

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092925\  
 Data File : VW032288.D  
 Acq On : 29 Sep 2025 09:18  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 30 02:29:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W092525S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 26 07:11:42 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.959  | 168   | 268675   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.849  | 114   | 467141   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.629 | 117   | 421624   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.556 | 152   | 216076   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.319  | 65    | 189828   | 44.746   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 63 - 155 | Recovery | =      | 89.500%  |
| 35) Dibromofluoromethane     | 7.898  | 113   | 158830   | 47.277   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 70 - 134 | Recovery | =      | 94.560%  |
| 50) Toluene-d8               | 10.325 | 98    | 575073   | 47.496   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 123 | Recovery | =      | 95.000%  |
| 62) 4-Bromofluorobenzene     | 12.617 | 95    | 227412   | 49.794   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 17 - 146 | Recovery | =      | 99.580%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.046  | 85    | 75877    | 40.876   | ug/l   | 100      |
| 3) Chloromethane             | 2.259  | 50    | 109875   | 41.361   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.405  | 62    | 136837   | 44.086   | ug/l   | 99       |
| 5) Bromomethane              | 2.826  | 94    | 91965    | 43.391   | ug/l   | 92       |
| 6) Chloroethane              | 2.972  | 64    | 91616    | 43.559   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.301  | 101   | 93341    | 39.912   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.722  | 74    | 96673    | 43.716   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.100  | 101   | 137054   | 45.912   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.314  | 142   | 188858   | 46.775   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.228  | 59    | 74772    | 253.914  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.082  | 96    | 147441   | 46.206   | ug/l   | 97       |
| 13) Acrolein                 | 3.929  | 56    | 89741    | 171.220  | ug/l   | 98       |
| 14) Allyl chloride           | 4.698  | 41    | 239390   | 48.340   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.405  | 53    | 271860   | 238.703  | ug/l   | 99       |
| 16) Acetone                  | 4.161  | 43    | 242573   | 222.649  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.417  | 76    | 340239   | 46.374   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.704  | 43    | 222255   | 59.315   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.466  | 73    | 293604   | 49.638   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.954  | 84    | 183003   | 45.854   | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.454  | 96    | 161722   | 47.000   | ug/l   | 95       |
| 22) Diisopropyl ether        | 6.338  | 45    | 551529   | 50.120   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.283  | 43    | 1749173  | 247.085  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.240  | 63    | 325437   | 46.849   | ug/l   | 98       |
| 25) 2-Butanone               | 7.191  | 43    | 373319   | 245.835  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.185  | 77    | 168640   | 49.265   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.191  | 96    | 201703   | 47.131   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.526  | 49    | 155963   | 47.052   | ug/l # | 98       |
| 29) Tetrahydrofuran          | 7.551  | 42    | 247647   | 251.198  | ug/l   | 98       |
| 30) Chloroform               | 7.685  | 83    | 336700   | 46.455   | ug/l   | 91       |
| 31) Cyclohexane              | 7.971  | 56    | 251157   | 45.851   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.886  | 97    | 233427   | 47.806   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.093  | 75    | 229284   | 50.622   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.270  | 43    | 151660   | 50.487   | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 8.081  | 117   | 218438   | 51.261   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.343  | 83    | 267298   | 51.002   | ug/l   | 98       |
| 40) Benzene                  | 8.337  | 78    | 711714   | 49.920   | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 30 02:29:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W092525S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 26 07:11:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.496  | 41   | 90924    | 52.850   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 230706   | 48.683   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.435  | 43   | 285674   | 53.127   | ug/l   | 98       |
| 44) Trichloroethene           | 9.099  | 130  | 161959   | 48.601   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 182651   | 49.465   | ug/l   | 98       |
| 46) Dibromomethane            | 9.465  | 93   | 110775   | 48.794   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.648  | 83   | 264163   | 51.016   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.441  | 41   | 135950   | 53.740   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.459  | 88   | 33030    | 1086.319 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.209 | 43   | 847818   | 265.923  | ug/l   | 98       |
| 52) Toluene                   | 10.392 | 92   | 443327   | 50.170   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 252066   | 53.132   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.081 | 75   | 284928   | 52.022   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 149223   | 48.154   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 221823   | 54.343   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 263928   | 49.301   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 608876   | 271.730  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.971 | 43   | 590687   | 271.306  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.129 | 129  | 176856   | 51.967   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.233 | 107  | 144351   | 49.168   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.861 | 164  | 128984   | 50.200   | ug/l # | 91       |
| 65) Chlorobenzene             | 11.654 | 112  | 487313   | 50.177   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 163026   | 53.078   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.727 | 91   | 853905   | 53.716   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.837 | 106  | 639810   | 104.995  | ug/l   | 98       |
| 69) o-Xylene                  | 12.166 | 106  | 308080   | 53.795   | ug/l   | 100      |
| 70) Styrene                   | 12.178 | 104  | 548303   | 54.596   | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 98017    | 54.762   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.458 | 105  | 786889   | 52.322   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.269 | 43   | 259511   | 54.794   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 195317   | 49.534   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 247833   | 83.370   | ug/l   | 39       |
| 77) Bromobenzene              | 12.745 | 156  | 184851   | 49.972   | ug/l   | 90       |
| 78) n-propylbenzene           | 12.800 | 91   | 994588   | 52.650   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 595261   | 52.018   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 689618   | 53.634   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 64829    | 56.645   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 622181   | 51.445   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 579281   | 53.870   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 687968   | 52.698   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 861115   | 53.327   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.489 | 119  | 716321   | 53.563   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 353632   | 48.331   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 374202   | 50.062   | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.818 | 91   | 702793   | 52.364   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 134713   | 54.047   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 343285   | 50.154   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 35804    | 53.086   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 215775   | 53.138   | ug/l   | 90       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 99085    | 53.131   | ug/l   | 86       |
| 95) Naphthalene               | 15.360 | 128  | 520310   | 53.387   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 190054   | 50.335   | ug/l   | 96       |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

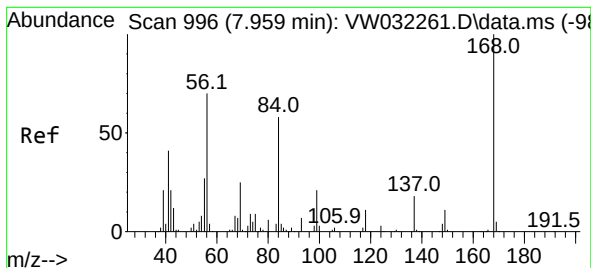
Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Sep 30 02:29:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W092525S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 26 07:11:42 2025  
Response via : Initial Calibration

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

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

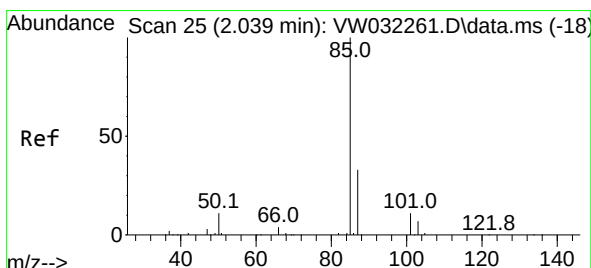
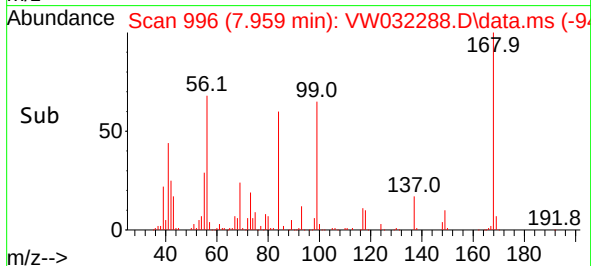
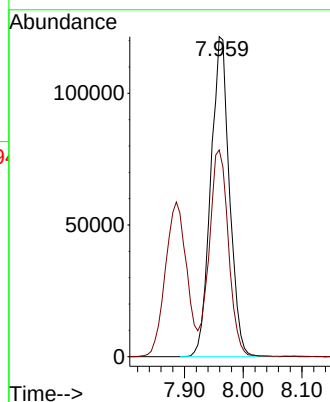
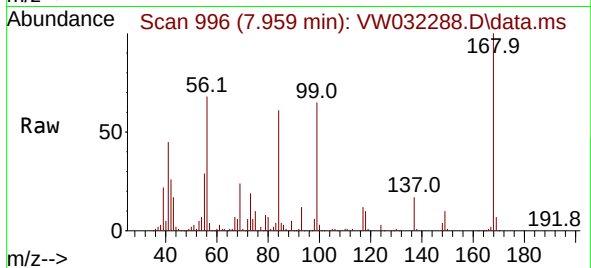




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

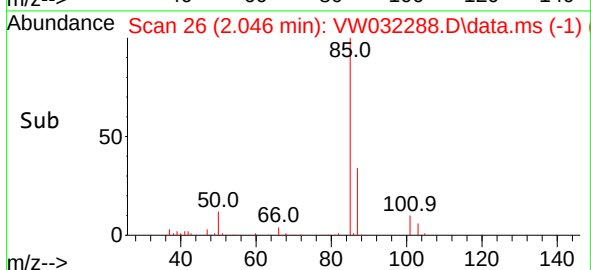
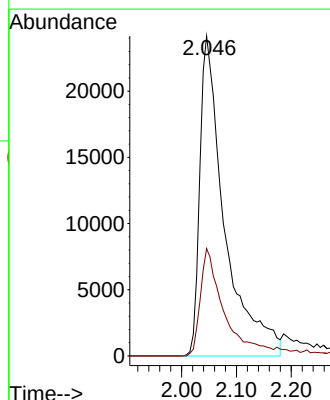
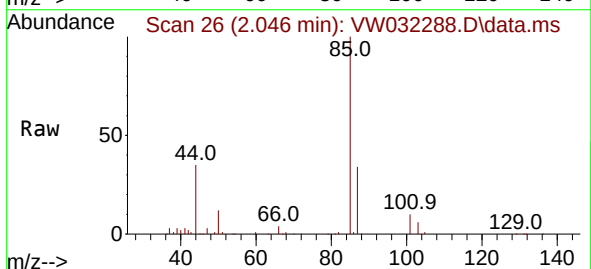
Instrument :  
MSVOA\_W  
ClientSampleId :

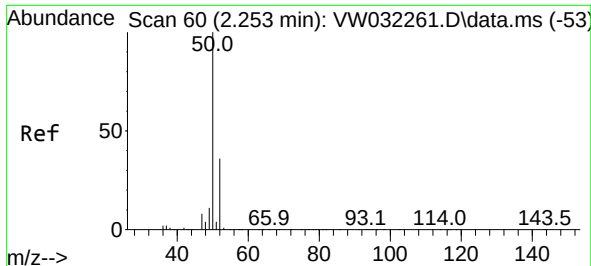
Tgt Ion:168 Resp: 268675  
Ion Ratio Lower Upper  
168 100  
99 64.5 55.0 82.4



#2  
Dichlorodifluoromethane  
Concen: 40.876 ug/l  
RT: 2.046 min Scan# 26  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 85 Resp: 75877  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.7 50.1

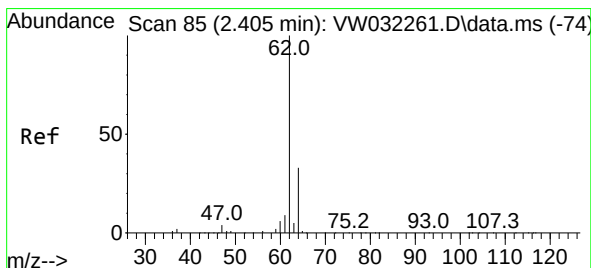
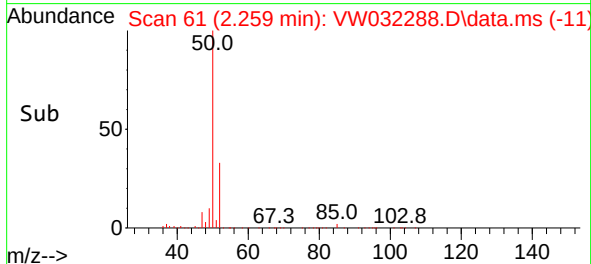
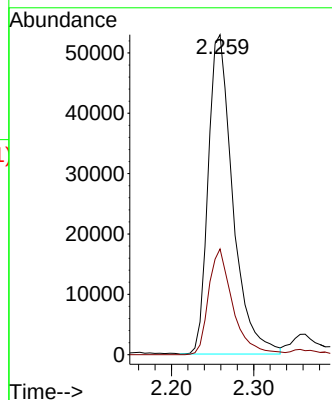
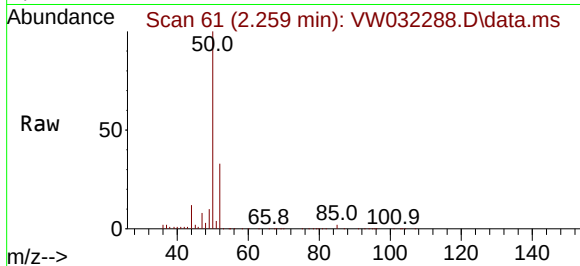




#3  
Chloromethane  
Concen: 41.361 ug/l  
RT: 2.259 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

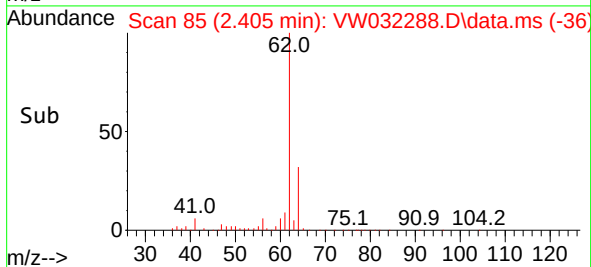
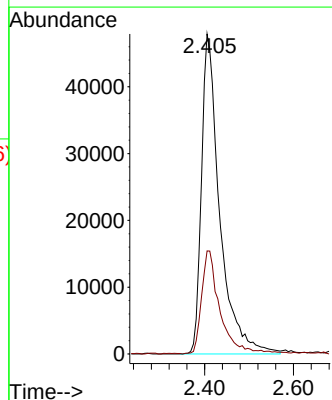
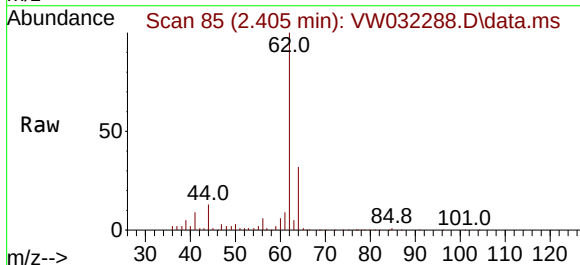
Instrument :  
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ClientSampleId :

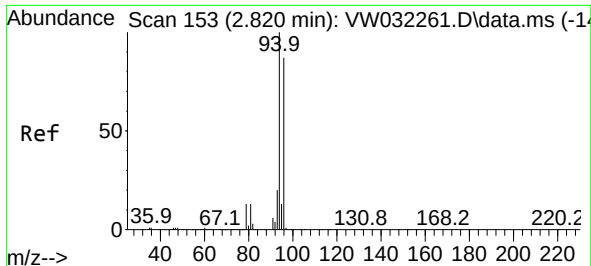
Tgt Ion: 50 Resp: 109875  
Ion Ratio Lower Upper  
50 100  
52 33.1 28.9 43.3



#4  
Vinyl Chloride  
Concen: 44.086 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 62 Resp: 136837  
Ion Ratio Lower Upper  
62 100  
64 32.1 26.2 39.4

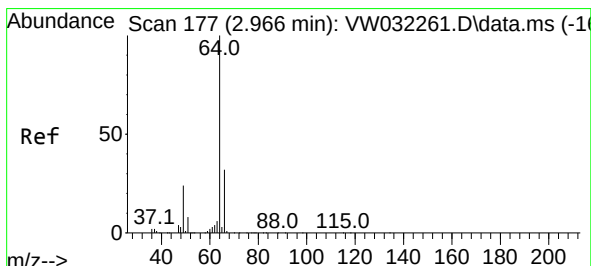
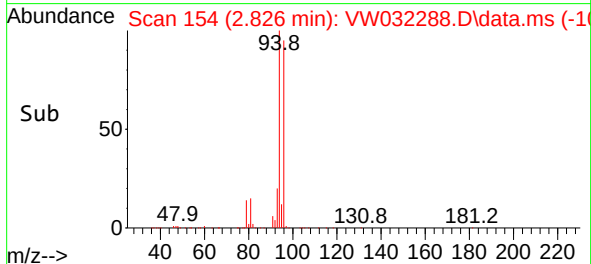
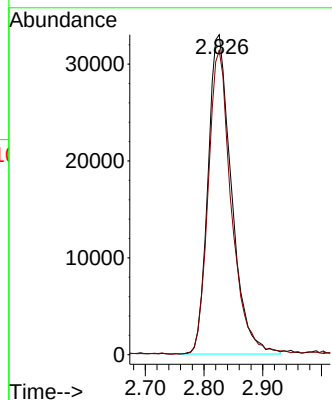
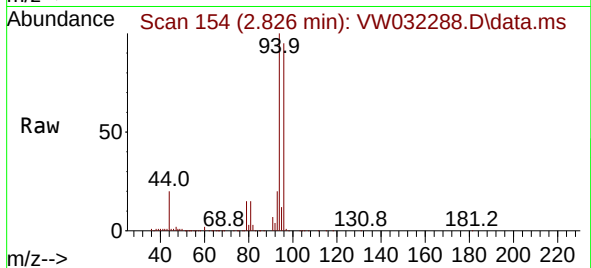




#5  
Bromomethane  
Concen: 43.391 ug/l  
RT: 2.826 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

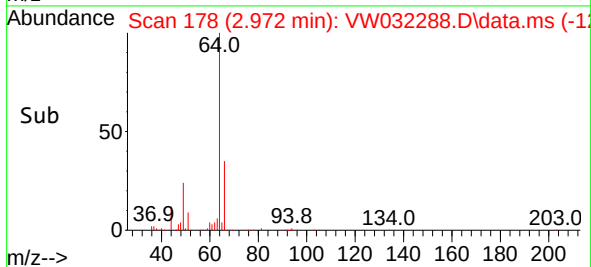
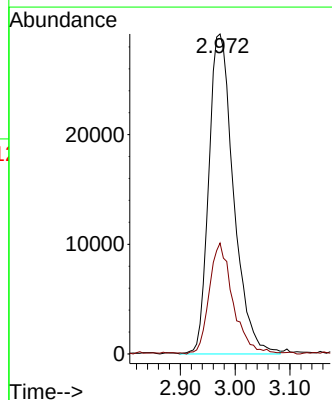
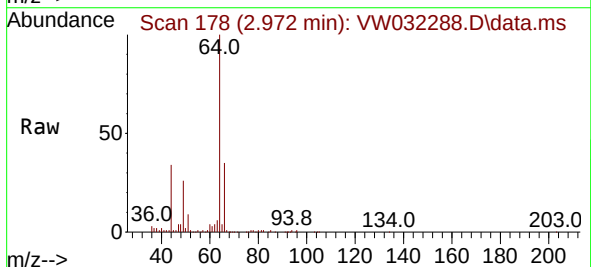
Instrument :  
MSVOA\_W  
ClientSampleId :

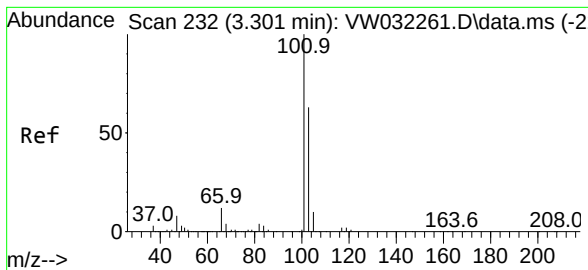
Tgt Ion: 94 Resp: 91965  
Ion Ratio Lower Upper  
94 100  
96 95.1 70.0 105.0



#6  
Chloroethane  
Concen: 43.559 ug/l  
RT: 2.972 min Scan# 178  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 64 Resp: 91616  
Ion Ratio Lower Upper  
64 100  
66 34.3 25.5 38.3

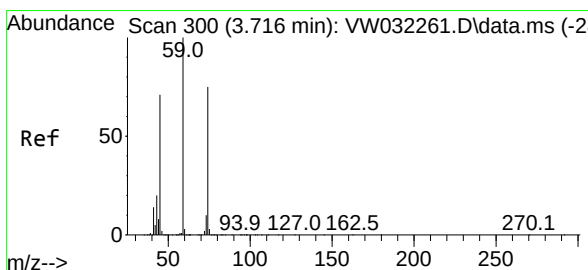
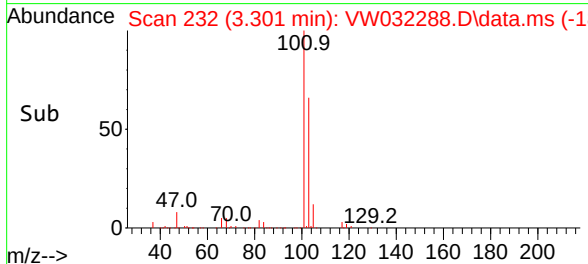
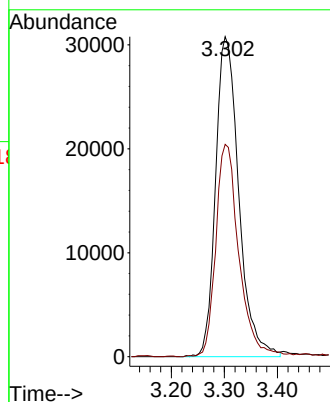
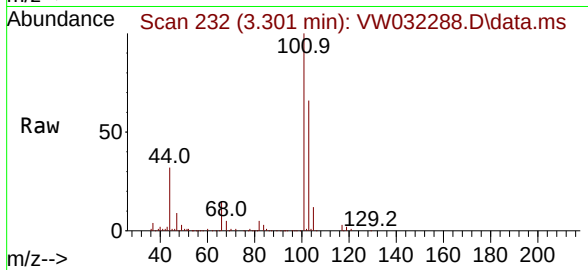




#7  
 Trichlorofluoromethane  
 Concen: 39.912 ug/l  
 RT: 3.301 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

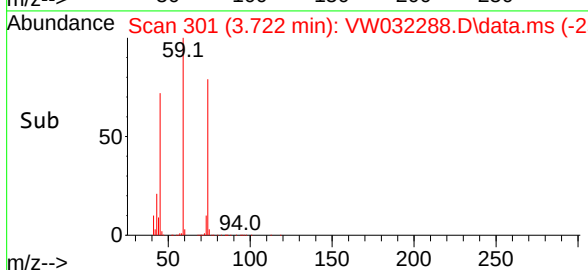
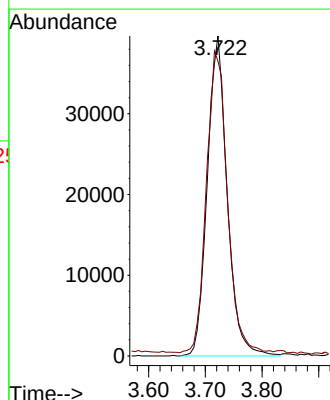
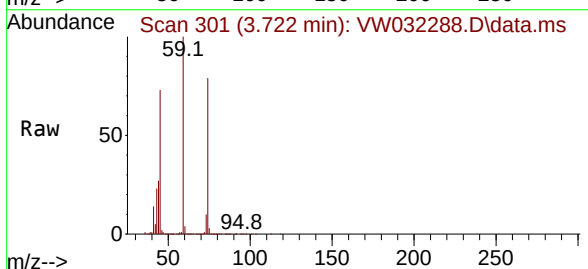
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion:101 Resp: 93341  
 Ion Ratio Lower Upper  
 101 100  
 103 66.4 50.3 75.5

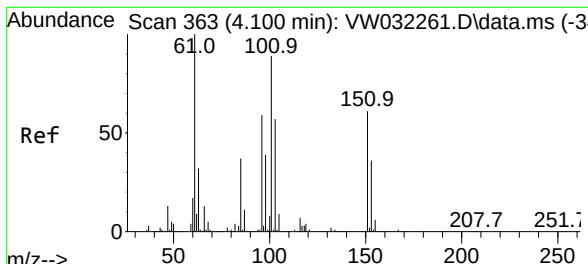


#8  
 Diethyl Ether  
 Concen: 43.716 ug/l  
 RT: 3.722 min Scan# 301  
 Delta R.T. 0.006 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

Tgt Ion: 74 Resp: 96673  
 Ion Ratio Lower Upper  
 74 100  
 45 98.6 49.0 147.2



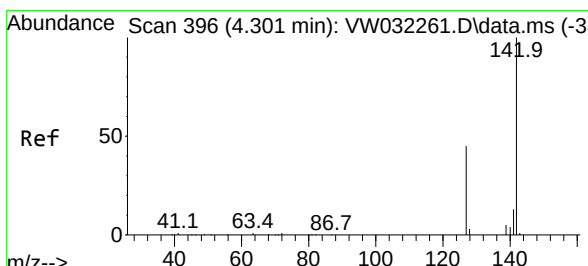
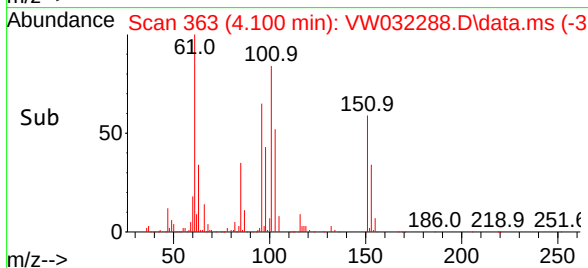
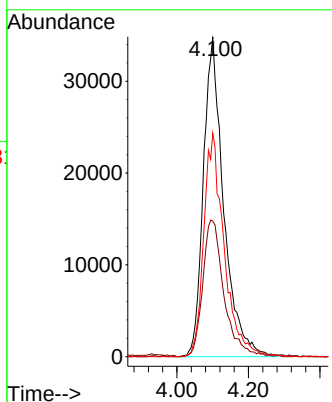
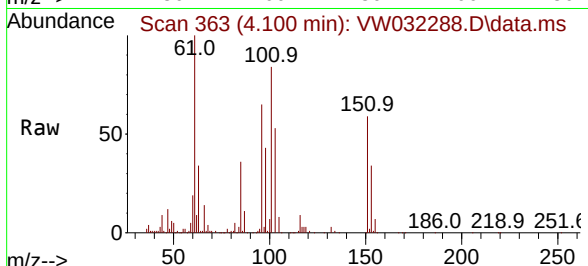




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 45.912 ug/l  
 RT: 4.100 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

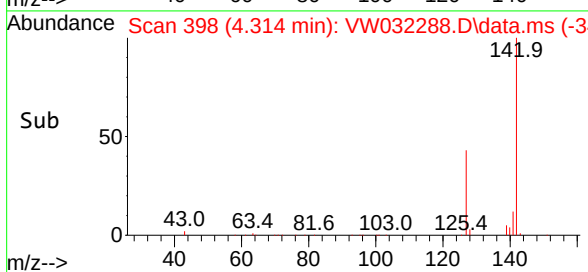
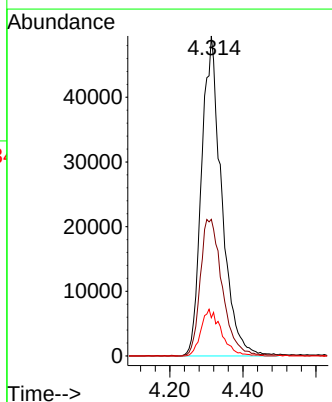
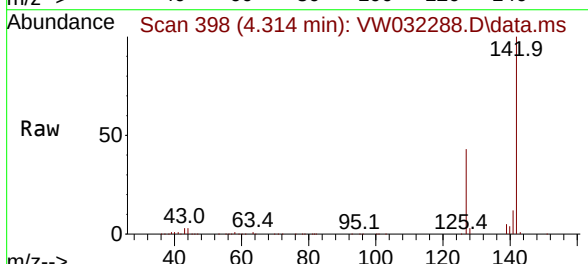
Instrument :  
 MSVOA\_W  
 ClientSampleId :

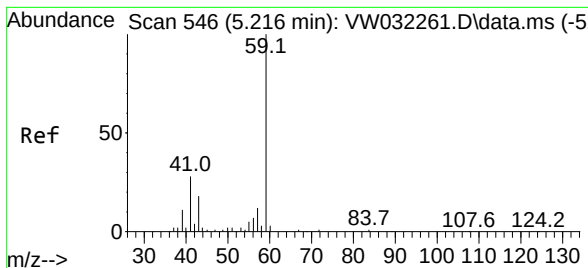
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 137054 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 44.7  | 33.7  | 50.5   |
| 151      | 69.8  | 55.7  | 83.5   |



#10  
 Methyl Iodide  
 Concen: 46.775 ug/l  
 RT: 4.314 min Scan# 398  
 Delta R.T. 0.012 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 188858 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 46.8  | 36.9  | 55.3   |
| 141      | 14.8  | 12.0  | 18.0   |





#11

Tert butyl alcohol

Concen: 253.914 ug/l

RT: 5.228 min Scan# 54

Delta R.T. 0.012 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

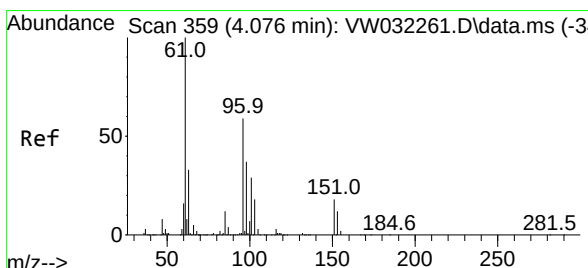
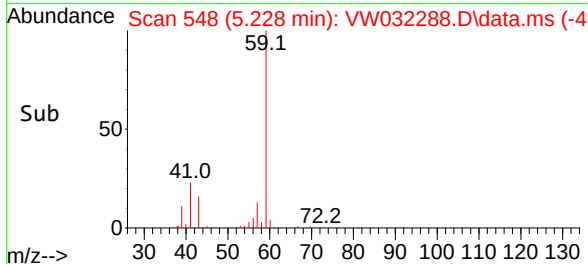
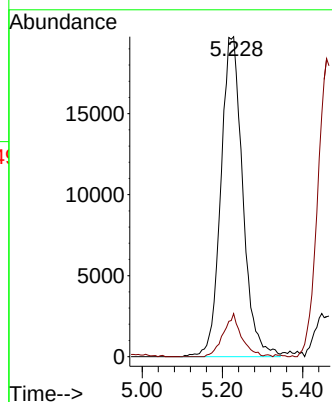
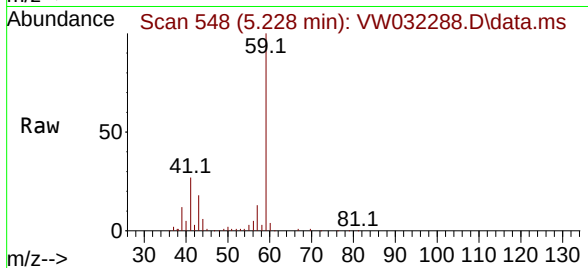
ClientSampleId :

Tgt Ion: 59 Resp: 74772

Ion Ratio Lower Upper

59 100

57 11.1 8.9 13.3



#12

1,1-Dichloroethene

Concen: 46.206 ug/l

RT: 4.082 min Scan# 360

Delta R.T. 0.006 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

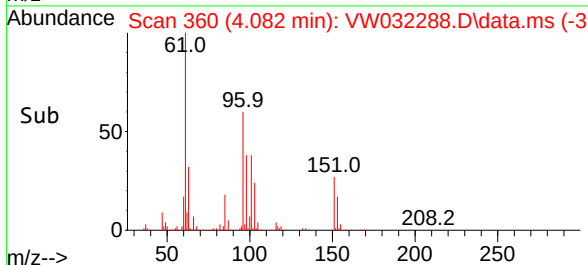
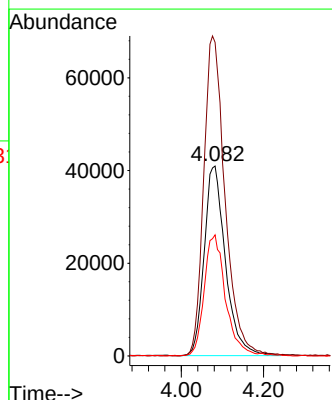
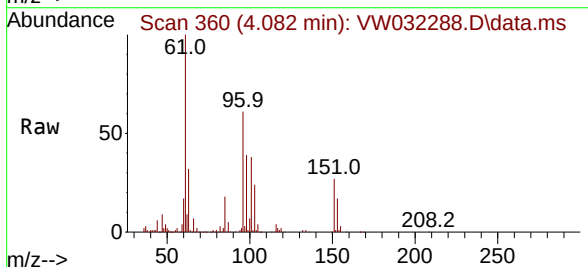
Tgt Ion: 96 Resp: 147441

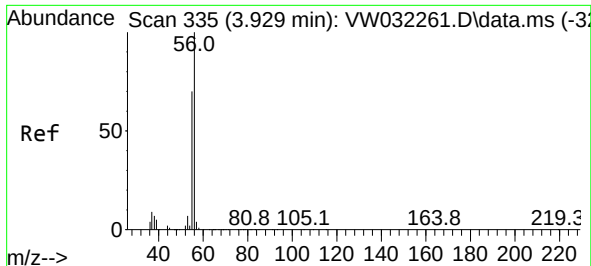
Ion Ratio Lower Upper

96 100

61 165.3 136.3 204.5

98 63.7 50.7 76.1

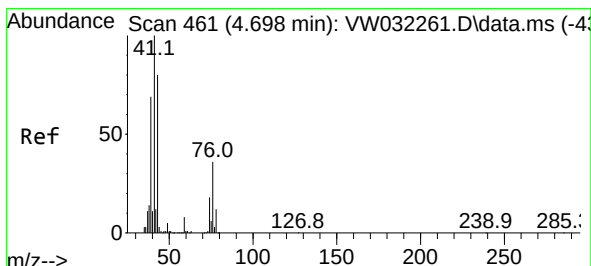
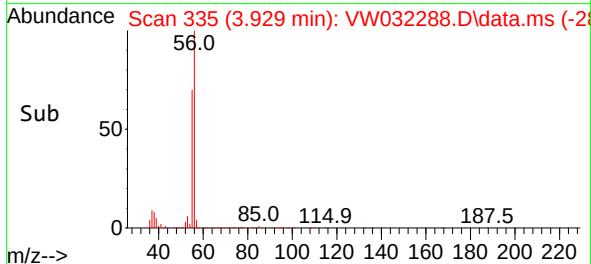
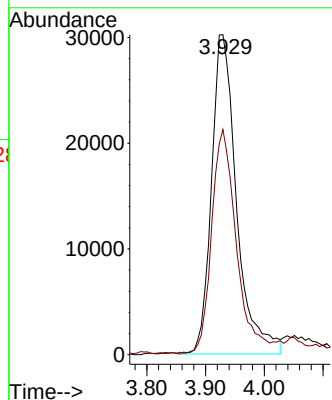
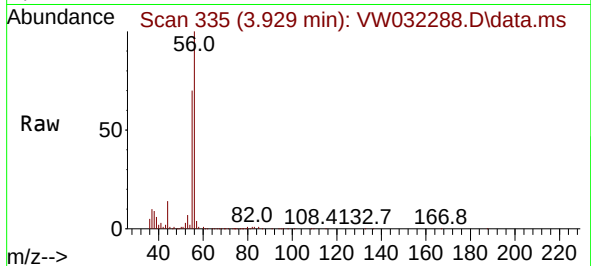




#13  
Acrolein  
Concen: 171.220 ug/l  
RT: 3.929 min Scan# 335  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

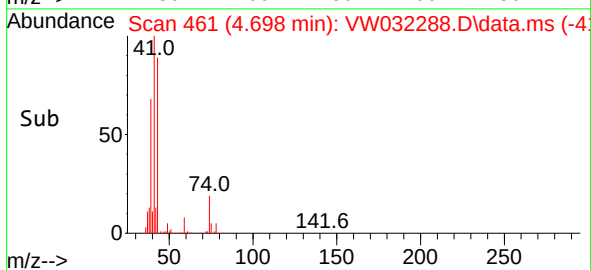
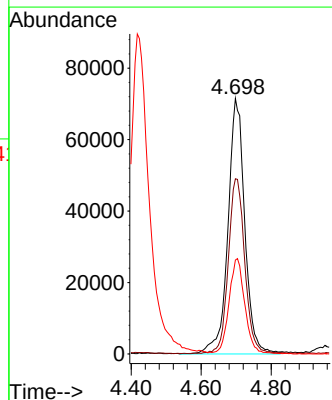
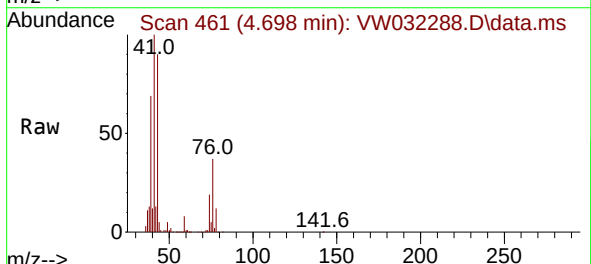
Instrument :  
MSVOA\_W  
ClientSampleId :

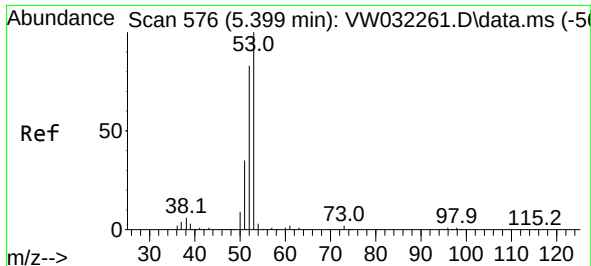
Tgt Ion: 56 Resp: 89741  
Ion Ratio Lower Upper  
56 100  
55 68.3 53.2 79.8



#14  
Allyl chloride  
Concen: 48.340 ug/l  
RT: 4.698 min Scan# 461  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 41 Resp: 239390  
Ion Ratio Lower Upper  
41 100  
39 67.1 54.3 81.5  
76 34.6 28.7 43.1

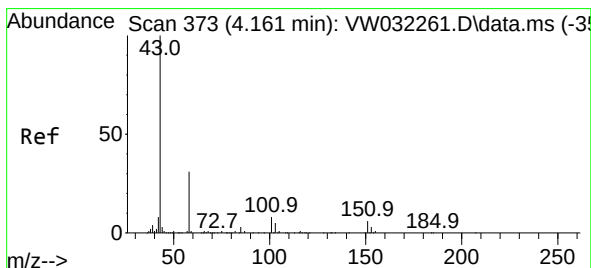
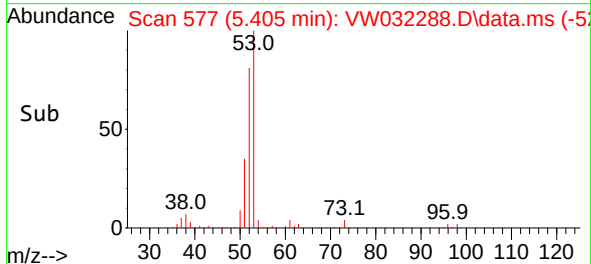
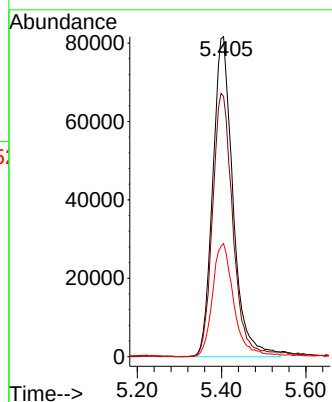
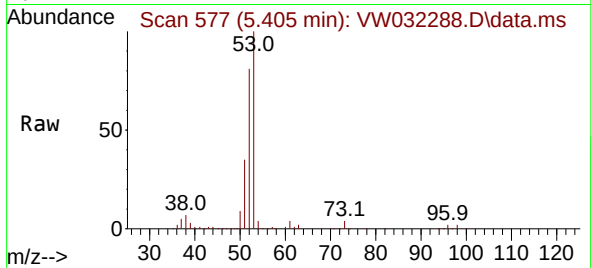




#15  
Acrylonitrile  
Concen: 238.703 ug/l  
RT: 5.405 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

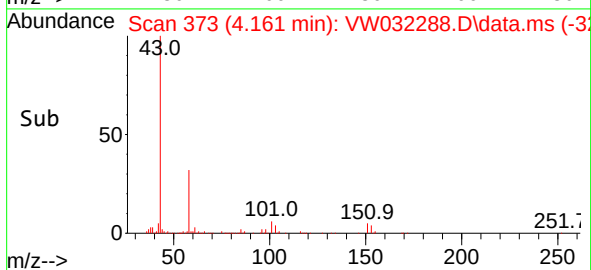
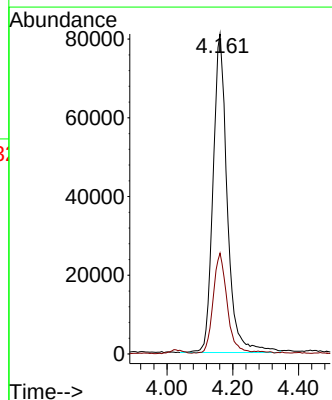
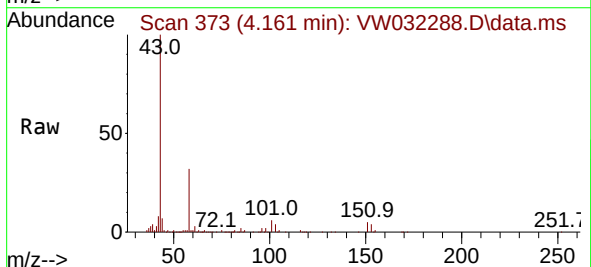
Instrument :  
MSVOA\_W  
ClientSampleId :

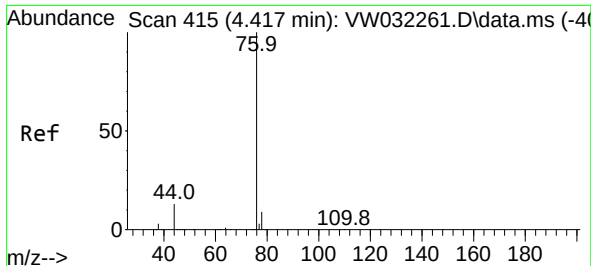
Tgt Ion: 53 Resp: 271860  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.3 99.5  
51 37.3 29.6 44.4



#16  
Acetone  
Concen: 222.649 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 43 Resp: 242573  
Ion Ratio Lower Upper  
43 100  
58 31.3 25.4 38.0

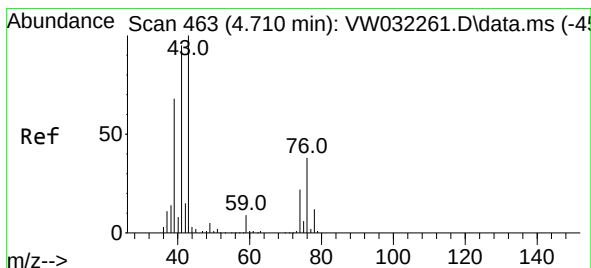
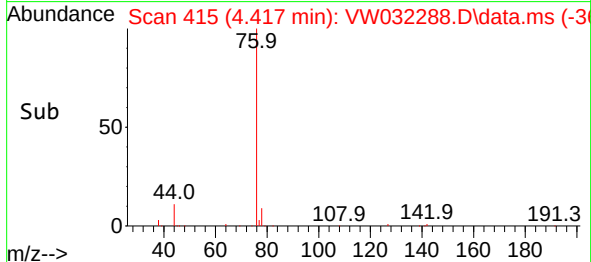
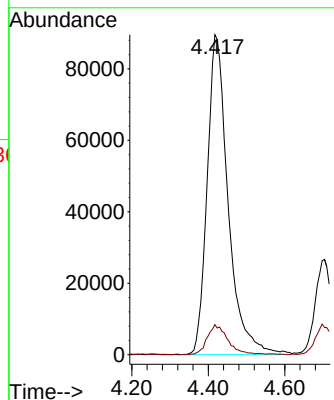
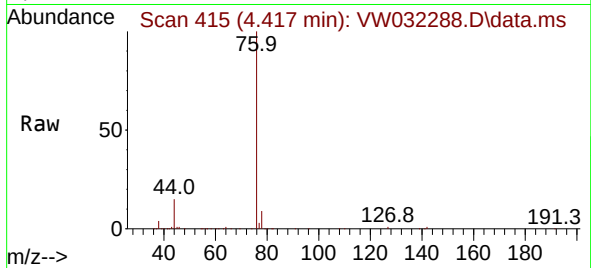




#17  
Carbon Disulfide  
Concen: 46.374 ug/l  
RT: 4.417 min Scan# 415  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

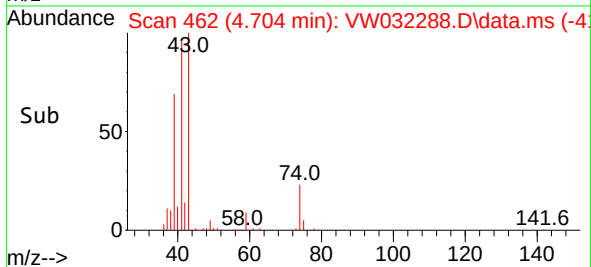
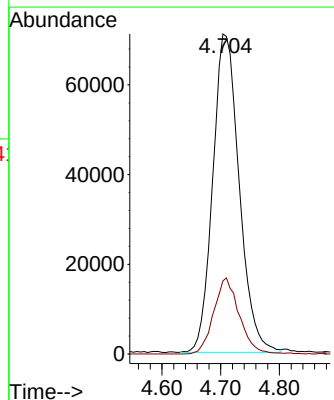
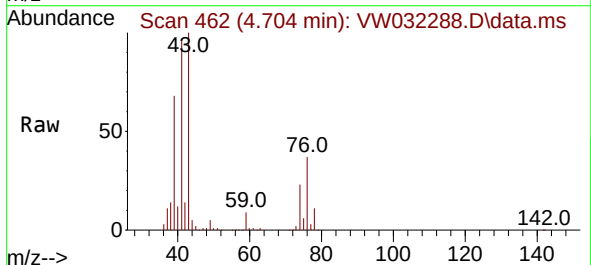
Instrument :  
MSVOA\_W  
ClientSampleId :

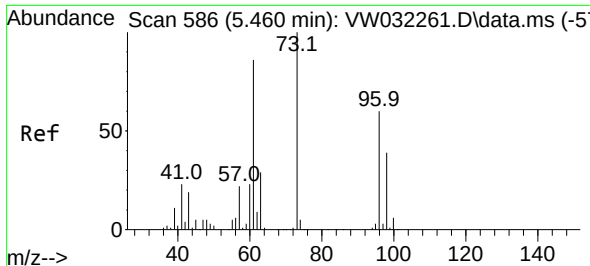
Tgt Ion: 76 Resp: 340239  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 59.315 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 43 Resp: 222255  
Ion Ratio Lower Upper  
43 100  
74 22.9 18.8 28.2

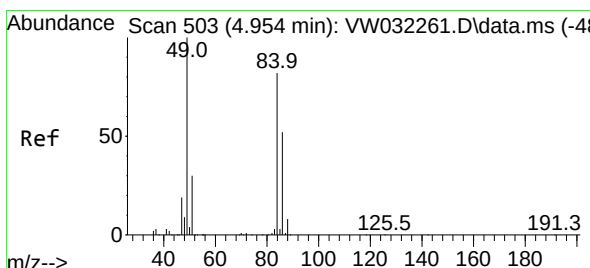
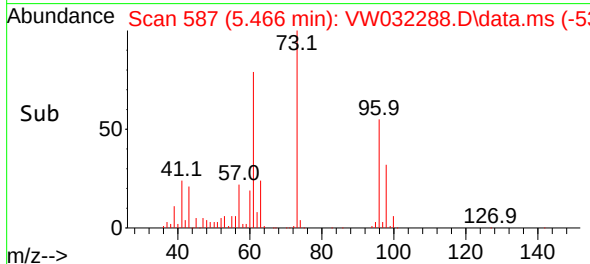
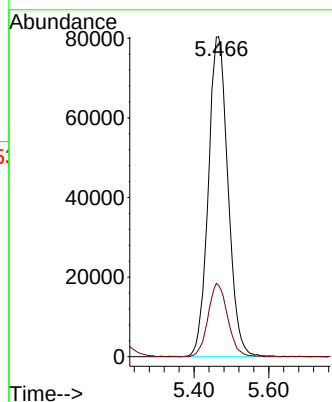
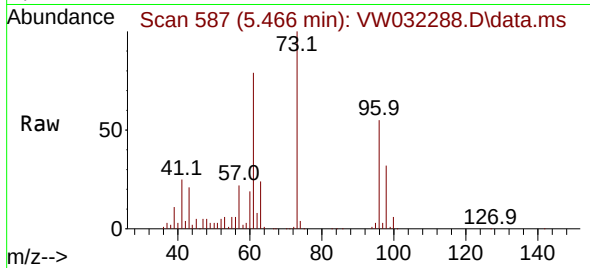




#19  
Methyl tert-butyl Ether  
Concen: 49.638 ug/l  
RT: 5.466 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

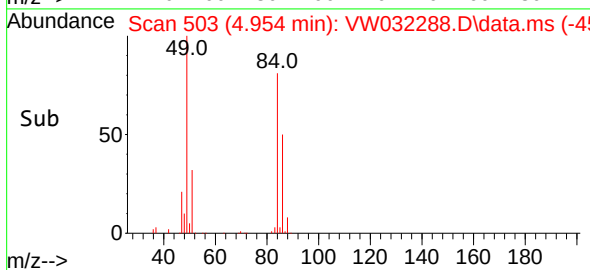
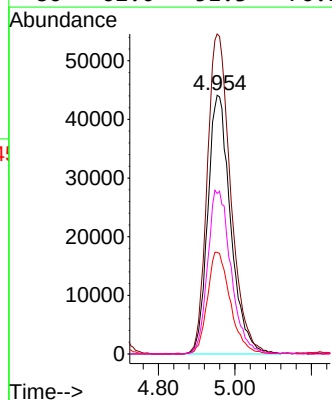
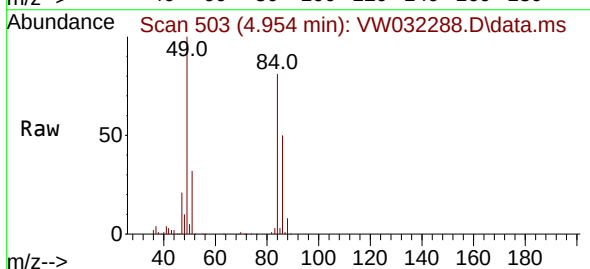
Instrument :  
MSVOA\_W  
ClientSampleId :

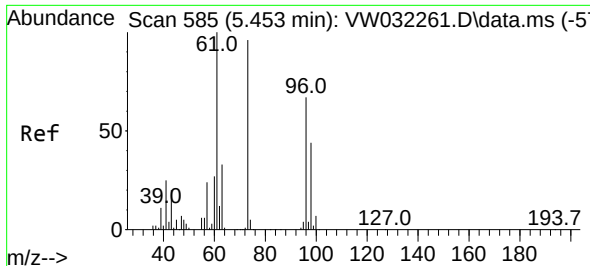
Tgt Ion: 73 Resp: 293604  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 45.854 ug/l  
RT: 4.954 min Scan# 503  
Delta R.T. -0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 84 Resp: 183003  
Ion Ratio Lower Upper  
84 100  
49 123.7 97.8 146.6  
51 39.1 29.9 44.9  
86 62.0 51.3 76.9

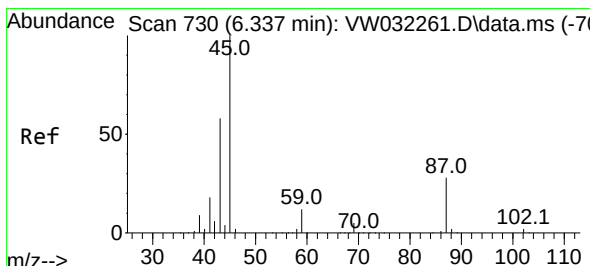
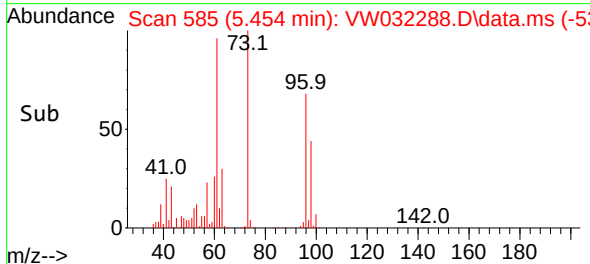
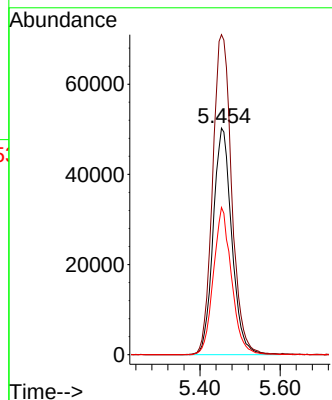
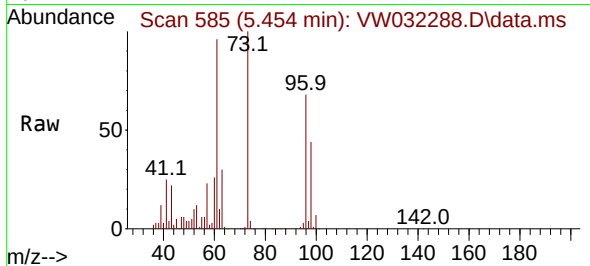




#21  
trans-1,2-Dichloroethene  
Concen: 47.000 ug/l  
RT: 5.454 min Scan# 585  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

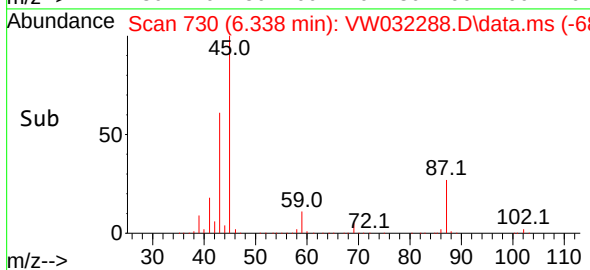
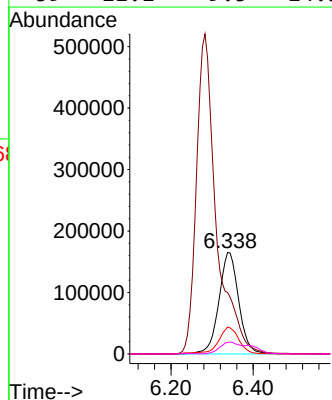
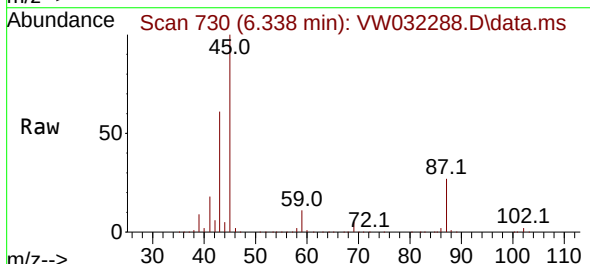
Instrument :  
MSVOA\_W  
ClientSampleId :

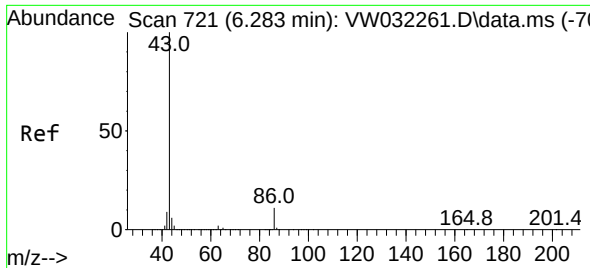
Tgt Ion: 96 Resp: 161722  
Ion Ratio Lower Upper  
96 100  
61 141.2 119.2 178.8  
98 65.0 52.5 78.7



#22  
Diisopropyl ether  
Concen: 50.120 ug/l  
RT: 6.338 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 45 Resp: 551529  
Ion Ratio Lower Upper  
45 100  
43 59.9 46.2 69.4  
87 26.4 22.2 33.2  
59 11.1 9.5 14.3

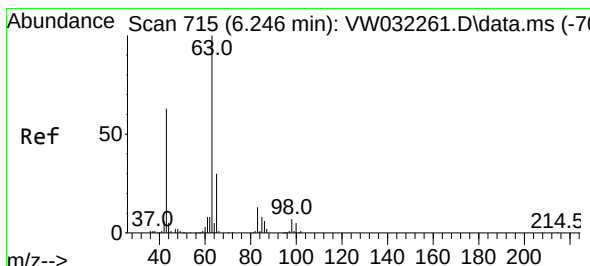
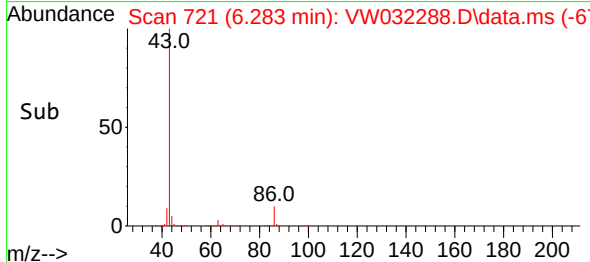
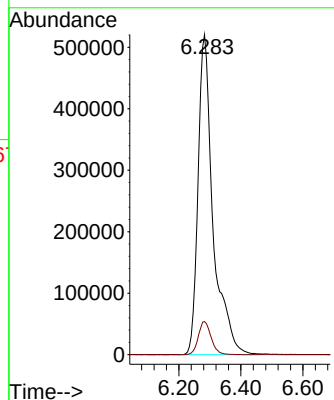
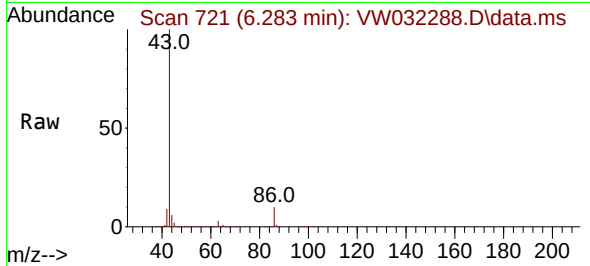




#23  
 Vinyl Acetate  
 Concen: 247.085 ug/l  
 RT: 6.283 min Scan# 714  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

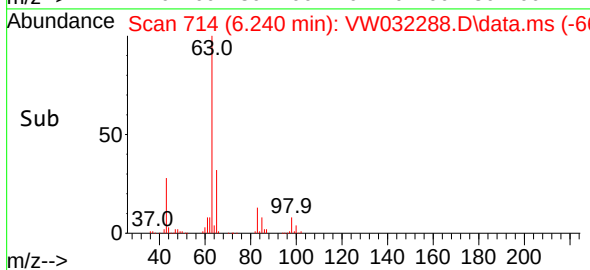
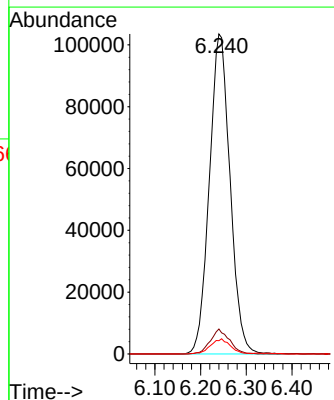
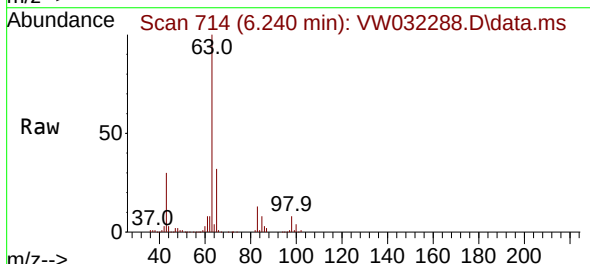
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 43 Resp: 1749173  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 9.0 13.6

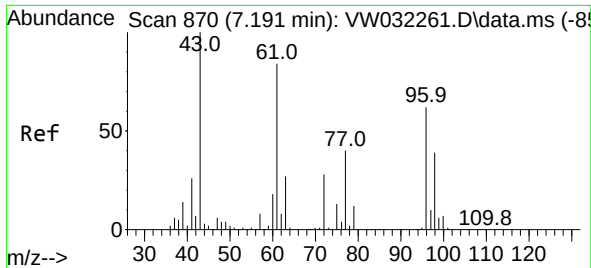


#24  
 1,1-Dichloroethane  
 Concen: 46.849 ug/l  
 RT: 6.240 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

Tgt Ion: 63 Resp: 325437  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.6 10.9  
 100 4.2 2.4 7.1



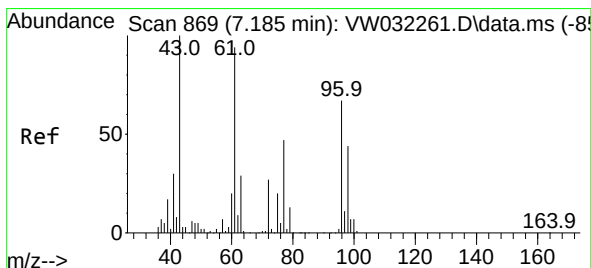
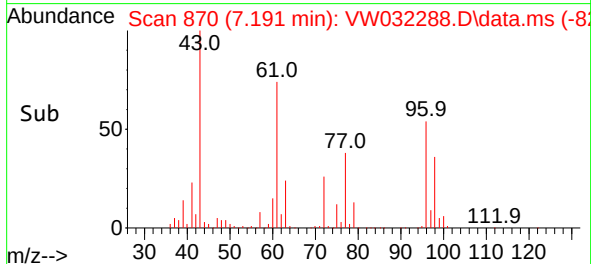
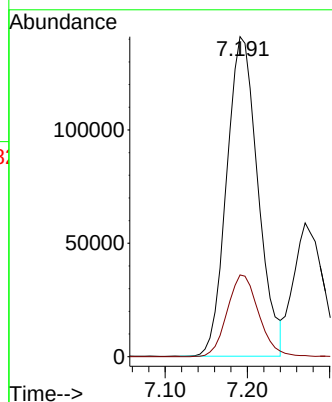
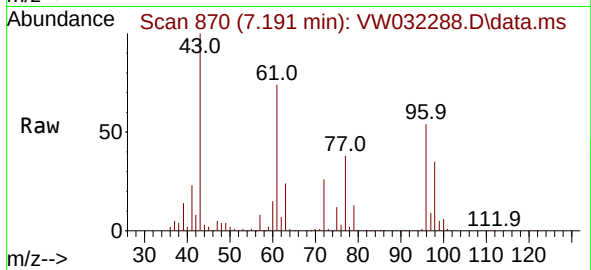




#25  
2-Butanone  
Concen: 245.835 ug/l  
RT: 7.191 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

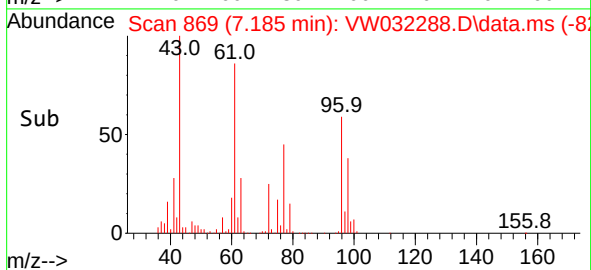
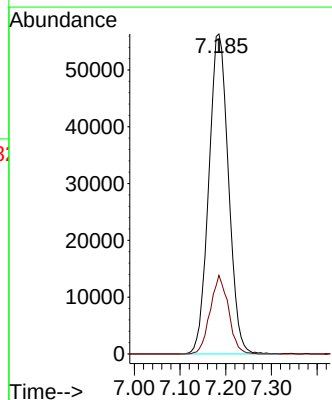
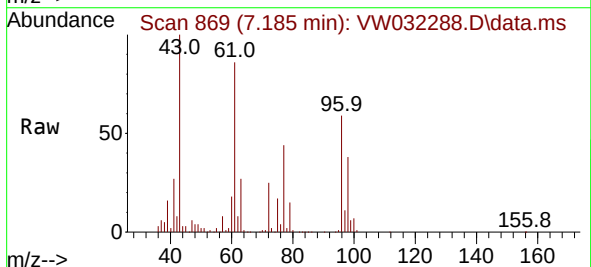
Instrument :  
MSVOA\_W  
ClientSampleId :

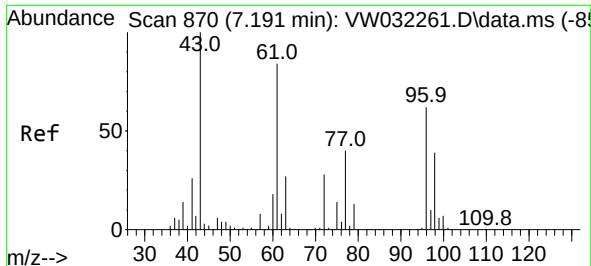
Tgt Ion: 43 Resp: 373319  
Ion Ratio Lower Upper  
43 100  
72 25.6 22.3 33.5



#26  
2,2-Dichloropropane  
Concen: 49.265 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 77 Resp: 168640  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.7 35.0

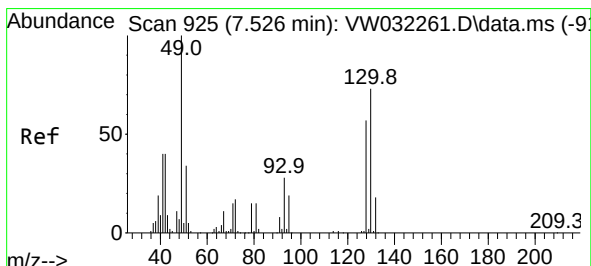
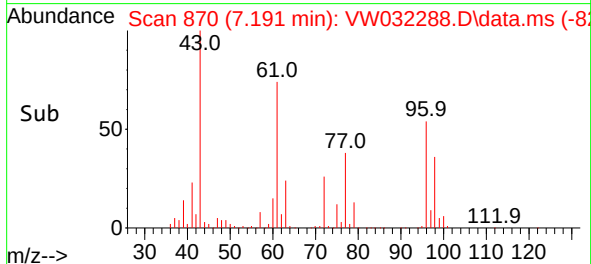
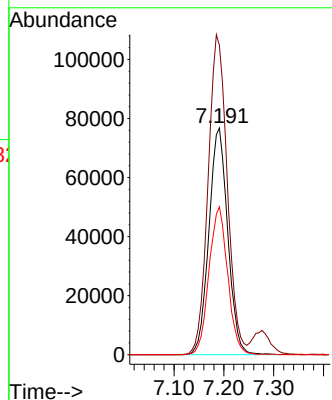
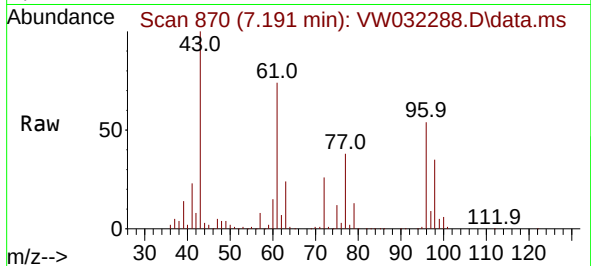




#27  
 cis-1,2-Dichloroethene  
 Concen: 47.131 ug/l  
 RT: 7.191 min Scan# 870  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

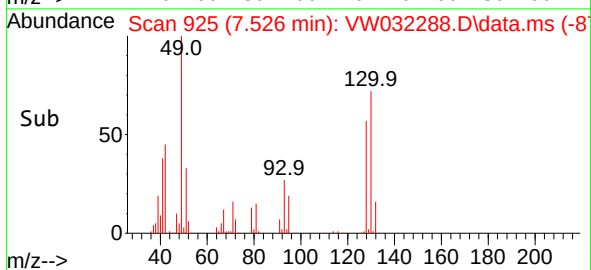
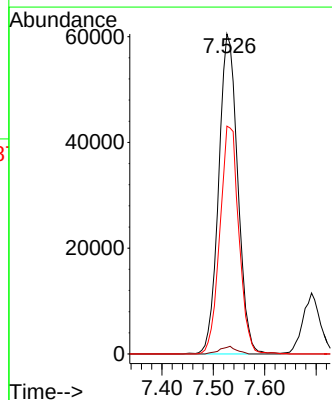
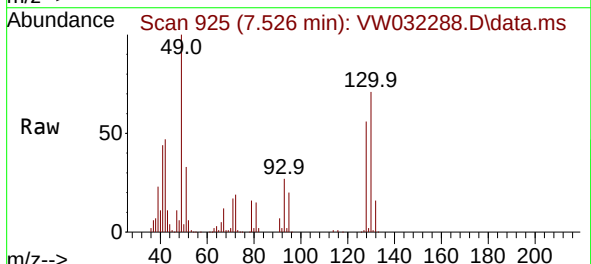
Instrument :  
 MSVOA\_W  
 ClientSampleId :

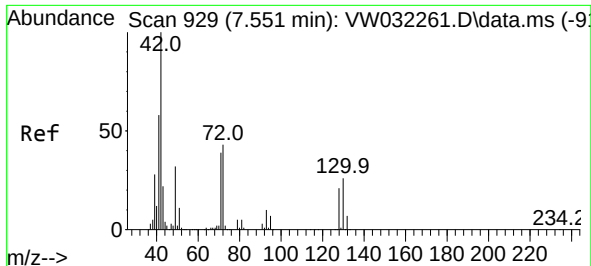
Tgt Ion: 96 Resp: 201703  
 Ion Ratio Lower Upper  
 96 100  
 61 143.6 0.0 281.8  
 98 64.7 0.0 130.8



#28  
 Bromochloromethane  
 Concen: 47.052 ug/l  
 RT: 7.526 min Scan# 925  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

Tgt Ion: 49 Resp: 155963  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 2.2  
 130 70.8 0.0 0.0#





#29

Tetrahydrofuran

Concen: 251.198 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

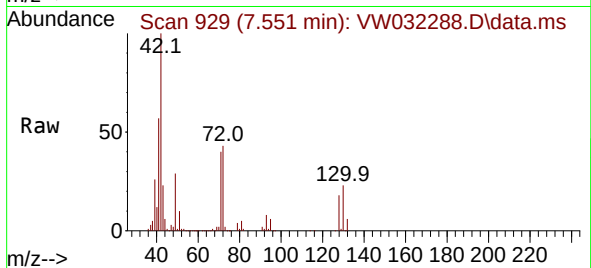
Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :



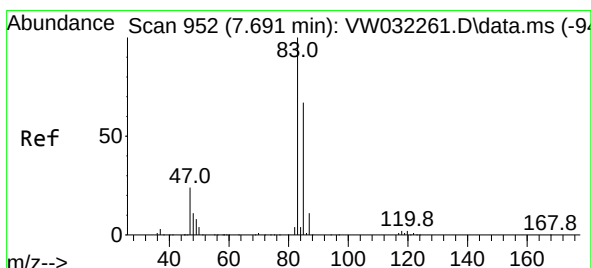
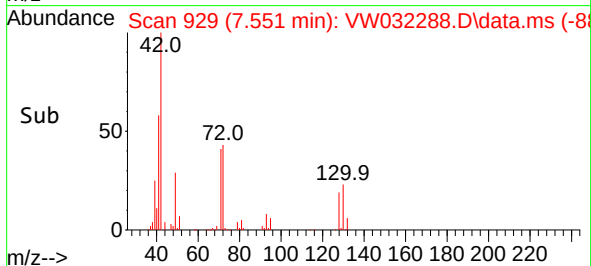
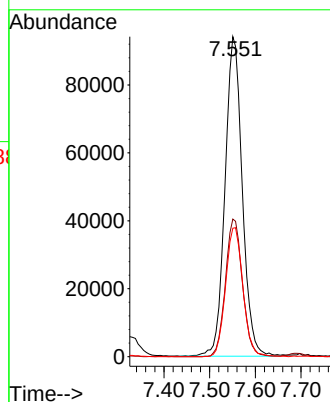
Tgt Ion: 42 Resp: 247647

Ion Ratio Lower Upper

42 100

72 42.5 35.1 52.7

71 40.5 33.3 49.9



#30

Chloroform

Concen: 46.455 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.006 min

Lab File: VW032288.D

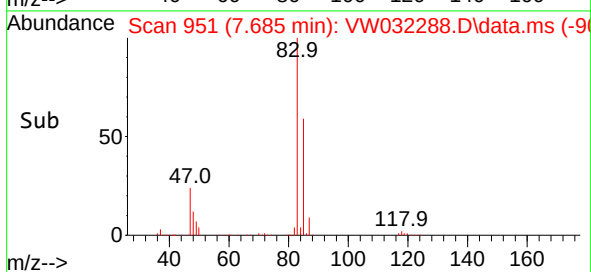
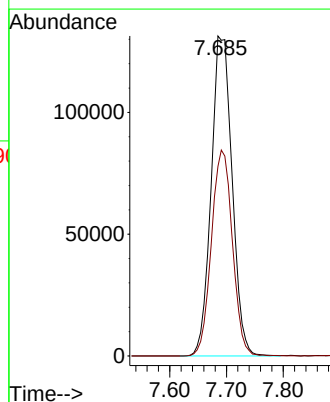
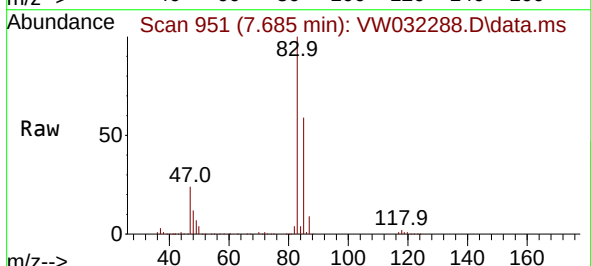
Acq: 29 Sep 2025 09:18

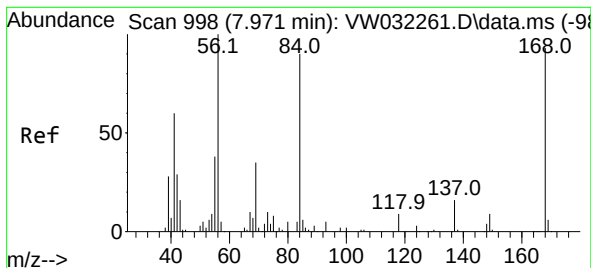
Tgt Ion: 83 Resp: 336700

Ion Ratio Lower Upper

83 100

85 59.3 53.3 79.9





#31

Cyclohexane

Concen: 45.851 ug/l

RT: 7.971 min Scan# 998

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :

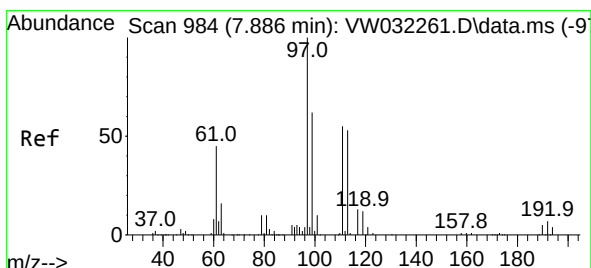
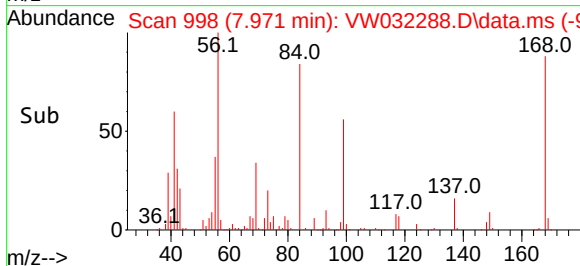
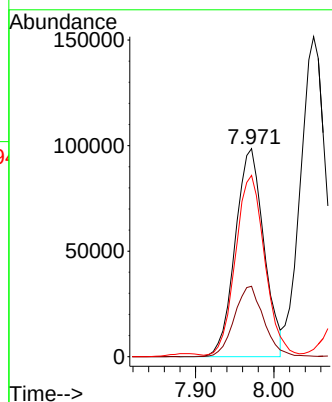
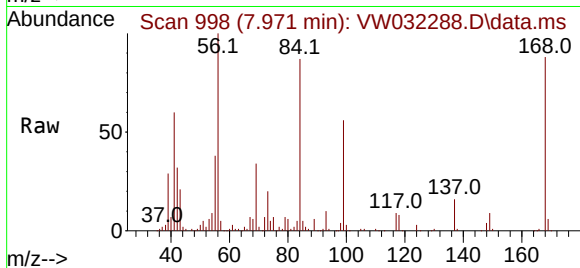
Tgt Ion: 56 Resp: 251157

Ion Ratio Lower Upper

56 100

69 33.8 28.2 42.2

84 85.7 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 47.806 ug/l

RT: 7.886 min Scan# 984

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

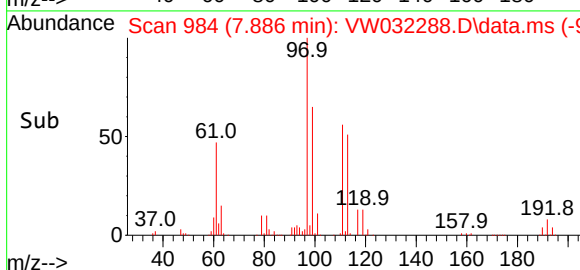
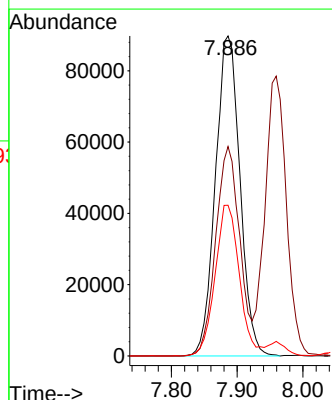
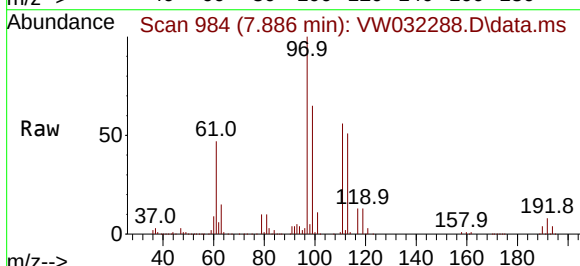
Tgt Ion: 97 Resp: 233427

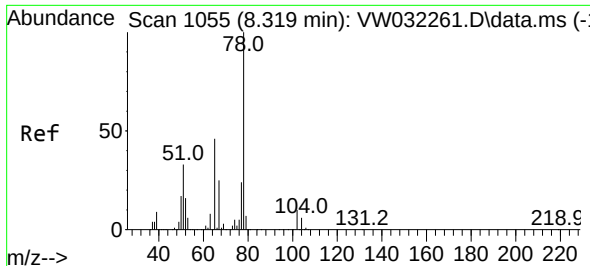
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 46.8 36.2 54.4

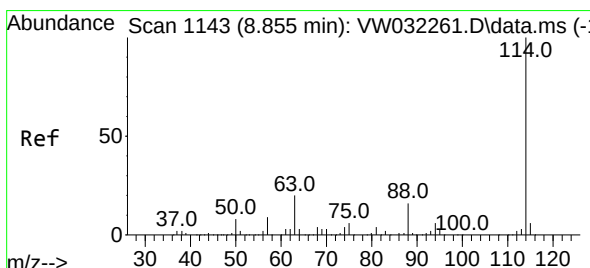
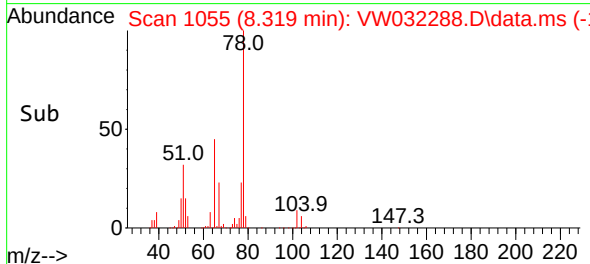
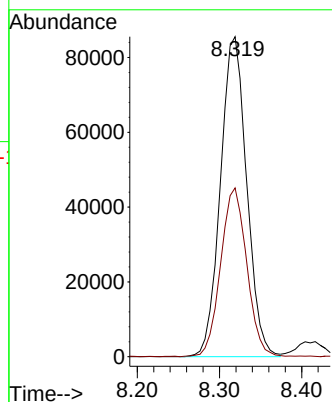
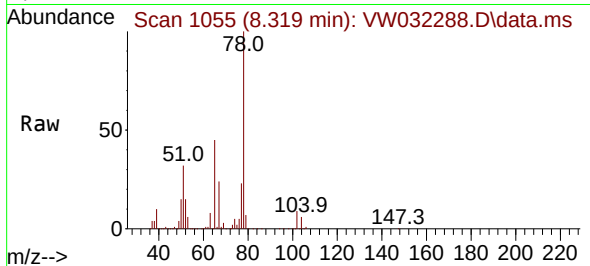




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.746 ug/l  
 RT: 8.319 min Scan# 1105  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

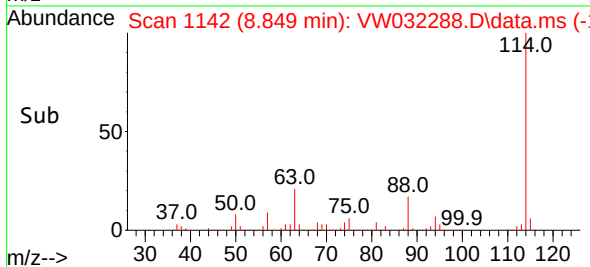
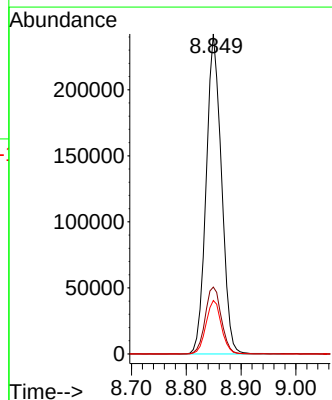
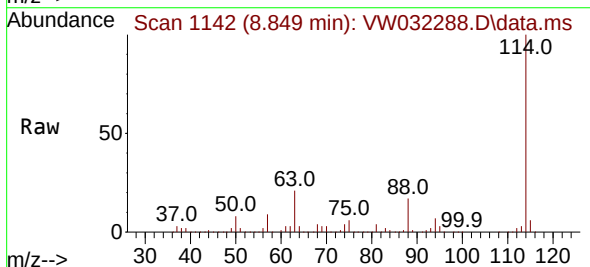
Instrument :  
 MSVOA\_W  
 ClientSampleId :

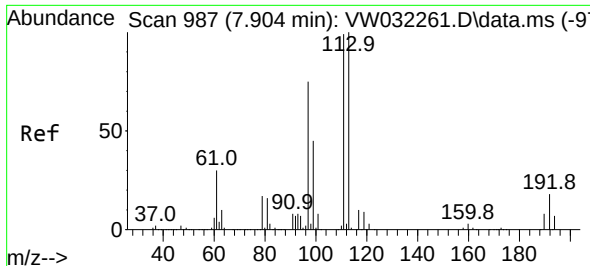
Tgt Ion: 65 Resp: 189828  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.849 min Scan# 1142  
 Delta R.T. -0.006 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

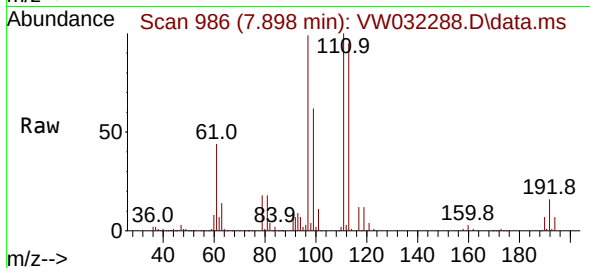
Tgt Ion: 114 Resp: 467141  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 40.2  
 88 16.7 0.0 32.0



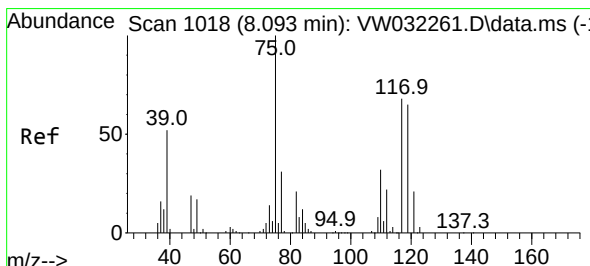
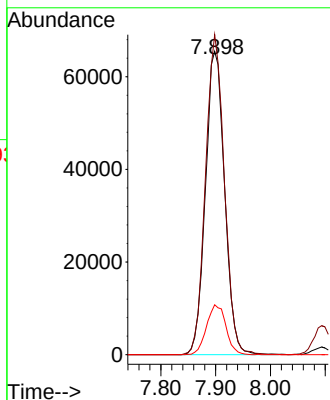
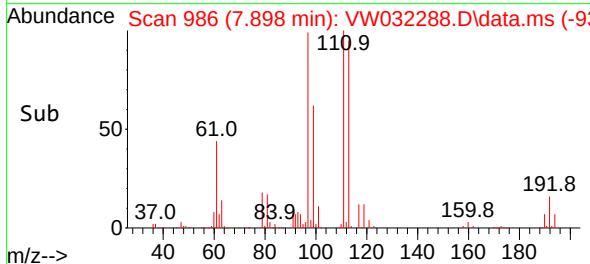


#35  
 Dibromofluoromethane  
 Concen: 47.277 ug/l  
 RT: 7.898 min Scan# 986  
 Delta R.T. -0.006 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

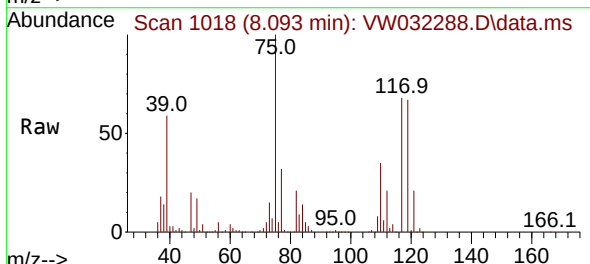
Instrument :  
 MSVOA\_W  
 ClientSampleId :



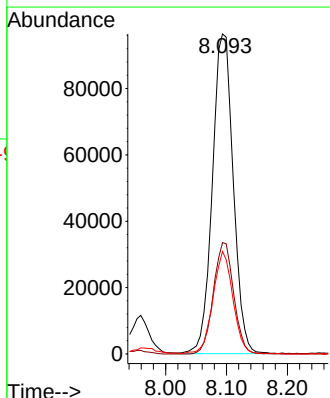
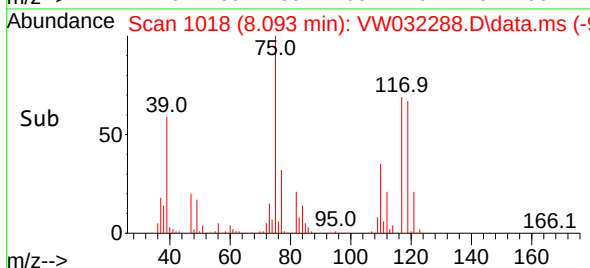
Tgt Ion:113 Resp: 158830  
 Ion Ratio Lower Upper  
 113 100  
 111 103.7 81.8 122.8  
 192 16.6 13.0 19.4

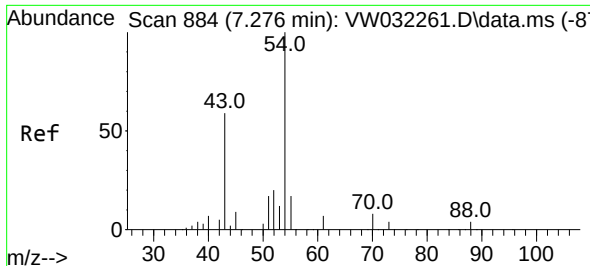


#36  
 1,1-Dichloropropene  
 Concen: 50.622 ug/l  
 RT: 8.093 min Scan# 1018  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18



Tgt Ion: 75 Resp: 229284  
 Ion Ratio Lower Upper  
 75 100  
 110 33.9 16.7 50.1  
 77 30.6 25.2 37.8

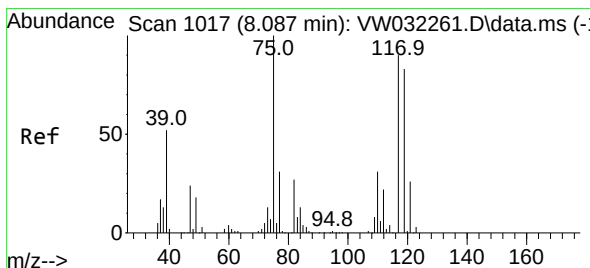
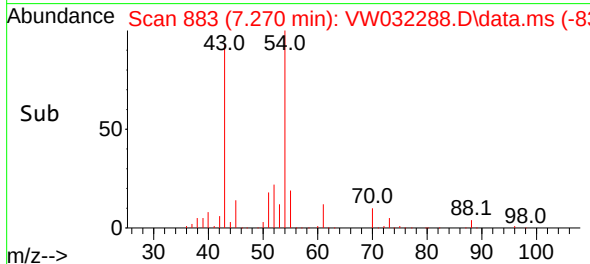
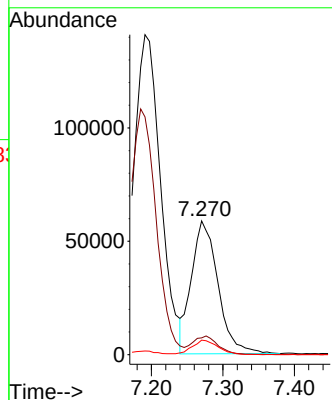
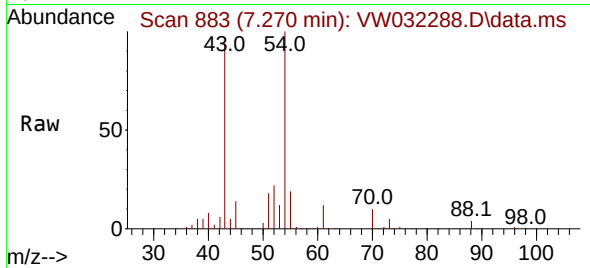




#37  
Ethyl Acetate  
Concen: 50.487 ug/l  
RT: 7.270 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

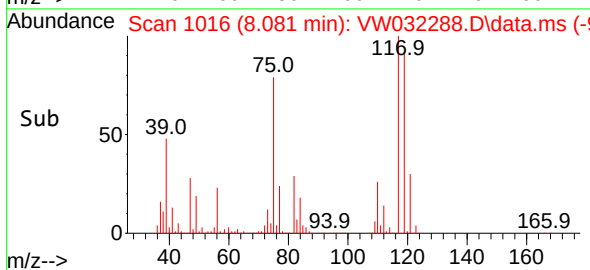
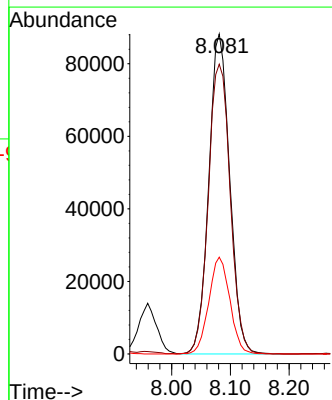
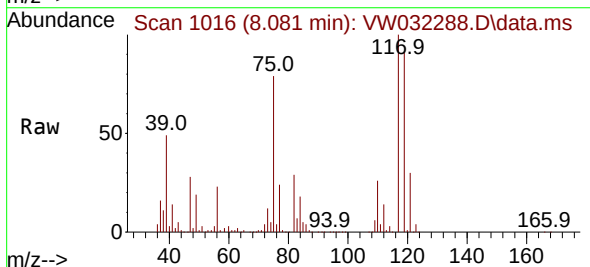
Instrument :  
MSVOA\_W  
ClientSampleId :

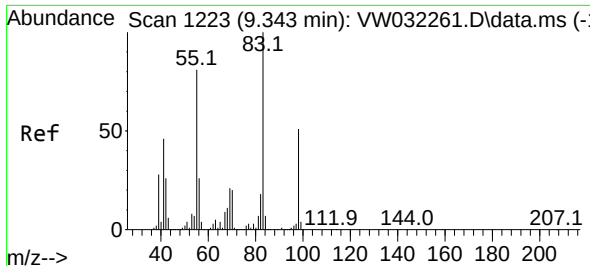
Tgt Ion: 43 Resp: 151660  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.5 15.7  
70 10.7 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 51.261 ug/l  
RT: 8.081 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 117 Resp: 218438  
Ion Ratio Lower Upper  
117 100  
119 90.5 73.9 110.9  
121 30.3 23.0 34.6

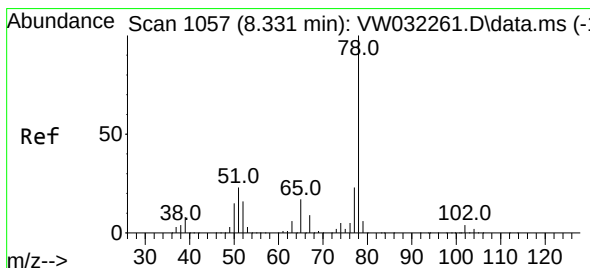
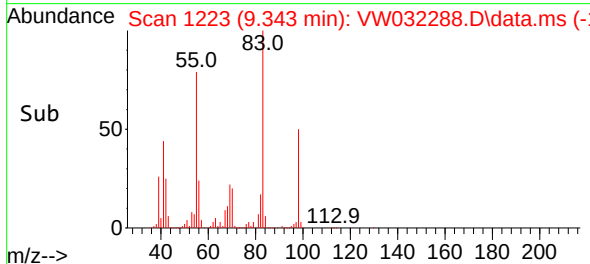
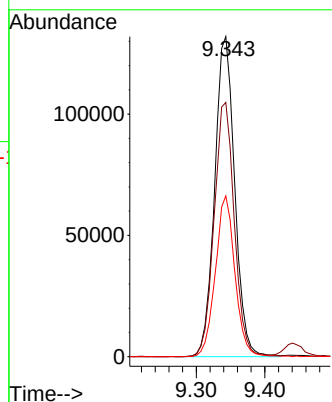
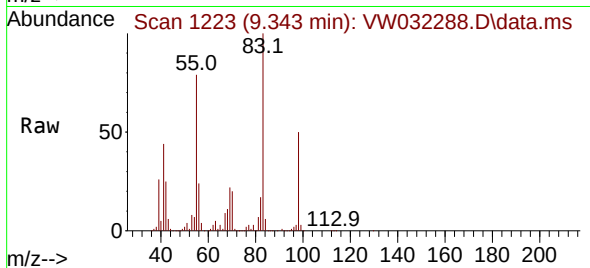




#39  
Methylcyclohexane  
Concen: 51.002 ug/l  
RT: 9.343 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

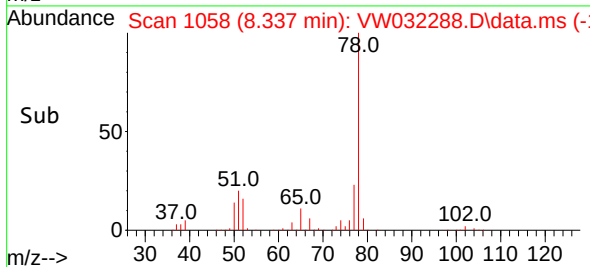
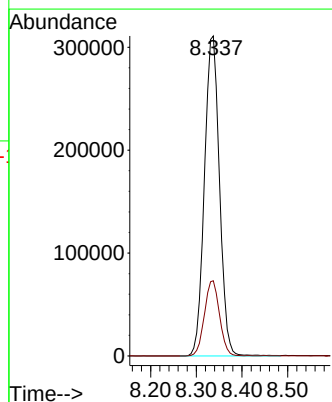
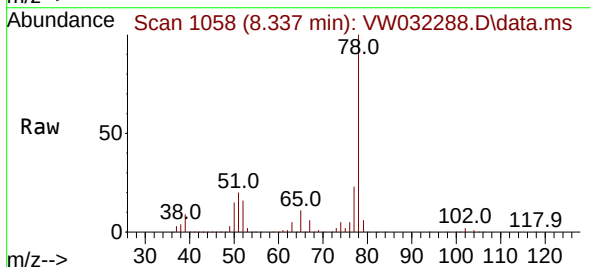
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 83 Resp: 267298  
Ion Ratio Lower Upper  
83 100  
55 79.4 65.0 97.6  
98 50.2 40.8 61.2

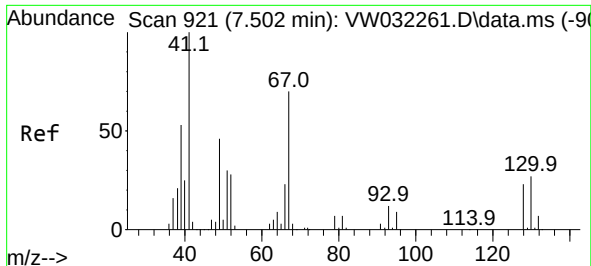


#40  
Benzene  
Concen: 49.920 ug/l  
RT: 8.337 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 78 Resp: 711714  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.7 28.1



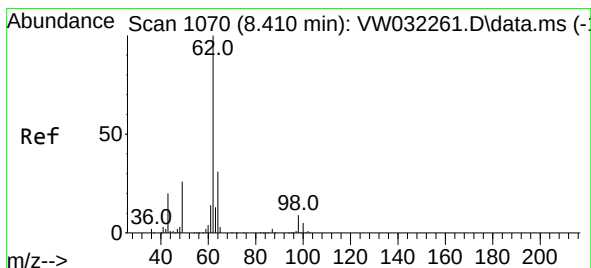
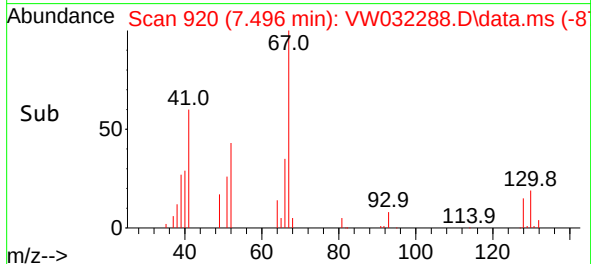
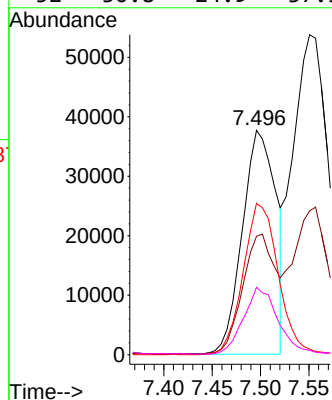
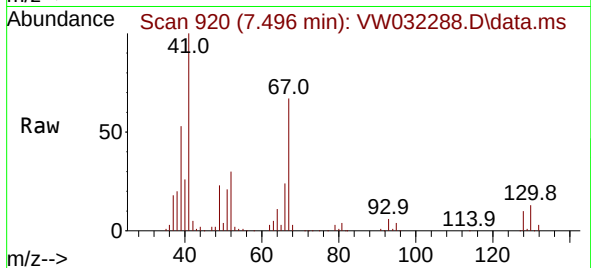




#41  
Methacrylonitrile  
Concen: 52.850 ug/l  
RT: 7.496 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

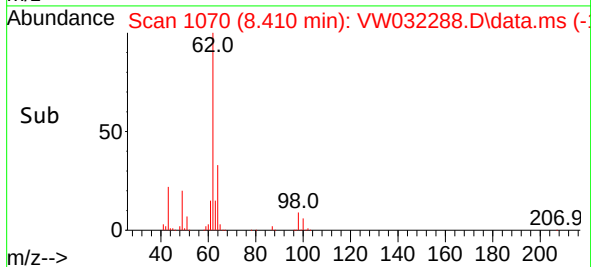
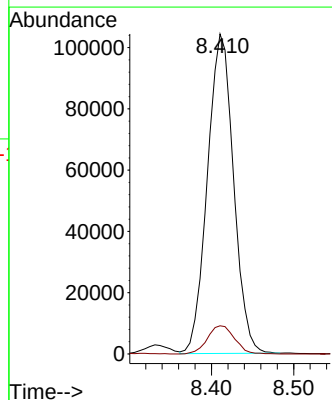
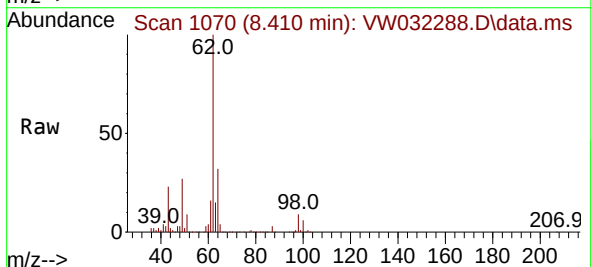
Instrument :  
MSVOA\_W  
ClientSampleId :

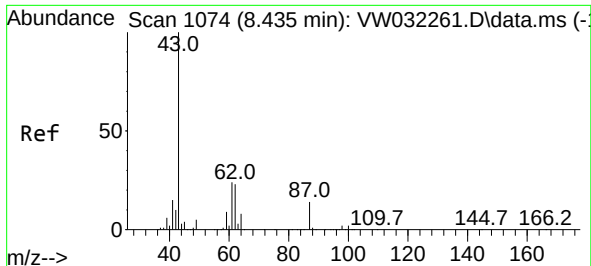
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 90924 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.0  | 46.9  | 70.3  |
| 67       | 71.3  | 59.0  | 88.4  |
| 52       | 30.8  | 24.9  | 37.3  |



#42  
1,2-Dichloroethane  
Concen: 48.683 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

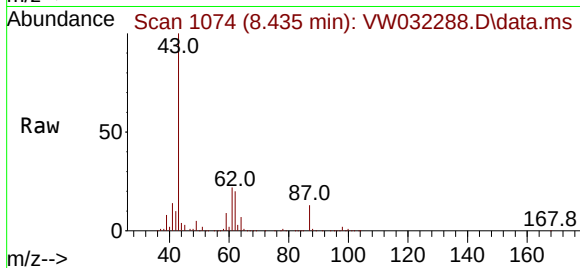
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 230706 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 18.4   |



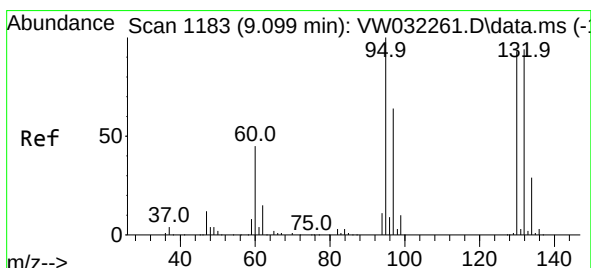
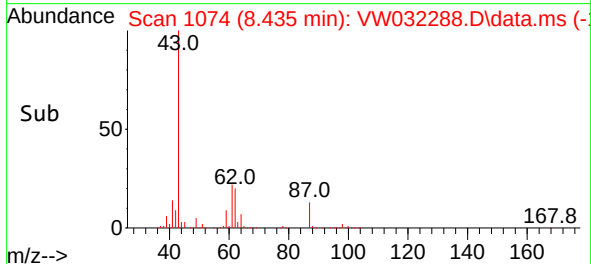
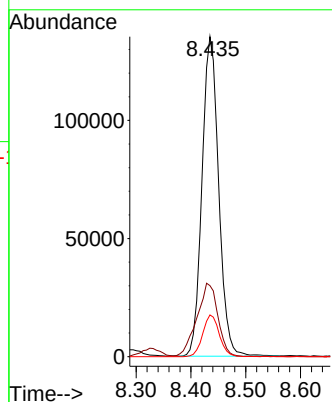


#43  
Isopropyl Acetate  
Concen: 53.127 ug/l  
RT: 8.435 min Scan# 1074  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Instrument :  
MSVOA\_W  
ClientSampleId :

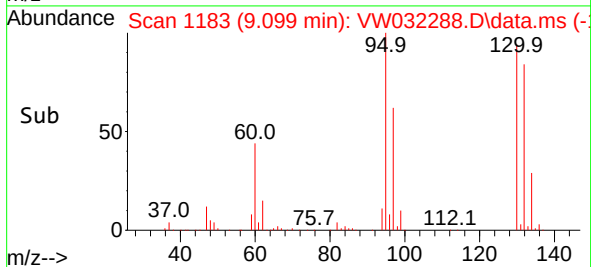
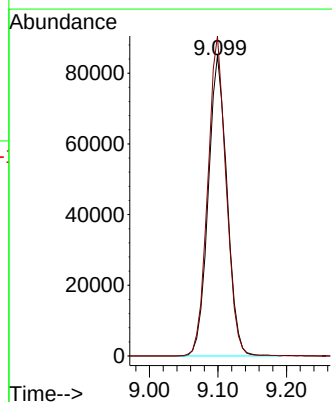
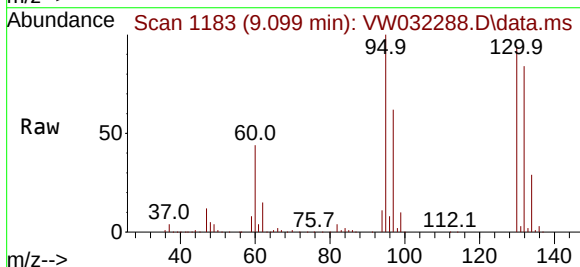


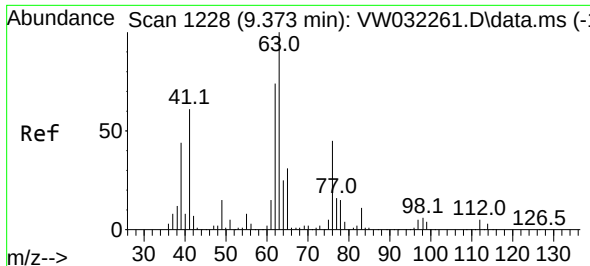
Tgt Ion: 43 Resp: 285674  
Ion Ratio Lower Upper  
43 100  
61 28.7 24.2 36.2  
87 13.0 10.6 16.0



#44  
Trichloroethene  
Concen: 48.601 ug/l  
RT: 9.099 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion:130 Resp: 161959  
Ion Ratio Lower Upper  
130 100  
95 106.4 0.0 215.2

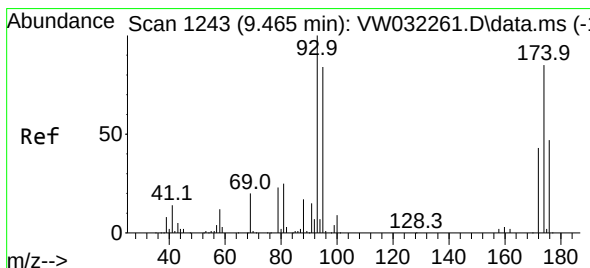
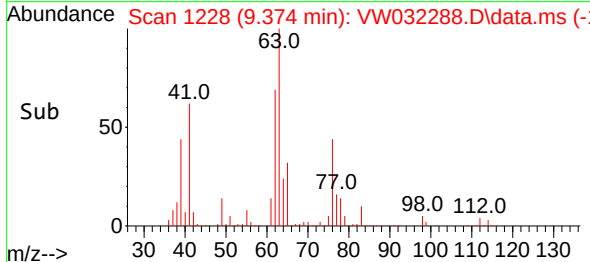
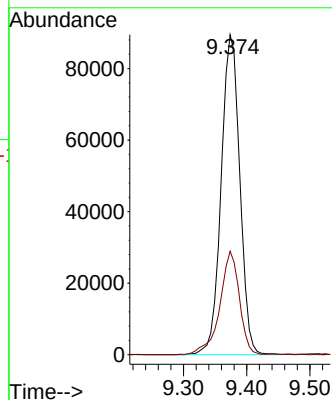
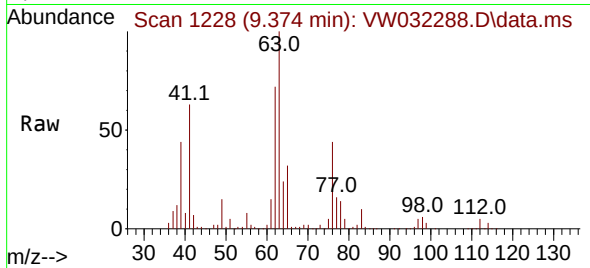




#45  
1,2-Dichloropropane  
Concen: 49.465 ug/l  
RT: 9.374 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

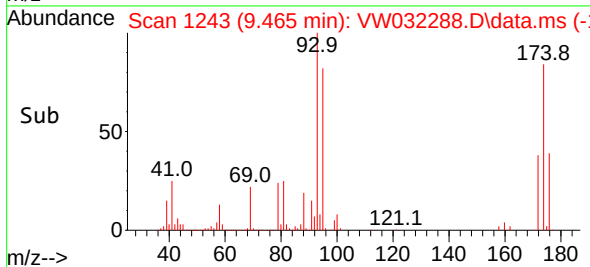
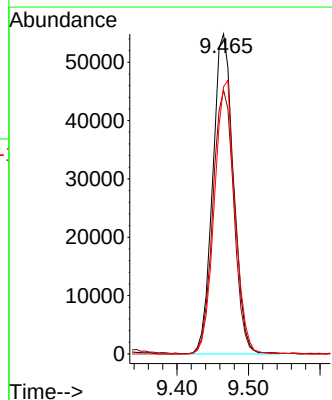
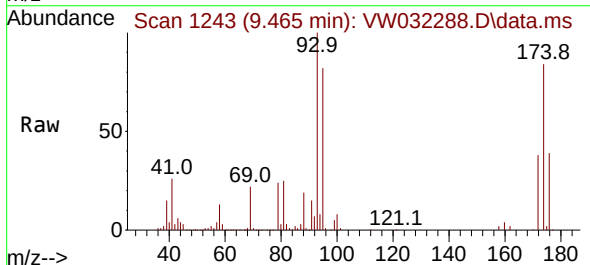
Instrument :  
MSVOA\_W  
ClientSampleId :

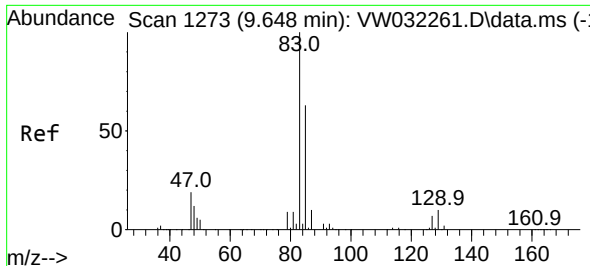
Tgt Ion: 63 Resp: 182651  
Ion Ratio Lower Upper  
63 100  
65 32.2 24.9 37.3



#46  
Dibromomethane  
Concen: 48.794 ug/l  
RT: 9.465 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

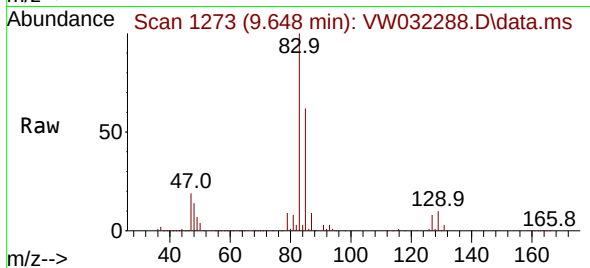
Tgt Ion: 93 Resp: 110775  
Ion Ratio Lower Upper  
93 100  
95 83.1 66.6 99.8  
174 84.7 69.0 103.6



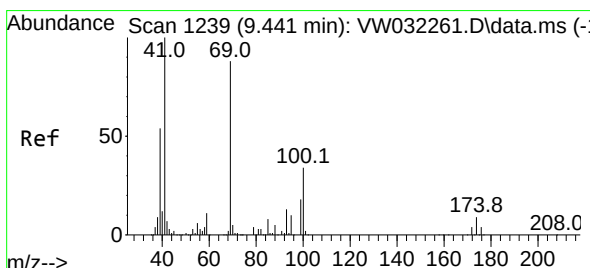
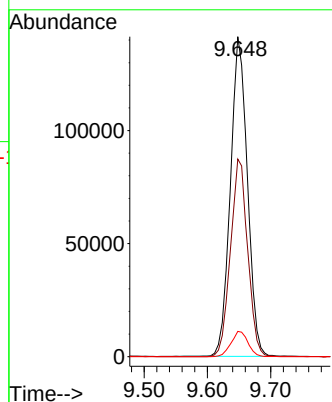
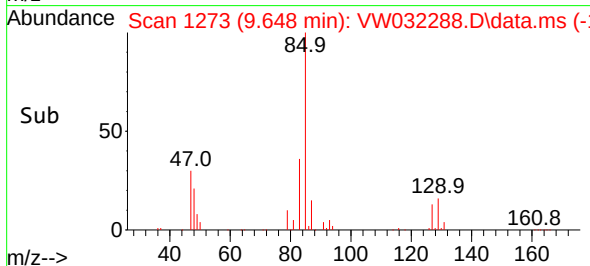


#47  
Bromodichloromethane  
Concen: 51.016 ug/l  
RT: 9.648 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Instrument :  
MSVOA\_W  
ClientSampleId :

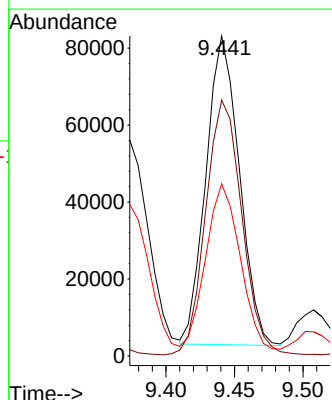
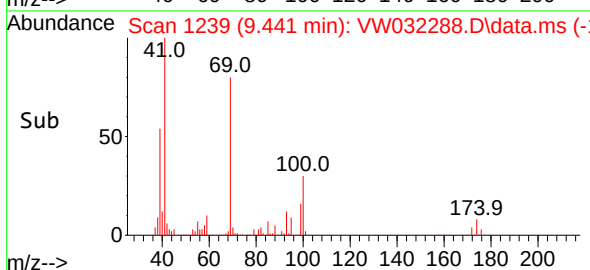
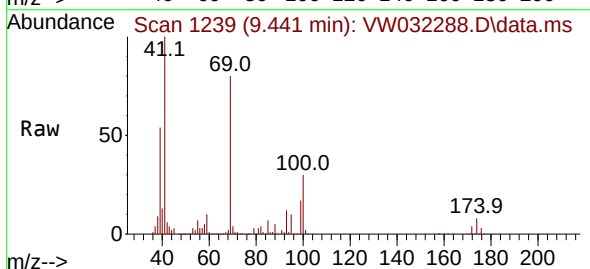


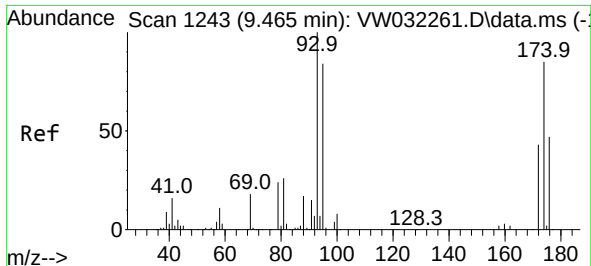
Tgt Ion: 83 Resp: 264163  
Ion Ratio Lower Upper  
83 100  
85 61.8 50.3 75.5  
127 7.9 5.6 8.4



#48  
Methyl methacrylate  
Concen: 53.740 ug/l  
RT: 9.441 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 41 Resp: 135950  
Ion Ratio Lower Upper  
41 100  
69 89.7 71.4 107.0  
39 54.9 46.9 70.3





#49

1,4-Dioxane

Concen: 1086.319 ug/l

RT: 9.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :

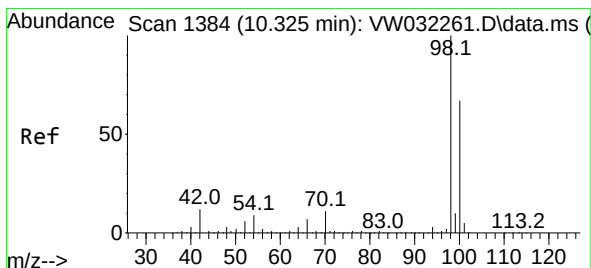
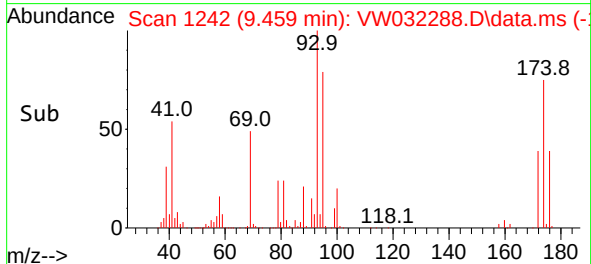
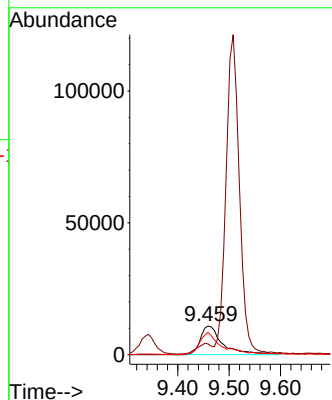
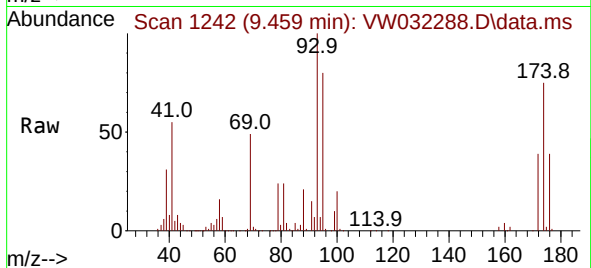
Tgt Ion: 88 Resp: 33030

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 79.7 62.9 94.3



#50

Toluene-d8

Concen: 47.496 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032288.D

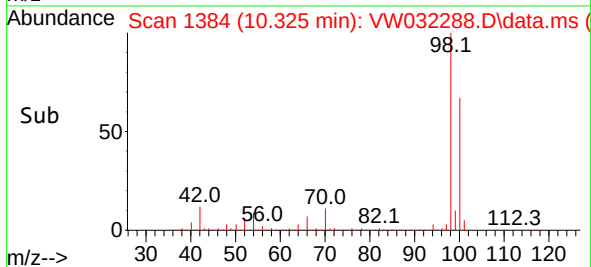
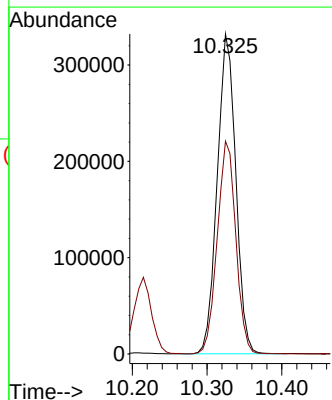
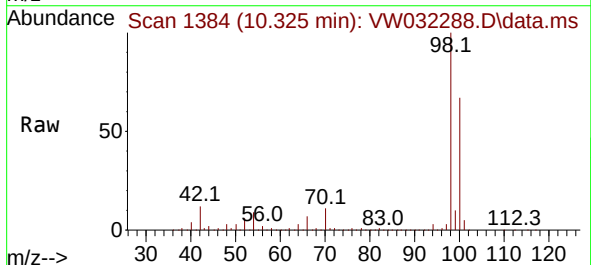
Acq: 29 Sep 2025 09:18

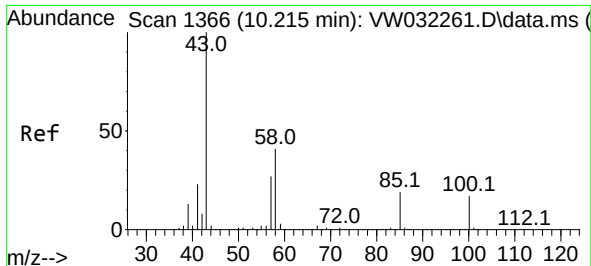
Tgt Ion: 98 Resp: 575073

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

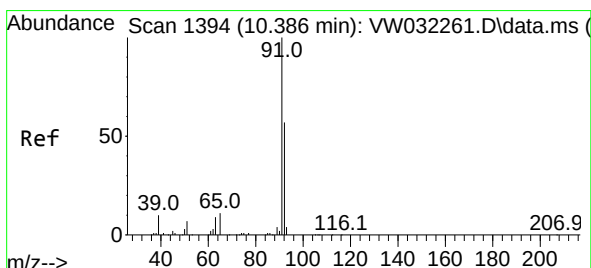
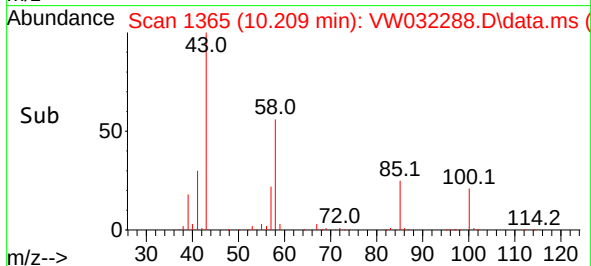
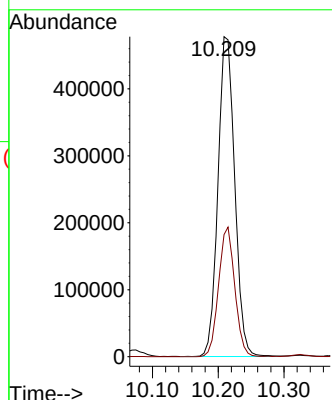
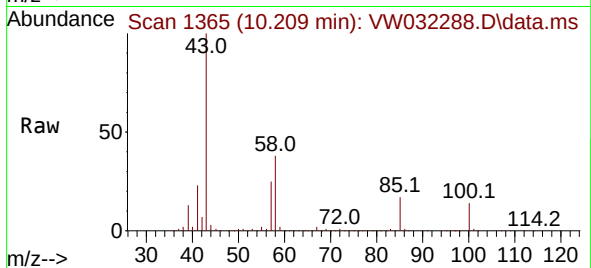




#51  
4-Methyl-2-Pentanone  
Concen: 265.923 ug/l  
RT: 10.209 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

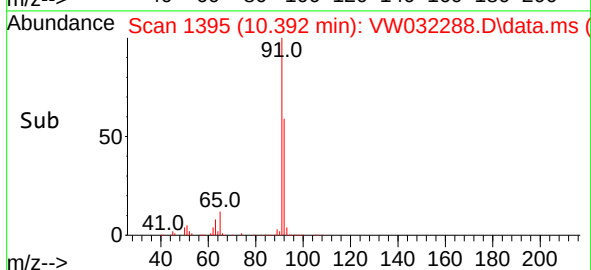
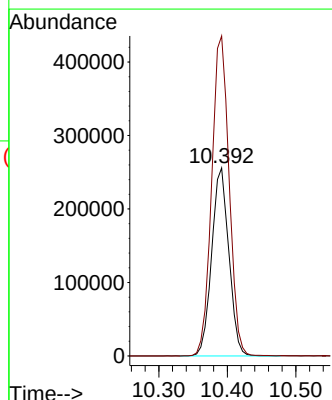
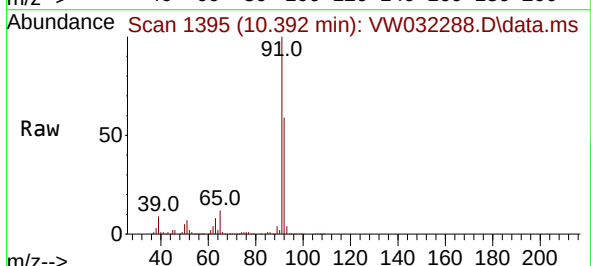
Instrument :  
MSVOA\_W  
ClientSampleId :

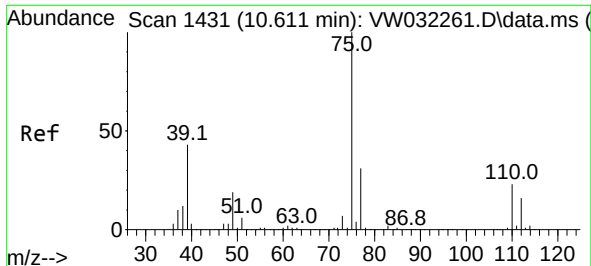
Tgt Ion: 43 Resp: 847818  
Ion Ratio Lower Upper  
43 100  
58 39.1 32.3 48.5



#52  
Toluene  
Concen: 50.170 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 92 Resp: 443327  
Ion Ratio Lower Upper  
92 100  
91 173.4 139.2 208.8

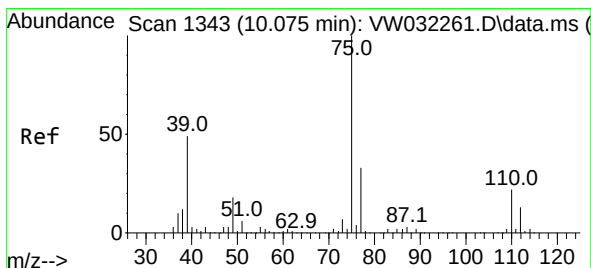
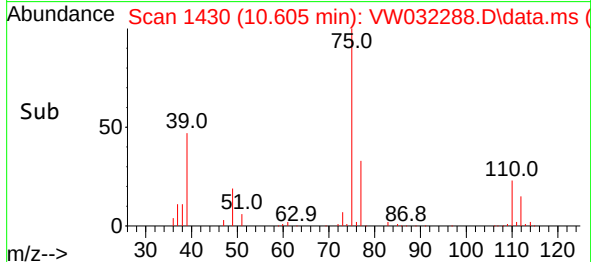
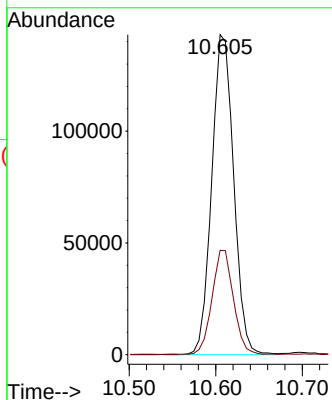
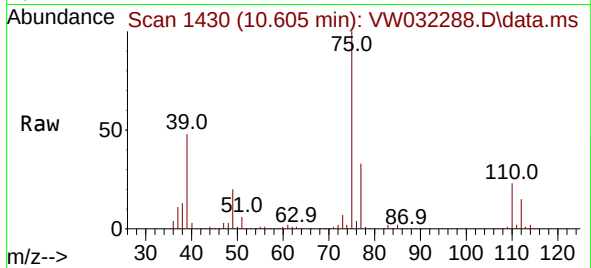




#53  
 t-1,3-Dichloropropene  
 Concen: 53.132 ug/l  
 RT: 10.605 min Scan# 1431  
 Delta R.T. -0.006 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

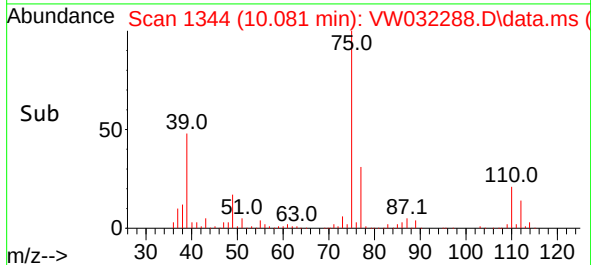
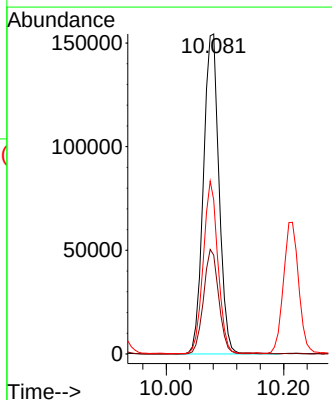
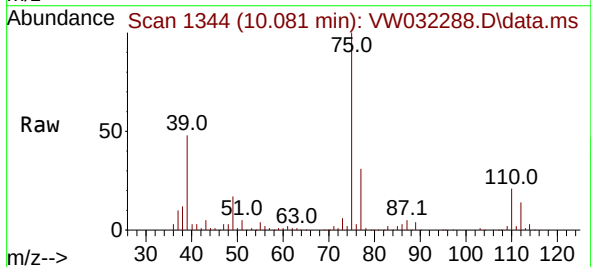
Instrument :  
 MSVOA\_W  
 ClientSampleId :

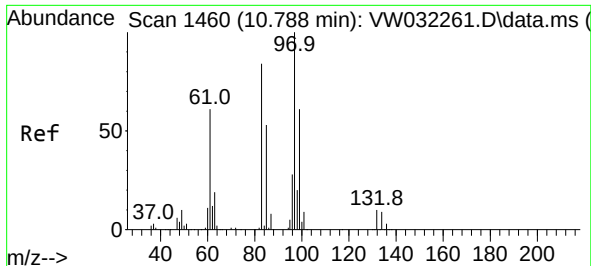
Tgt Ion: 75 Resp: 252066  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 24.6 37.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.022 ug/l  
 RT: 10.081 min Scan# 1344  
 Delta R.T. 0.006 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

Tgt Ion: 75 Resp: 284928  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 26.2 39.4  
 39 48.0 39.0 58.6

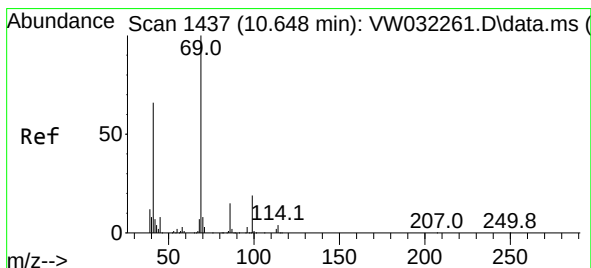
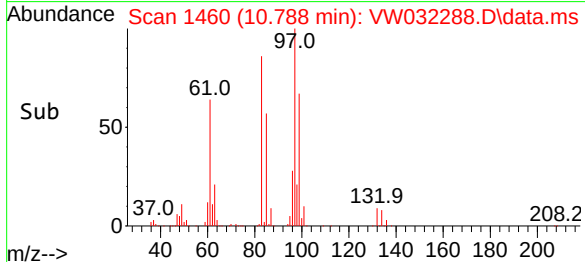
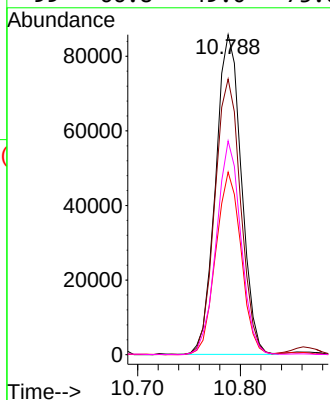
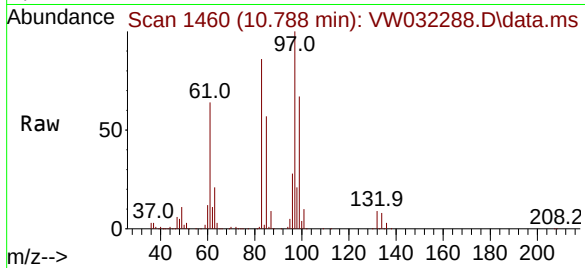




#55  
1,1,2-Trichloroethane  
Concen: 48.154 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

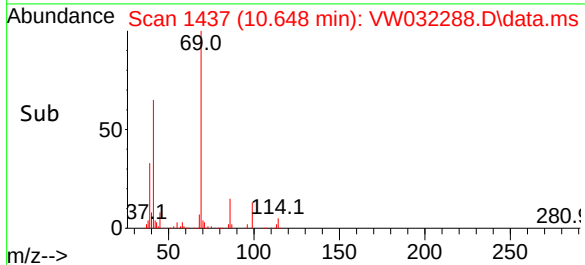
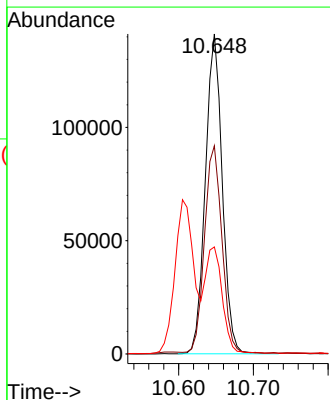
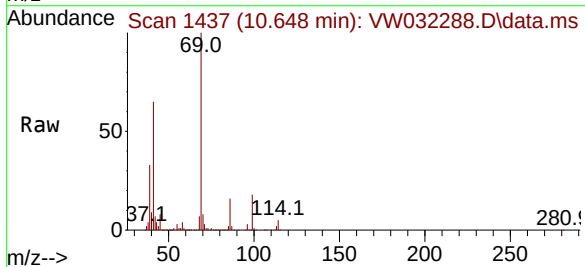
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 97 Resp: 149223  
Ion Ratio Lower Upper  
97 100  
83 86.2 67.4 101.2  
85 57.1 42.0 63.0  
99 66.8 49.0 73.6

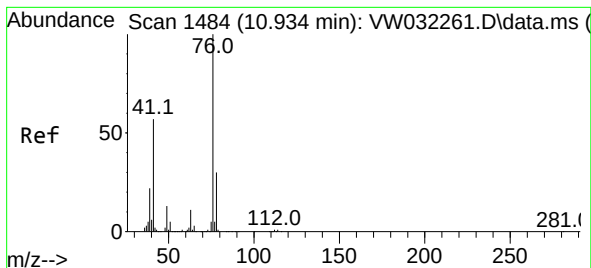


#56  
Ethyl methacrylate  
Concen: 54.343 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 69 Resp: 221823  
Ion Ratio Lower Upper  
69 100  
41 66.7 54.7 82.1  
39 33.1 26.3 39.5

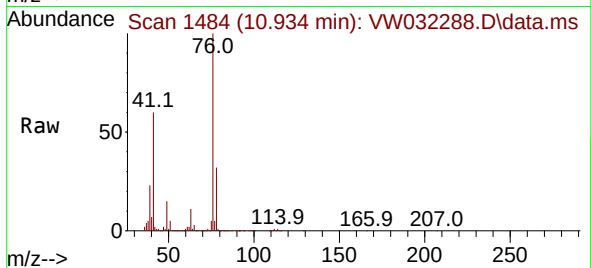




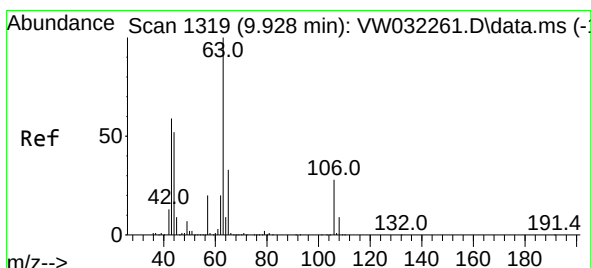
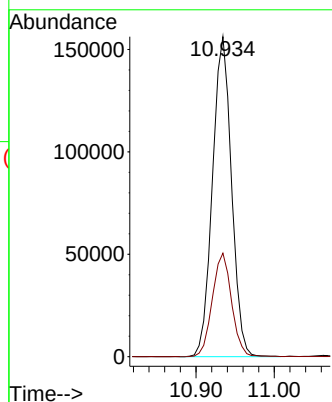
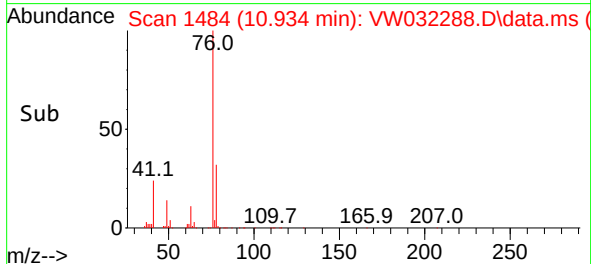


#57  
1,3-Dichloropropane  
Concen: 49.301 ug/l  
RT: 10.934 min Scan# 1484  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

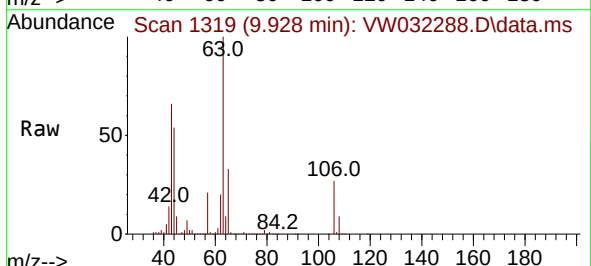
Instrument :  
MSVOA\_W  
ClientSampleId :



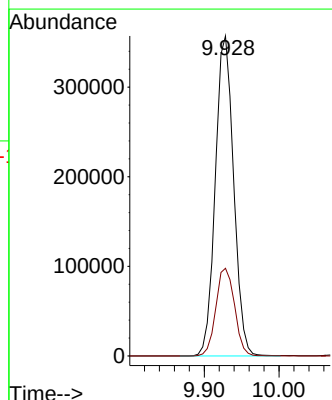
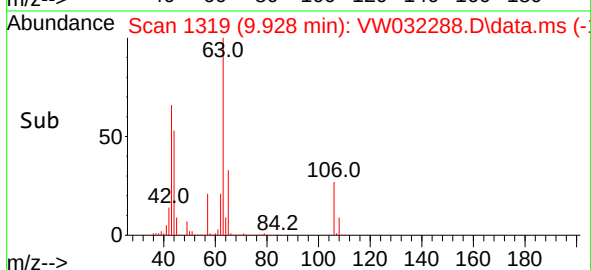
Tgt Ion: 76 Resp: 263928  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.3 37.9

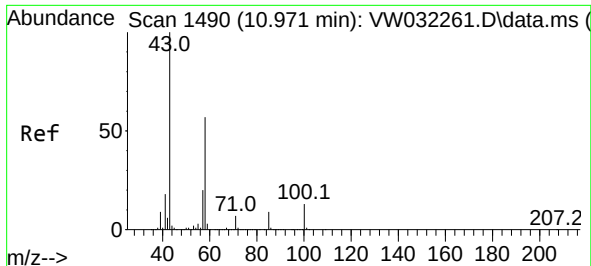


#58  
2-Chloroethyl Vinyl ether  
Concen: 271.730 ug/l  
RT: 9.928 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18



Tgt Ion: 63 Resp: 608876  
Ion Ratio Lower Upper  
63 100  
106 28.1 22.5 33.7





#59

2-Hexanone

Concen: 271.306 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

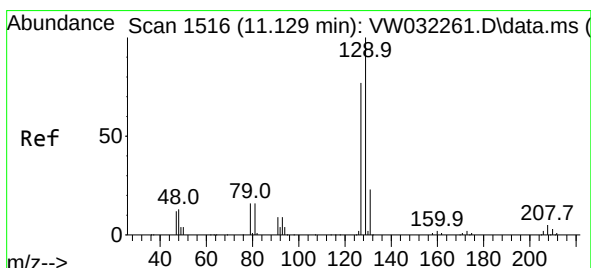
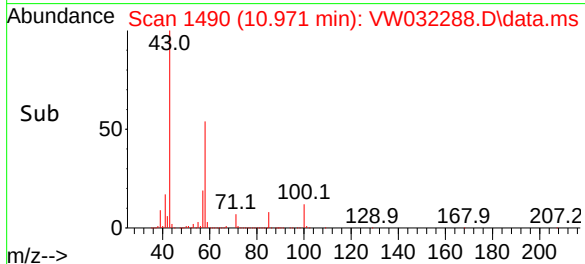
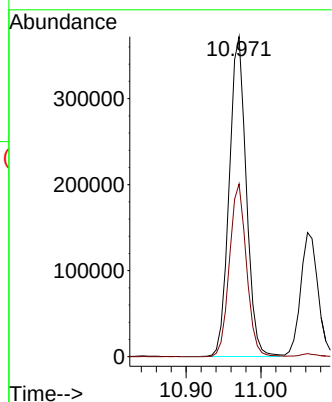
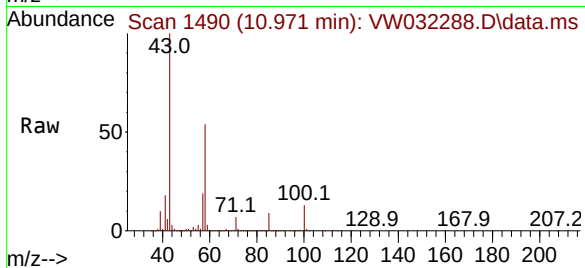
ClientSampleId :

Tgt Ion: 43 Resp: 590687

Ion Ratio Lower Upper

43 100

58 53.9 27.9 83.6



#60

Dibromochloromethane

Concen: 51.967 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW032288.D

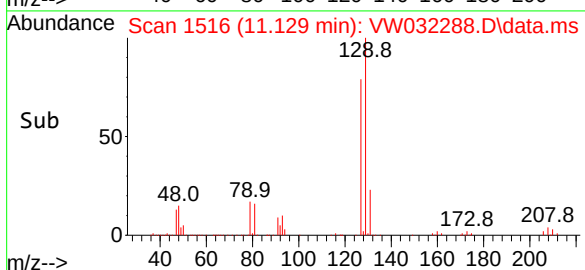
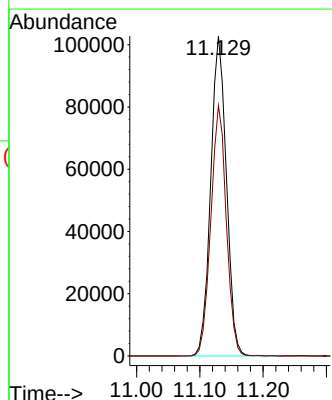
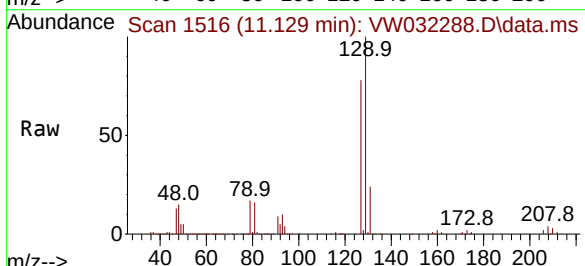
Acq: 29 Sep 2025 09:18

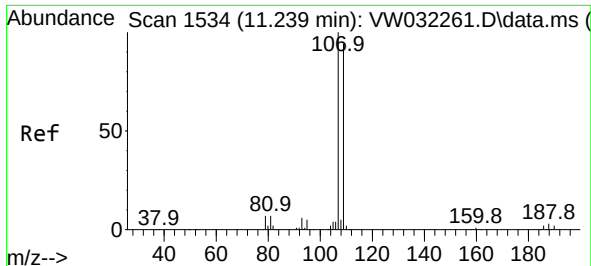
Tgt Ion:129 Resp: 176856

Ion Ratio Lower Upper

129 100

127 77.3 39.3 117.8

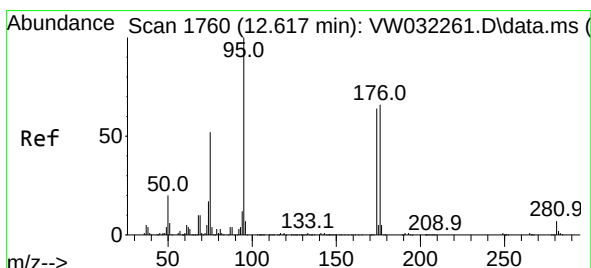
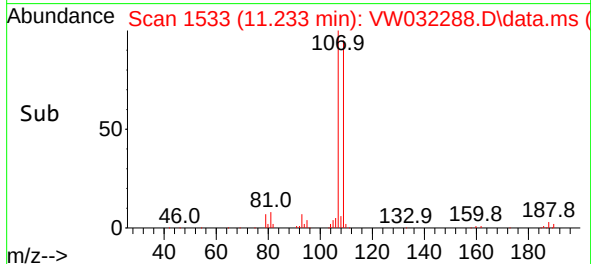
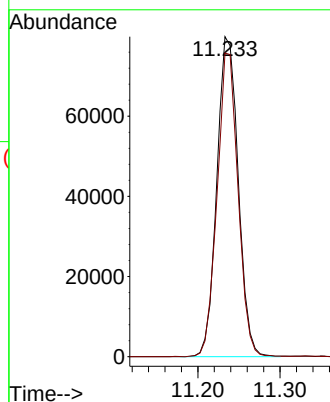
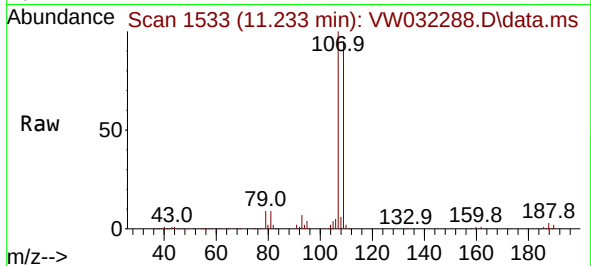




#61  
1,2-Dibromoethane  
Concen: 49.168 ug/l  
RT: 11.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

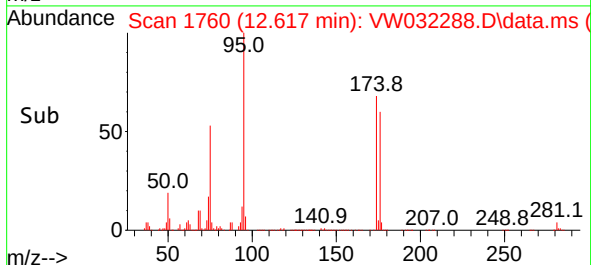
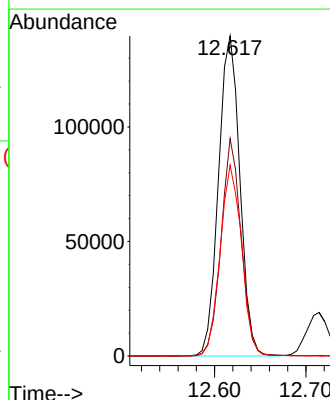
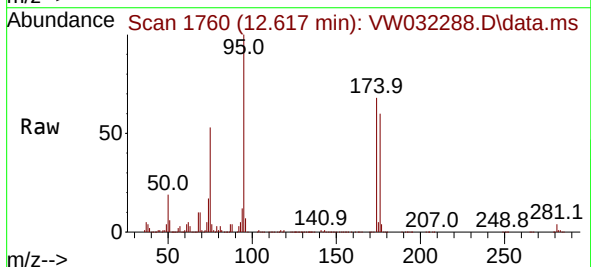
Instrument :  
MSVOA\_W  
ClientSampleId :

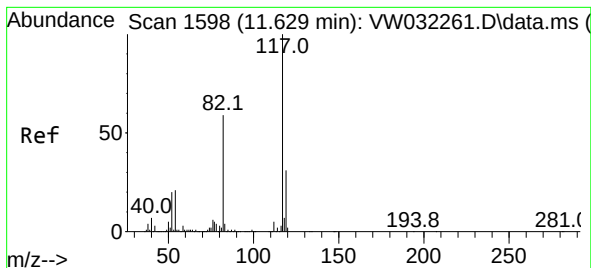
Tgt Ion:107 Resp: 144351  
Ion Ratio Lower Upper  
107 100  
109 93.0 74.1 111.1



#62  
4-Bromofluorobenzene  
Concen: 49.794 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

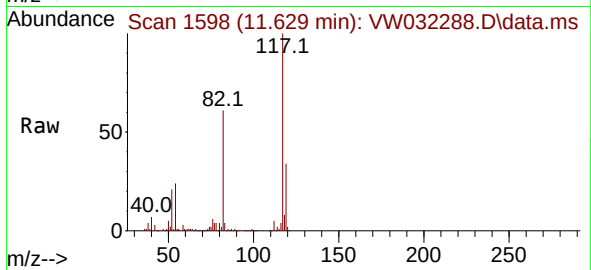
Tgt Ion: 95 Resp: 227412  
Ion Ratio Lower Upper  
95 100  
174 63.7 0.0 130.6  
176 59.8 0.0 127.0



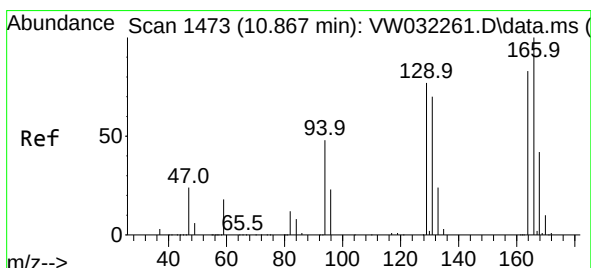
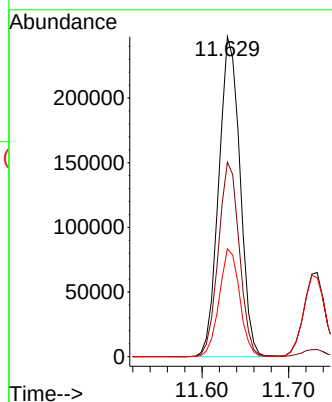
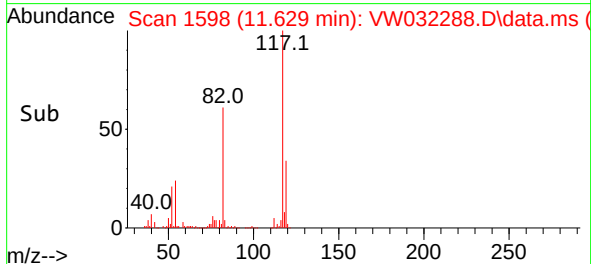


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

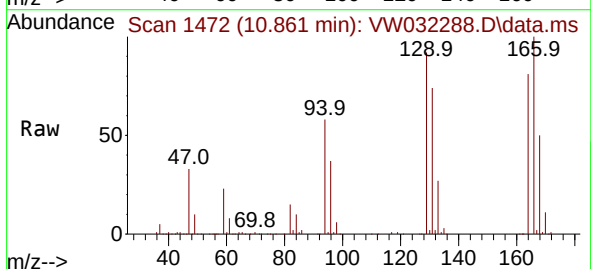
Instrument :  
MSVOA\_W  
ClientSampleId :



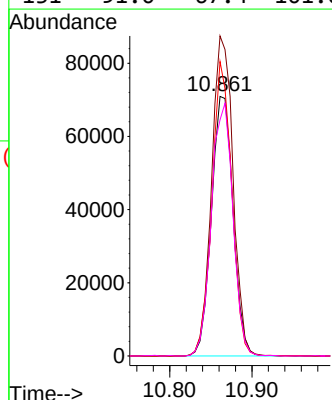
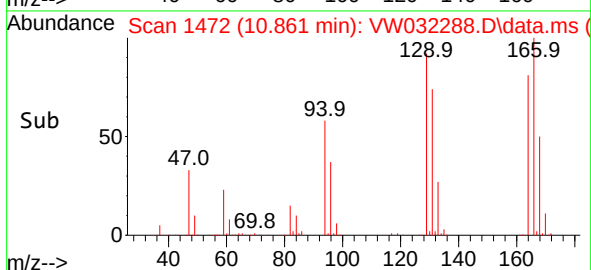
Tgt Ion:117 Resp: 421624  
Ion Ratio Lower Upper  
117 100  
82 60.8 46.9 70.3  
119 33.7 24.9 37.3

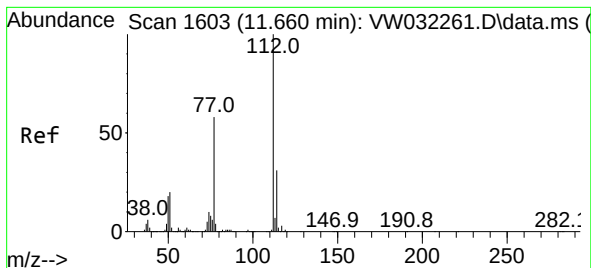


#64  
Tetrachloroethene  
Concen: 50.200 ug/l  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.006 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18



Tgt Ion:164 Resp: 128984  
Ion Ratio Lower Upper  
164 100  
166 123.3 96.9 145.3  
129 113.4 75.0 112.4#  
131 91.0 67.4 101.0





#65

Chlorobenzene

Concen: 50.177 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

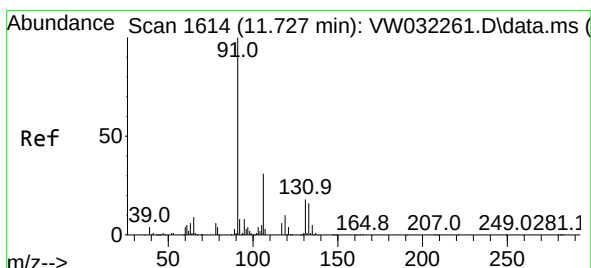
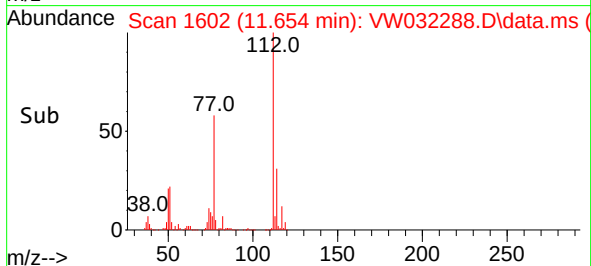
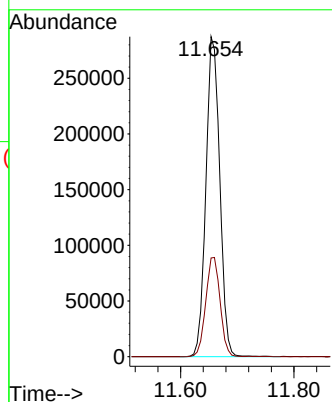
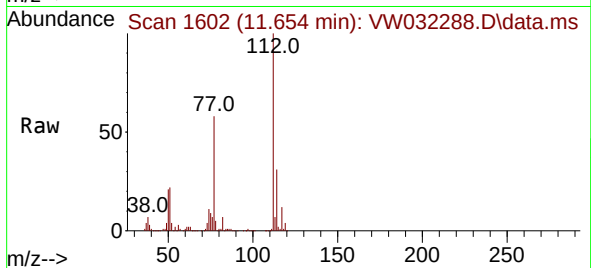
ClientSampleId :

Tgt Ion:112 Resp: 487313

Ion Ratio Lower Upper

112 100

114 30.8 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 53.078 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

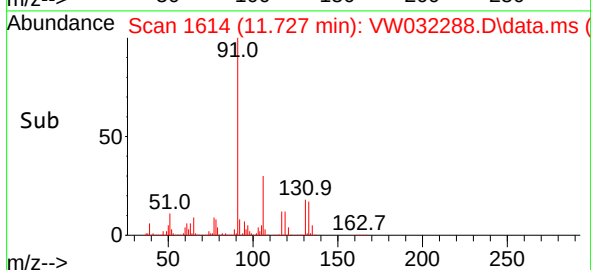
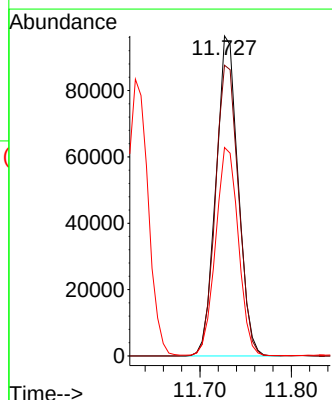
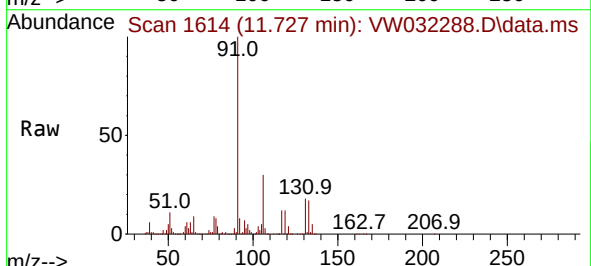
Tgt Ion:131 Resp: 163026

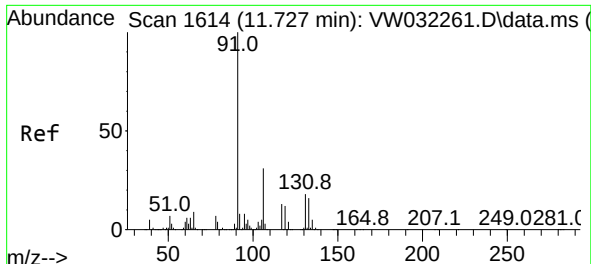
Ion Ratio Lower Upper

131 100

133 94.7 47.1 141.3

119 66.8 33.9 101.7





#67

Ethyl Benzene

Concen: 53.716 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

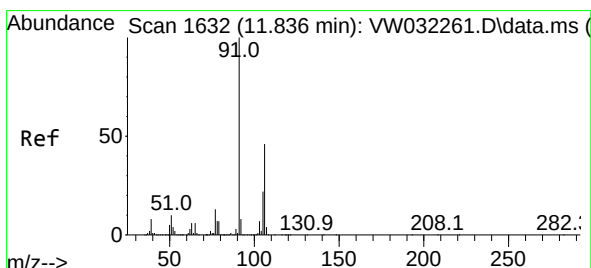
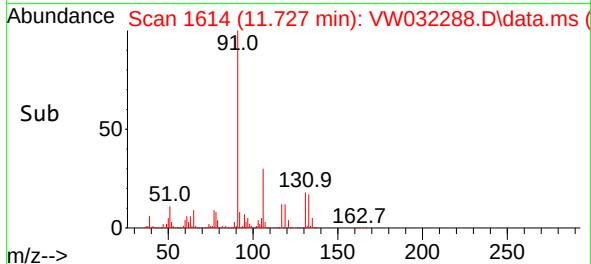
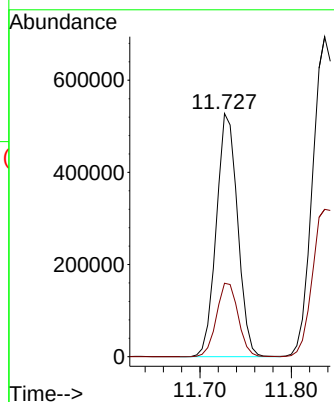
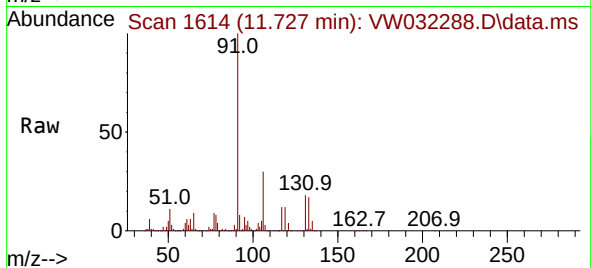
ClientSampleId :

Tgt Ion: 91 Resp: 853905

Ion Ratio Lower Upper

91 100

106 30.2 24.7 37.1



#68

m/p-Xylenes

Concen: 104.995 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032288.D

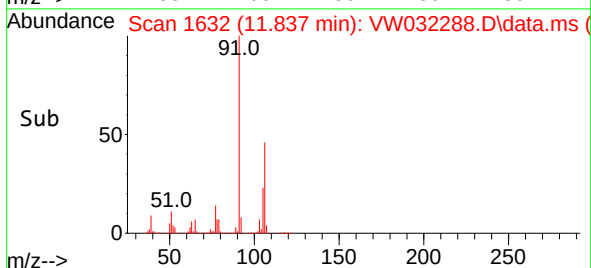
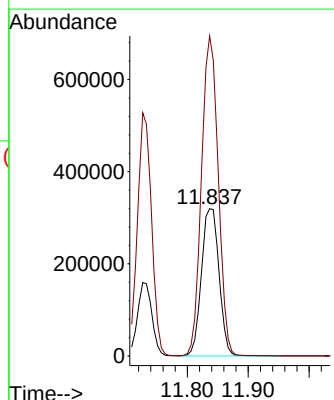
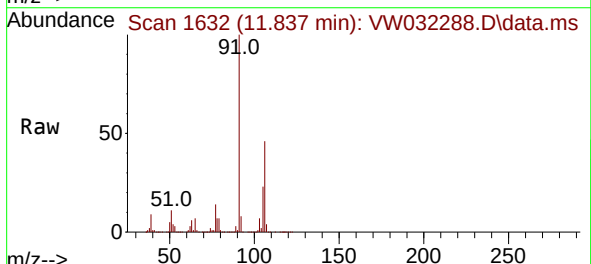
Acq: 29 Sep 2025 09:18

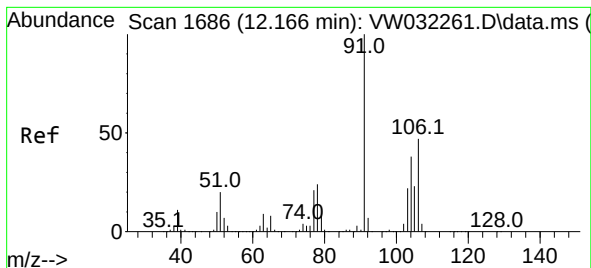
Tgt Ion:106 Resp: 639810

Ion Ratio Lower Upper

106 100

91 207.5 169.0 253.4





#69

o-Xylene

Concen: 53.795 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

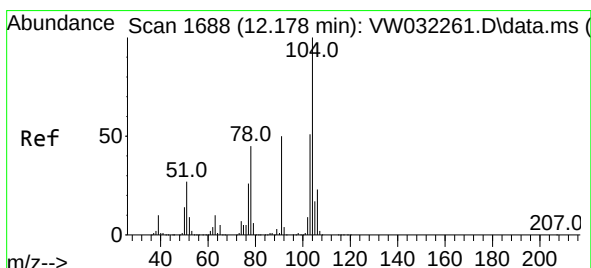
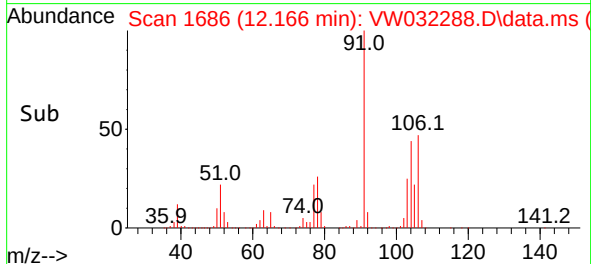
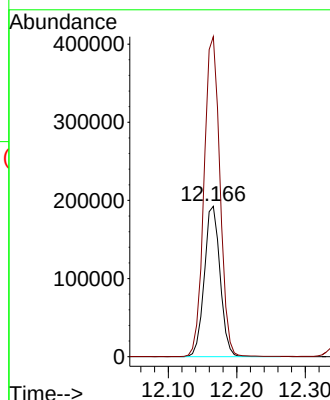
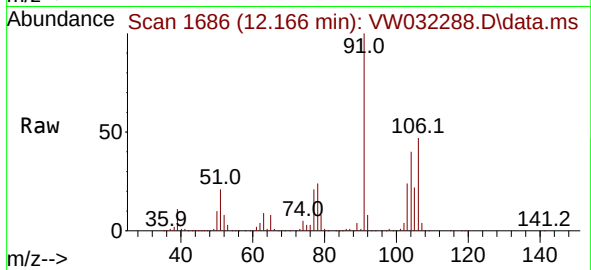
ClientSampleId :

Tgt Ion:106 Resp: 308080

Ion Ratio Lower Upper

106 100

91 215.3 107.8 323.6



#70

Styrene

Concen: 54.596 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

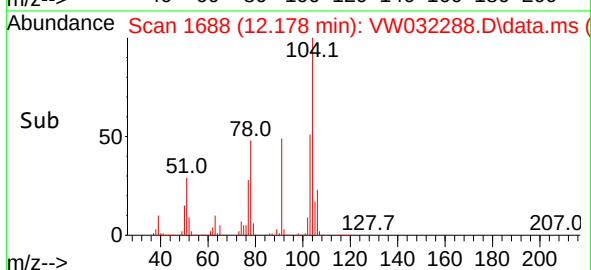
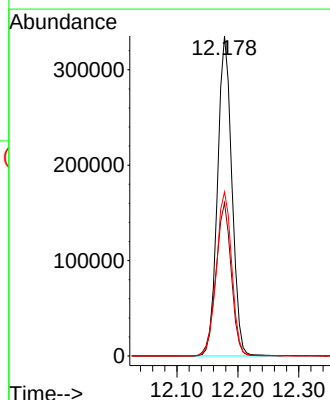
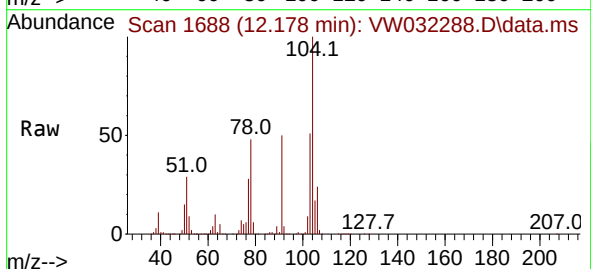
Tgt Ion:104 Resp: 548303

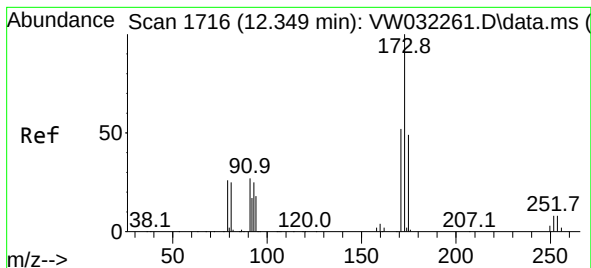
Ion Ratio Lower Upper

104 100

78 51.1 40.8 61.2

103 54.9 43.4 65.2





#71

Bromoform

Concen: 54.762 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032288.D

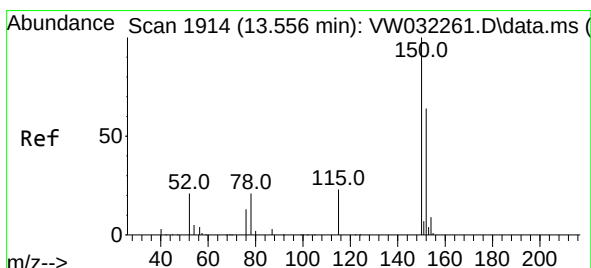
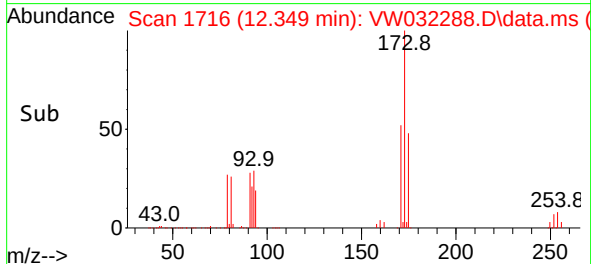
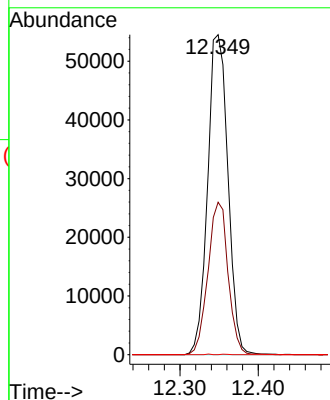
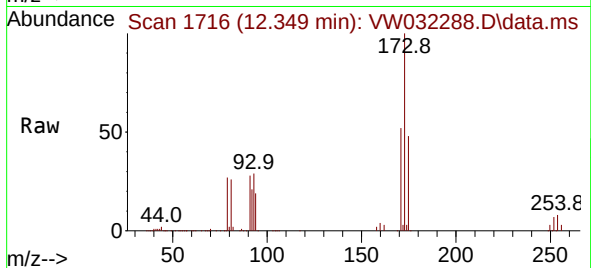
Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 98017     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 47.3  | 23.1 69.2 |
| 254         | 0.1   | 0.1 0.1#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

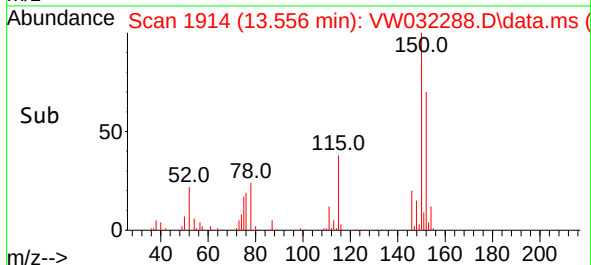
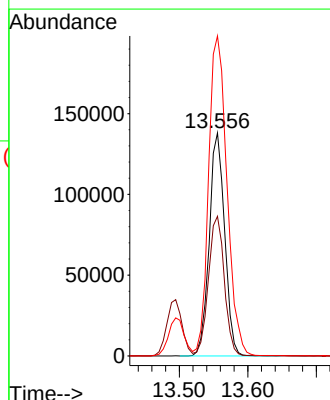
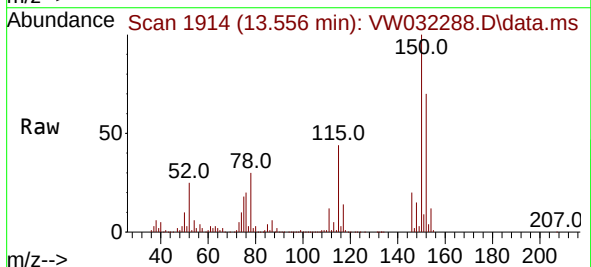
RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

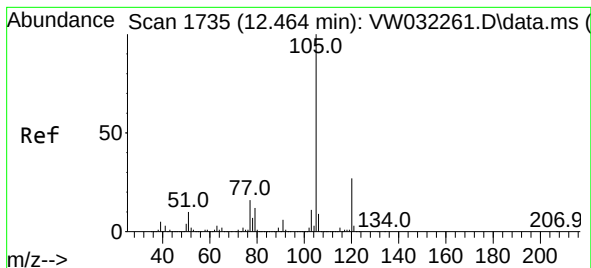
Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 216076    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 64.3  | 32.5 97.5 |
| 150         | 170.5 | 0.0 370.2 |







#73

Isopropylbenzene

Concen: 52.322 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

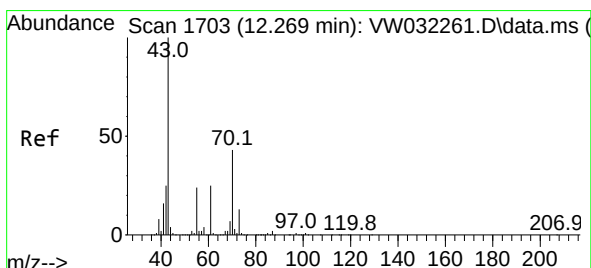
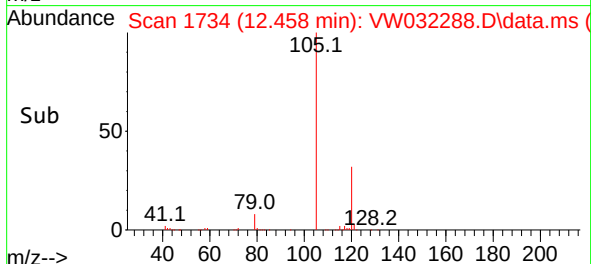
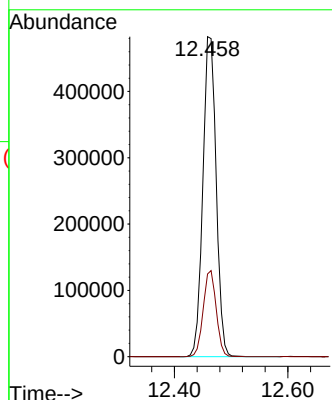
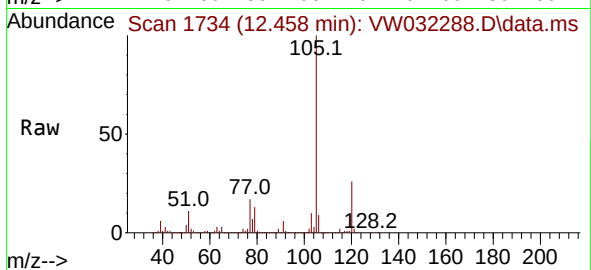
ClientSampleId :

Tgt Ion:105 Resp: 786889

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 54.794 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Tgt Ion: 43 Resp: 259511

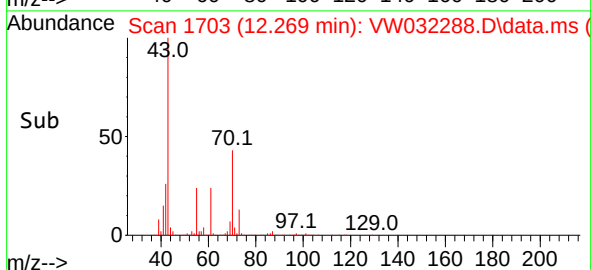
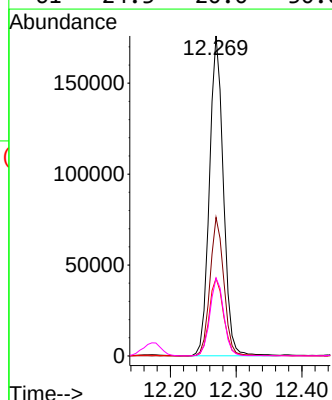
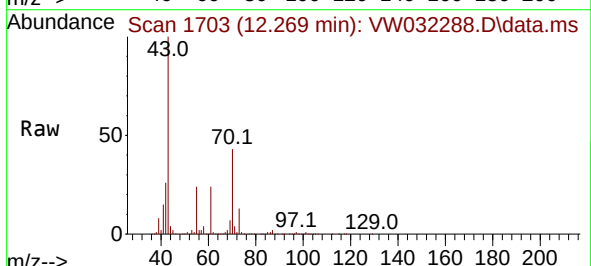
Ion Ratio Lower Upper

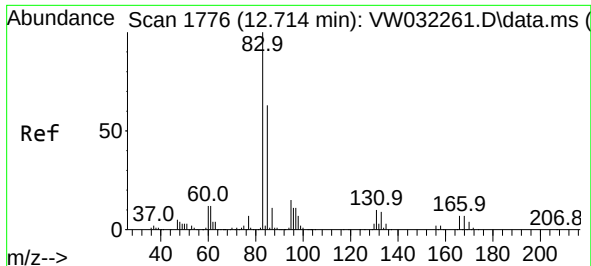
43 100

70 43.1 35.0 52.4

55 25.3 20.6 31.0

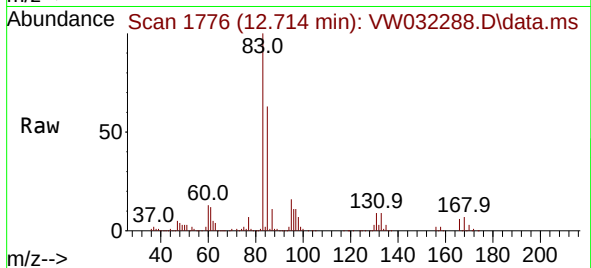
61 24.3 20.0 30.0



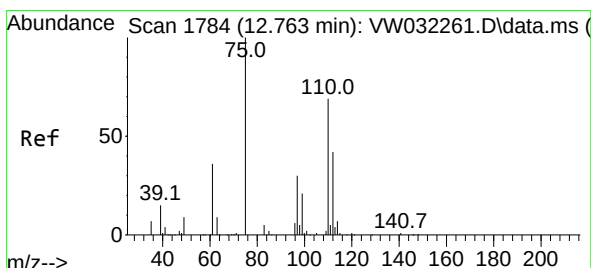
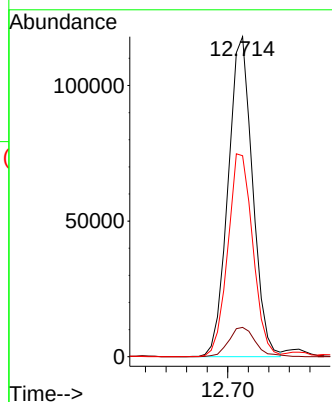
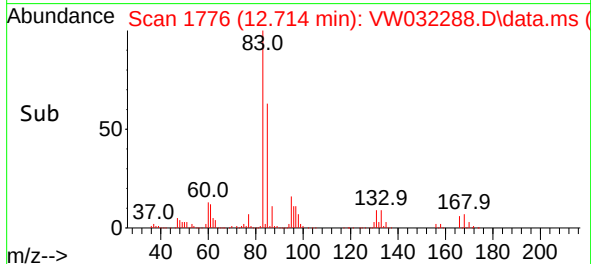


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.534 ug/l  
 RT: 12.714 min Scan# 1776  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

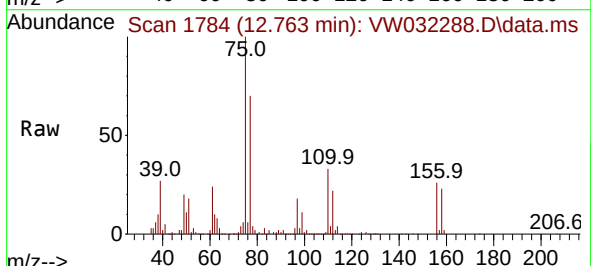
Instrument :  
 MSVOA\_W  
 ClientSampleId :



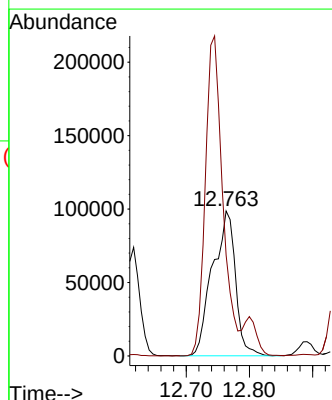
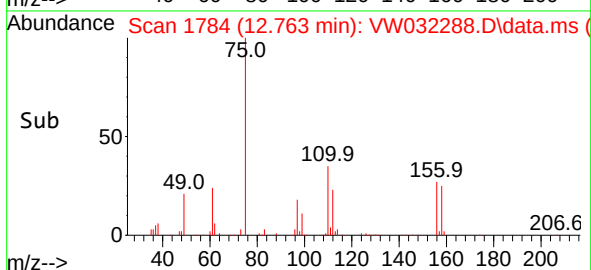
Tgt Ion: 83 Resp: 195317  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 4.9 14.7  
 85 64.8 31.9 95.7

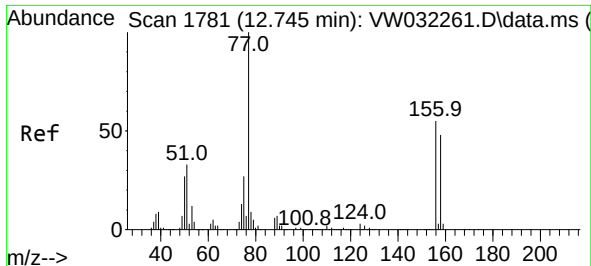


#76  
 1,2,3-Trichloropropane  
 Concen: 83.370 ug/l  
 RT: 12.763 min Scan# 1784  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18



Tgt Ion: 75 Resp: 247833  
 Ion Ratio Lower Upper  
 75 100  
 77 167.7 140.9 422.7

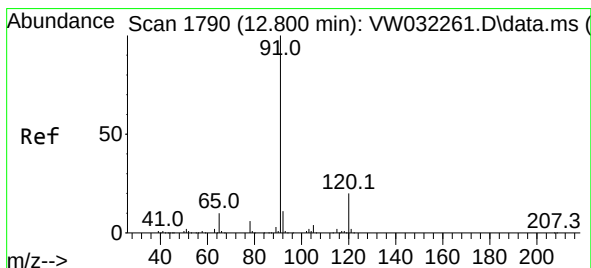
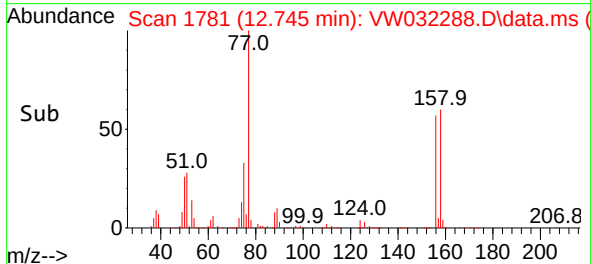
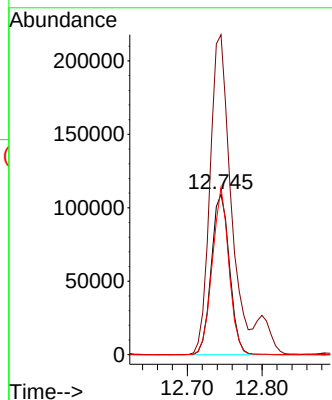
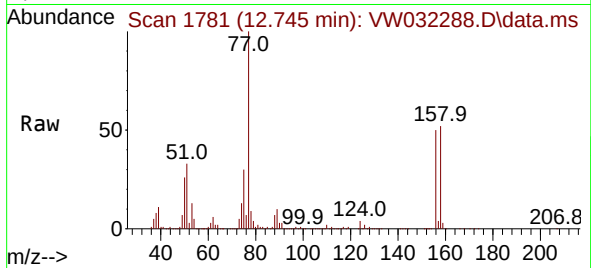




#77  
Bromobenzene  
Concen: 49.972 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

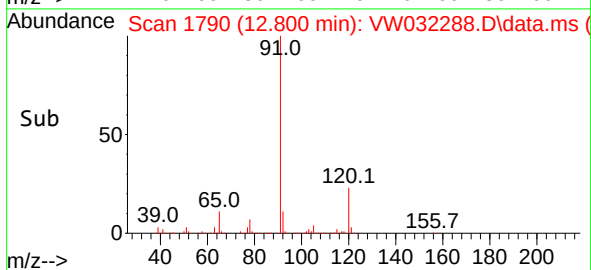
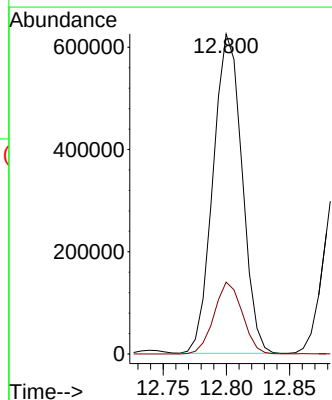
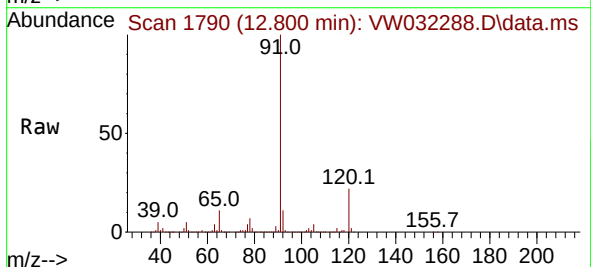
Instrument :  
MSVOA\_W  
ClientSampleId :

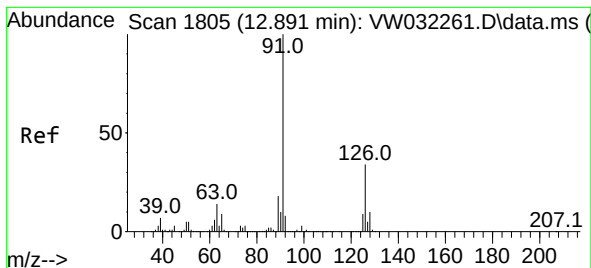
Tgt Ion:156 Resp: 184851  
Ion Ratio Lower Upper  
156 100  
77 224.8 103.3 309.8  
158 95.7 45.4 136.2



#78  
n-propylbenzene  
Concen: 52.650 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 91 Resp: 994588  
Ion Ratio Lower Upper  
91 100  
120 21.9 10.9 32.9

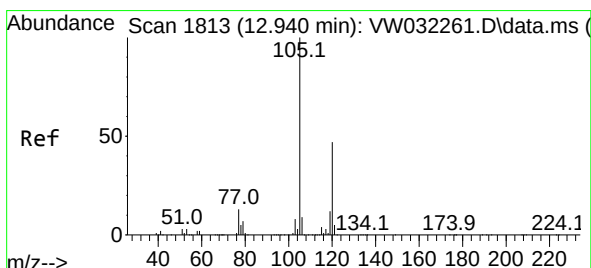
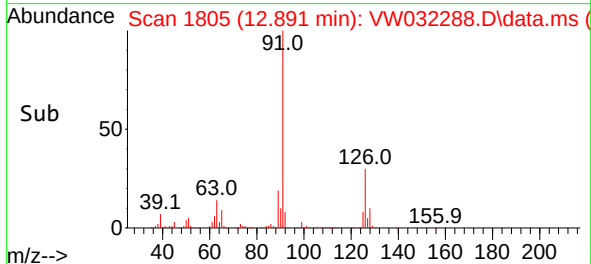
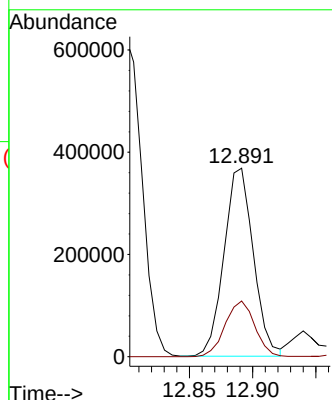
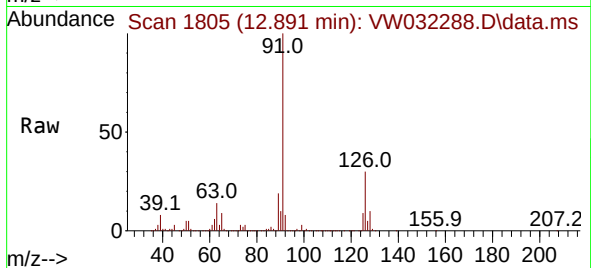




#79  
2-Chlorotoluene  
Concen: 52.018 ug/l  
RT: 12.891 min Scan# 1805  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

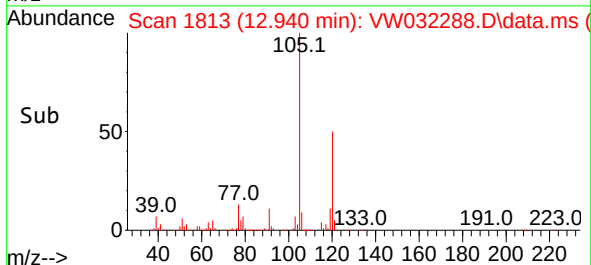
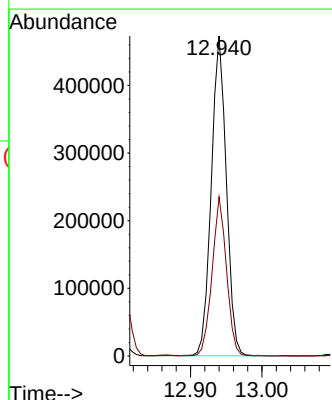
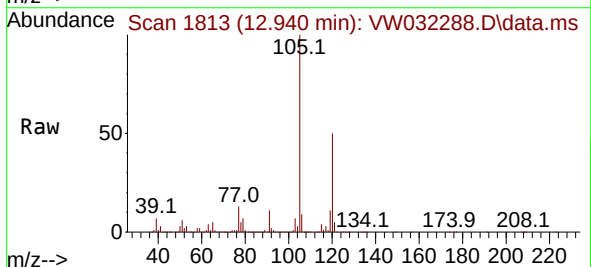
Instrument :  
MSVOA\_W  
ClientSampleId :

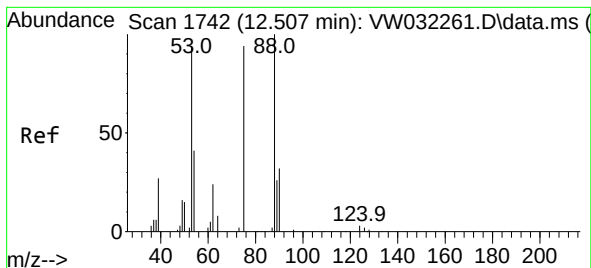
Tgt Ion: 91 Resp: 595261  
Ion Ratio Lower Upper  
91 100  
126 30.0 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 53.634 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion: 105 Resp: 689618  
Ion Ratio Lower Upper  
105 100  
120 47.7 24.1 72.2

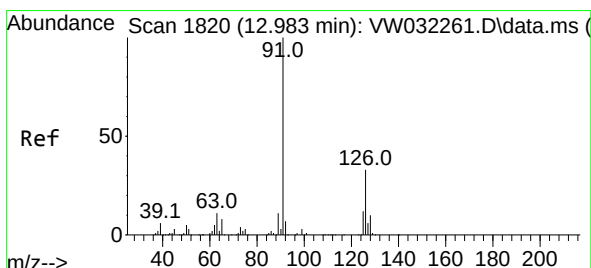
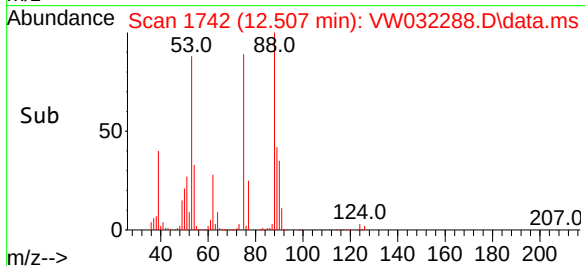
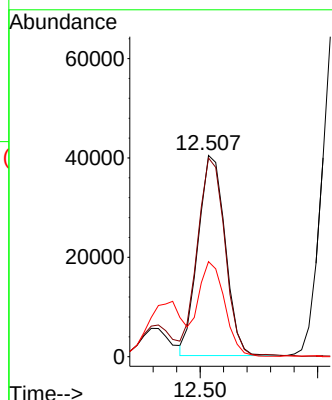
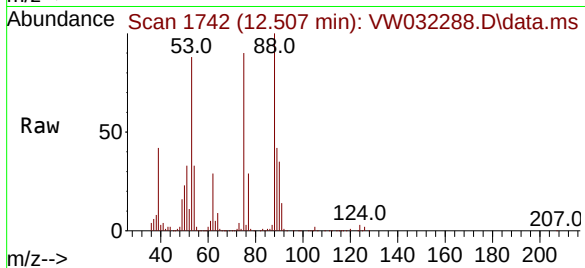




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 56.645 ug/l  
 RT: 12.507 min Scan# 1742  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

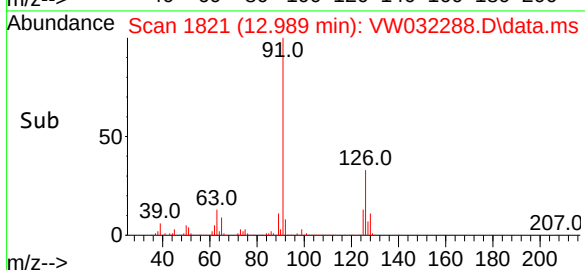
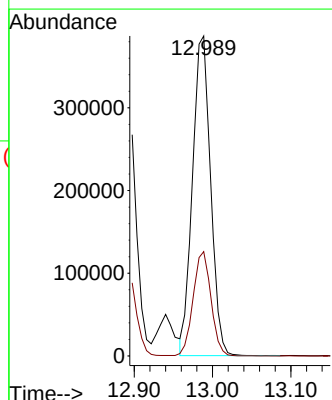
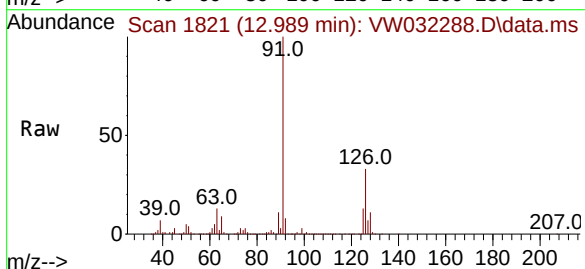
Instrument :  
 MSVOA\_W  
 ClientSampleId :

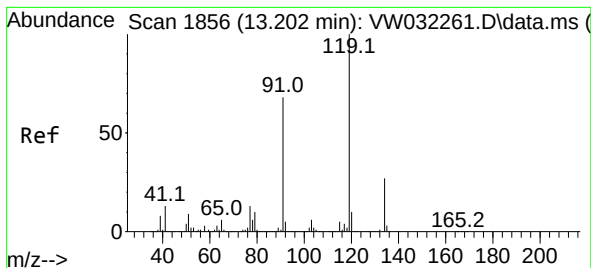
Tgt Ion: 75 Resp: 64829  
 Ion Ratio Lower Upper  
 75 100  
 53 101.0 81.4 122.2  
 89 46.1 35.4 53.2



#82  
 4-Chlorotoluene  
 Concen: 51.445 ug/l  
 RT: 12.989 min Scan# 1821  
 Delta R.T. 0.006 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

Tgt Ion: 91 Resp: 622181  
 Ion Ratio Lower Upper  
 91 100  
 126 32.3 16.5 49.5

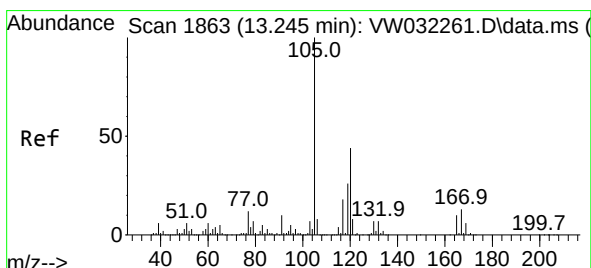
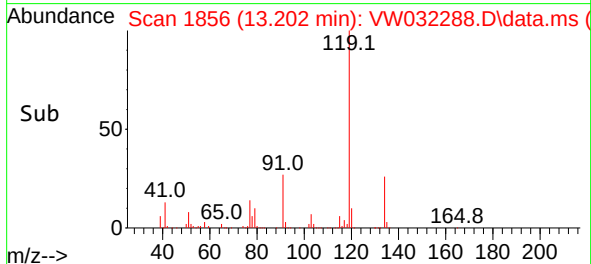
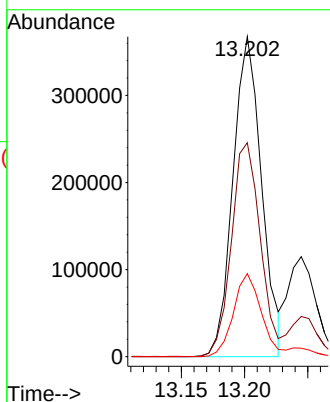
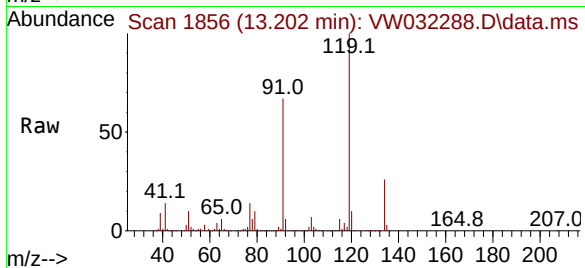




#83  
tert-Butylbenzene  
Concen: 53.870 ug/l  
RT: 13.202 min Scan# 1856  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

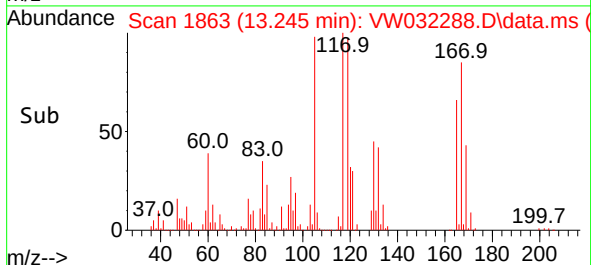
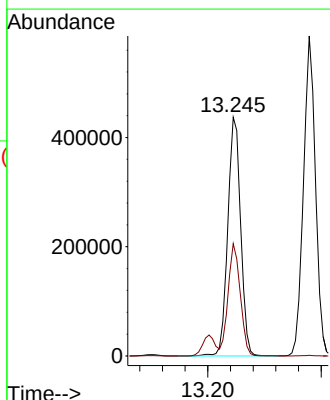
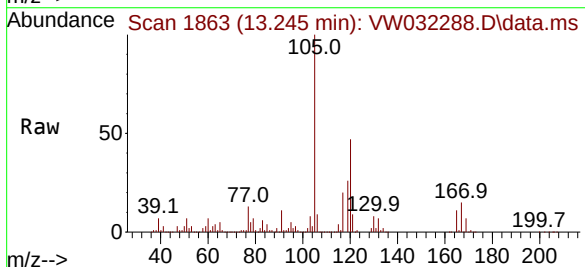
Instrument :  
MSVOA\_W  
ClientSampleId :

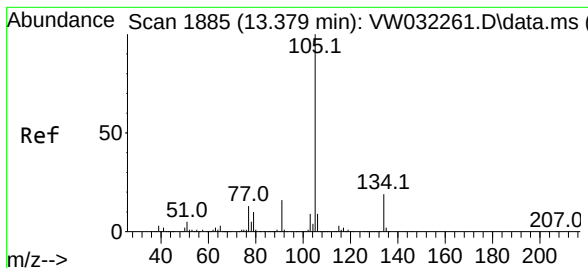
Tgt Ion:119 Resp: 579281  
Ion Ratio Lower Upper  
119 100  
91 67.3 35.5 106.5  
134 25.3 13.5 40.4



#84  
1,2,4-Trimethylbenzene  
Concen: 52.698 ug/l  
RT: 13.245 min Scan# 1863  
Delta R.T. 0.000 min  
Lab File: VW032288.D  
Acq: 29 Sep 2025 09:18

Tgt Ion:105 Resp: 687968  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.327 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

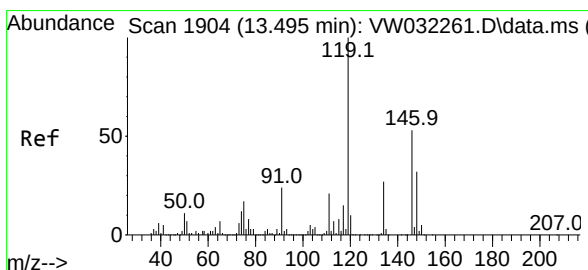
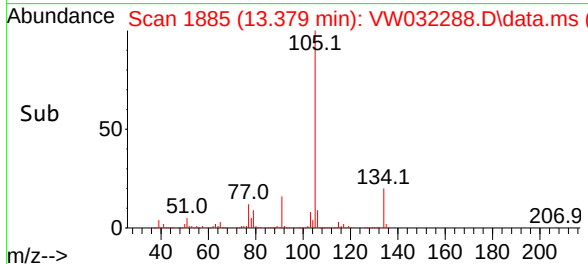
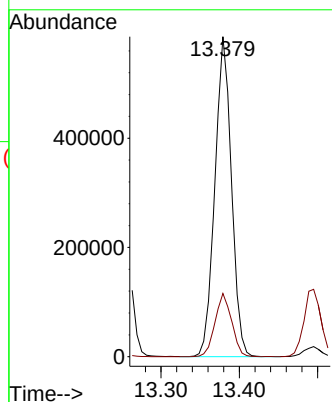
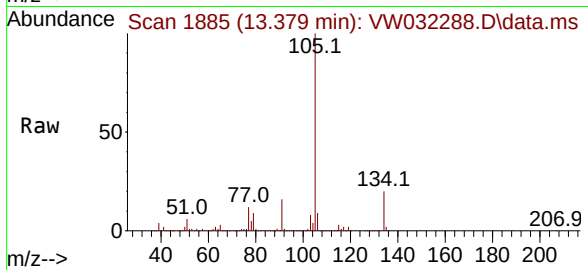
ClientSampleId :

Tgt Ion:105 Resp: 861115

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.563 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

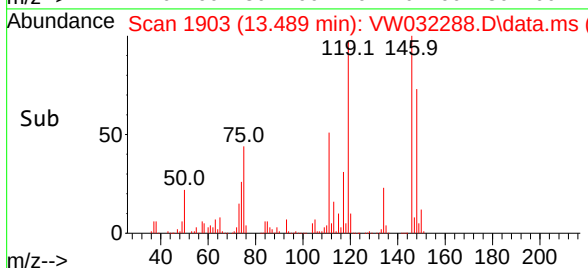
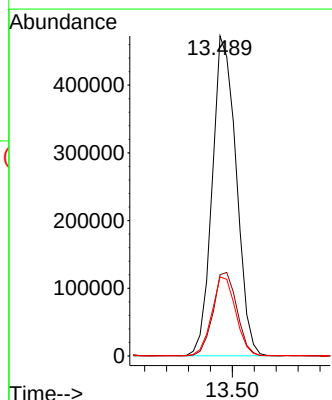
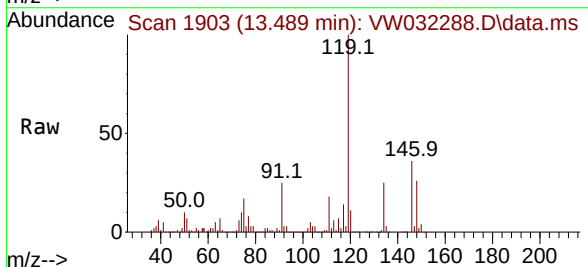
Tgt Ion:119 Resp: 716321

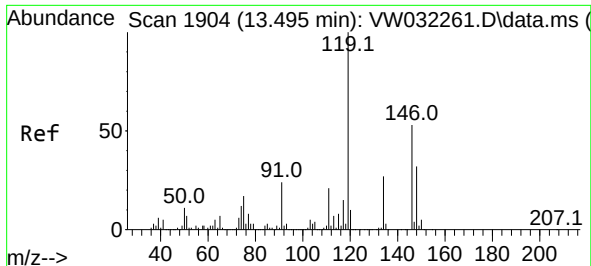
Ion Ratio Lower Upper

119 100

134 26.0 12.5 37.5

91 24.6 12.1 36.3

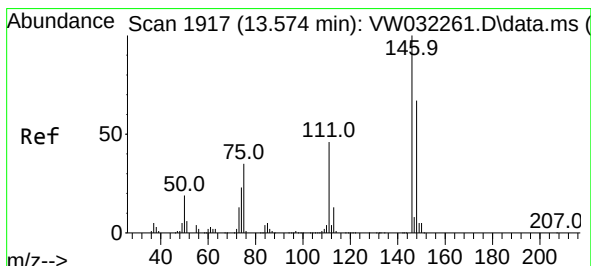
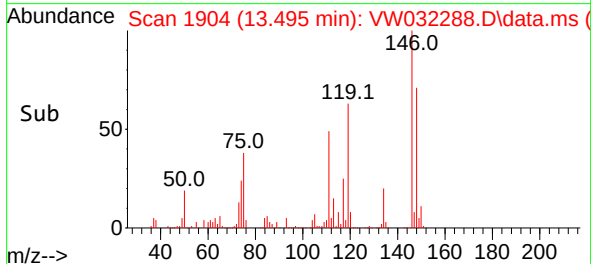
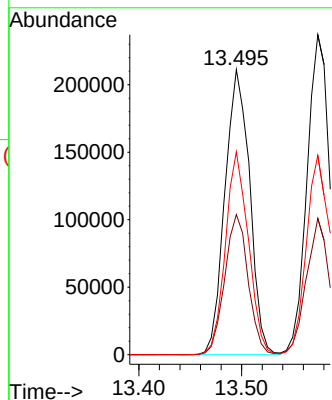
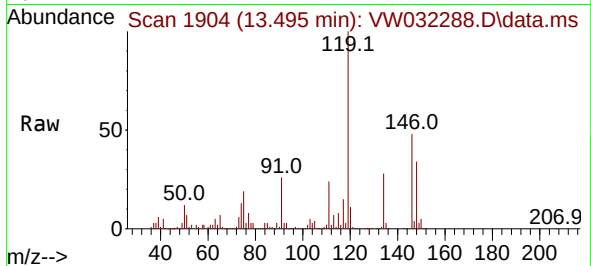




#87  
 1,3-Dichlorobenzene  
 Concen: 48.331 ug/l  
 RT: 13.495 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

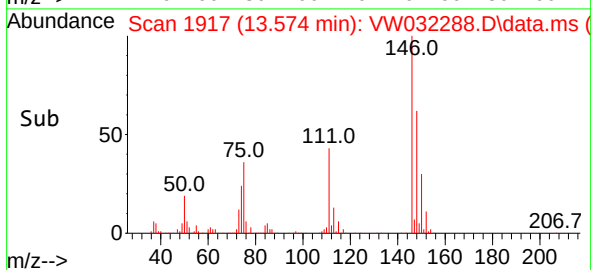
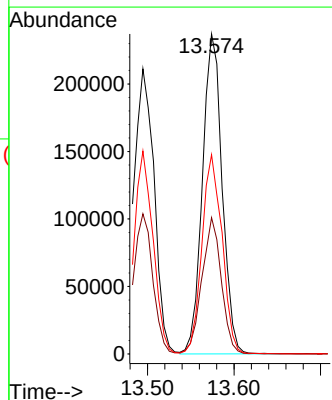
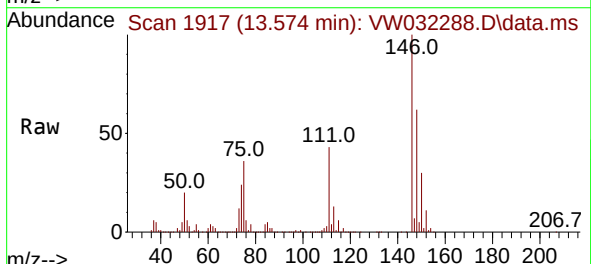
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion:146 Resp: 353632  
 Ion Ratio Lower Upper  
 146 100  
 111 46.5 21.9 65.5  
 148 66.1 31.9 95.9

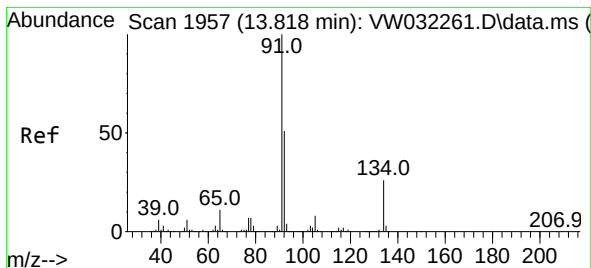


#88  
 1,4-Dichlorobenzene  
 Concen: 50.062 ug/l  
 RT: 13.574 min Scan# 1917  
 Delta R.T. 0.000 min  
 Lab File: VW032288.D  
 Acq: 29 Sep 2025 09:18

Tgt Ion:146 Resp: 374202  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 22.4 67.2  
 148 63.8 34.4 103.1







#89

n-Butylbenzene

Concen: 52.364 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :

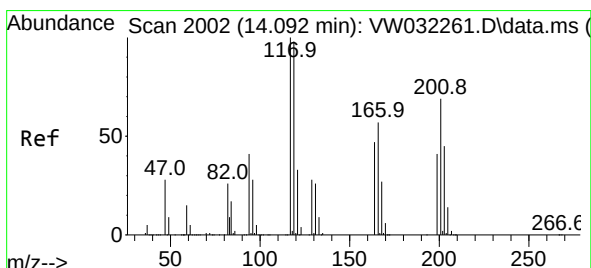
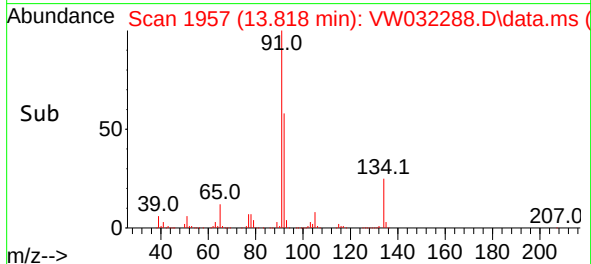
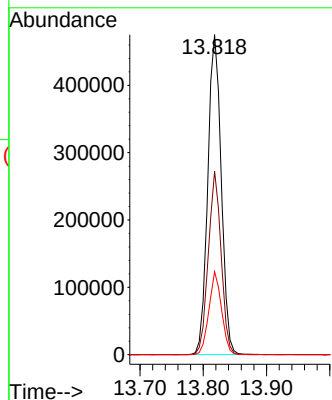
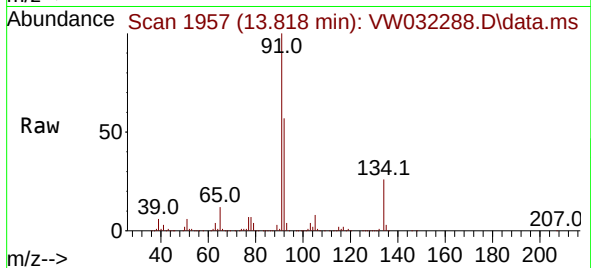
Tgt Ion: 91 Resp: 702793

Ion Ratio Lower Upper

91 100

92 54.8 26.7 80.1

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 54.047 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VW032288.D

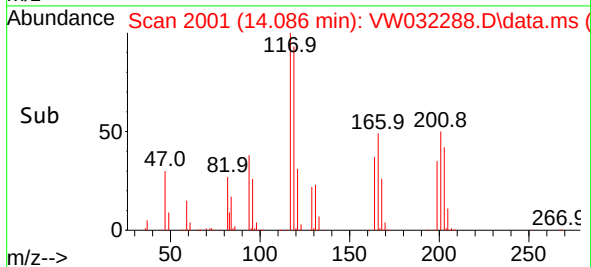
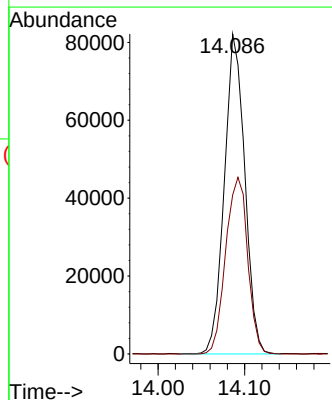
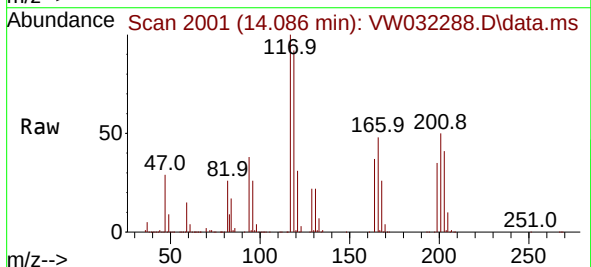
Acq: 29 Sep 2025 09:18

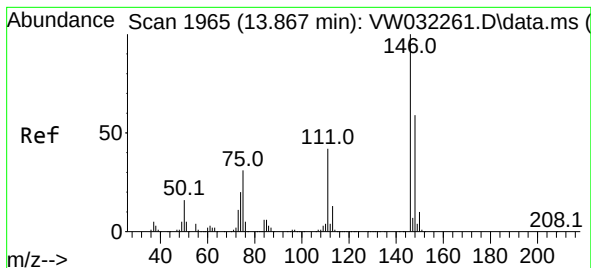
Tgt Ion: 117 Resp: 134713

Ion Ratio Lower Upper

117 100

201 59.3 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 50.154 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :

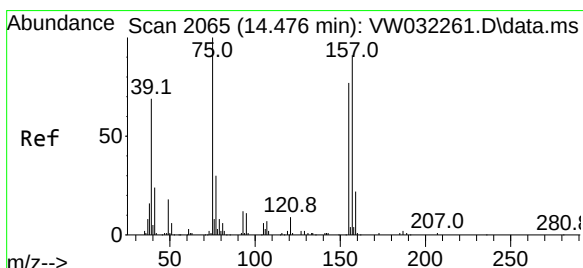
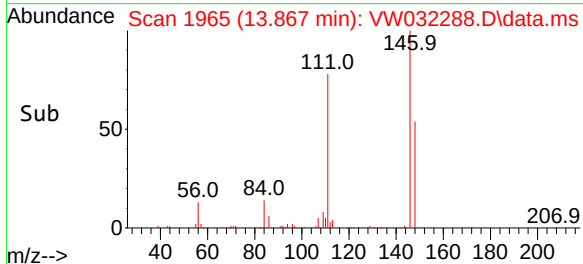
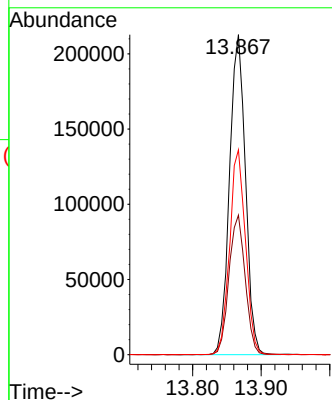
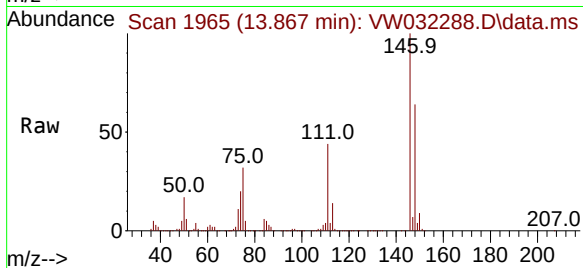
Tgt Ion:146 Resp: 343285

Ion Ratio Lower Upper

146 100

111 44.5 21.9 65.8

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.086 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

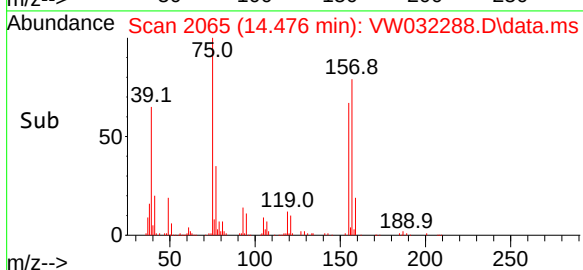
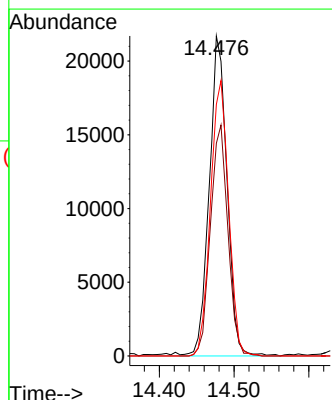
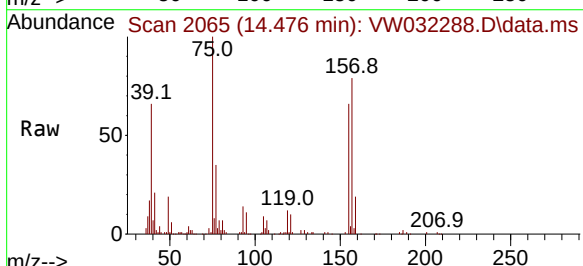
Tgt Ion: 75 Resp: 35804

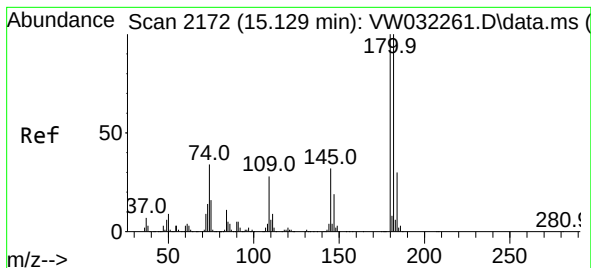
Ion Ratio Lower Upper

75 100

155 71.2 38.2 114.6

157 87.7 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 53.138 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :

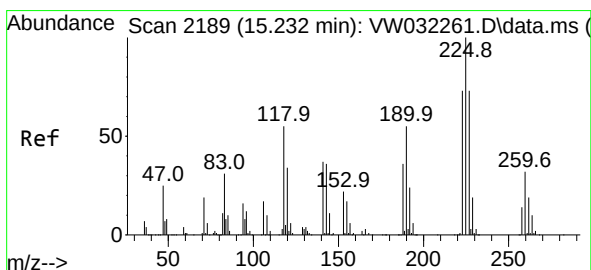
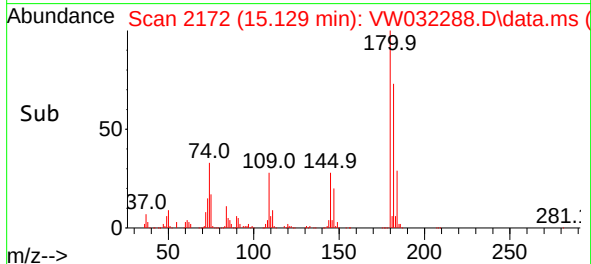
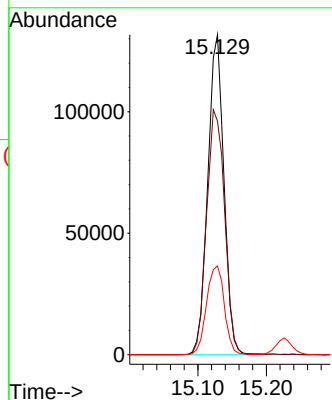
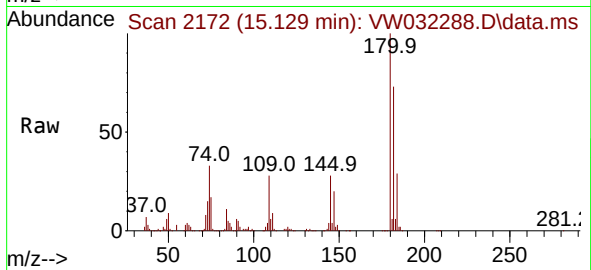
Tgt Ion:180 Resp: 215775

Ion Ratio Lower Upper

180 100

182 85.7 48.4 145.3

145 30.7 16.9 50.7



#94

Hexachlorobutadiene

Concen: 53.131 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.006 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

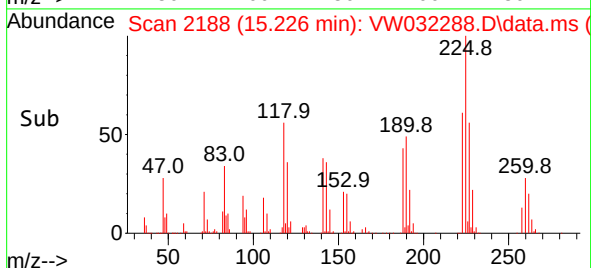
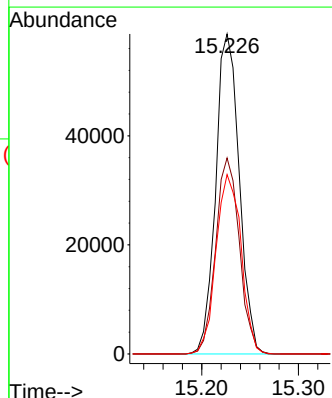
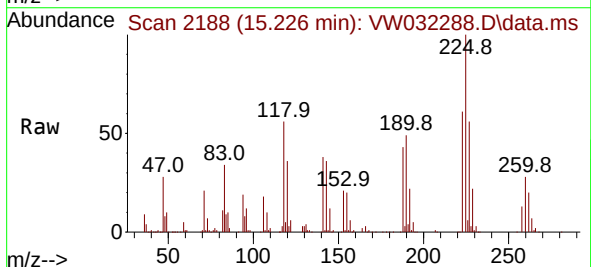
Tgt Ion:225 Resp: 99085

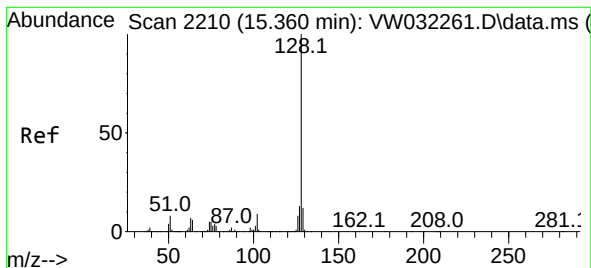
Ion Ratio Lower Upper

225 100

223 61.6 36.4 109.2

227 59.7 36.4 109.2





#95

Naphthalene

Concen: 53.387 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Instrument :

MSVOA\_W

ClientSampleId :

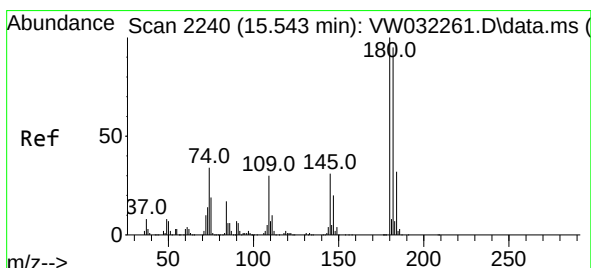
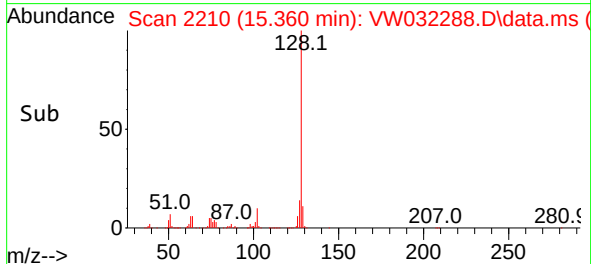
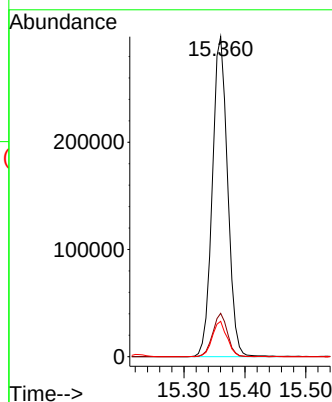
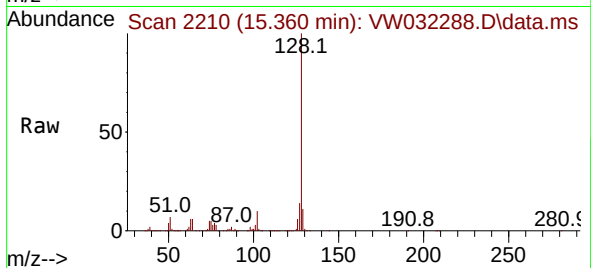
Tgt Ion:128 Resp: 520310

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 50.335 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032288.D

Acq: 29 Sep 2025 09:18

Tgt Ion:180 Resp: 190054

Ion Ratio Lower Upper

180 100

182 96.1 45.5 136.4

145 36.9 18.1 54.1

