

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090425\  
 Data File : VY023281.D  
 Acq On : 04 Sep 2025 10:26  
 Operator : SY/MD  
 Sample : VY0904SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 05 04:23:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 13 02:10:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 470601   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 724560   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 642177   | 50.000 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 334491   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 204994   | 45.705   | ug/l | 0.01     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 91.420%  |
| 35) Dibromofluoromethane    | 7.640  | 113   | 218274   | 50.345   | ug/l | 0.01     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.700% |
| 50) Toluene-d8              | 10.109 | 98    | 821282   | 48.490   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 96.980%  |
| 62) 4-Bromofluorobenzene    | 12.401 | 95    | 263228   | 48.326   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 96.660%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 74858  | 19.488  | ug/l   | 98  |
| 3) Chloromethane             | 2.074 | 50  | 114952 | 18.476  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.208 | 62  | 144951 | 18.847  | ug/l   | 99  |
| 5) Bromomethane              | 2.592 | 94  | 123713 | 21.539  | ug/l   | 90  |
| 6) Chloroethane              | 2.739 | 64  | 98191  | 19.204  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 179321 | 19.175  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.458 | 74  | 48070  | 19.429  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 94768  | 20.541  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.007 | 142 | 103820 | 20.854  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 4.860 | 59  | 27560  | 89.679  | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 88366  | 19.486  | ug/l   | 93  |
| 13) Acrolein                 | 3.659 | 56  | 19092  | 42.420  | ug/l   | 99  |
| 14) Allyl chloride           | 4.385 | 41  | 115779 | 17.351  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.061 | 53  | 94969  | 94.415  | ug/l   | 97  |
| 16) Acetone                  | 3.866 | 43  | 118899 | 122.364 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.110 | 76  | 274884 | 18.590  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.385 | 43  | 51615  | 17.850  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 222665 | 18.948  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.622 | 84  | 106472 | 19.425  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 101117 | 19.841  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.025 | 45  | 267475 | 18.446  | ug/l   | 97  |
| 23) Vinyl Acetate            | 5.970 | 43  | 728142 | 90.815  | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 169559 | 19.126  | ug/l   | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 139603 | 105.637 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 150408 | 19.662  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 116674 | 19.803  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.250 | 49  | 68873  | 19.582  | ug/l   | 88  |
| 29) Tetrahydrofuran          | 7.268 | 42  | 75336  | 91.967  | ug/l   | 96  |
| 30) Chloroform               | 7.427 | 83  | 185890 | 20.332  | ug/l   | 95  |
| 31) Cyclohexane              | 7.707 | 56  | 141186 | 16.900  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 164029 | 20.219  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 128682 | 19.972  | ug/l   | 98  |
| 37) Ethyl Acetate            | 6.982 | 43  | 53961  | 19.937  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 146197 | 20.891  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.109 | 83  | 157794 | 18.597  | ug/l   | 97  |
| 40) Benzene                  | 8.085 | 78  | 405017 | 20.395  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090425\  
 Data File : VY023281.D  
 Acq On : 04 Sep 2025 10:26  
 Operator : SY/MD  
 Sample : VY0904SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 05 04:23:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 13 02:10:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 31549    | 20.197  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 104337   | 20.201  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 103288   | 18.881  | ug/l # | 84       |
| 44) Trichloroethene           | 8.865  | 130  | 111544   | 21.735  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 93250    | 20.408  | ug/l   | 100      |
| 46) Dibromomethane            | 9.231  | 93   | 56223    | 21.437  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.426  | 83   | 142867   | 21.170  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.225  | 41   | 47906    | 18.300  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 12427    | 404.111 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 271313   | 96.148  | ug/l   | 99       |
| 52) Toluene                   | 10.170 | 92   | 260772   | 20.675  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 120464   | 19.713  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 144211   | 19.957  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 76542    | 21.811  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 85954    | 19.141  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 124571   | 20.930  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 194803   | 91.965  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.761 | 43   | 193476   | 100.691 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.914 | 129  | 101287   | 21.873  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 70658    | 21.422  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.646 | 164  | 134107   | 23.387  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.444 | 112  | 289564   | 20.904  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 101420   | 21.573  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.517 | 91   | 466177   | 19.556  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.627 | 106  | 380068   | 40.823  | ug/l   | 96       |
| 69) o-Xylene                  | 11.956 | 106  | 176185   | 20.205  | ug/l   | 97       |
| 70) Styrene                   | 11.969 | 104  | 292604   | 20.519  | ug/l   | 98       |
| 71) Bromoform                 | 12.133 | 173  | 62064    | 22.588  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 448066   | 18.979  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 86133    | 17.204  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 78055    | 19.364  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 104813   | 32.468  | ug/l # | 100      |
| 77) Bromobenzene              | 12.529 | 156  | 118138   | 20.976  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.597 | 91   | 541124   | 19.252  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 312678   | 19.416  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 368407   | 19.309  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 24464    | 18.344  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.773 | 91   | 320725   | 19.198  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 331762   | 19.252  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 372847   | 19.631  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 485105   | 19.164  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 409714   | 19.499  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 231886   | 20.878  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 226623   | 20.569  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.615 | 91   | 358984   | 18.602  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.877 | 117  | 87847    | 20.423  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 203617   | 20.904  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 12228    | 19.483  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 117184   | 20.344  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 72572    | 21.440  | ug/l   | 99       |
| 95) Naphthalene               | 15.145 | 128  | 188321   | 19.173  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 104455   | 21.044  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090425\  
Data File : VY023281.D  
Acq On : 04 Sep 2025 10:26  
Operator : SY/MD  
Sample : VY0904SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

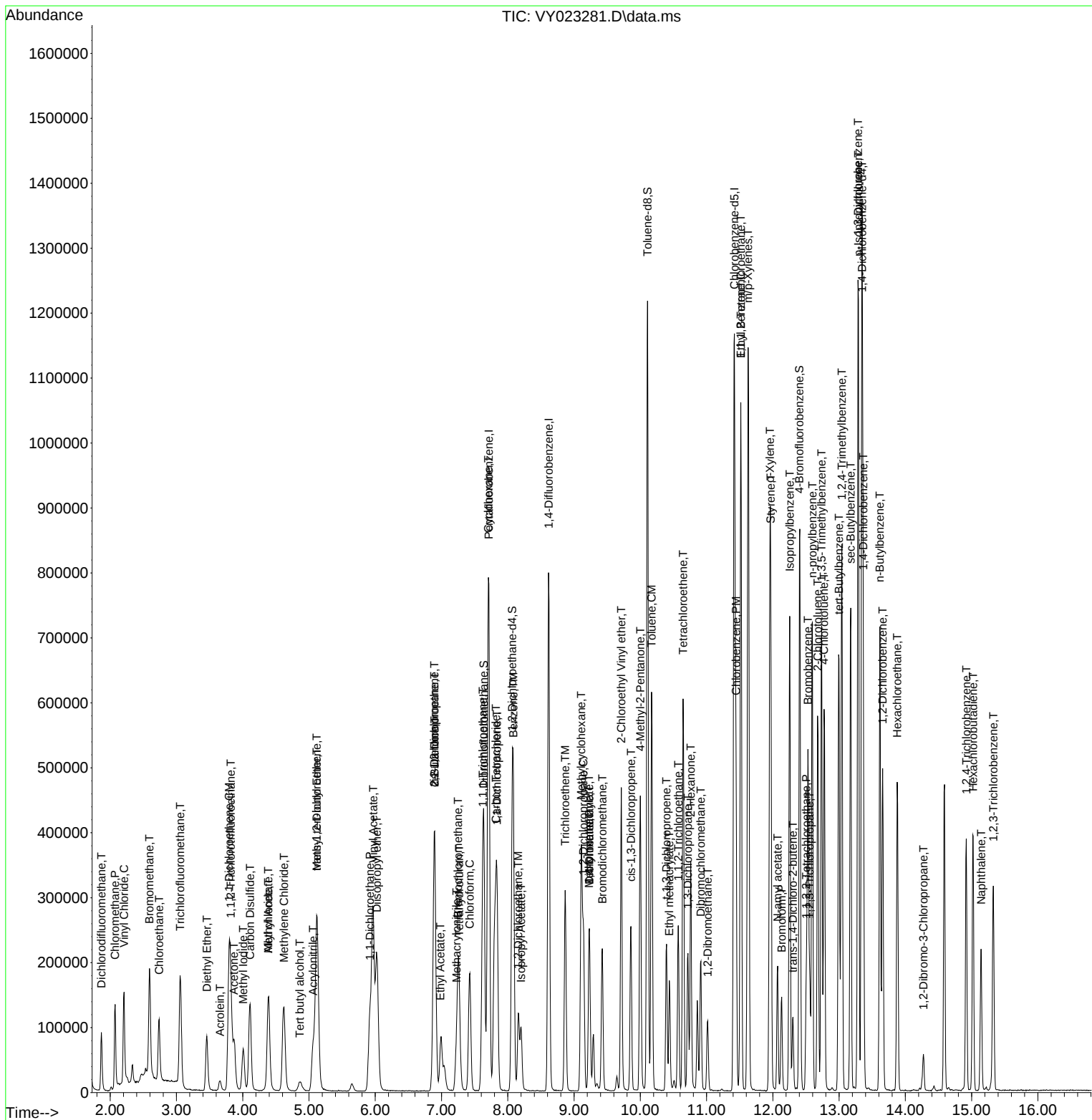
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 05 04:23:29 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 13 02:10:11 2025  
Response via : Initial Calibration

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

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

Quant Time: Sep 05 04:23:29 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 13 02:10:11 2025  
Response via : Initial Calibration

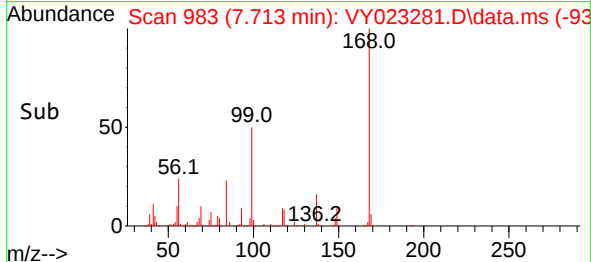
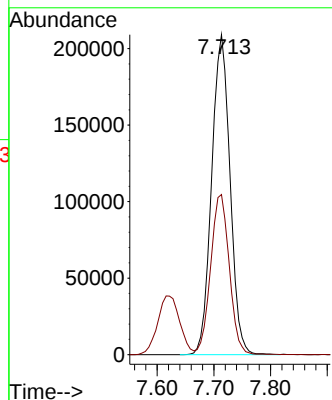
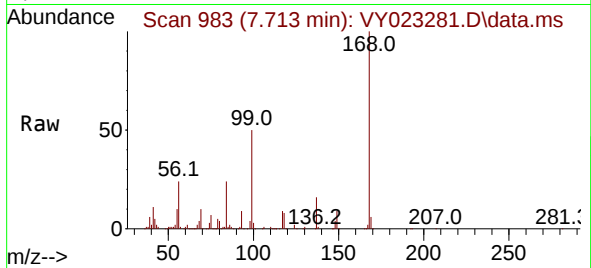




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

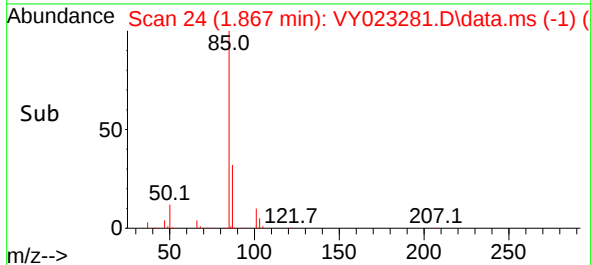
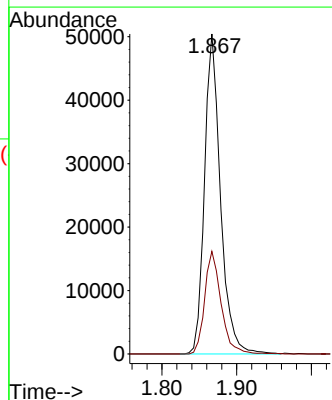
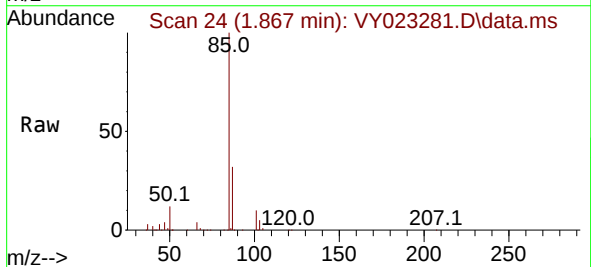
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:168 Resp: 470601  
Ion Ratio Lower Upper  
168 100  
99 50.0 42.8 64.2



#2  
Dichlorodifluoromethane  
Concen: 19.488 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 85 Resp: 74858  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.6 49.8

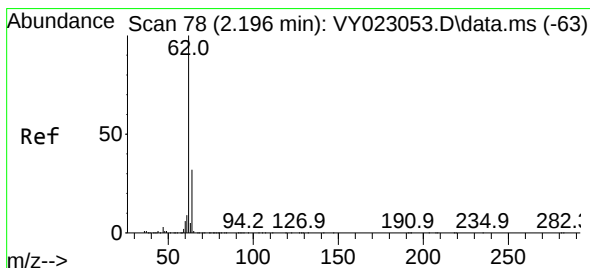
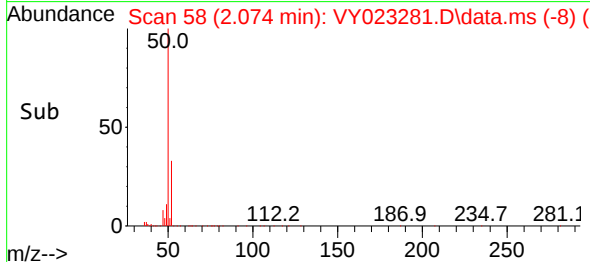
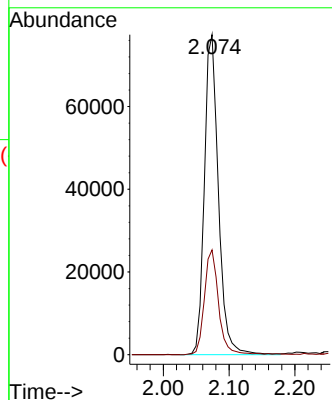
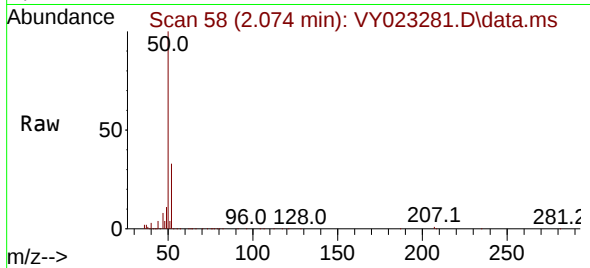




#3  
Chloromethane  
Concen: 18.476 ug/l  
RT: 2.074 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

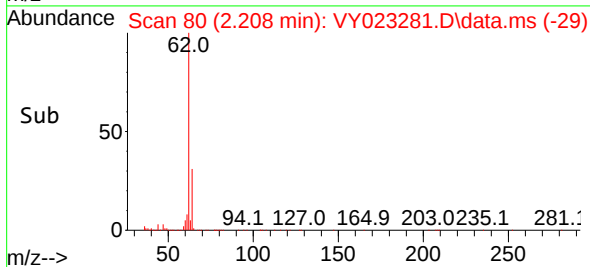
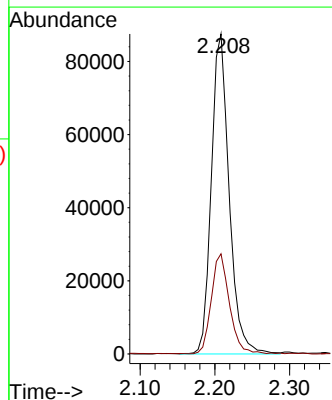
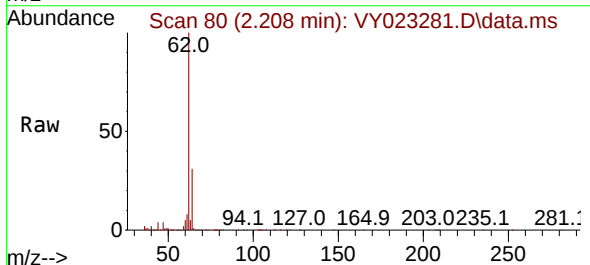
Instrument :  
MSVOA\_Y  
ClientSampleId :

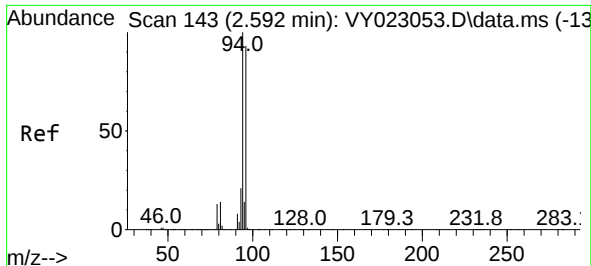
Tgt Ion: 50 Resp: 114952  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.7 40.1



#4  
Vinyl Chloride  
Concen: 18.847 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 62 Resp: 144951  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.0

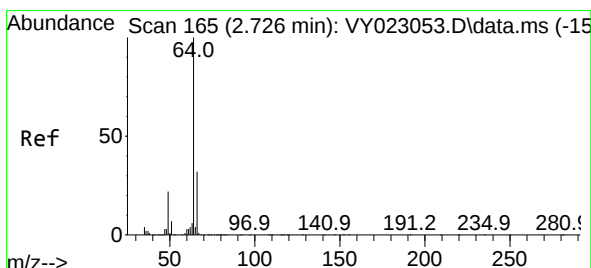
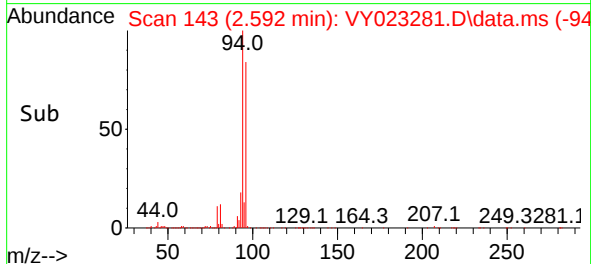
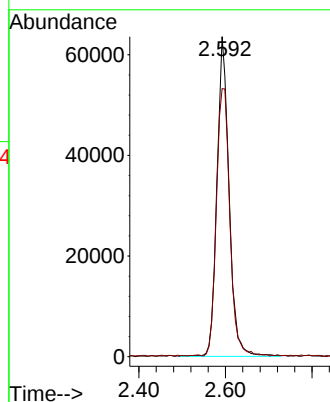
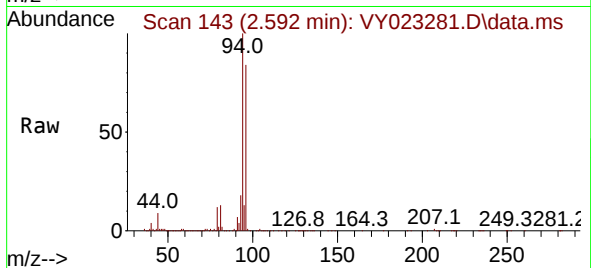




#5  
Bromomethane  
Concen: 21.539 ug/l  
RT: 2.592 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

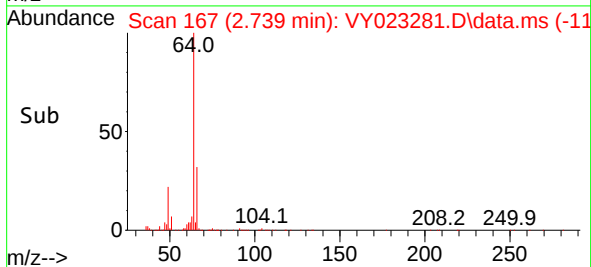
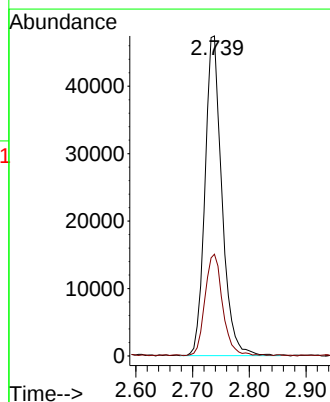
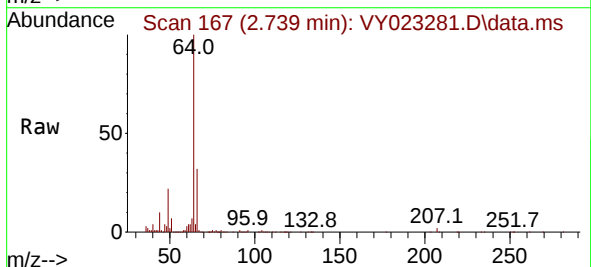
Instrument :  
MSVOA\_Y  
ClientSampleId :

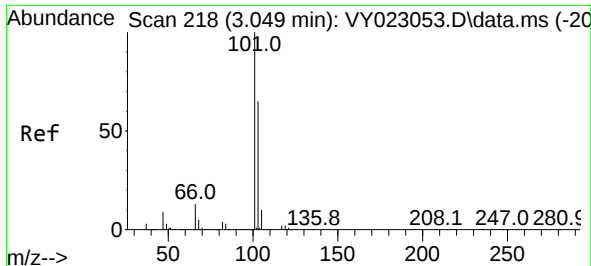
Tgt Ion: 94 Resp: 123713  
Ion Ratio Lower Upper  
94 100  
96 83.5 74.6 112.0



#6  
Chloroethane  
Concen: 19.204 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 64 Resp: 98191  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.8 38.6

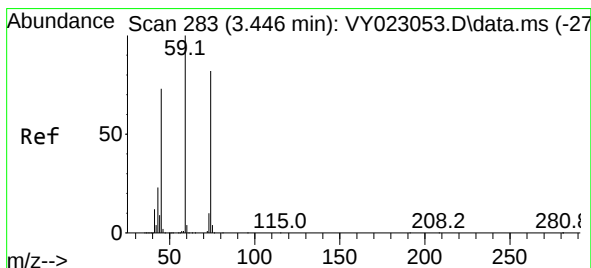
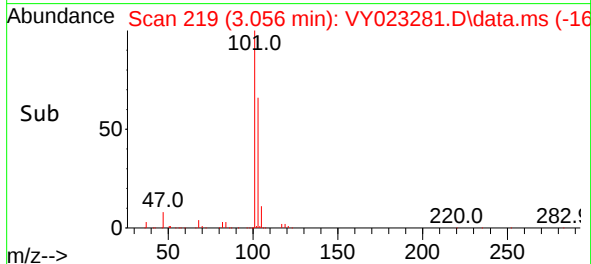
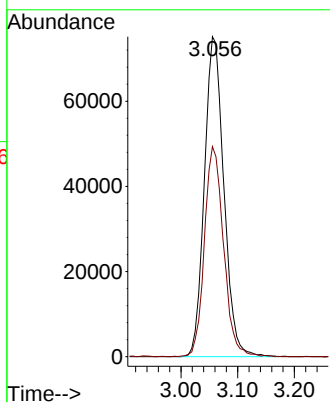
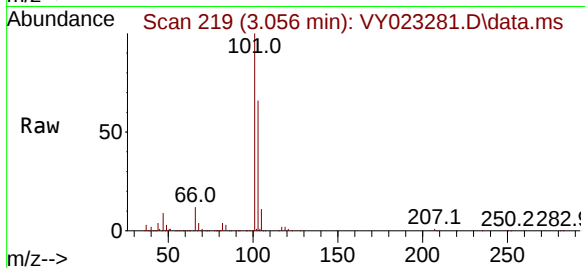




#7  
 Trichlorofluoromethane  
 Concen: 19.175 ug/l  
 RT: 3.056 min Scan# 218  
 Delta R.T. 0.006 min  
 Lab File: VY023281.D  
 Acq: 04 Sep 2025 10:26

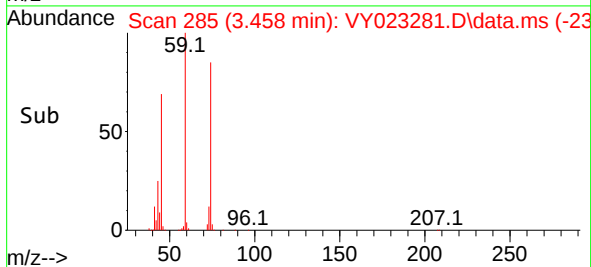
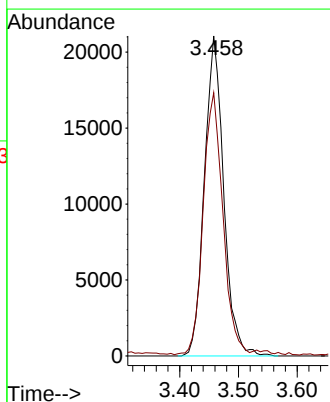
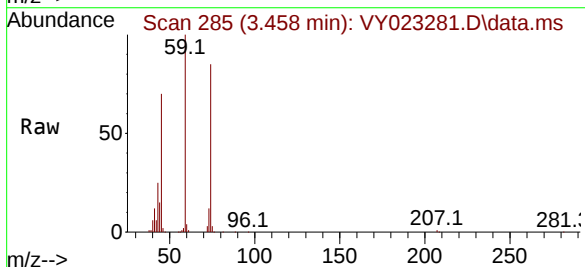
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

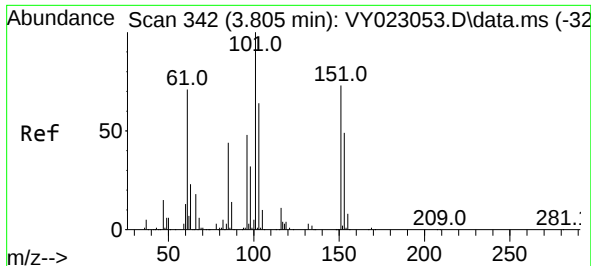
Tgt Ion:101 Resp: 179321  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 51.9 77.9



#8  
 Diethyl Ether  
 Concen: 19.429 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. 0.012 min  
 Lab File: VY023281.D  
 Acq: 04 Sep 2025 10:26

Tgt Ion: 74 Resp: 48070  
 Ion Ratio Lower Upper  
 74 100  
 45 83.6 44.4 133.2

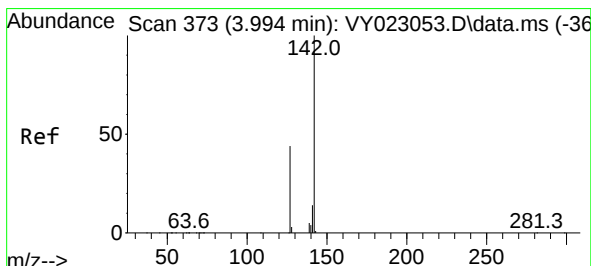
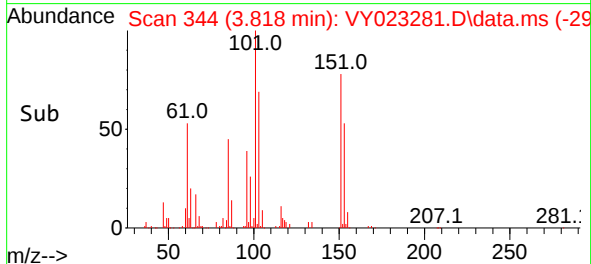
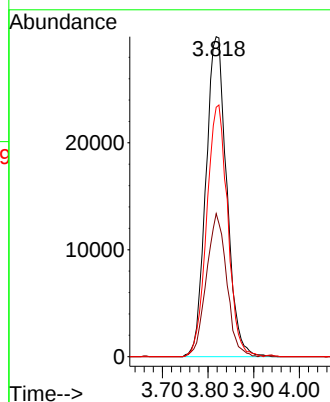
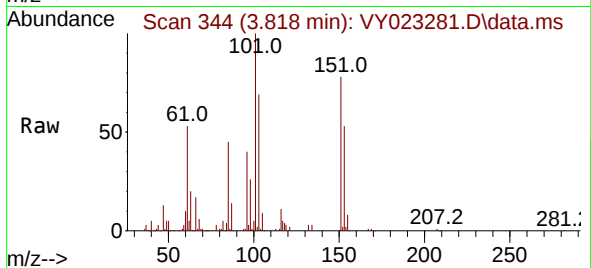




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.541 ug/l  
RT: 3.818 min Scan# 342  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

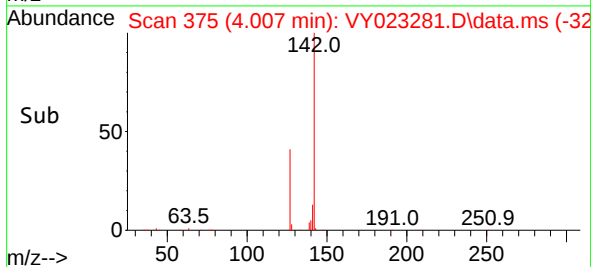
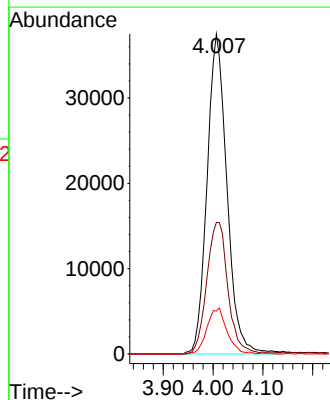
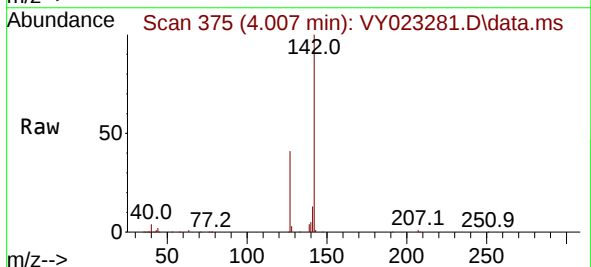
Instrument :  
MSVOA\_Y  
ClientSampleId :

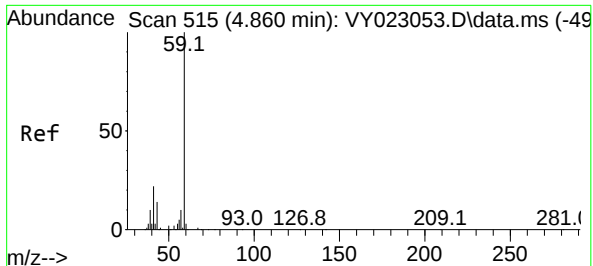
Tgt Ion:101 Resp: 94768  
Ion Ratio Lower Upper  
101 100  
85 43.6 36.3 54.5  
151 79.1 61.5 92.3



#10  
Methyl Iodide  
Concen: 20.854 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion:142 Resp: 103820  
Ion Ratio Lower Upper  
142 100  
127 43.6 34.9 52.3  
141 14.5 11.3 16.9

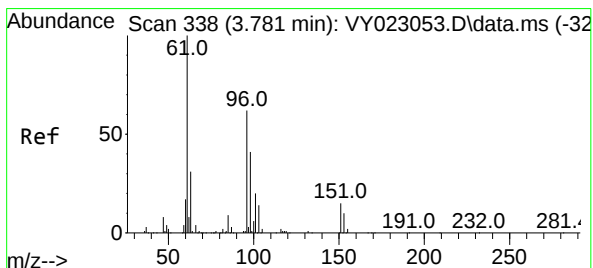
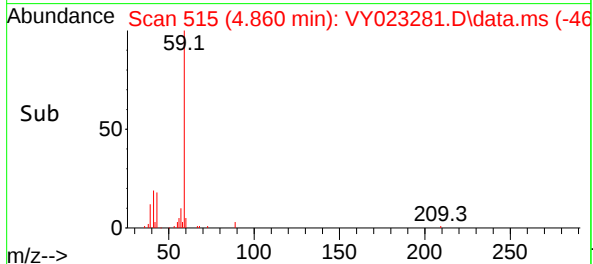
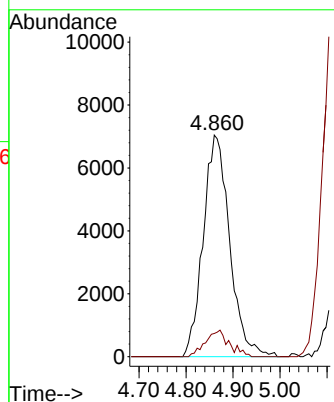
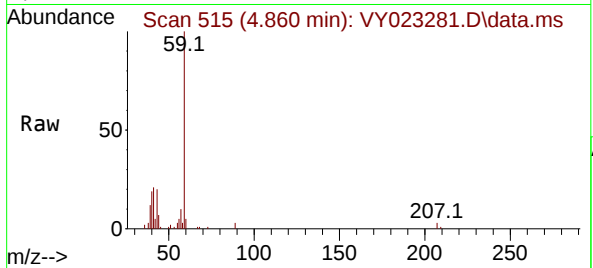




#11  
Tert butyl alcohol  
Concen: 89.679 ug/l  
RT: 4.860 min Scan# 515  
Delta R.T. 0.000 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

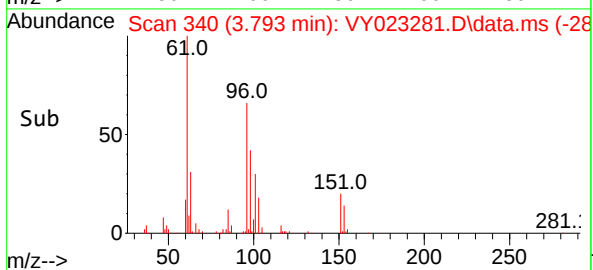
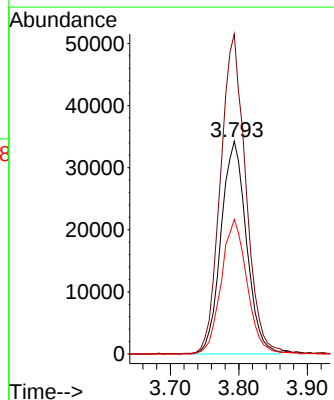
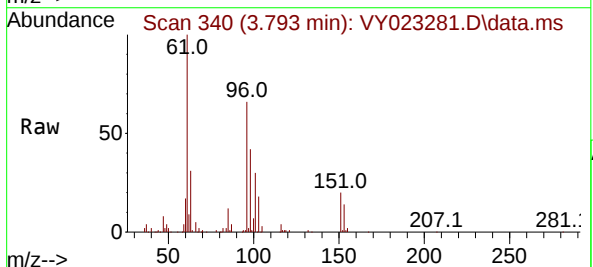
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 59 Resp: 27560  
Ion Ratio Lower Upper  
59 100  
57 9.6 8.6 13.0



#12  
1,1-Dichloroethene  
Concen: 19.486 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 96 Resp: 88366  
Ion Ratio Lower Upper  
96 100  
61 150.5 129.4 194.2  
98 63.3 52.8 79.2

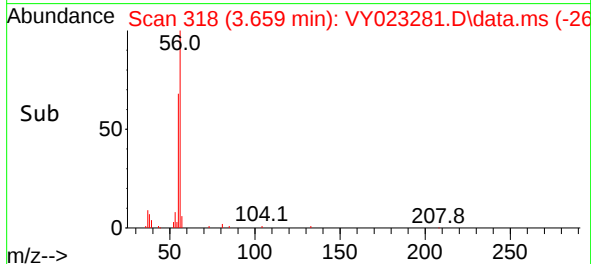
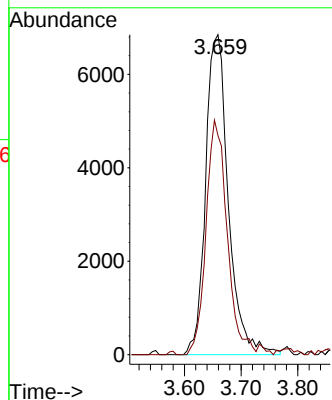
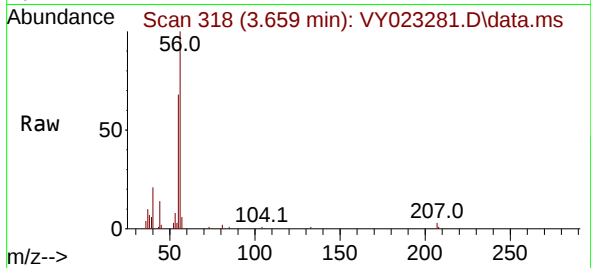




#13  
Acrolein  
Concen: 42.420 ug/l  
RT: 3.659 min Scan# 316  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

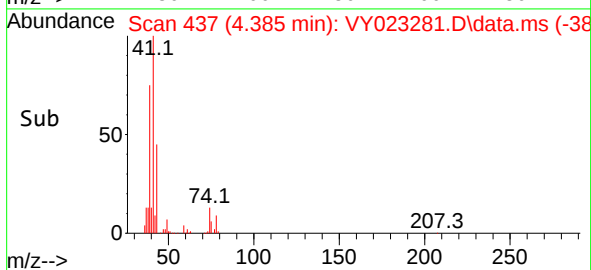
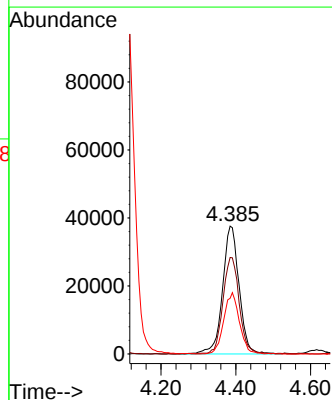
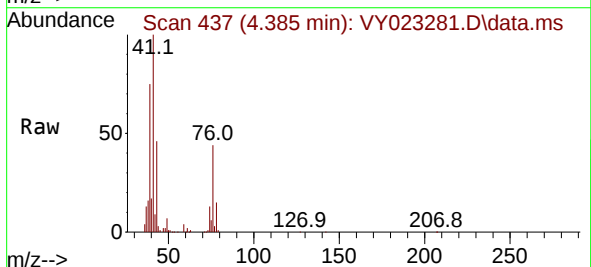
Instrument :  
MSVOA\_Y  
ClientSampleId :

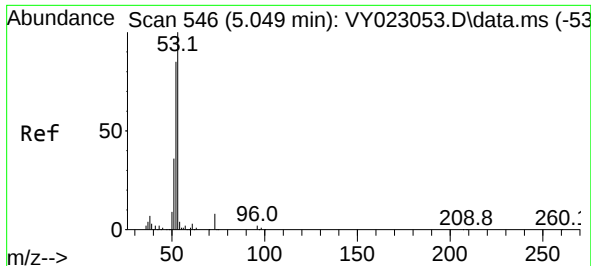
Tgt Ion: 56 Resp: 19092  
Ion Ratio Lower Upper  
56 100  
55 68.0 55.2 82.8



#14  
Allyl chloride  
Concen: 17.351 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

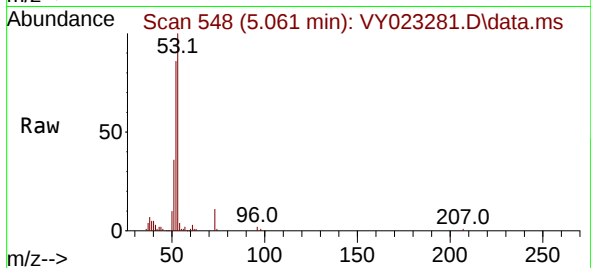
Tgt Ion: 41 Resp: 115779  
Ion Ratio Lower Upper  
41 100  
39 74.2 59.8 89.6  
76 45.4 33.7 50.5



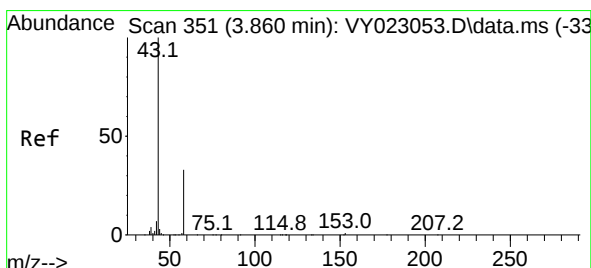
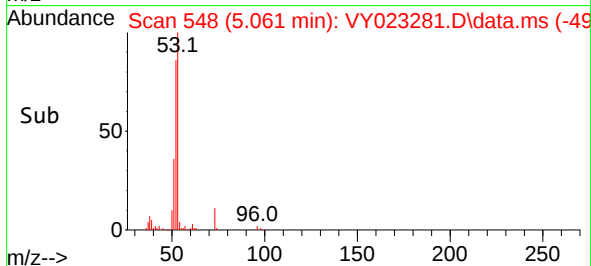
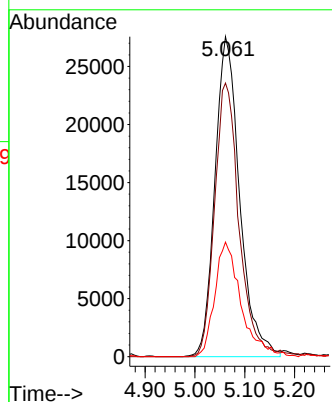


#15  
Acrylonitrile  
Concen: 94.415 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :

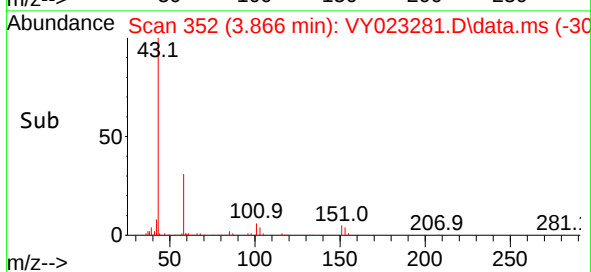
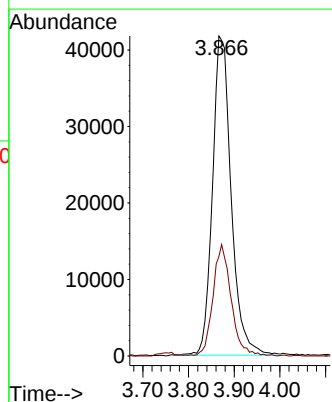
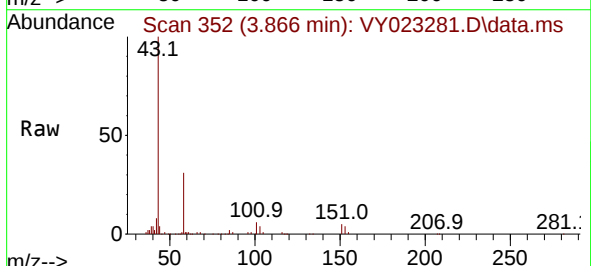


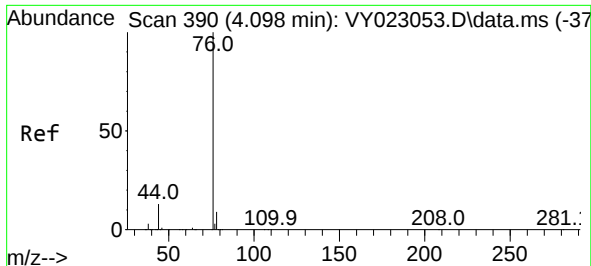
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 85.0  | 65.3  | 97.9  |
| 51      | 38.0  | 29.5  | 44.3  |



#16  
Acetone  
Concen: 122.364 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.0  | 27.1  | 40.7  |

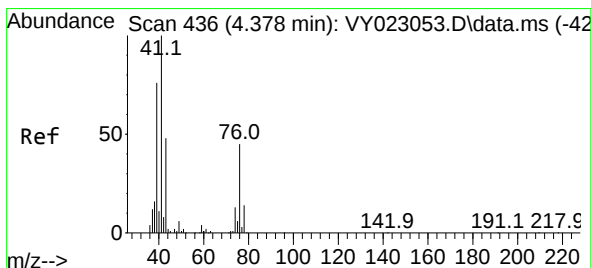
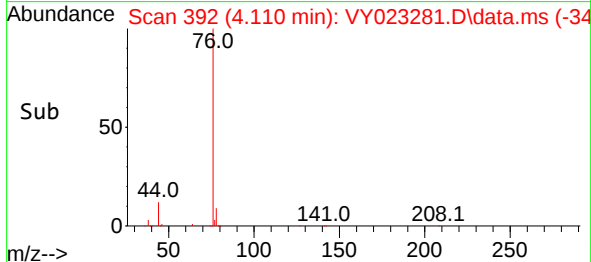
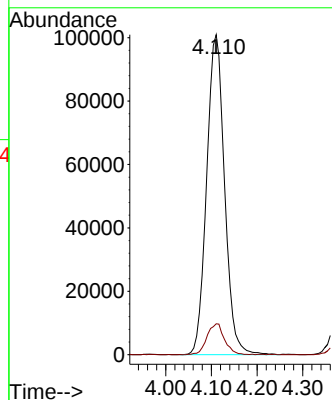
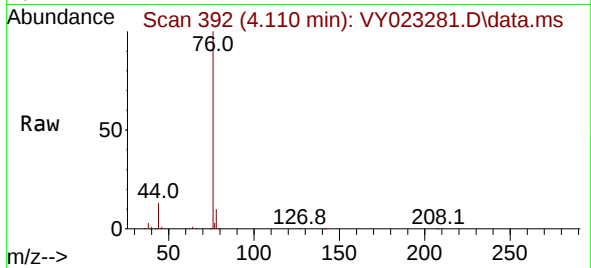




#17  
Carbon Disulfide  
Concen: 18.590 ug/l  
RT: 4.110 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

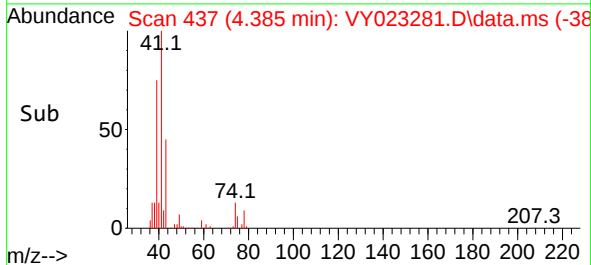
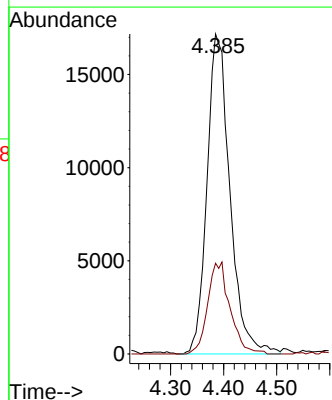
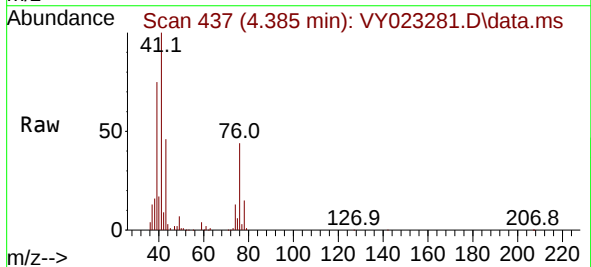
Instrument :  
MSVOA\_Y  
ClientSampleId :

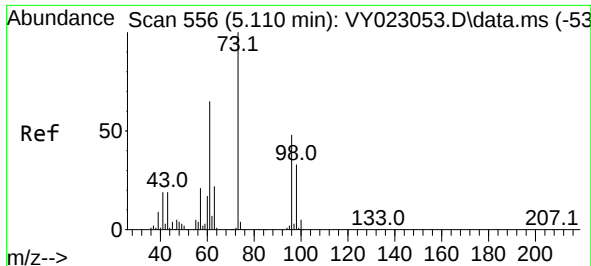
Tgt Ion: 76 Resp: 274884  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.2



#18  
Methyl Acetate  
Concen: 17.850 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 43 Resp: 51615  
Ion Ratio Lower Upper  
43 100  
74 28.0 21.2 31.8

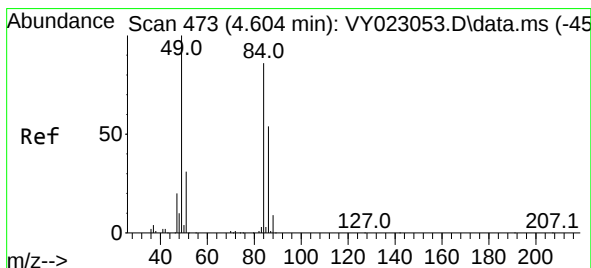
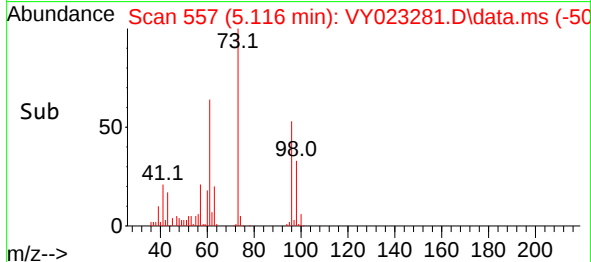
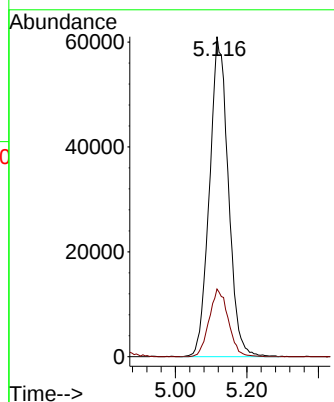
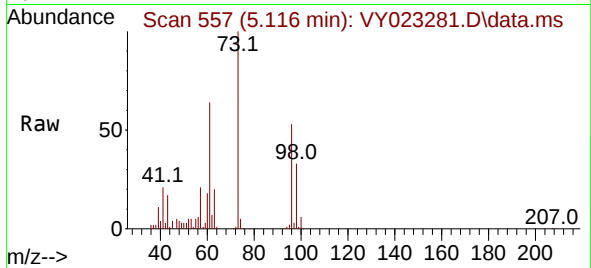




#19  
Methyl tert-butyl Ether  
Concen: 18.948 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

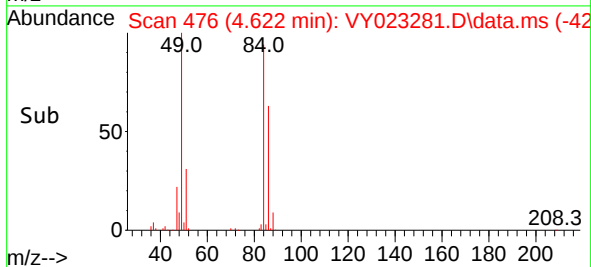
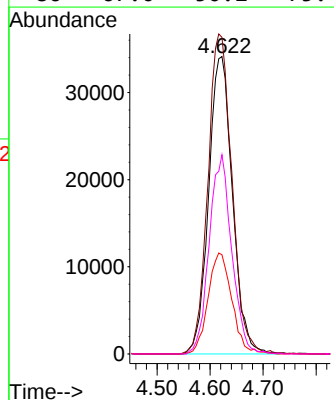
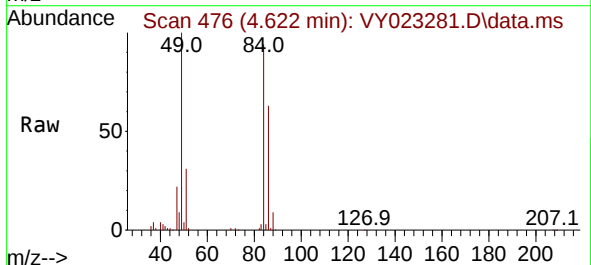
Instrument :  
MSVOA\_Y  
ClientSampleId :

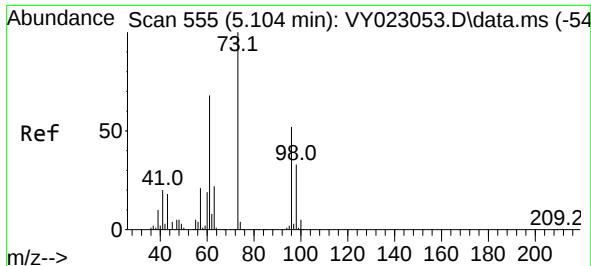
Tgt Ion: 73 Resp: 222665  
Ion Ratio Lower Upper  
73 100  
57 21.1 17.1 25.7



#20  
Methylene Chloride  
Concen: 19.425 ug/l  
RT: 4.622 min Scan# 476  
Delta R.T. 0.018 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

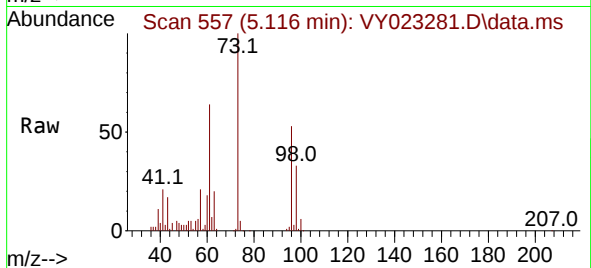
Tgt Ion: 84 Resp: 106472  
Ion Ratio Lower Upper  
84 100  
49 106.5 93.0 139.6  
51 33.4 29.0 43.4  
86 67.0 50.2 75.4



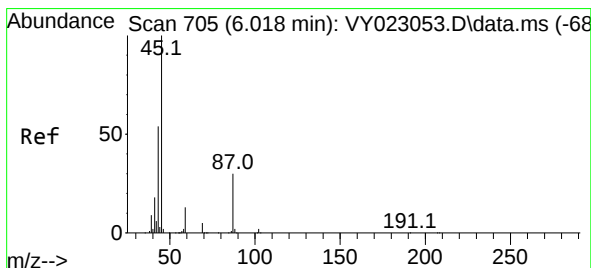
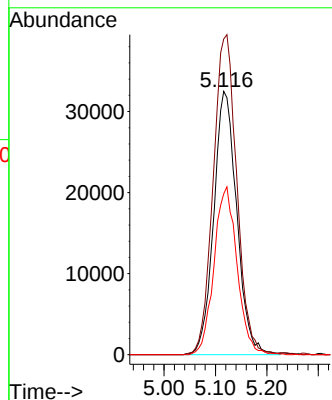
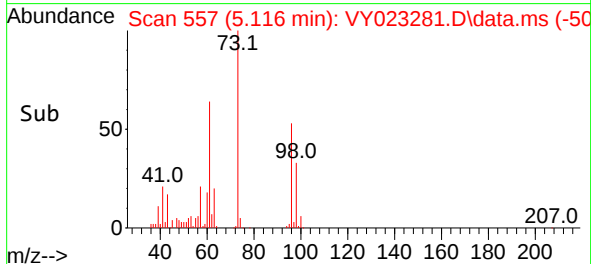


#21  
trans-1,2-Dichloroethene  
Concen: 19.841 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :

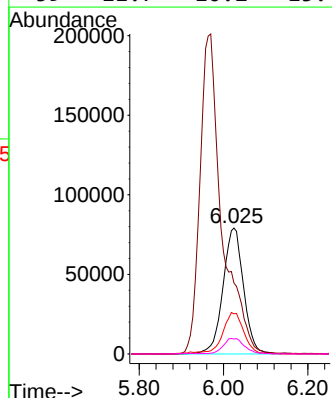
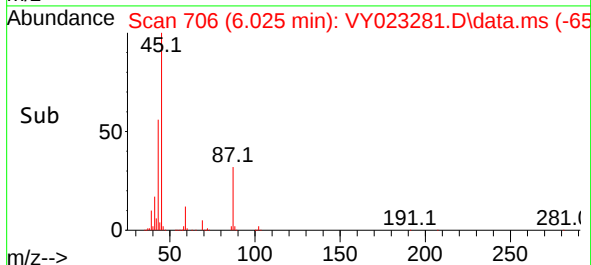
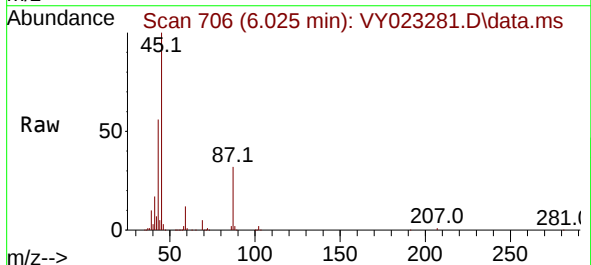


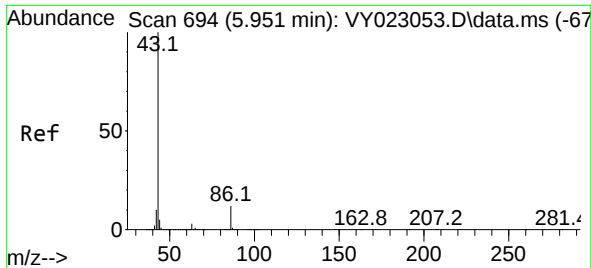
Tgt Ion: 96 Resp: 101117  
Ion Ratio Lower Upper  
96 100  
61 119.9 104.8 157.2  
98 61.1 50.1 75.1



#22  
Diisopropyl ether  
Concen: 18.446 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 45 Resp: 267475  
Ion Ratio Lower Upper  
45 100  
43 56.0 43.4 65.0  
87 31.9 24.4 36.6  
59 11.7 10.2 15.4

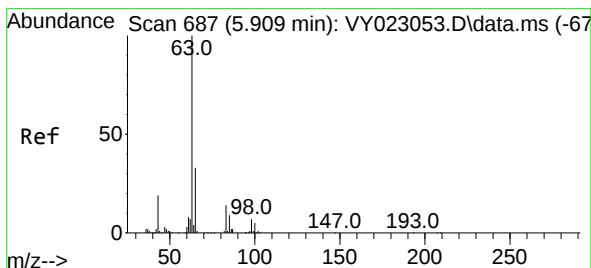
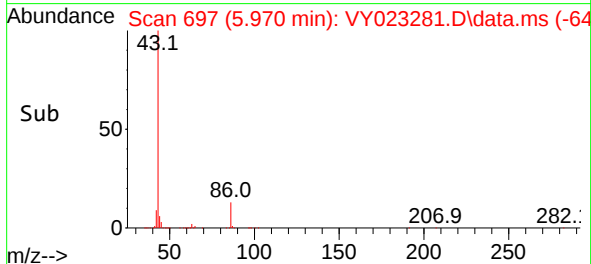
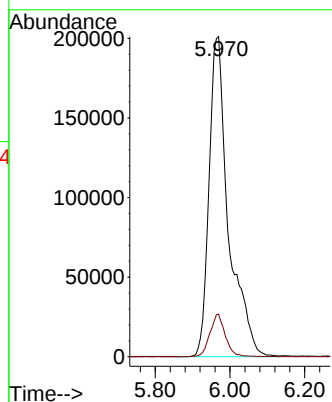
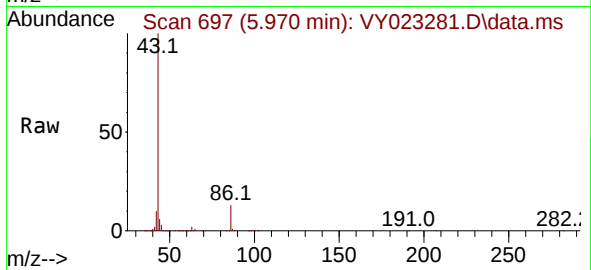




#23  
 Vinyl Acetate  
 Concen: 90.815 ug/l  
 RT: 5.970 min Scan# 694  
 Delta R.T. 0.018 min  
 Lab File: VY023281.D  
 Acq: 04 Sep 2025 10:26

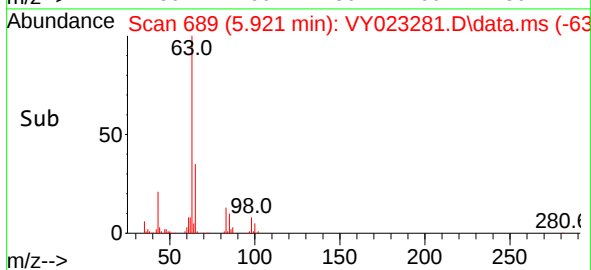
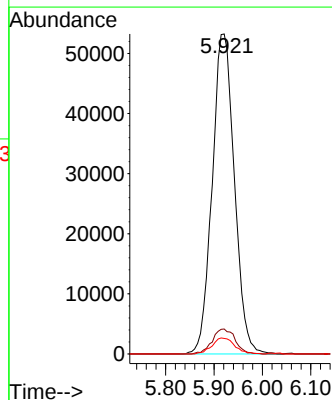
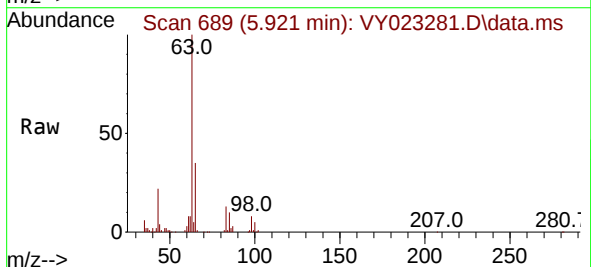
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

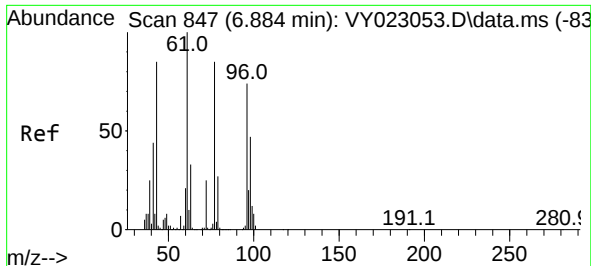
Tgt Ion: 43 Resp: 728142  
 Ion Ratio Lower Upper  
 43 100  
 86 13.3 9.6 14.4



#24  
 1,1-Dichloroethane  
 Concen: 19.126 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. 0.012 min  
 Lab File: VY023281.D  
 Acq: 04 Sep 2025 10:26

Tgt Ion: 63 Resp: 169559  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.5 10.6  
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 105.637 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

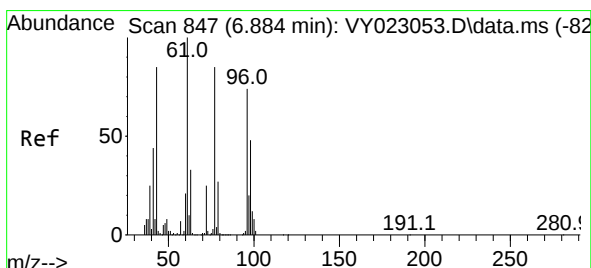
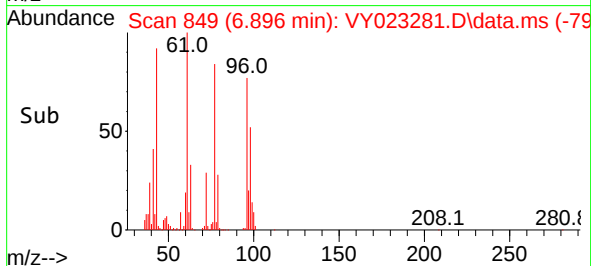
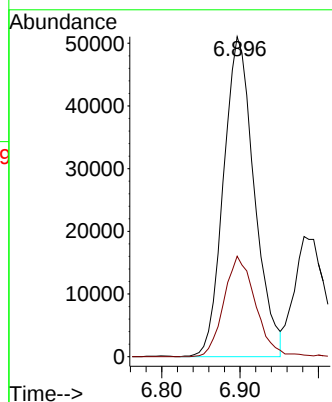
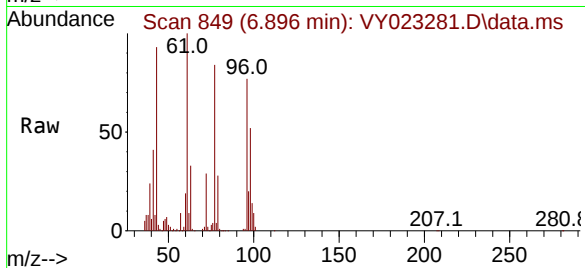
ClientSampleId :

Tgt Ion: 43 Resp: 139603

Ion Ratio Lower Upper

43 100

72 31.4 23.5 35.3



#26

2,2-Dichloropropane

Concen: 19.662 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023281.D

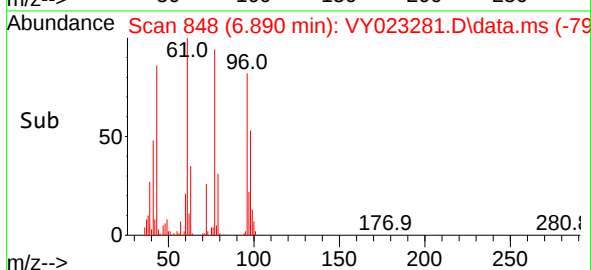
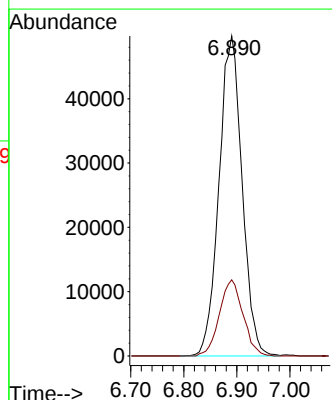
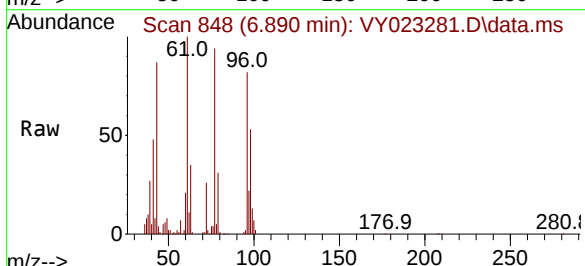
Acq: 04 Sep 2025 10:26

Tgt Ion: 77 Resp: 150408

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.803 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

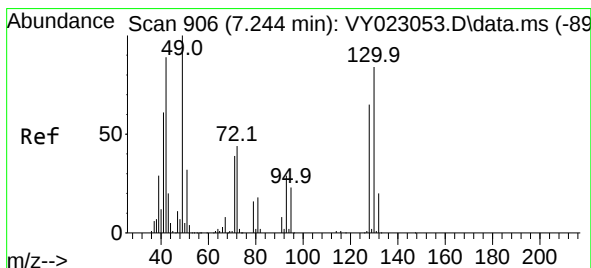
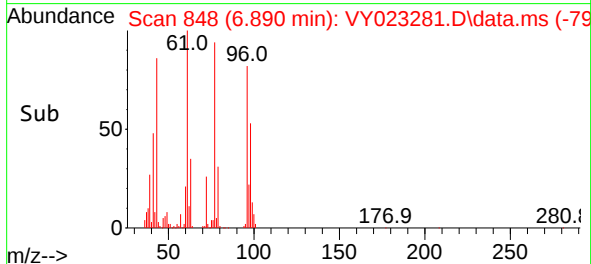
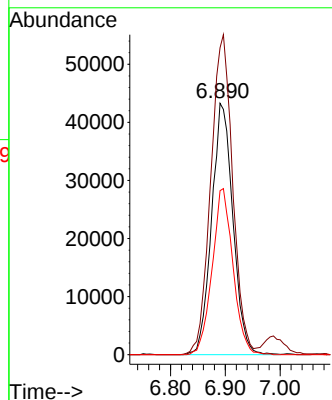
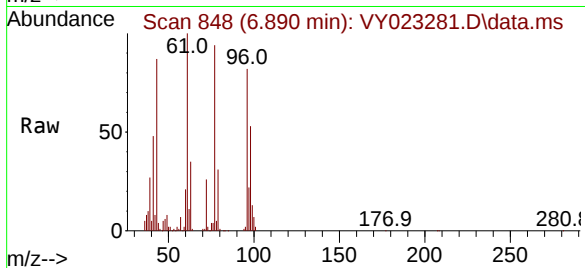
Tgt Ion: 96 Resp: 116674

Ion Ratio Lower Upper

96 100

61 131.3 0.0 278.6

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.582 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

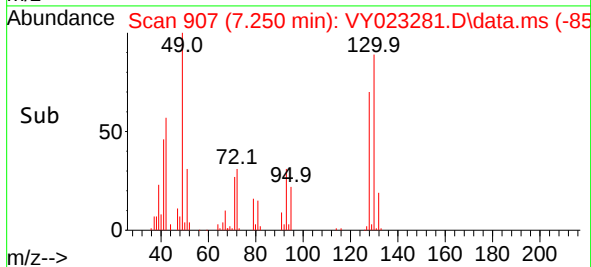
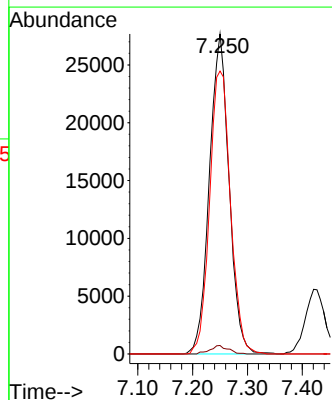
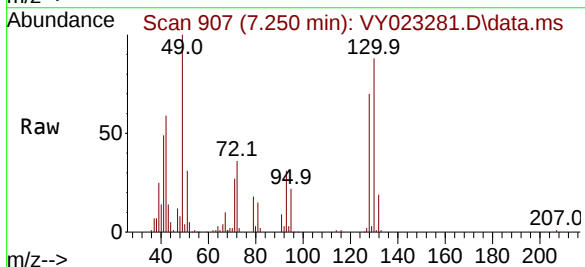
Tgt Ion: 49 Resp: 68873

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 93.6 66.4 99.6





#29

Tetrahydrofuran

Concen: 91.967 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

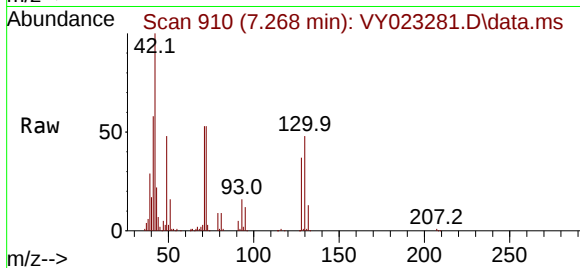
Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

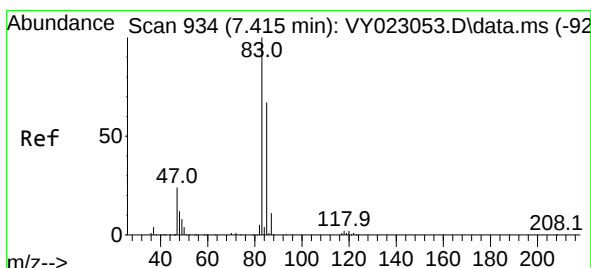
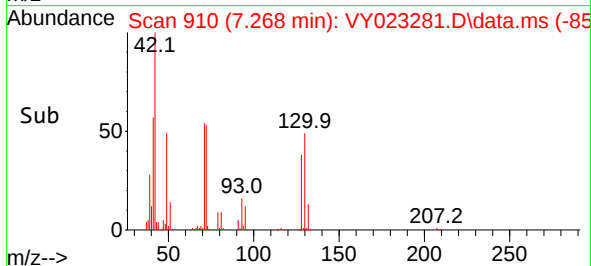
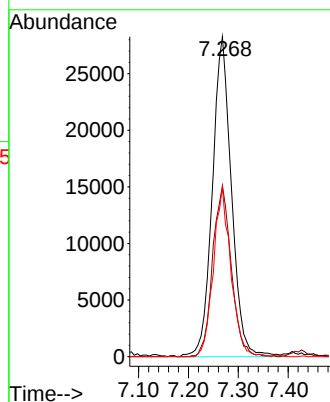
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 75336 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 52.1  | 39.4  | 59.2  |
| 71       | 48.6  | 36.5  | 54.7  |



#30

Chloroform

Concen: 20.332 ug/l

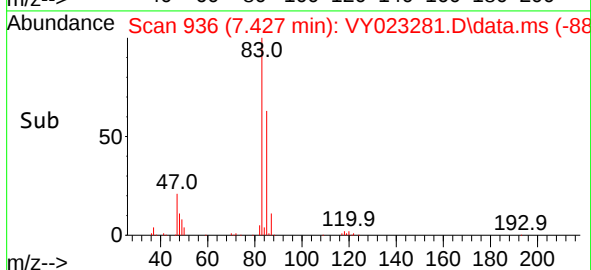
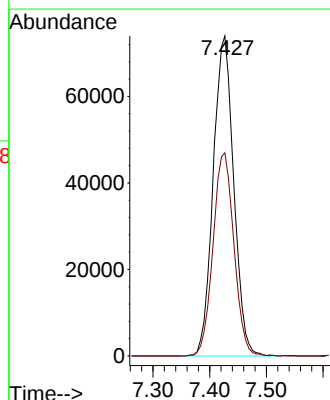
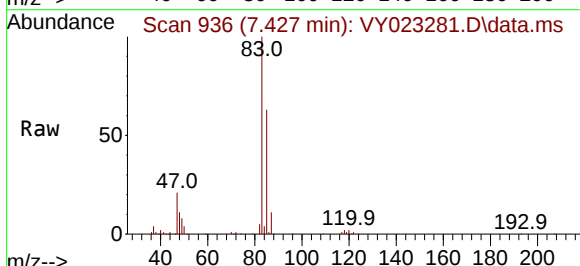
RT: 7.427 min Scan# 936

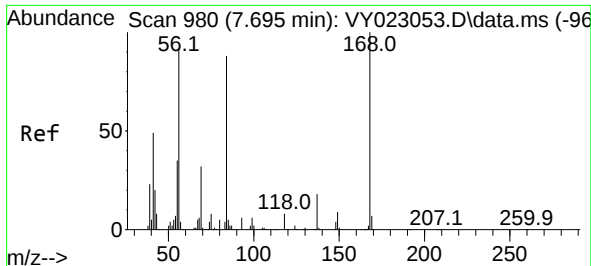
Delta R.T. 0.012 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

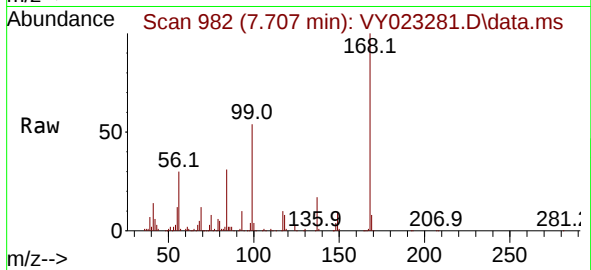
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 185890 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.5  | 53.8  | 80.8   |



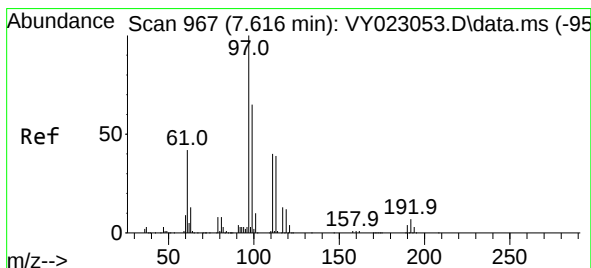
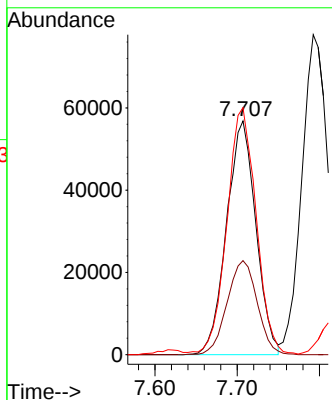
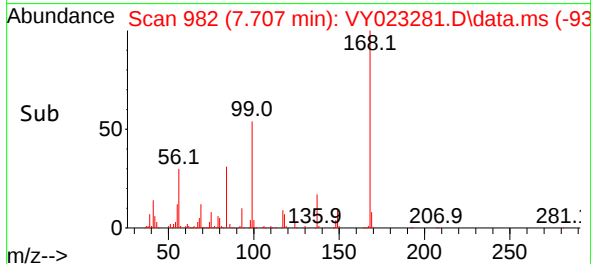


#31  
Cyclohexane  
Concen: 16.900 ug/l  
RT: 7.707 min Scan# 911  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :

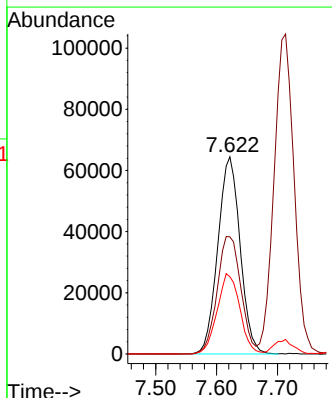
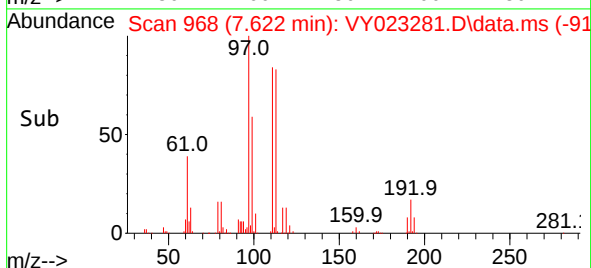
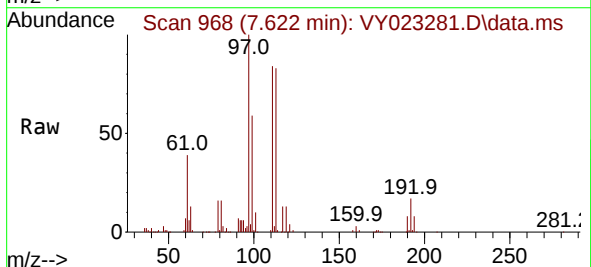


Tgt Ion: 56 Resp: 141186  
Ion Ratio Lower Upper  
56 100  
69 40.2 28.2 42.2  
84 103.9 76.6 114.8



#32  
1,1,1-Trichloroethane  
Concen: 20.219 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 97 Resp: 164029  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.6 77.4  
61 41.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.705 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

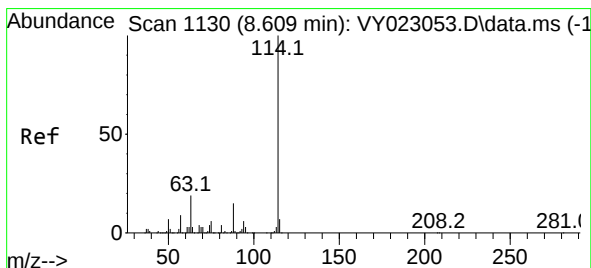
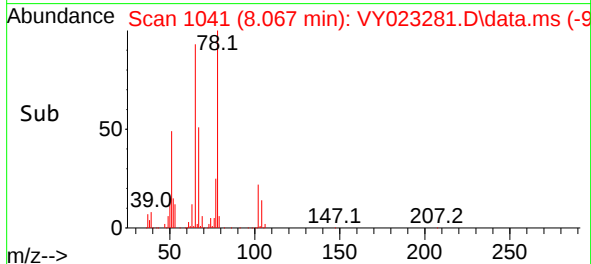
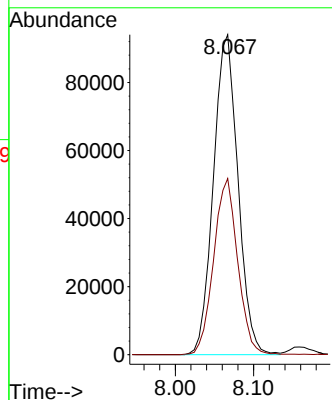
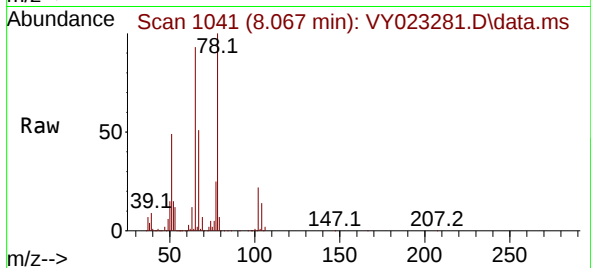
ClientSampleId :

Tgt Ion: 65 Resp: 204994

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

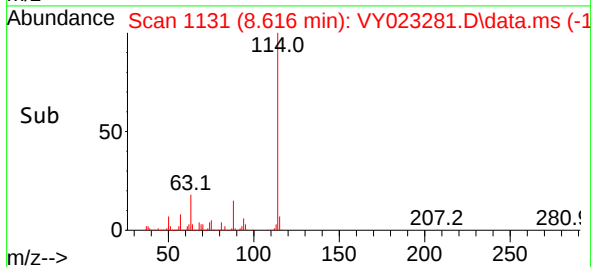
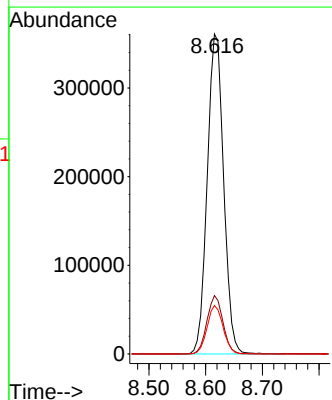
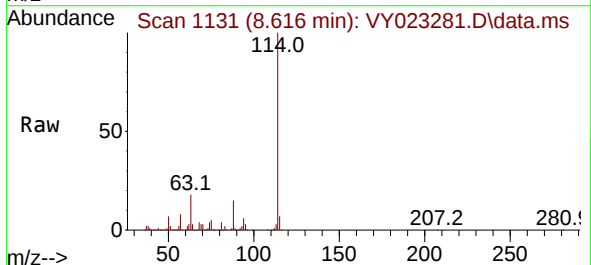
Tgt Ion:114 Resp: 724560

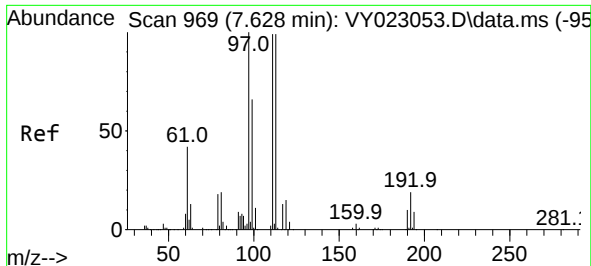
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

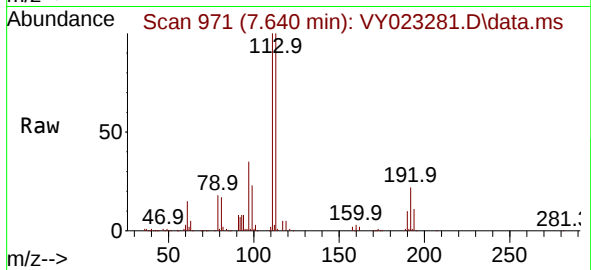
88 15.2 0.0 30.0



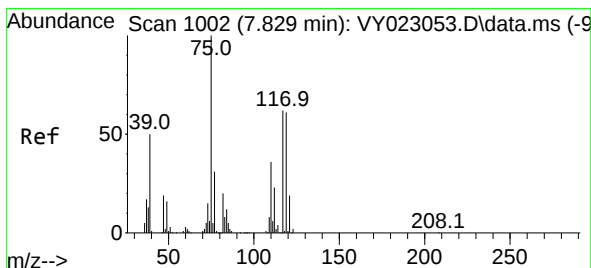
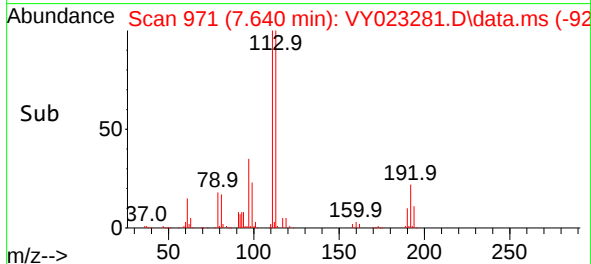
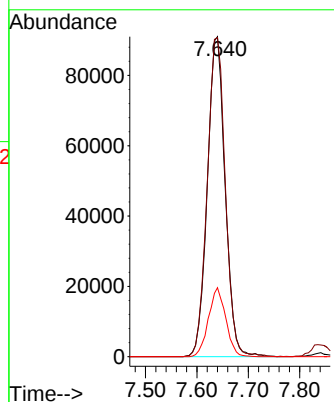


#35  
Dibromofluoromethane  
Concen: 50.345 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :

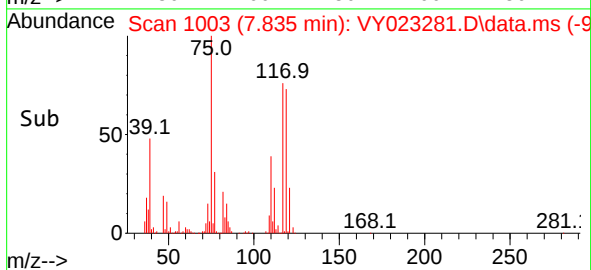
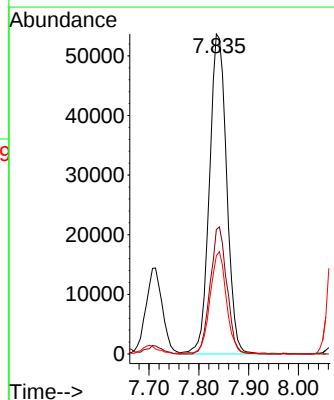
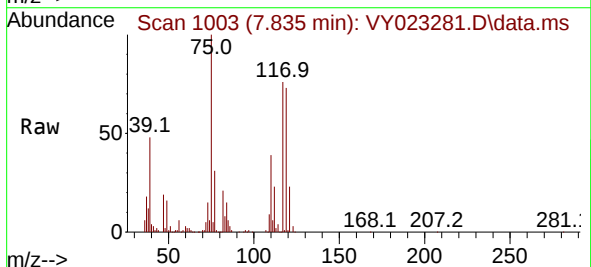


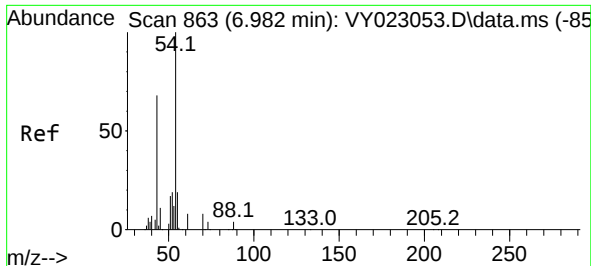
Tgt Ion:113 Resp: 218274  
Ion Ratio Lower Upper  
113 100  
111 101.7 81.1 121.7  
192 21.0 16.2 24.4



#36  
1,1-Dichloropropene  
Concen: 19.972 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 75 Resp: 128682  
Ion Ratio Lower Upper  
75 100  
110 38.3 18.1 54.4  
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 19.937 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

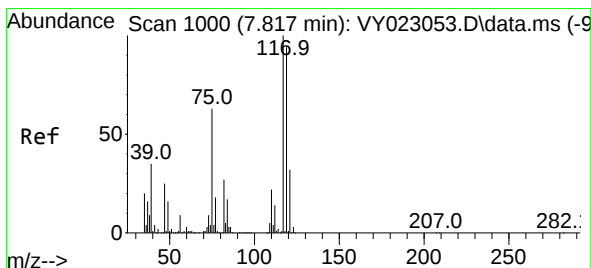
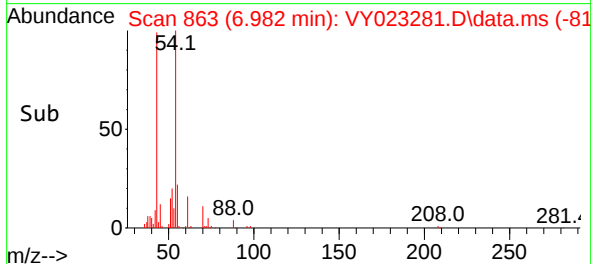
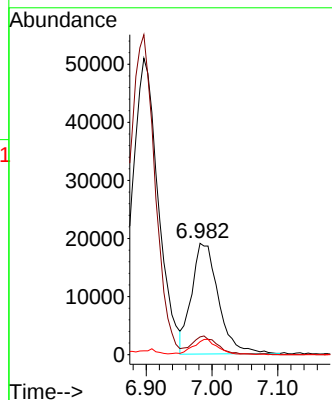
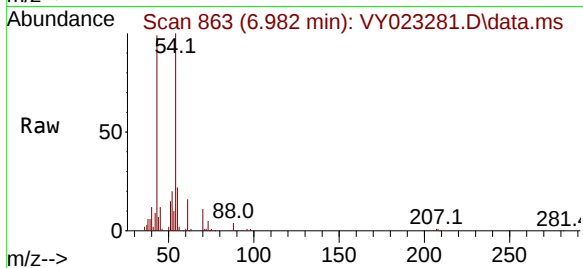
Tgt Ion: 43 Resp: 53961

Ion Ratio Lower Upper

43 100

61 14.8 11.9 17.9

70 11.7 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.891 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

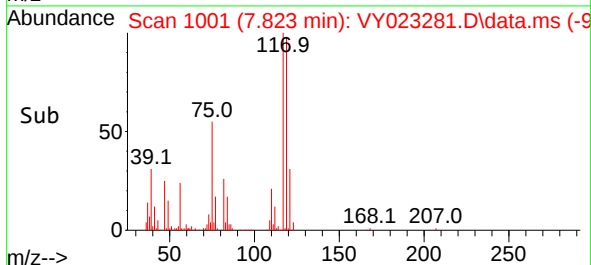
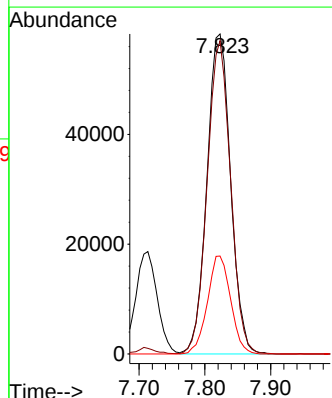
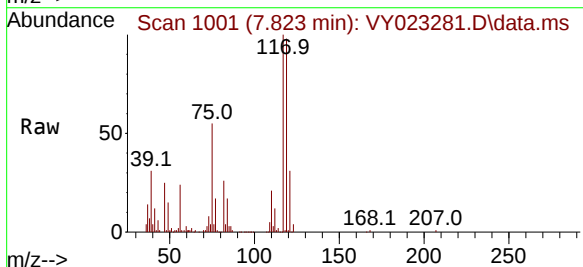
Tgt Ion: 117 Resp: 146197

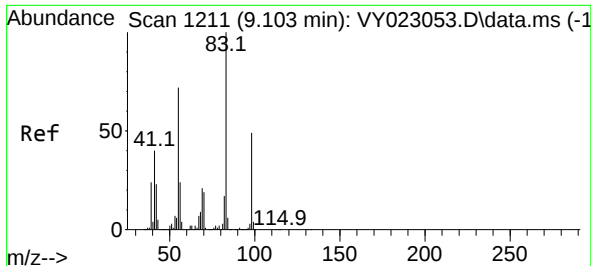
Ion Ratio Lower Upper

117 100

119 97.9 75.6 113.4

121 30.6 25.8 38.8





#39

Methylcyclohexane

Concen: 18.597 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

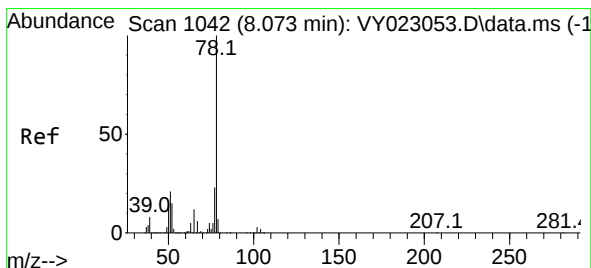
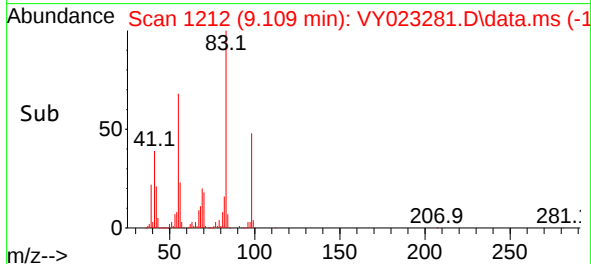
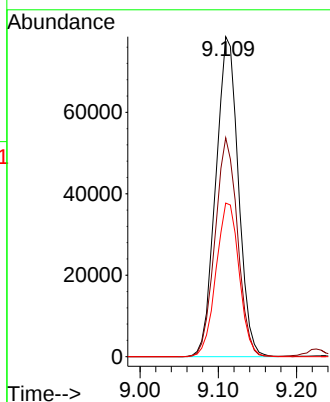
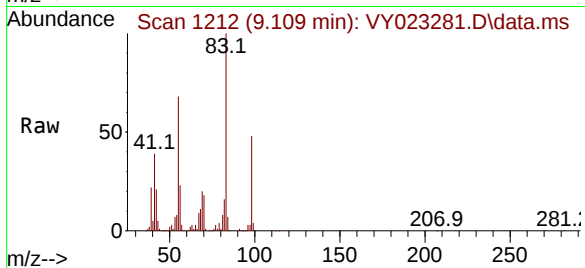
Tgt Ion: 83 Resp: 157794

Ion Ratio Lower Upper

83 100

55 68.4 57.6 86.4

98 48.0 39.2 58.8



#40

Benzene

Concen: 20.395 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023281.D

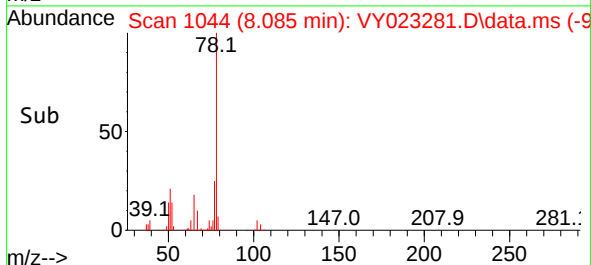
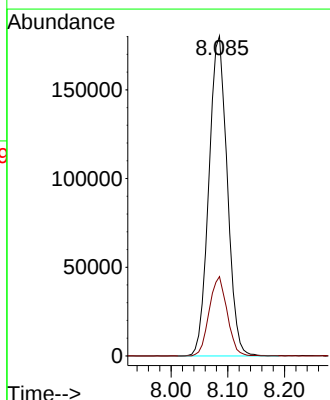
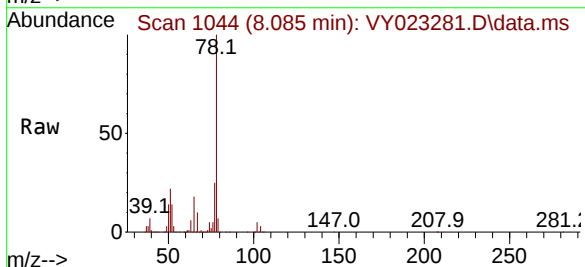
Acq: 04 Sep 2025 10:26

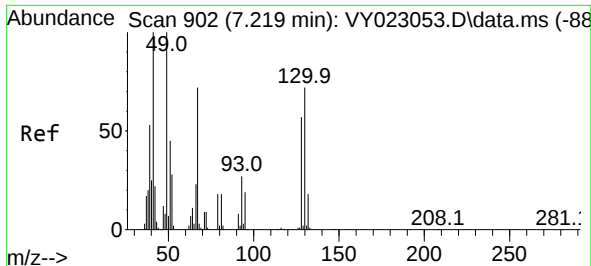
Tgt Ion: 78 Resp: 405017

Ion Ratio Lower Upper

78 100

77 24.8 18.6 28.0

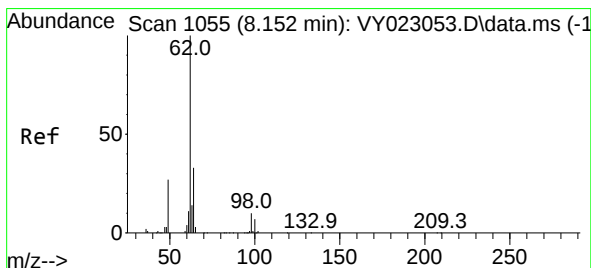
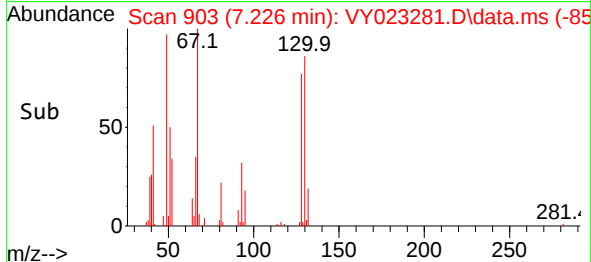
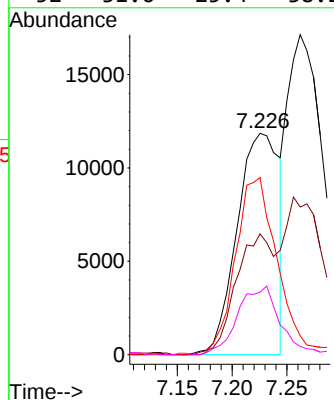
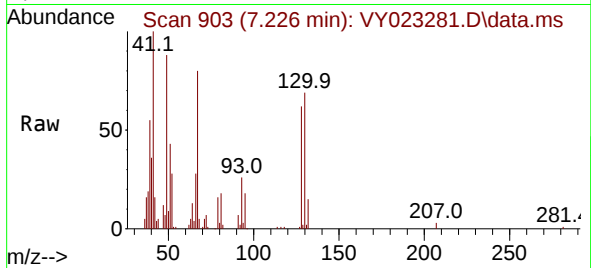




#41  
Methacrylonitrile  
Concen: 20.197 ug/l  
RT: 7.226 min Scan# 902  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

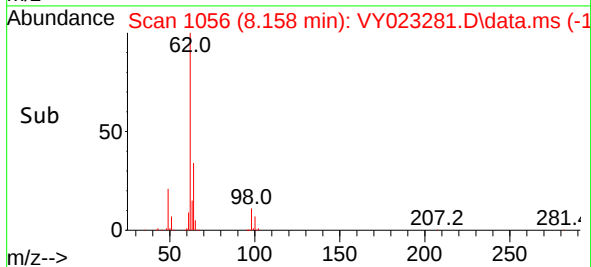
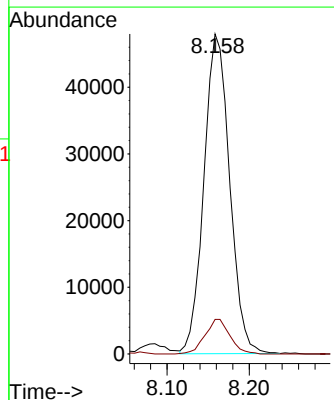
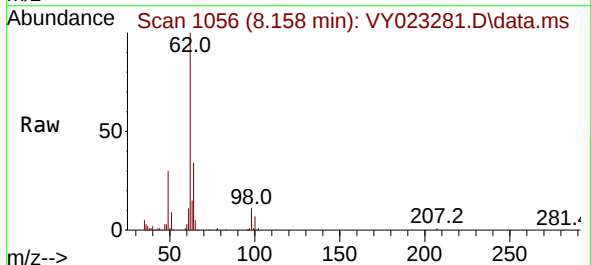
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 41 Resp: 31549  
Ion Ratio Lower Upper  
41 100  
39 47.7 43.4 65.2  
67 80.1 63.6 95.4  
52 31.6 25.4 38.2



#42  
1,2-Dichloroethane  
Concen: 20.201 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 62 Resp: 104337  
Ion Ratio Lower Upper  
62 100  
98 10.5 0.0 20.6





#43

Isopropyl Acetate

Concen: 18.881 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

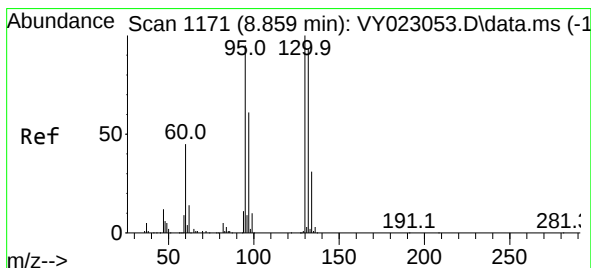
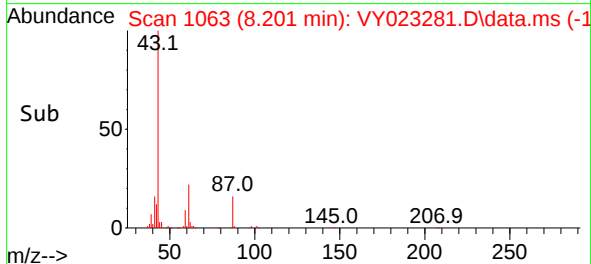
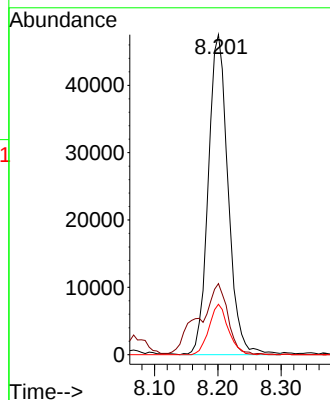
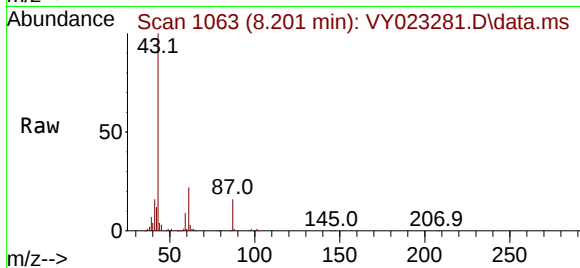
Tgt Ion: 43 Resp: 103288

Ion Ratio Lower Upper

43 100

61 32.5 16.4 24.6#

87 15.3 11.8 17.6



#44

Trichloroethene

Concen: 21.735 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY023281.D

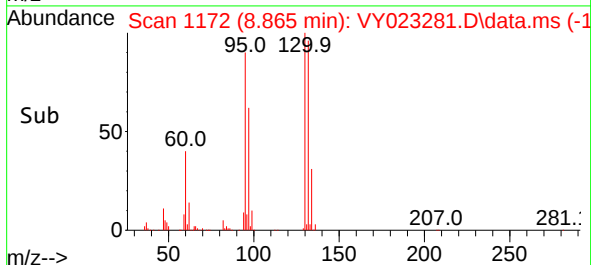
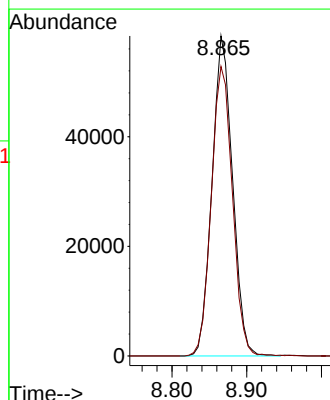
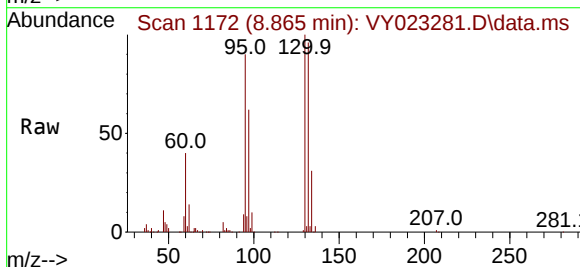
Acq: 04 Sep 2025 10:26

Tgt Ion:130 Resp: 111544

Ion Ratio Lower Upper

130 100

95 90.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.408 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

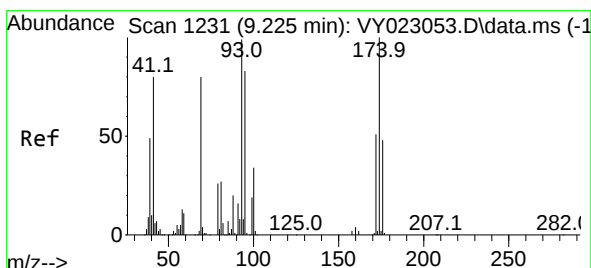
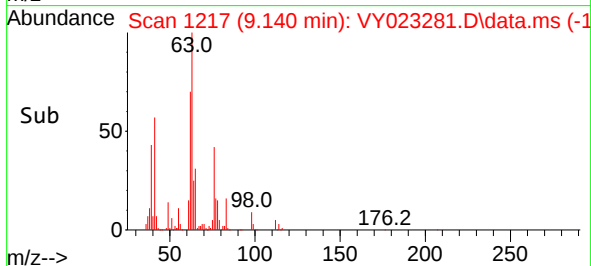
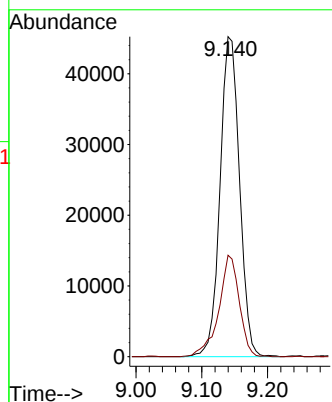
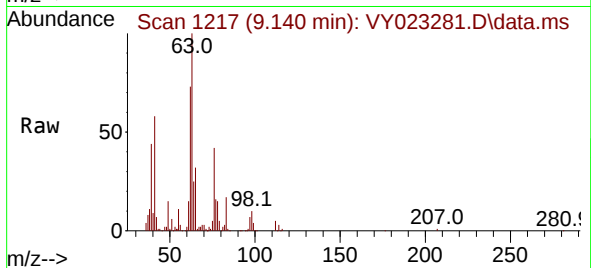
ClientSampleId :

Tgt Ion: 63 Resp: 93250

Ion Ratio Lower Upper

63 100

65 31.7 25.3 37.9



#46

Dibromomethane

Concen: 21.437 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

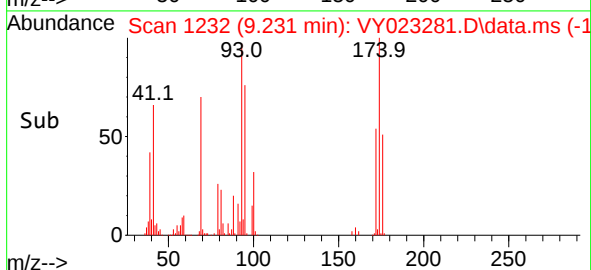
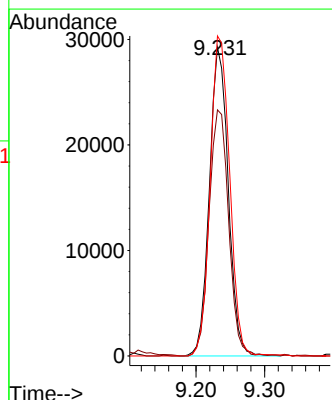
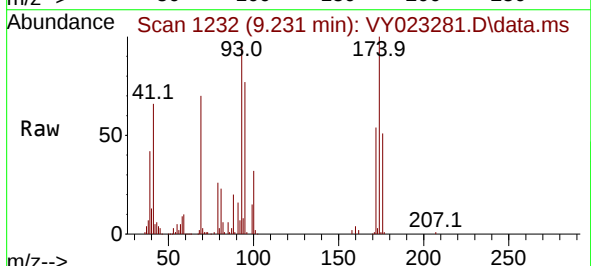
Tgt Ion: 93 Resp: 56223

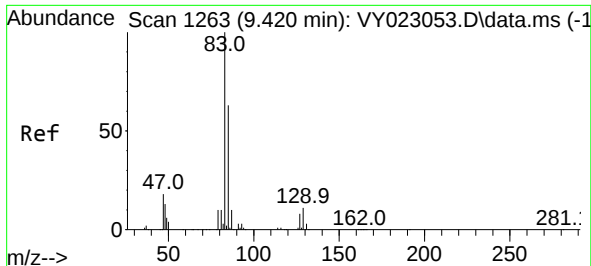
Ion Ratio Lower Upper

93 100

95 82.6 66.5 99.7

174 106.7 81.8 122.8

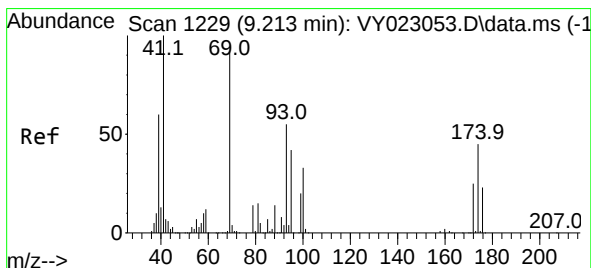
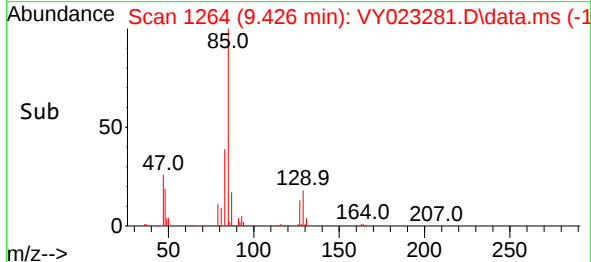
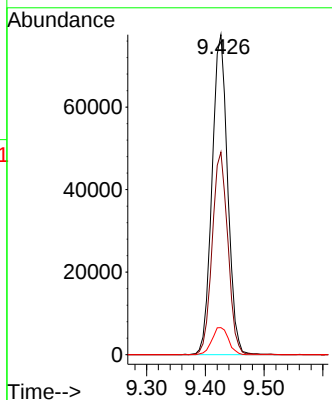
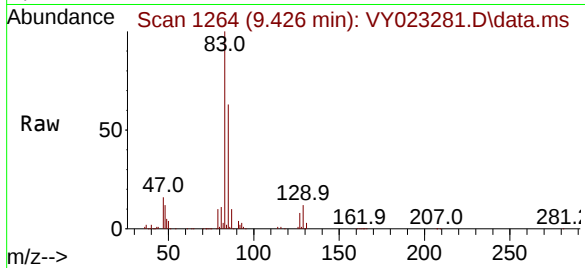




#47  
Bromodichloromethane  
Concen: 21.170 ug/l  
RT: 9.426 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

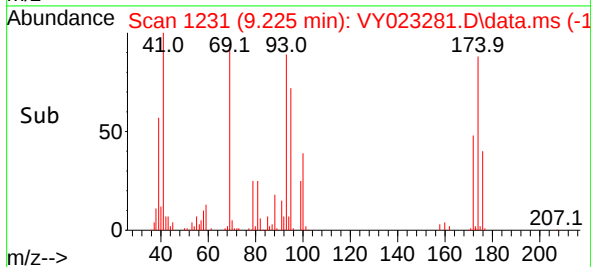
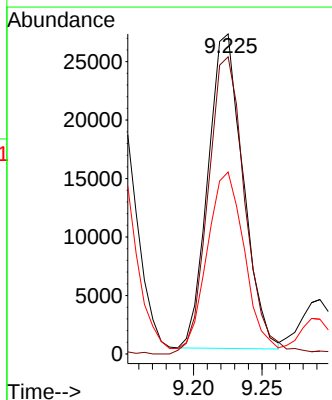
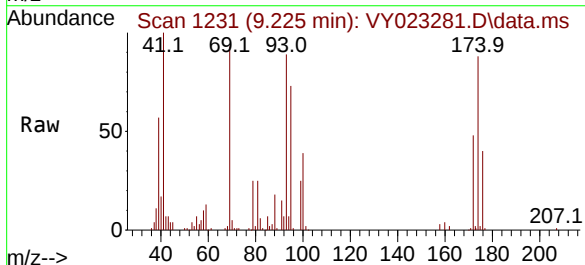
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 83 Resp: 142867  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.2 75.4  
127 8.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 18.300 ug/l  
RT: 9.225 min Scan# 1231  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 41 Resp: 47906  
Ion Ratio Lower Upper  
41 100  
69 99.8 73.2 109.8  
39 58.3 47.0 70.4





#49

1,4-Dioxane

Concen: 404.111 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

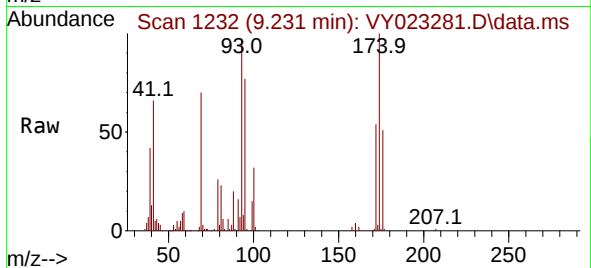
Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :



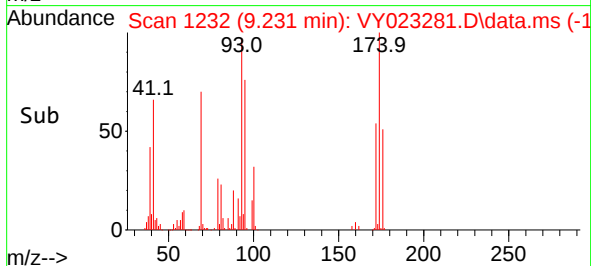
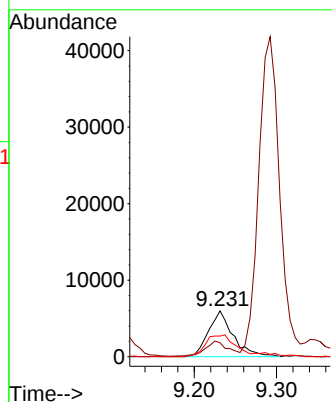
Tgt Ion: 88 Resp: 12427

Ion Ratio Lower Upper

88 100

43 30.2 24.3 36.5

58 59.1 55.4 83.0



#50

Toluene-d8

Concen: 48.490 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023281.D

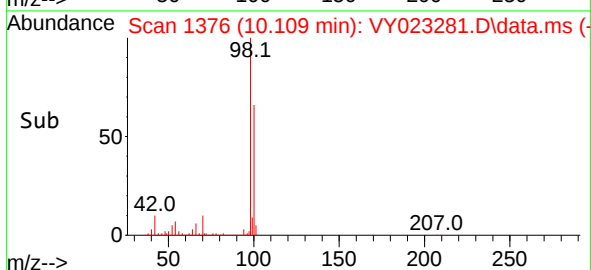
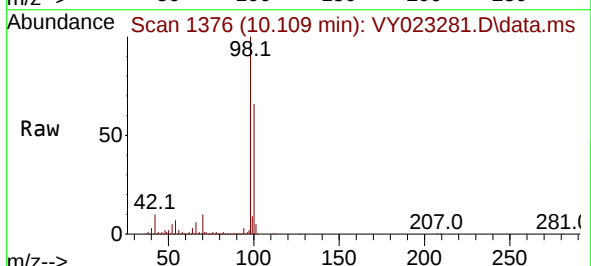
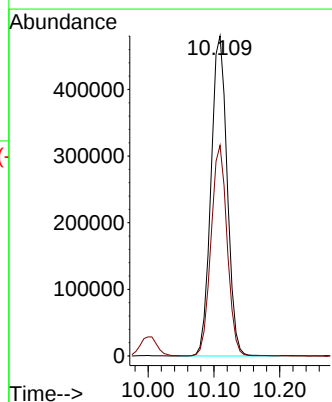
Acq: 04 Sep 2025 10:26

Tgt Ion: 98 Resp: 821282

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

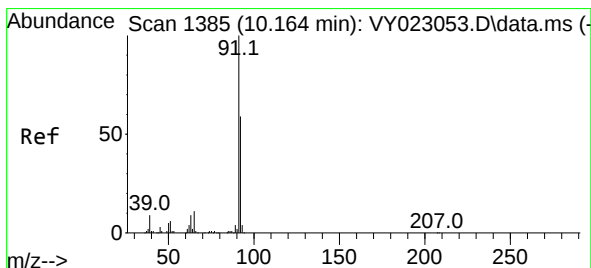
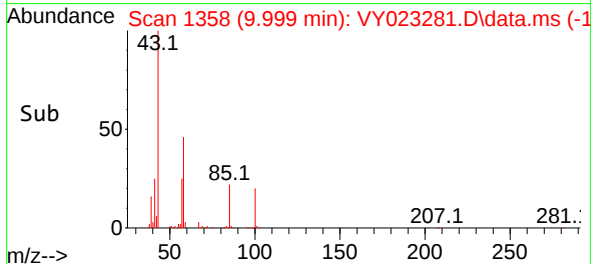
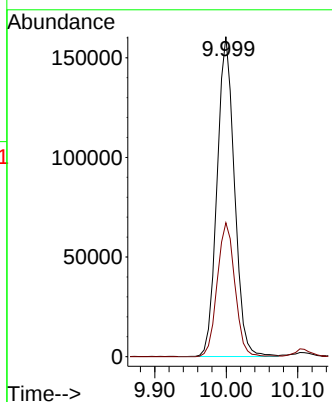
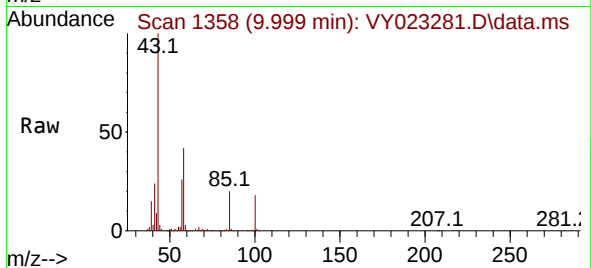




#51  
4-Methyl-2-Pentanone  
Concen: 96.148 ug/l  
RT: 9.999 min Scan# 1357  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

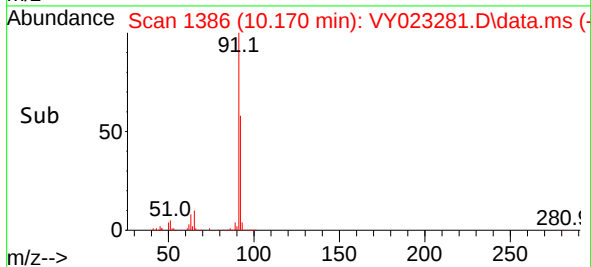
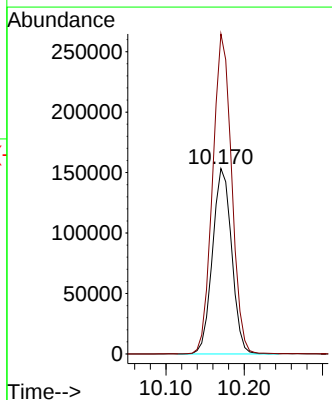
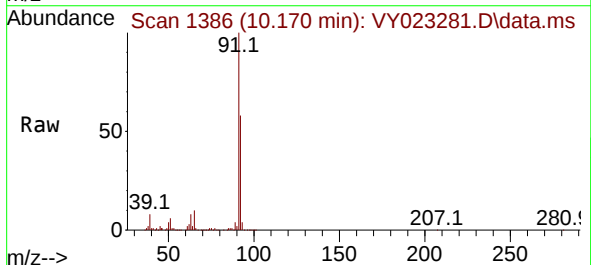
Instrument :  
MSVOA\_Y  
ClientSampleId :

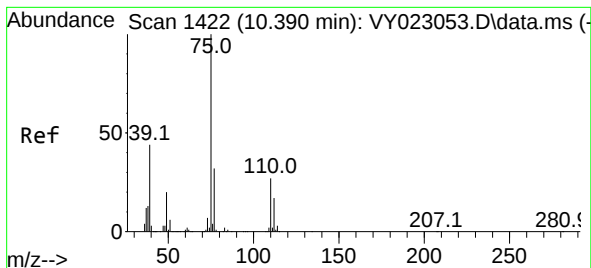
Tgt Ion: 43 Resp: 271313  
Ion Ratio Lower Upper  
43 100  
58 42.5 33.5 50.3



#52  
Toluene  
Concen: 20.675 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 92 Resp: 260772  
Ion Ratio Lower Upper  
92 100  
91 171.4 136.4 204.6

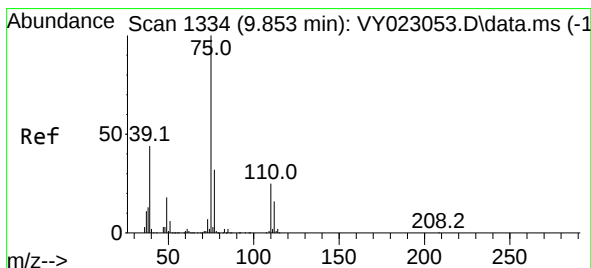
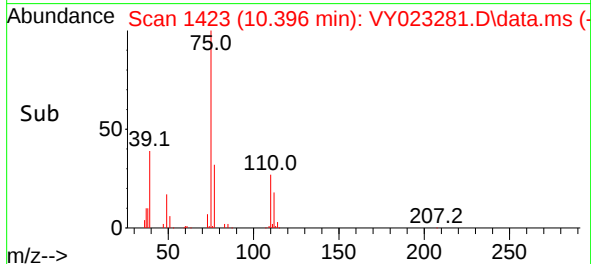
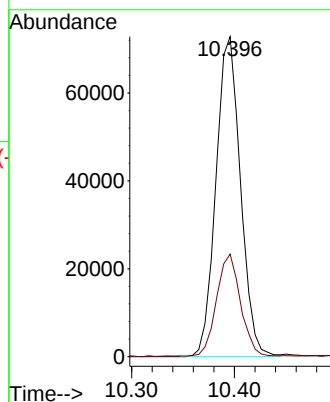
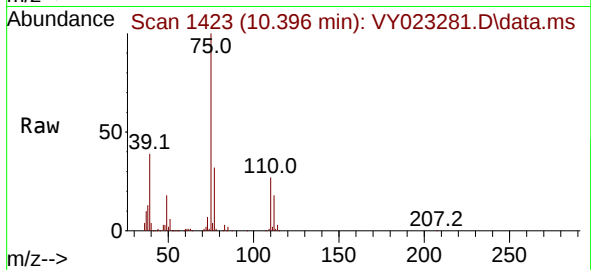




#53  
t-1,3-Dichloropropene  
Concen: 19.713 ug/l  
RT: 10.396 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

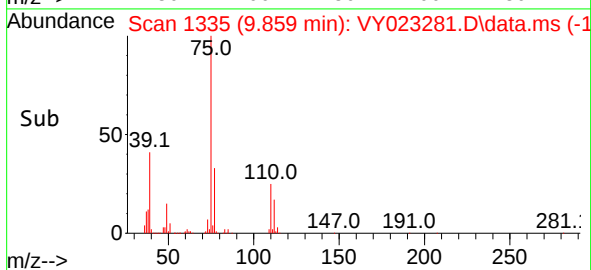
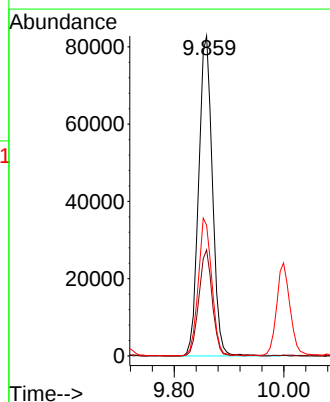
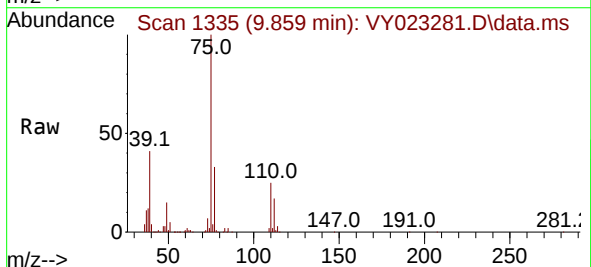
Instrument :  
MSVOA\_Y  
ClientSampleId :

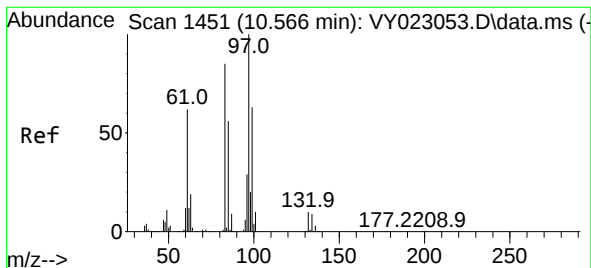
Tgt Ion: 75 Resp: 120464  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 19.957 ug/l  
RT: 9.859 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 75 Resp: 144211  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.4 38.0  
39 40.7 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 21.811 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 76542

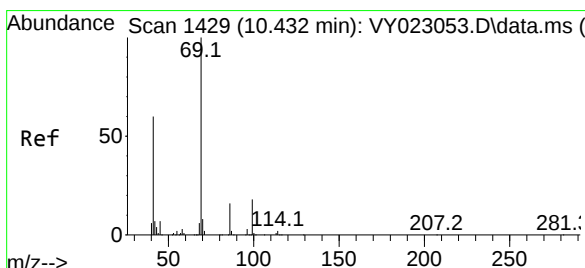
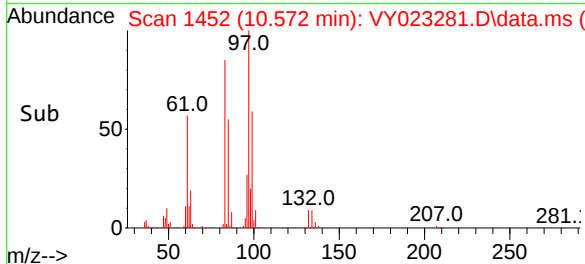
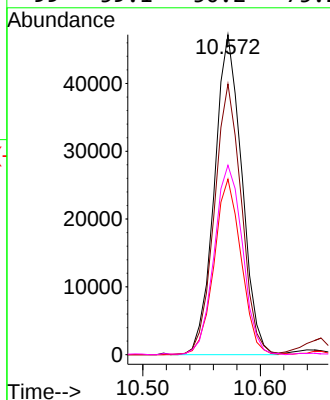
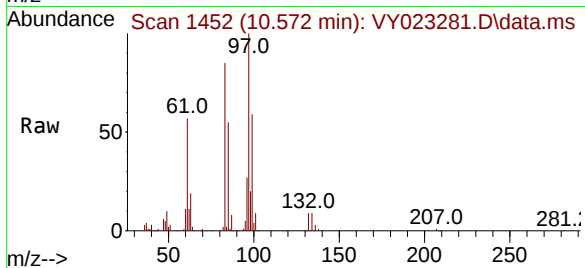
Ion Ratio Lower Upper

97 100

83 84.4 67.7 101.5

85 54.7 44.5 66.7

99 59.1 50.2 75.2



#56

Ethyl methacrylate

Concen: 19.141 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

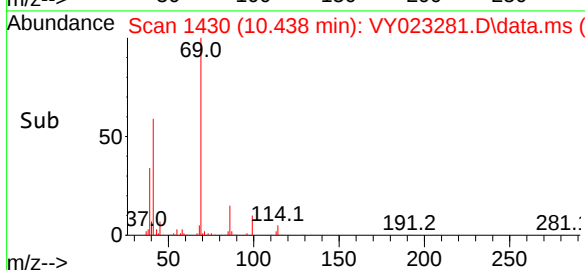
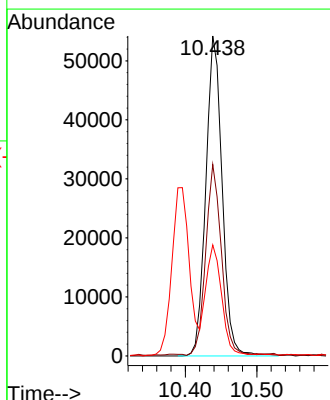
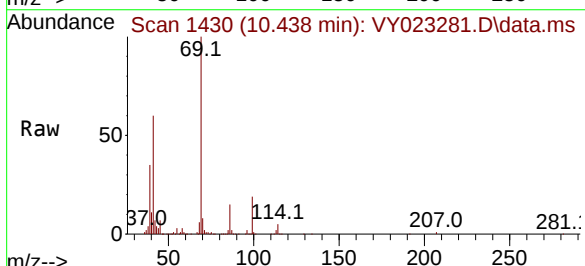
Tgt Ion: 69 Resp: 85954

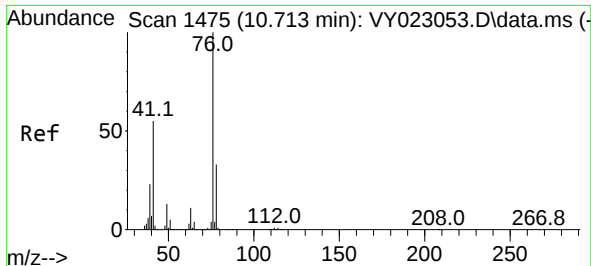
Ion Ratio Lower Upper

69 100

41 57.1 48.6 72.8

39 32.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.930 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

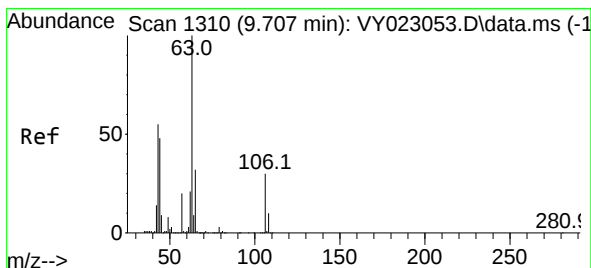
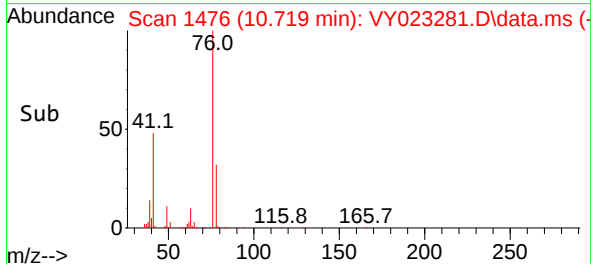
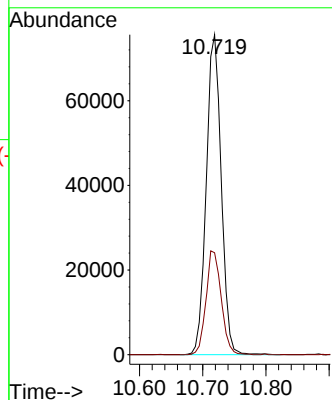
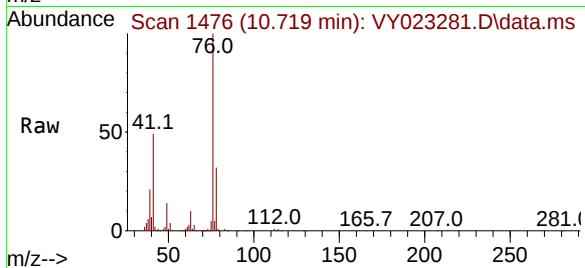
ClientSampleId :

Tgt Ion: 76 Resp: 124571

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.965 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023281.D

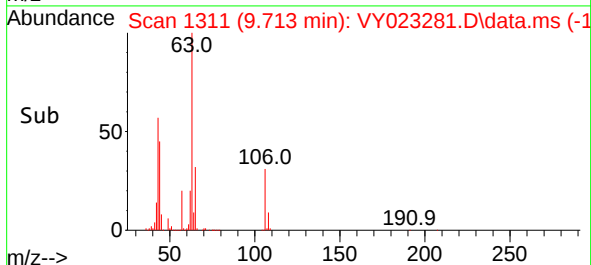
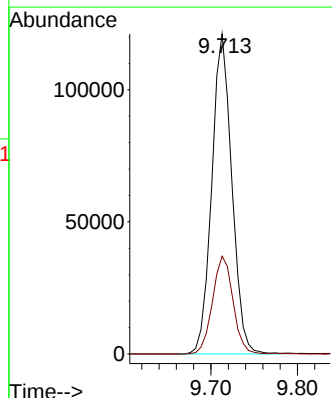
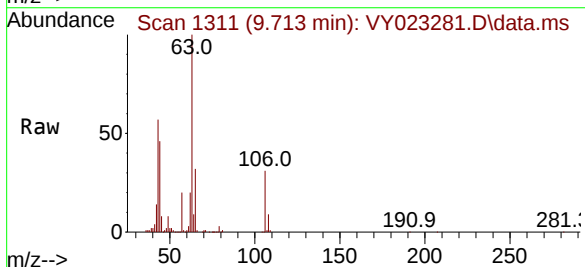
Acq: 04 Sep 2025 10:26

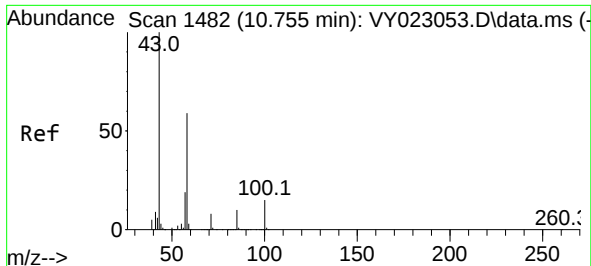
Tgt Ion: 63 Resp: 194803

Ion Ratio Lower Upper

63 100

106 31.2 23.2 34.8

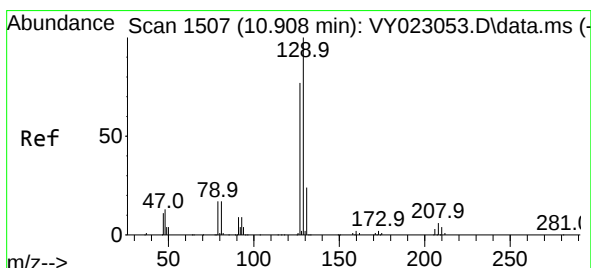
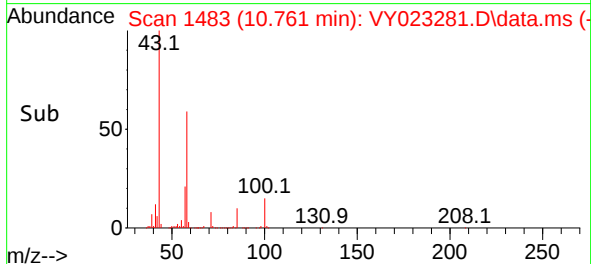
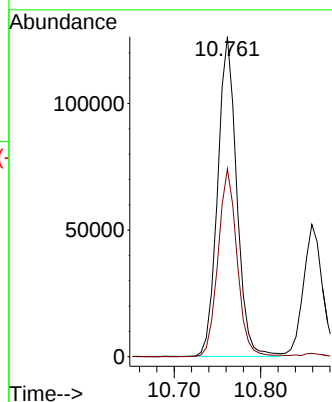
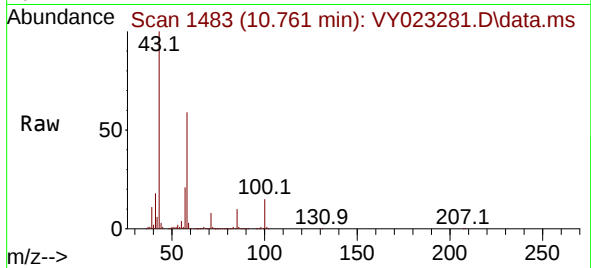




#59  
2-Hexanone  
Concen: 100.691 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

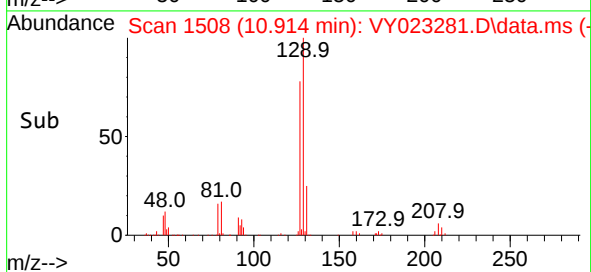
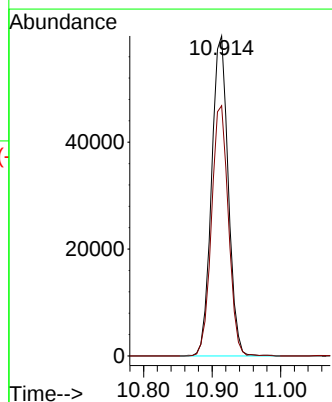
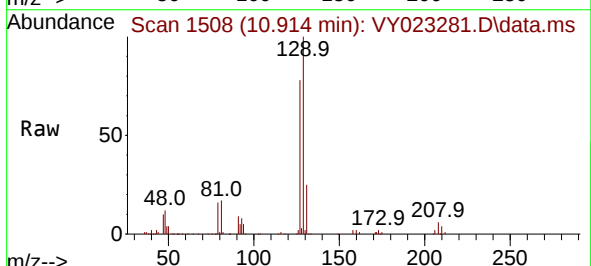
Instrument :  
MSVOA\_Y  
ClientSampleId :

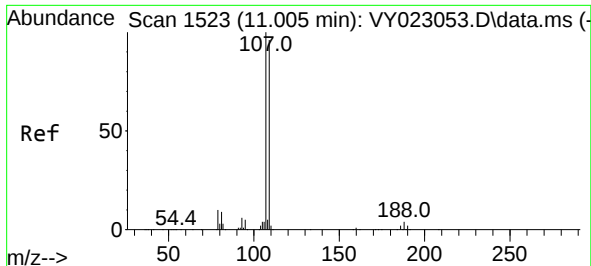
Tgt Ion: 43 Resp: 193476  
Ion Ratio Lower Upper  
43 100  
58 58.5 29.5 88.5



#60  
Dibromochloromethane  
Concen: 21.873 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 129 Resp: 101287  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.5 115.5

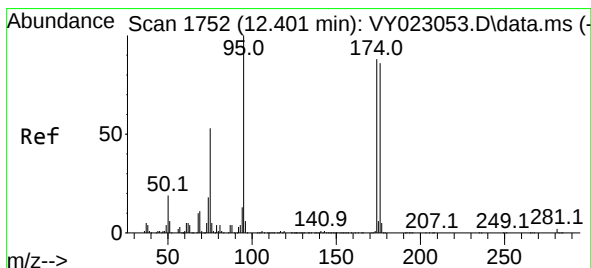
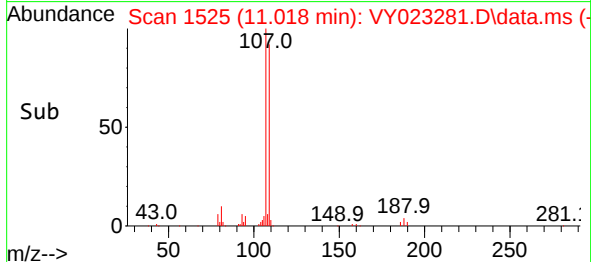
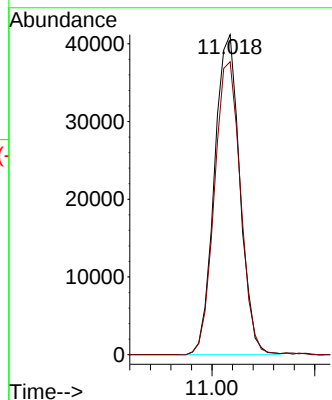
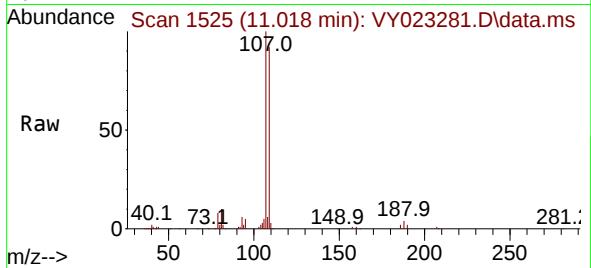




#61  
1,2-Dibromoethane  
Concen: 21.422 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. 0.012 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

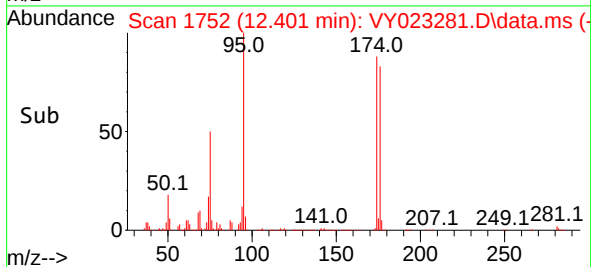
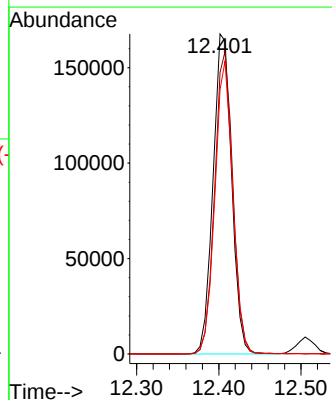
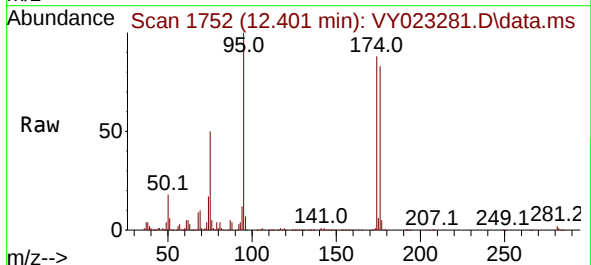
Instrument :  
MSVOA\_Y  
ClientSampleId :

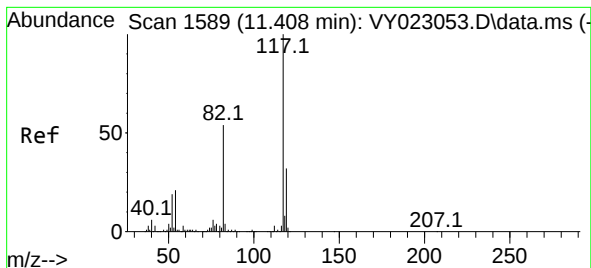
Tgt Ion:107 Resp: 70658  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 48.326 ug/l  
RT: 12.401 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 95 Resp: 263228  
Ion Ratio Lower Upper  
95 100  
174 92.9 0.0 171.6  
176 88.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

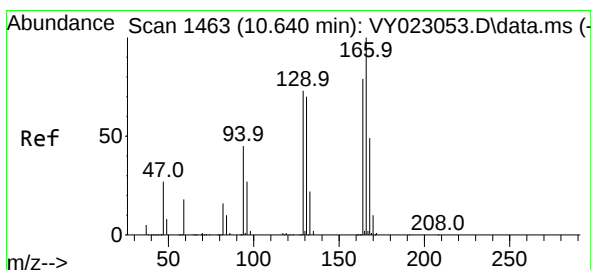
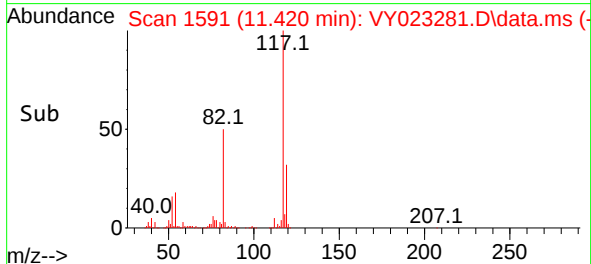
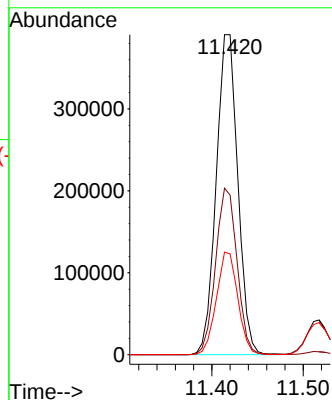
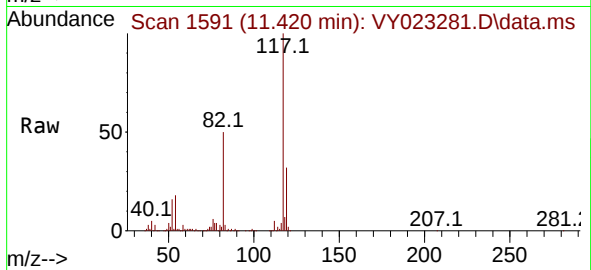
Tgt Ion:117 Resp: 642177

Ion Ratio Lower Upper

117 100

82 49.9 43.4 65.0

119 31.5 25.6 38.4



#64

Tetrachloroethene

Concen: 23.387 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Tgt Ion:164 Resp: 134107

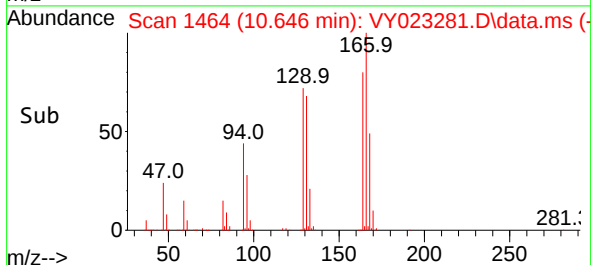
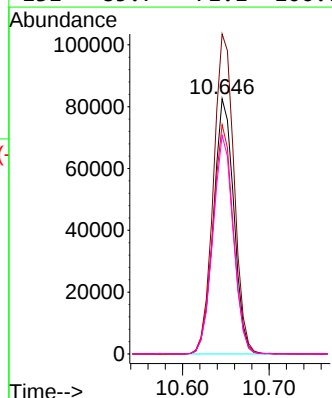
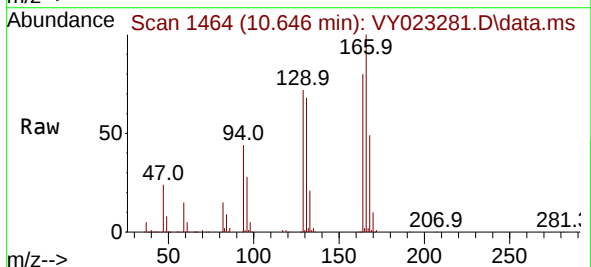
Ion Ratio Lower Upper

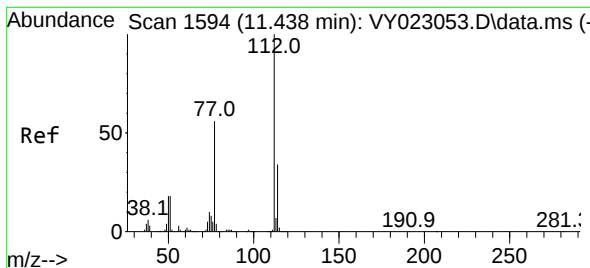
164 100

166 125.4 101.1 151.7

129 89.9 74.0 111.0

131 85.7 71.1 106.7





#65

Chlorobenzene

Concen: 20.904 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

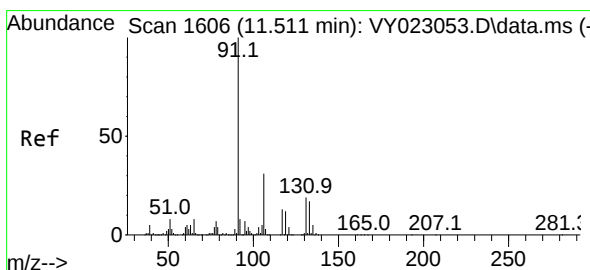
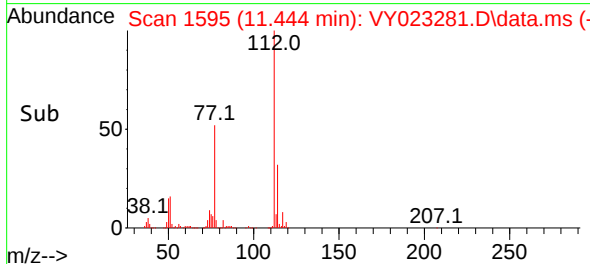
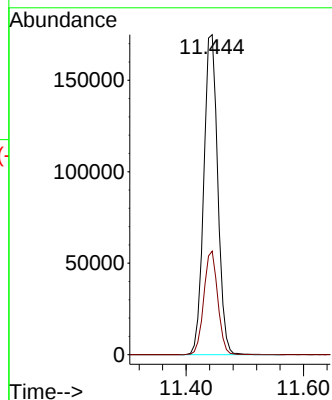
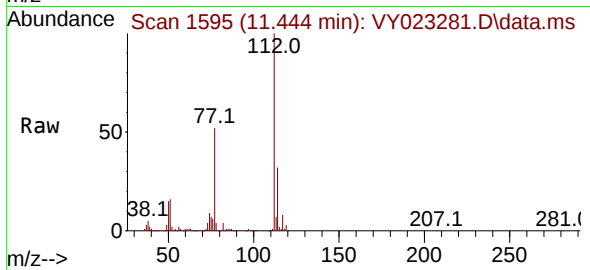
ClientSampleId :

Tgt Ion:112 Resp: 289564

Ion Ratio Lower Upper

112 100

114 32.3 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.573 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

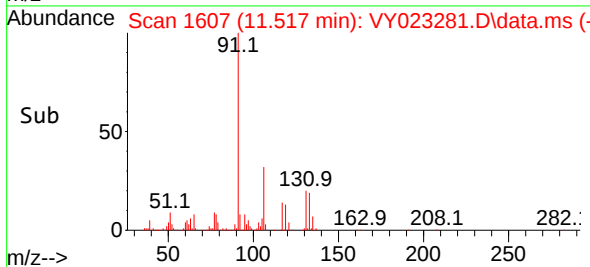
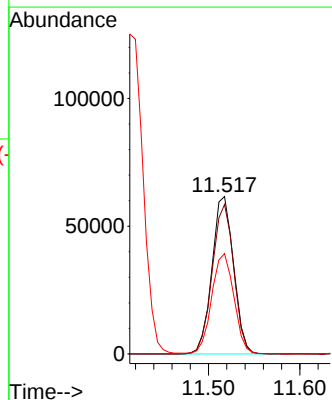
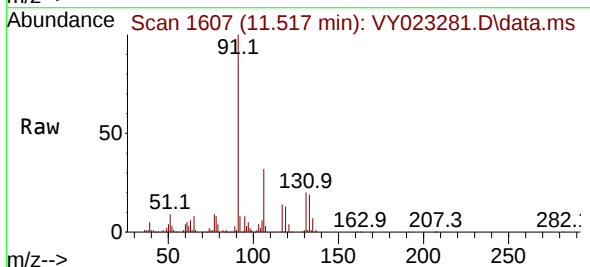
Tgt Ion:131 Resp: 101420

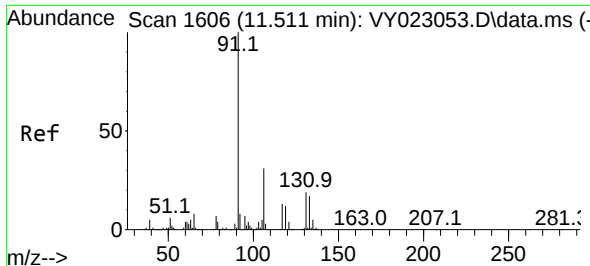
Ion Ratio Lower Upper

131 100

133 94.7 46.9 140.6

119 65.6 33.2 99.6





#67

Ethyl Benzene

Concen: 19.556 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

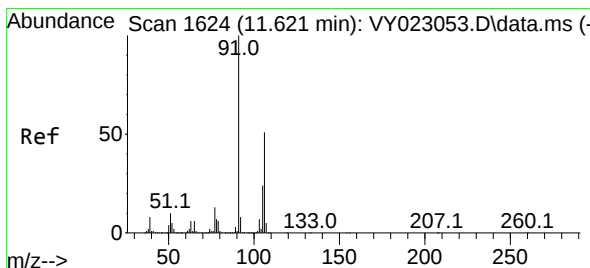
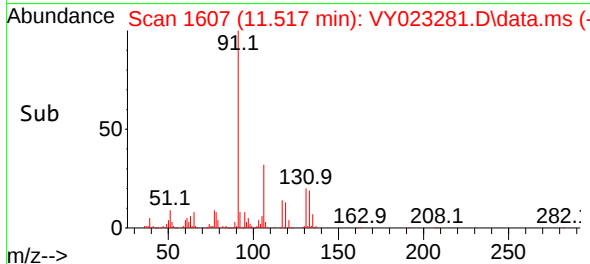
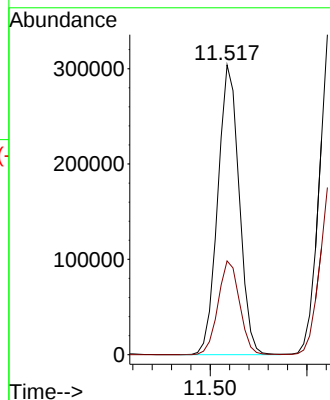
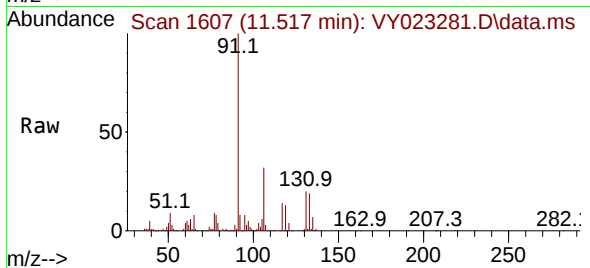
ClientSampleId :

Tgt Ion: 91 Resp: 466177

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



#68

m/p-Xylenes

Concen: 40.823 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023281.D

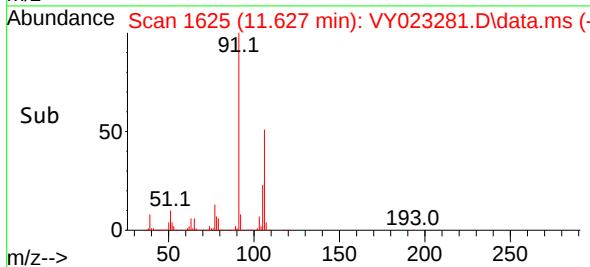
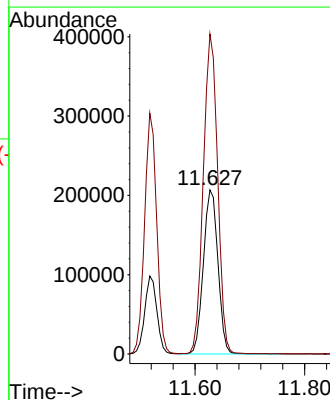
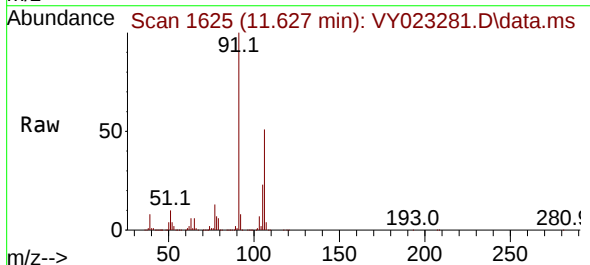
Acq: 04 Sep 2025 10:26

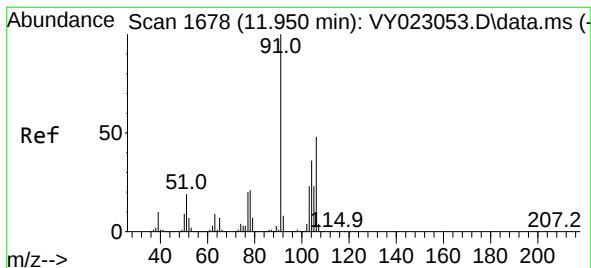
Tgt Ion:106 Resp: 380068

Ion Ratio Lower Upper

106 100

91 191.6 158.6 238.0





#69

o-Xylene

Concen: 20.205 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

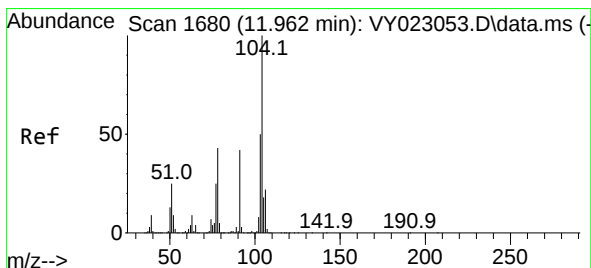
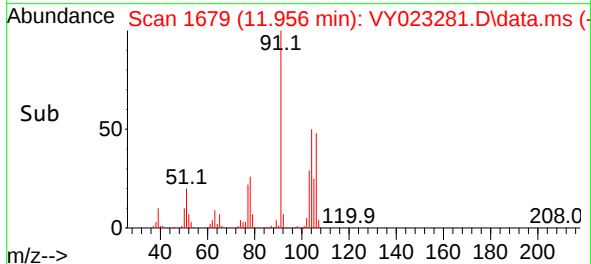
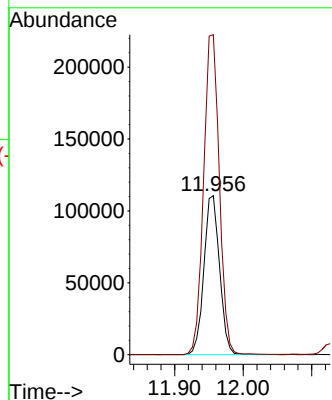
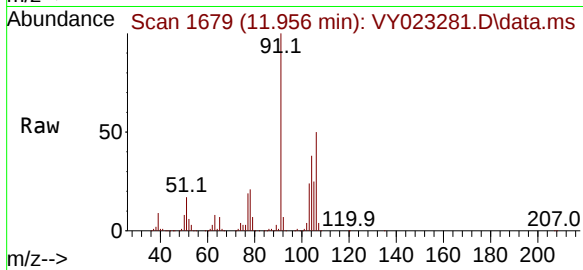
ClientSampleId :

Tgt Ion:106 Resp: 176185

Ion Ratio Lower Upper

106 100

91 202.2 103.2 309.4



#70

Styrene

Concen: 20.519 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

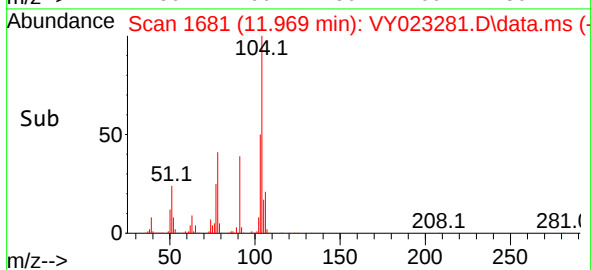
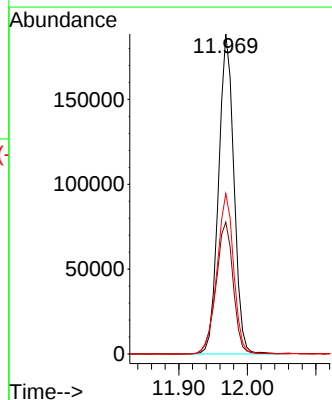
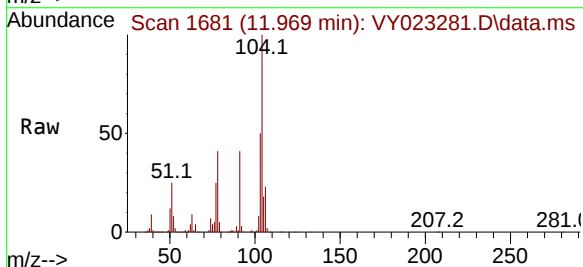
Tgt Ion:104 Resp: 292604

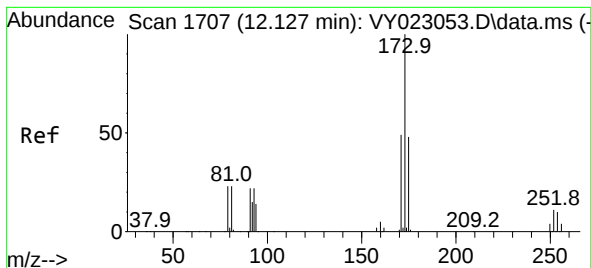
Ion Ratio Lower Upper

104 100

78 46.0 38.5 57.7

103 54.3 43.7 65.5





#71

Bromoform

Concen: 22.588 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023281.D

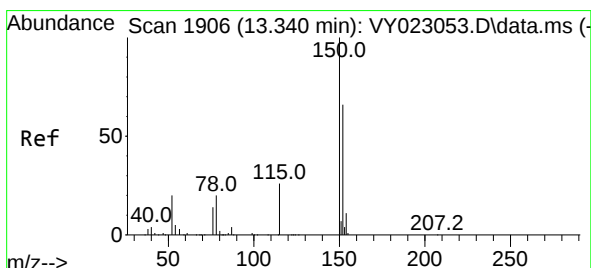
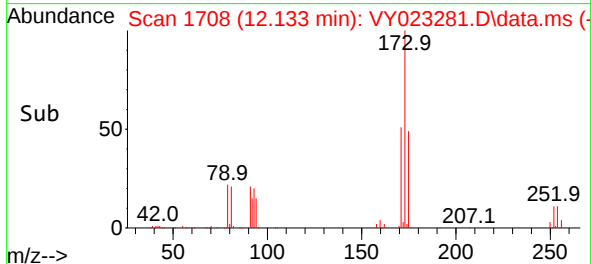
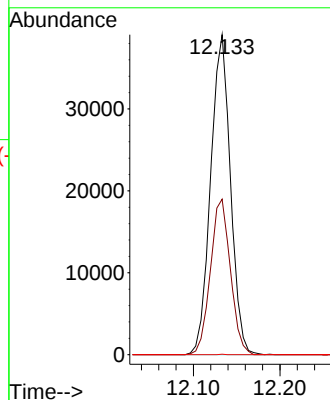
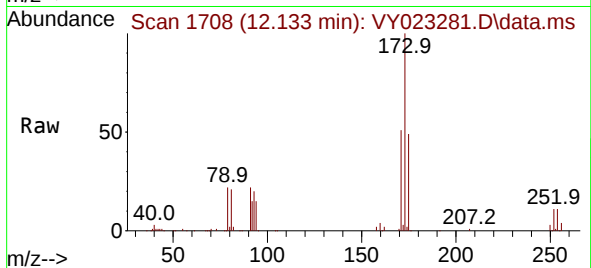
Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion:173 Resp: 62064  
 Ion Ratio Lower Upper  
 173 100  
 175 49.0 23.9 71.7  
 254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

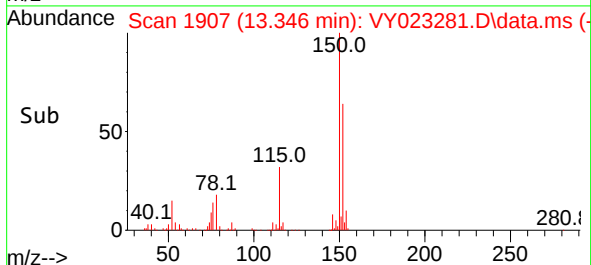
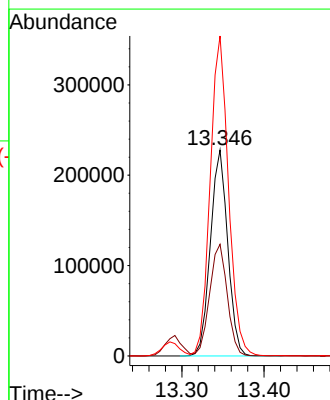
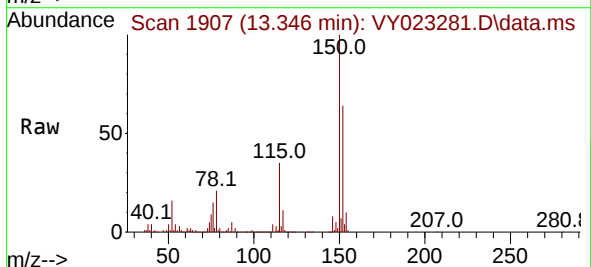
RT: 13.346 min Scan# 1907

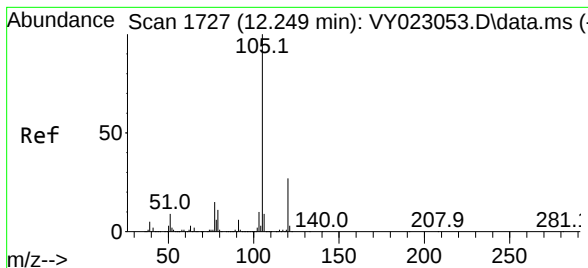
Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Tgt Ion:152 Resp: 334491  
 Ion Ratio Lower Upper  
 152 100  
 115 54.9 28.2 84.6  
 150 163.4 0.0 348.0





#73

Isopropylbenzene

Concen: 18.979 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

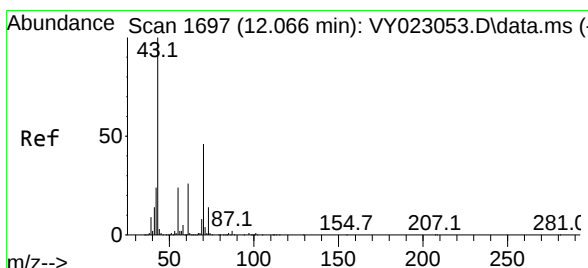
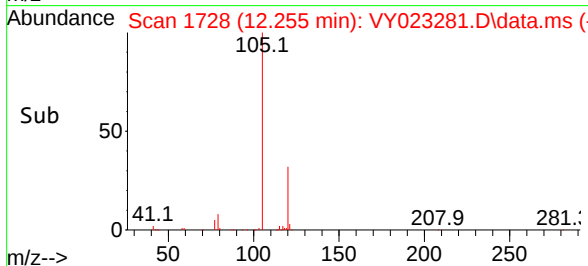
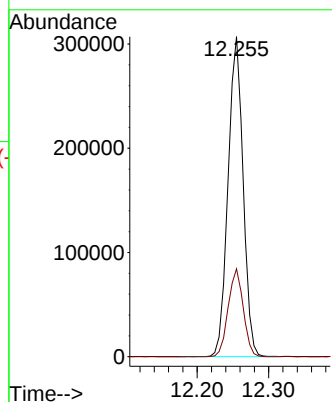
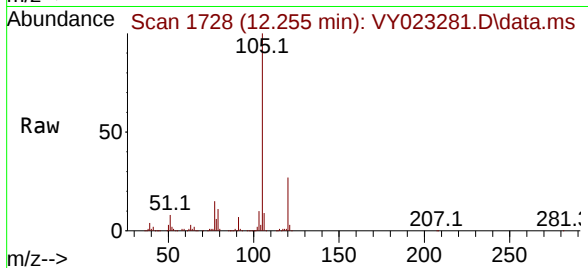
ClientSampleId :

Tgt Ion:105 Resp: 448066

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-amy1 acetate

Concen: 17.204 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Tgt Ion: 43 Resp: 86133

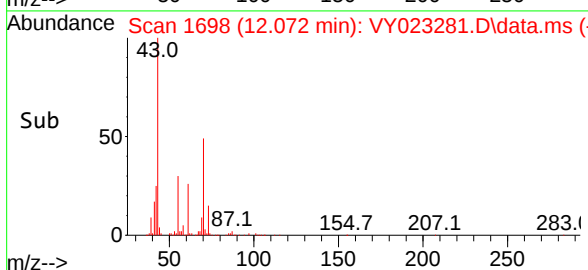
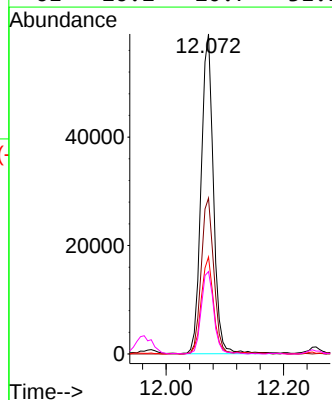
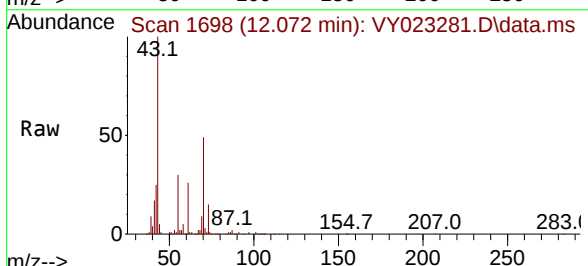
Ion Ratio Lower Upper

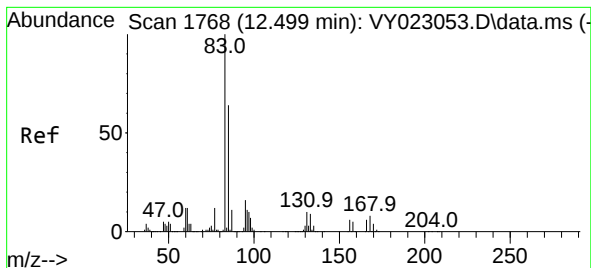
43 100

70 50.3 37.5 56.3

55 30.0 20.7 31.1

61 26.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.364 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

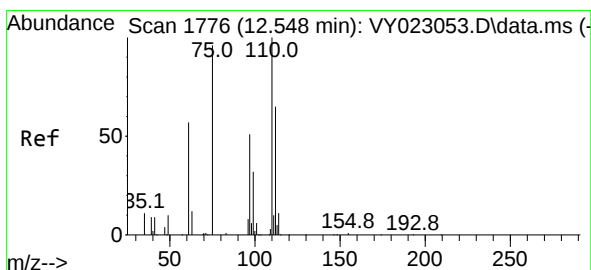
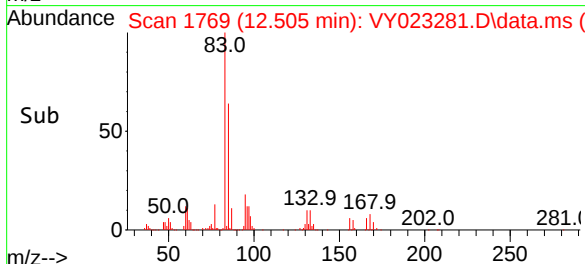
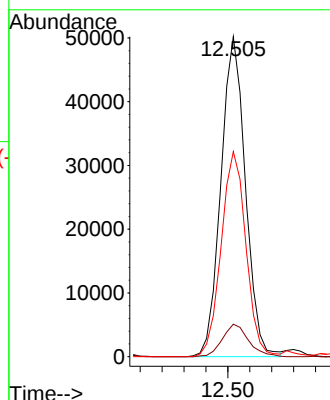
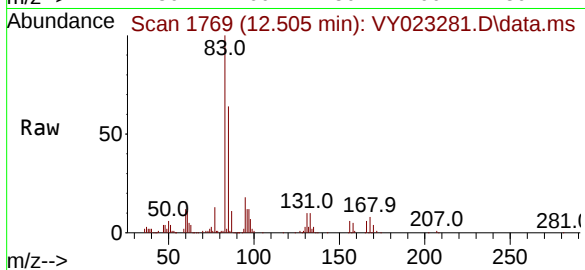
Tgt Ion: 83 Resp: 78055

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 32.468 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023281.D

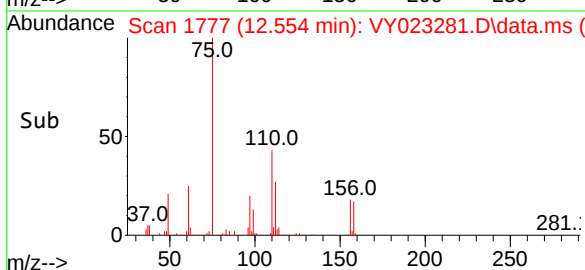
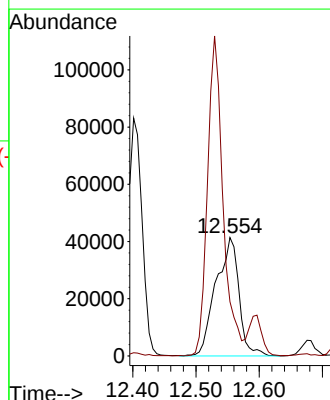
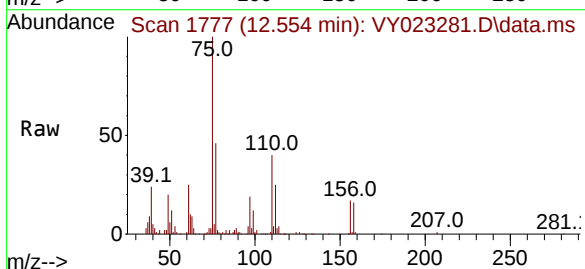
Acq: 04 Sep 2025 10:26

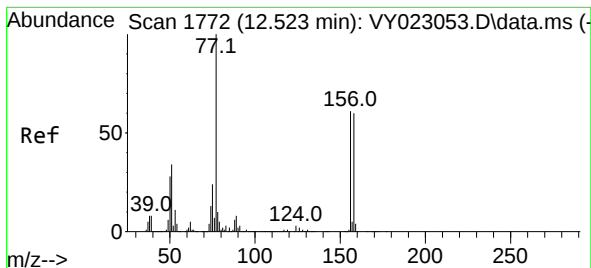
Tgt Ion: 75 Resp: 104813

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.976 ug/l

RT: 12.529 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

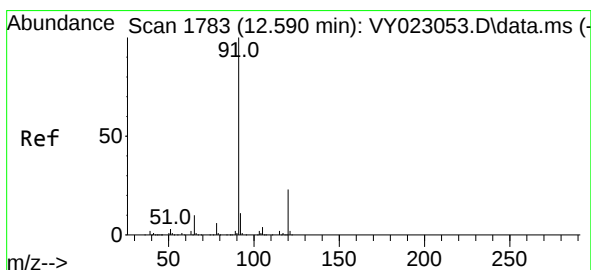
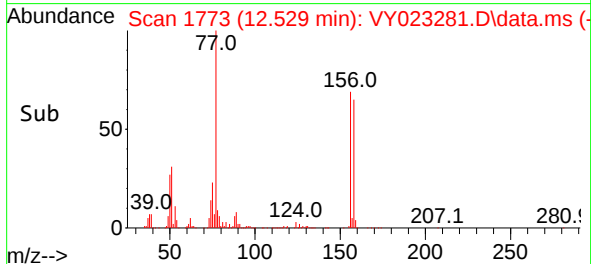
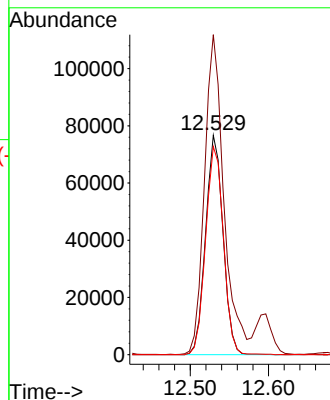
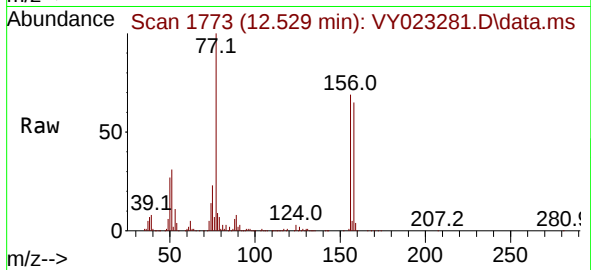
Tgt Ion:156 Resp: 118138

Ion Ratio Lower Upper

156 100

77 161.8 88.1 264.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 19.252 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023281.D

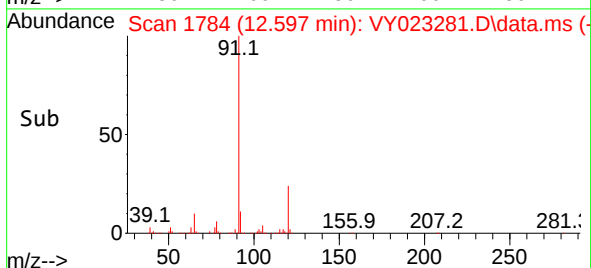
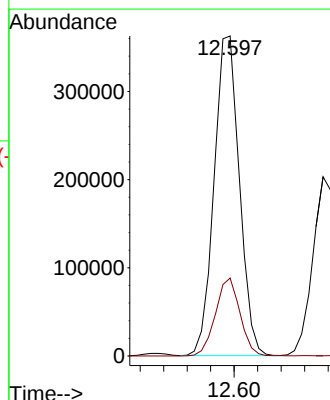
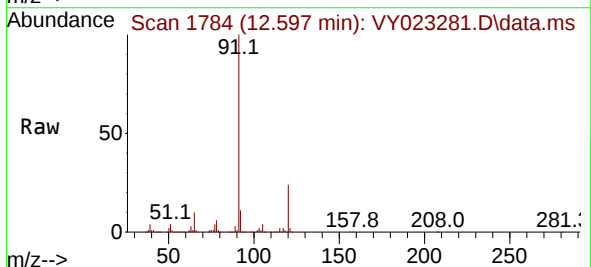
Acq: 04 Sep 2025 10:26

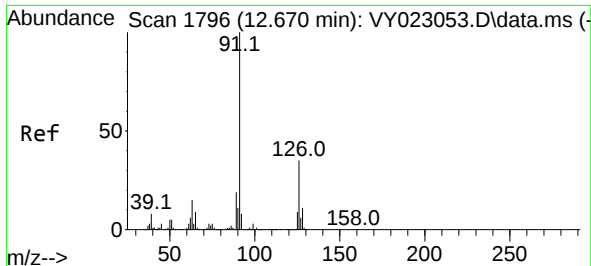
Tgt Ion: 91 Resp: 541124

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.5

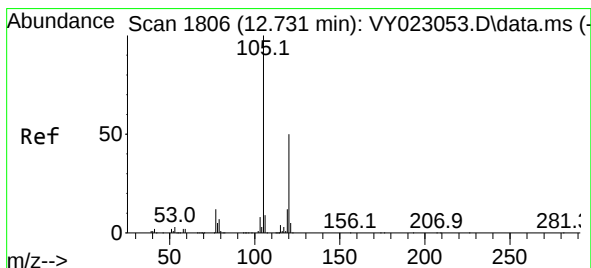
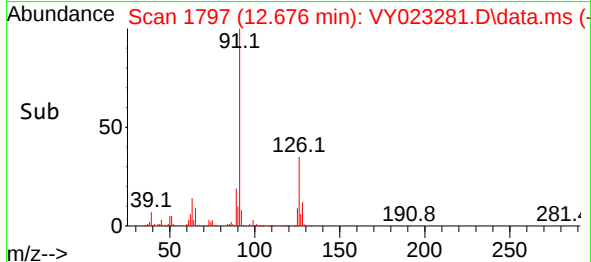
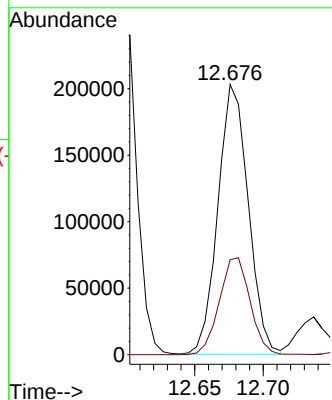
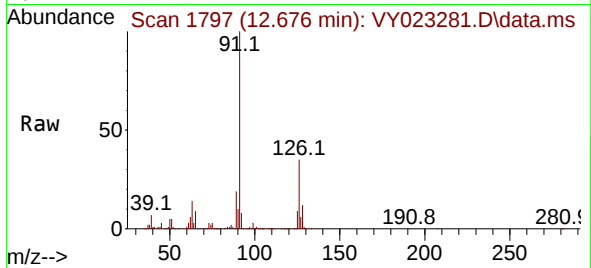




#79  
2-Chlorotoluene  
Concen: 19.416 ug/l  
RT: 12.676 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

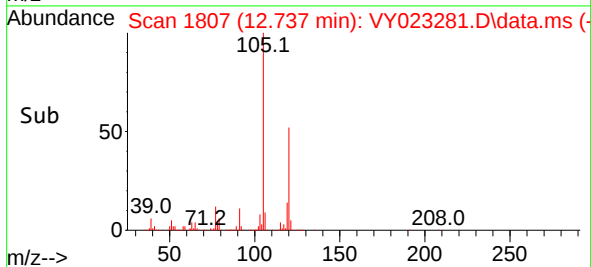
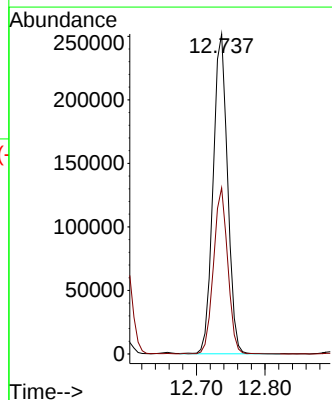
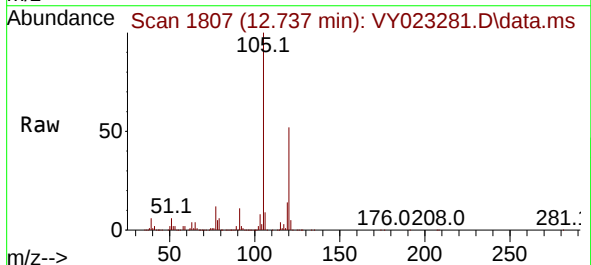
Instrument :  
MSVOA\_Y  
ClientSampleId :

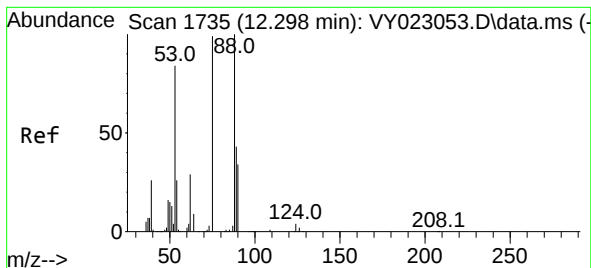
Tgt Ion: 91 Resp: 312678  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 19.309 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 105 Resp: 368407  
Ion Ratio Lower Upper  
105 100  
120 51.1 24.8 74.4

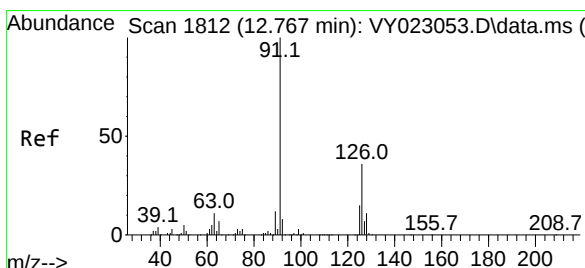
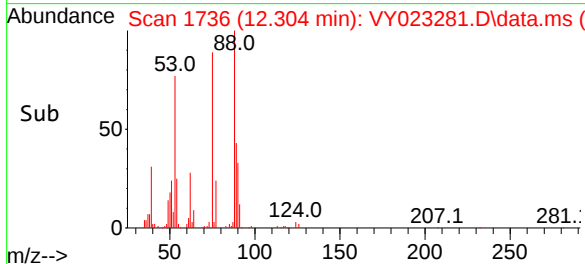
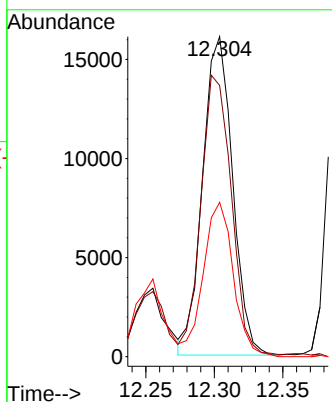
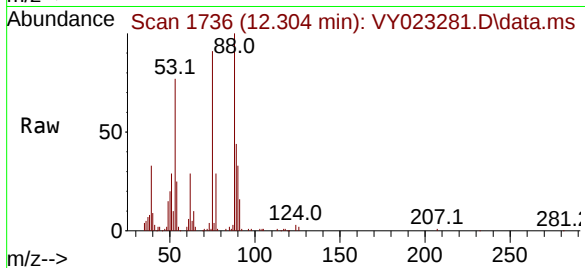




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.344 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

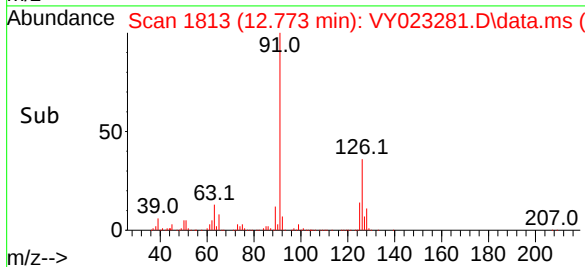
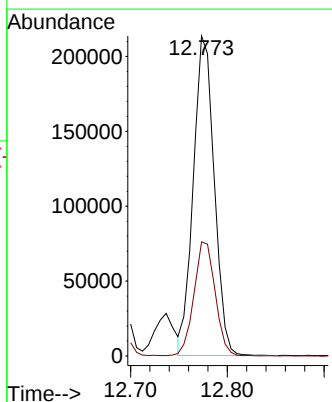
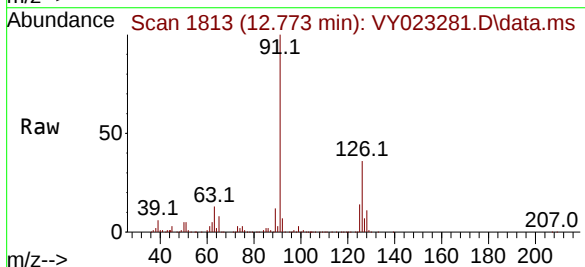
Instrument :  
MSVOA\_Y  
ClientSampleId :

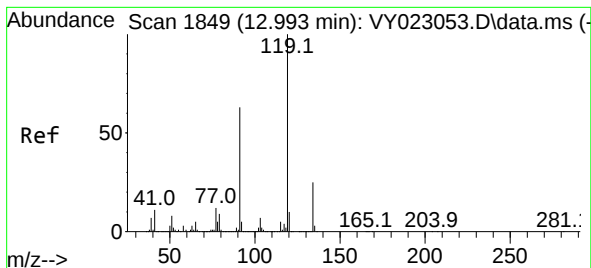
Tgt Ion: 75 Resp: 24464  
Ion Ratio Lower Upper  
75 100  
53 88.6 70.8 106.2  
89 48.7 38.1 57.1



#82  
4-Chlorotoluene  
Concen: 19.198 ug/l  
RT: 12.773 min Scan# 1813  
Delta R.T. 0.006 min  
Lab File: VY023281.D  
Acq: 04 Sep 2025 10:26

Tgt Ion: 91 Resp: 320725  
Ion Ratio Lower Upper  
91 100  
126 36.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.252 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

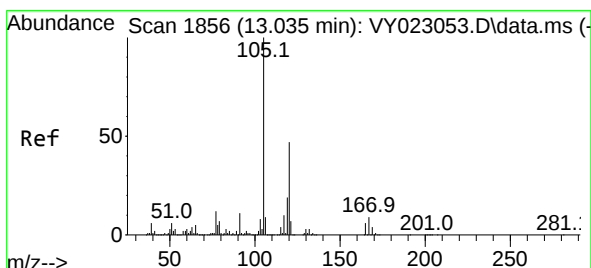
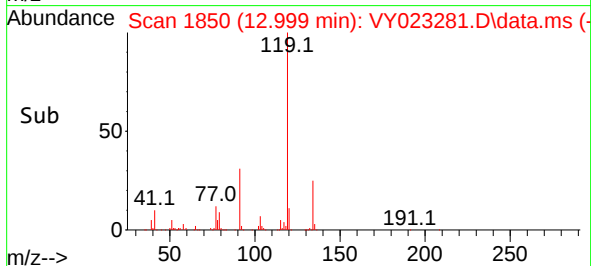
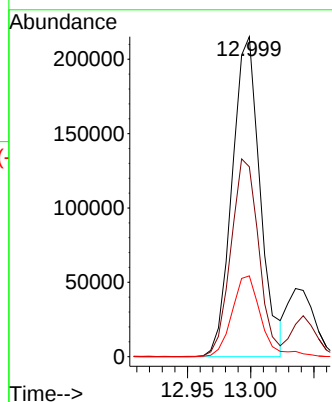
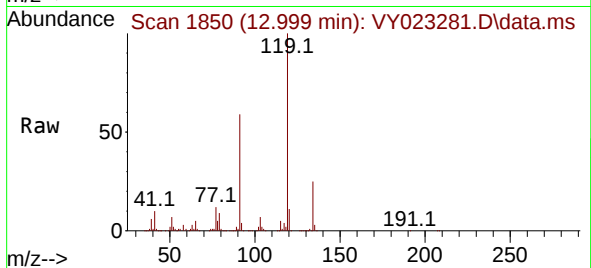
Tgt Ion:119 Resp: 331762

Ion Ratio Lower Upper

119 100

91 61.3 31.6 94.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.631 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023281.D

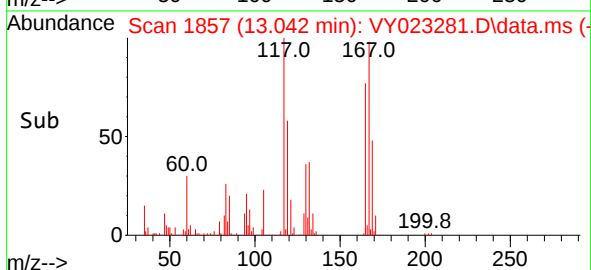
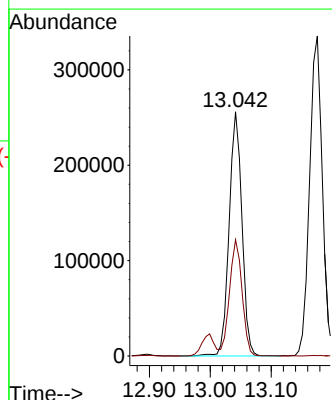
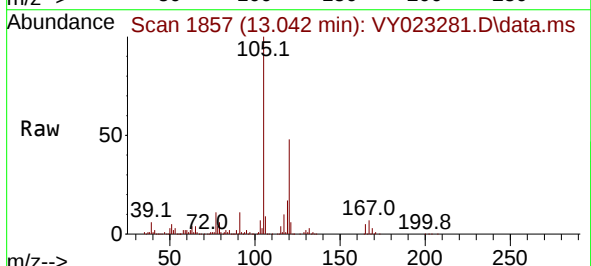
Acq: 04 Sep 2025 10:26

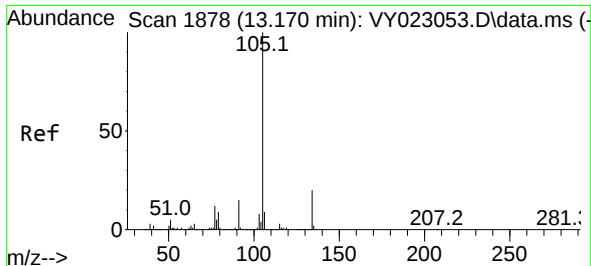
Tgt Ion:105 Resp: 372847

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0

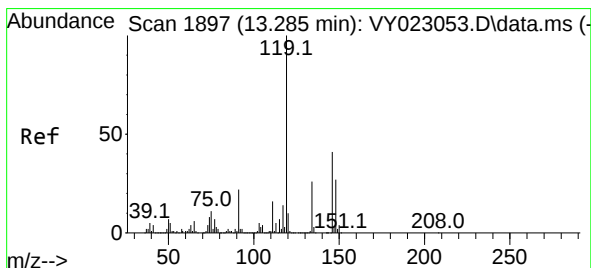
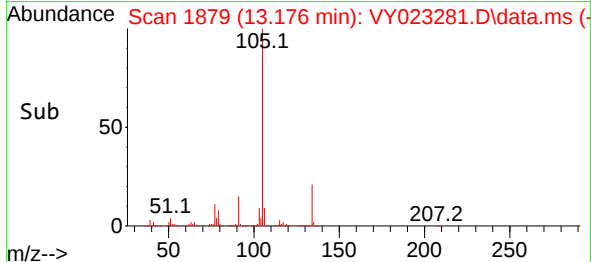
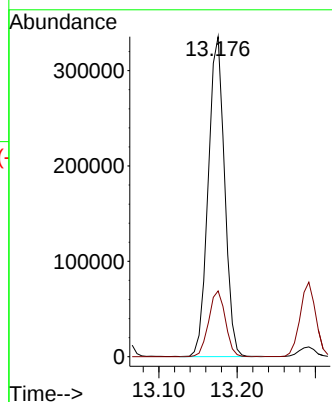
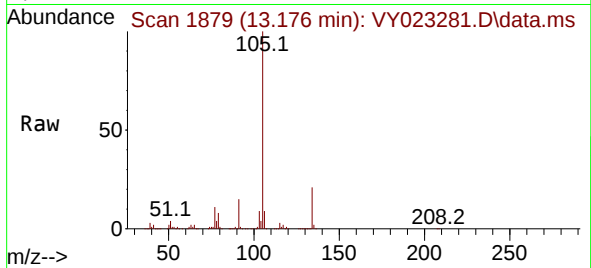




#85  
 sec-Butylbenzene  
 Concen: 19.164 ug/l  
 RT: 13.176 min Scan# 1878  
 Delta R.T. 0.006 min  
 Lab File: VY023281.D  
 Acq: 04 Sep 2025 10:26

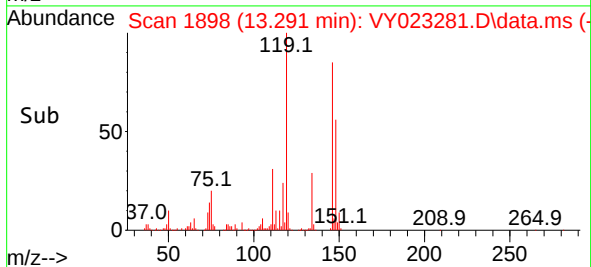
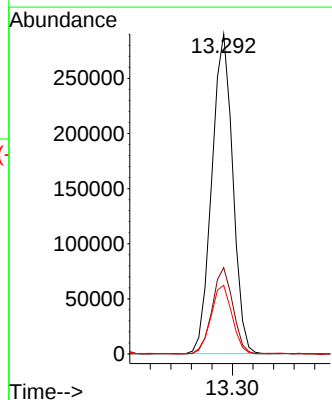
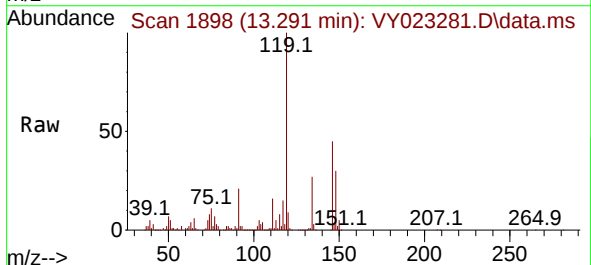
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

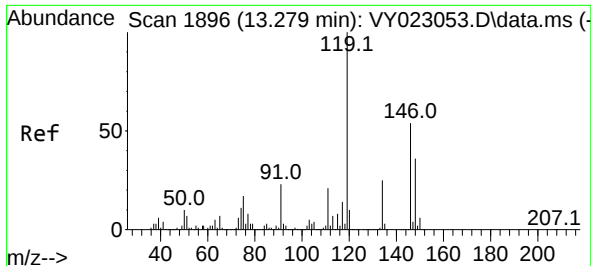
Tgt Ion:105 Resp: 485105  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 19.499 ug/l  
 RT: 13.291 min Scan# 1898  
 Delta R.T. 0.006 min  
 Lab File: VY023281.D  
 Acq: 04 Sep 2025 10:26

Tgt Ion:119 Resp: 409714  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.2 39.6  
 91 21.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.878 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

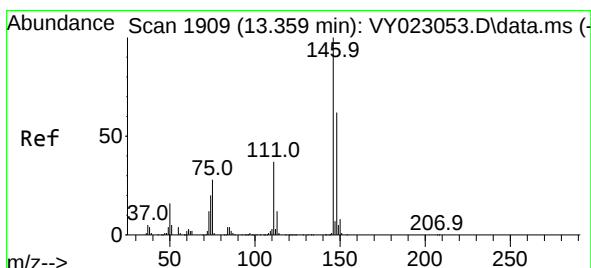
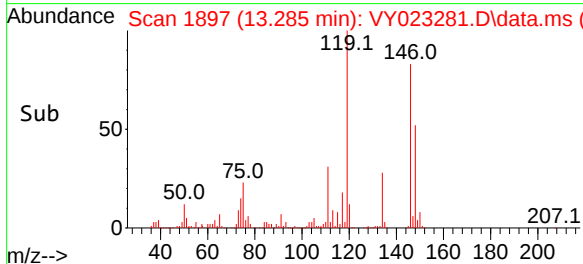
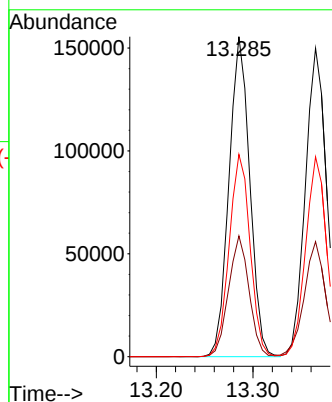
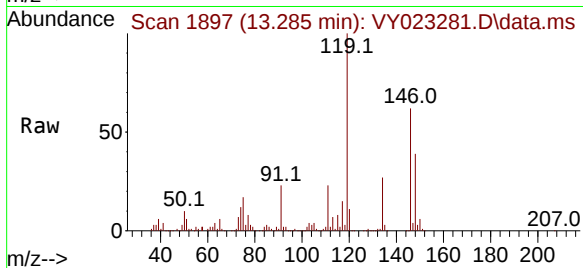
Tgt Ion:146 Resp: 231886

Ion Ratio Lower Upper

146 100

111 37.4 19.6 58.7

148 63.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 20.569 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

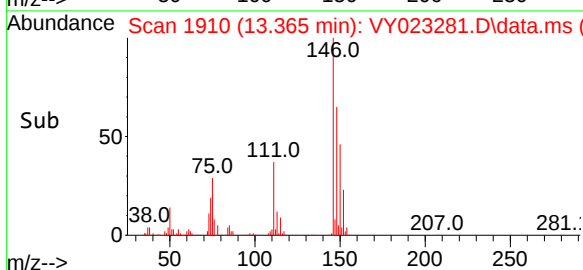
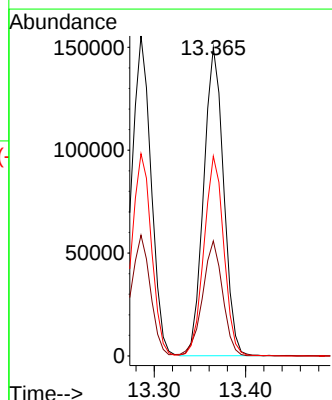
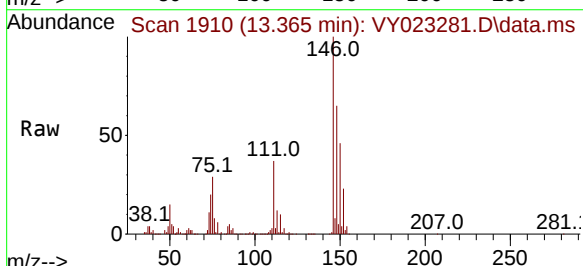
Tgt Ion:146 Resp: 226623

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

148 64.7 31.6 94.7





#89

n-Butylbenzene

Concen: 18.602 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

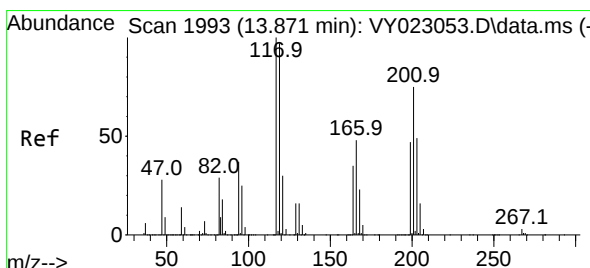
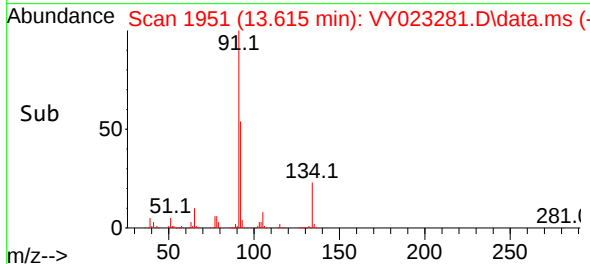
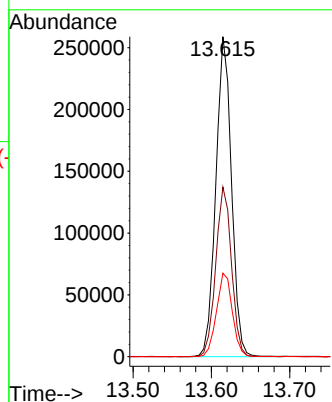
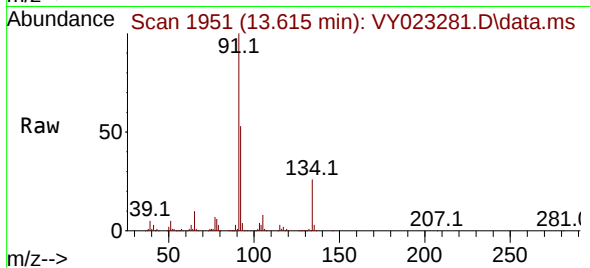
Tgt Ion: 91 Resp: 358984

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 26.6 13.2 39.5



#90

Hexachloroethane

Concen: 20.423 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023281.D

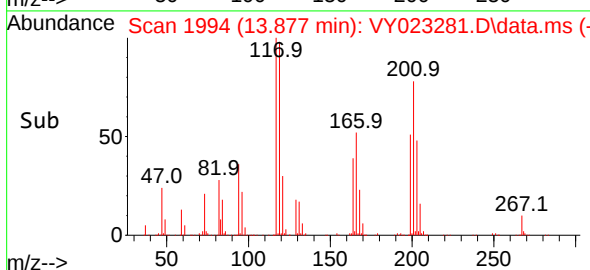
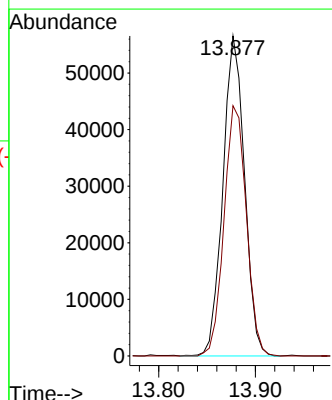
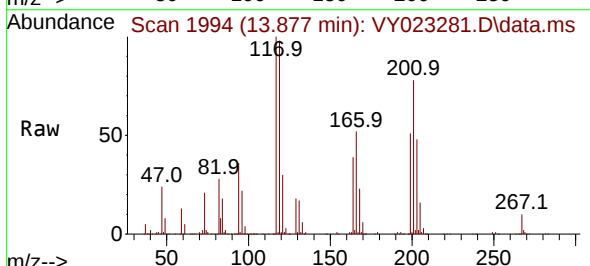
Acq: 04 Sep 2025 10:26

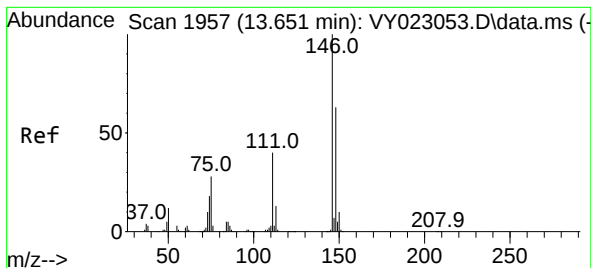
Tgt Ion: 117 Resp: 87847

Ion Ratio Lower Upper

117 100

201 80.6 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 20.904 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

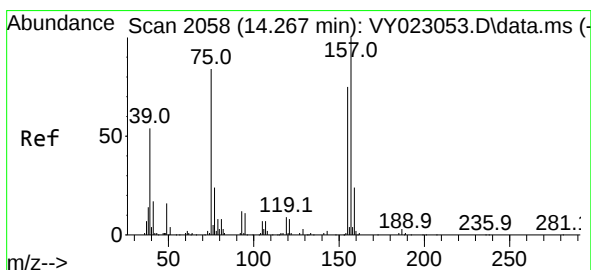
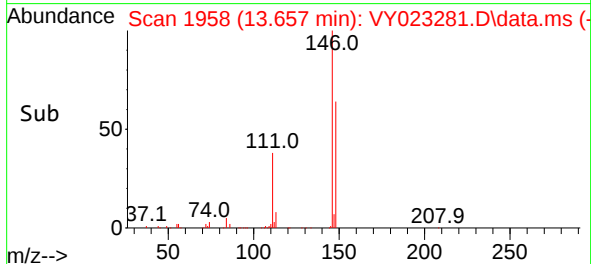
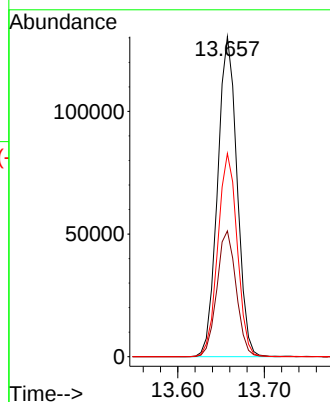
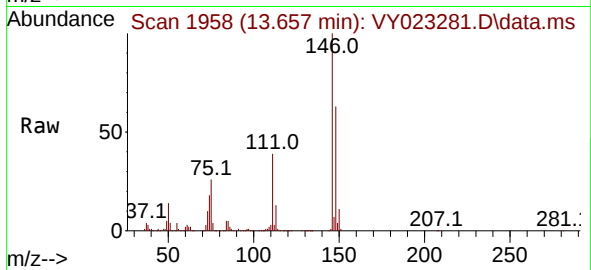
Tgt Ion:146 Resp: 203617

Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.8

148 63.2 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.483 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

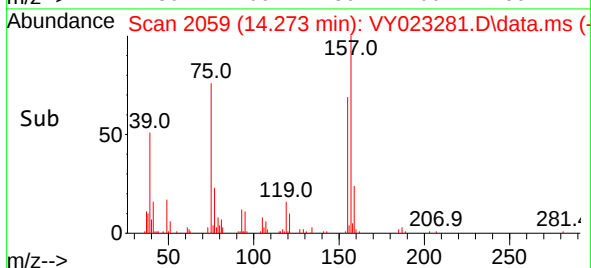
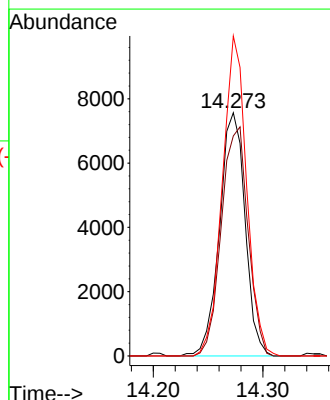
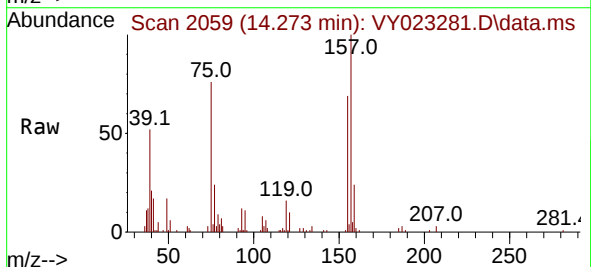
Tgt Ion: 75 Resp: 12228

Ion Ratio Lower Upper

75 100

155 98.4 43.9 131.6

157 124.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.344 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

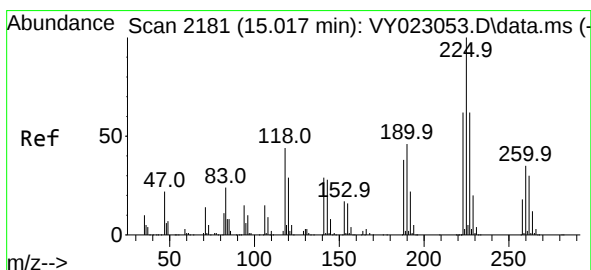
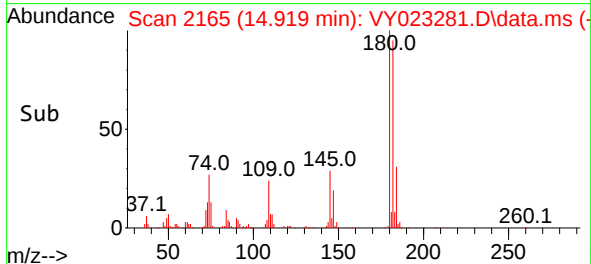
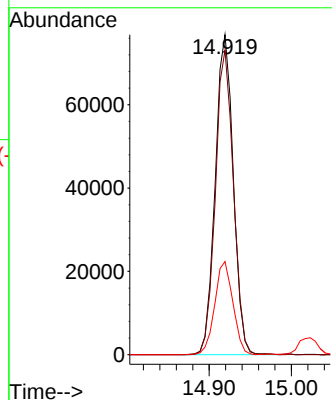
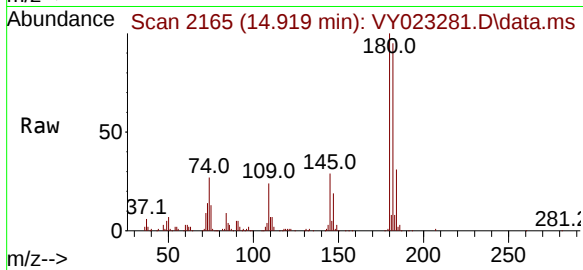
Tgt Ion:180 Resp: 117184

Ion Ratio Lower Upper

180 100

182 95.0 46.8 140.4

145 29.4 14.4 43.4



#94

Hexachlorobutadiene

Concen: 21.440 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

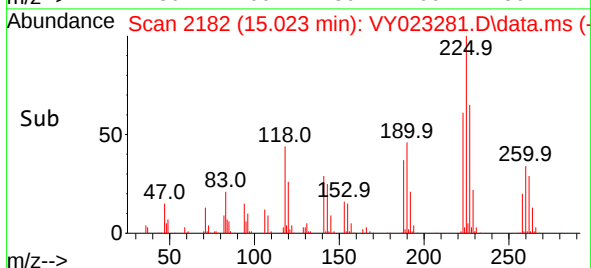
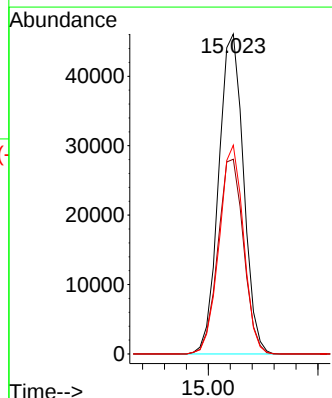
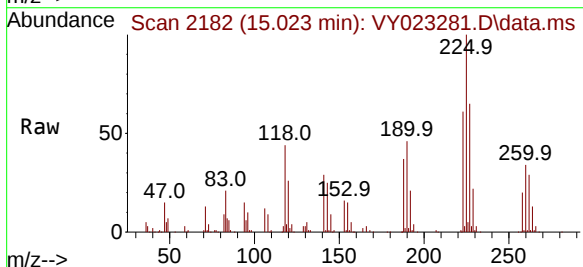
Tgt Ion:225 Resp: 72572

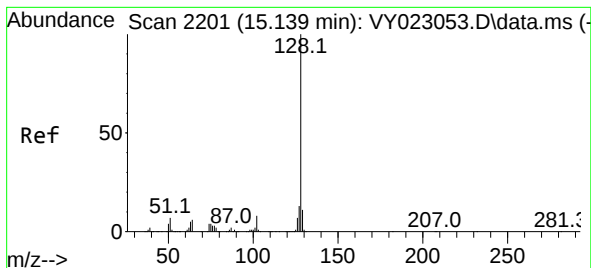
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

227 63.9 31.5 94.5





#95

Naphthalene

Concen: 19.173 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Instrument :

MSVOA\_Y

ClientSampleId :

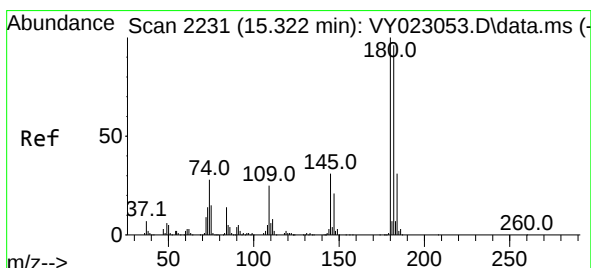
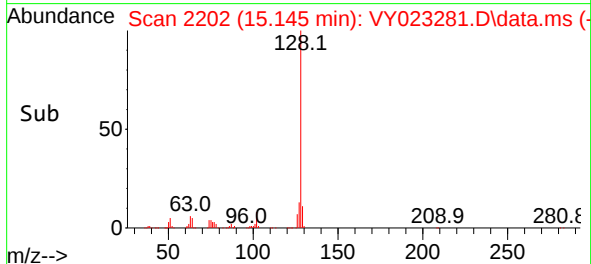
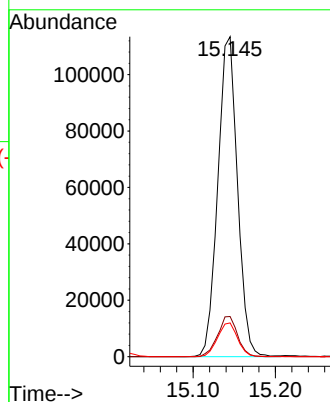
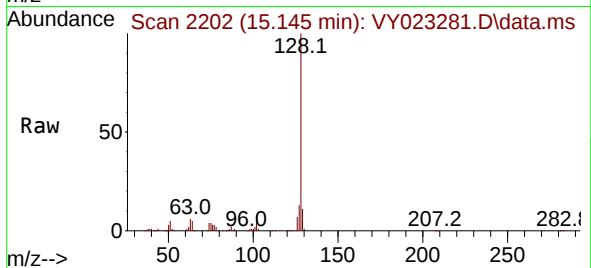
Tgt Ion:128 Resp: 188321

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 21.044 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023281.D

Acq: 04 Sep 2025 10:26

Tgt Ion:180 Resp: 104455

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.7

145 31.4 15.9 47.7

