

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020625\  
 Data File : VY021104.D  
 Acq On : 06 Feb 2025 10:51  
 Operator : SY/MD  
 Sample : VY0206SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 07 02:27:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.719  | 168   | 228295   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.622  | 114   | 354381   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.426 | 117   | 297436   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.359 | 152   | 144911   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.073  | 65    | 118732   | 50.760   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 101.520% |          |
| 35) Dibromofluoromethane     | 7.646  | 113   | 118850   | 52.331   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 104.660% |          |
| 50) Toluene-d8               | 10.115 | 98    | 449193   | 51.952   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 103.900% |          |
| 62) 4-Bromofluorobenzene     | 12.414 | 95    | 149248   | 52.837   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 105.680% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.873  | 85    | 35207    | 17.303   | ug/l       | 94       |
| 3) Chloromethane             | 2.074  | 50    | 37078    | 18.467   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.214  | 62    | 38151    | 18.878   | ug/l       | 98       |
| 5) Bromomethane              | 2.605  | 94    | 25127    | 20.116   | ug/l       | 93       |
| 6) Chloroethane              | 2.745  | 64    | 24270    | 20.174   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.068  | 101   | 71183    | 19.333   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.464  | 74    | 21186    | 18.433   | ug/l       | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.830  | 101   | 43347    | 18.759   | ug/l       | 95       |
| 10) Methyl Iodide            | 4.019  | 142   | 43200    | 16.828   | ug/l       | 94       |
| 11) Tert butyl alcohol       | 4.872  | 59    | 14733    | 92.948   | ug/l #     | 87       |
| 12) 1,1-Dichloroethene       | 3.799  | 96    | 40331    | 18.528   | ug/l       | 91       |
| 13) Acrolein                 | 3.665  | 56    | 22692    | 92.968   | ug/l       | 97       |
| 14) Allyl chloride           | 4.397  | 41    | 67594    | 18.425   | ug/l       | 96       |
| 15) Acrylonitrile            | 5.074  | 53    | 43867    | 91.652   | ug/l       | 99       |
| 16) Acetone                  | 3.885  | 43    | 32986    | 90.429   | ug/l       | 92       |
| 17) Carbon Disulfide         | 4.123  | 76    | 110087   | 16.128   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.397  | 43    | 22927    | 17.905   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 5.135  | 73    | 102557   | 18.641   | ug/l       | 98       |
| 20) Methylene Chloride       | 4.635  | 84    | 41816    | 18.440   | ug/l       | 98       |
| 21) trans-1,2-Dichloroethene | 5.122  | 96    | 43183    | 18.023   | ug/l       | 99       |
| 22) Diisopropyl ether        | 6.031  | 45    | 145466   | 19.237   | ug/l       | 96       |
| 23) Vinyl Acetate            | 5.976  | 43    | 385163   | 91.371   | ug/l       | 100      |
| 24) 1,1-Dichloroethane       | 5.927  | 63    | 83045    | 18.745   | ug/l       | 97       |
| 25) 2-Butanone               | 6.909  | 43    | 54780    | 91.388   | ug/l       | 99       |
| 26) 2,2-Dichloropropane      | 6.896  | 77    | 76702    | 18.711   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 6.903  | 96    | 51831    | 18.793   | ug/l       | 94       |
| 28) Bromochloromethane       | 7.256  | 49    | 35766    | 20.416   | ug/l       | 98       |
| 29) Tetrahydrofuran          | 7.274  | 42    | 36521    | 90.041   | ug/l       | 96       |
| 30) Chloroform               | 7.433  | 83    | 85569    | 18.804   | ug/l       | 99       |
| 31) Cyclohexane              | 7.713  | 56    | 70755    | 17.735   | ug/l #     | 92       |
| 32) 1,1,1-Trichloroethane    | 7.628  | 97    | 79668    | 18.830   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 7.847  | 75    | 62105    | 18.462   | ug/l       | 99       |
| 37) Ethyl Acetate            | 6.994  | 43    | 27067    | 18.342   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 7.829  | 117   | 72408    | 18.422   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.116  | 83    | 74498    | 18.105   | ug/l       | 96       |
| 40) Benzene                  | 8.091  | 78    | 183038   | 18.541   | ug/l       | 98       |

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 Sample : VY0206SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 07 02:27:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 15404    | 18.043  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.171  | 62   | 49998    | 18.258  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.207  | 43   | 52515    | 17.909  | ug/l   | 98       |
| 44) Trichloroethene           | 8.872  | 130  | 47778    | 18.733  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.152  | 63   | 43920    | 18.744  | ug/l   | 97       |
| 46) Dibromomethane            | 9.237  | 93   | 23555    | 18.157  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.433  | 83   | 65285    | 18.764  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.231  | 41   | 24341    | 18.224  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.244  | 88   | 4617     | 382.294 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.006 | 43   | 129795   | 88.023  | ug/l   | 99       |
| 52) Toluene                   | 10.176 | 92   | 117791   | 19.003  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.402 | 75   | 57910    | 18.536  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 9.865  | 75   | 68900    | 18.626  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.579 | 97   | 30695    | 18.271  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.445 | 69   | 41989    | 18.683  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.725 | 76   | 53560    | 18.419  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.719  | 63   | 96792    | 90.528  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.768 | 43   | 84757    | 89.274  | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.920 | 129  | 43368    | 18.382  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.024 | 107  | 28873    | 18.349  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.658 | 164  | 42130    | 19.081  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.451 | 112  | 125116   | 18.891  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131  | 44839    | 19.051  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.530 | 91   | 224679   | 19.180  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.639 | 106  | 169115   | 38.591  | ug/l   | 98       |
| 69) o-Xylene                  | 11.963 | 106  | 79442    | 19.444  | ug/l   | 98       |
| 70) Styrene                   | 11.981 | 104  | 132698   | 19.487  | ug/l   | 98       |
| 71) Bromoform                 | 12.139 | 173  | 24694    | 18.849  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.261 | 105  | 213827   | 18.890  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.078 | 43   | 44332    | 17.913  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.517 | 83   | 34711    | 18.438  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.566 | 75   | 44959    | 34.202  | ug/l # | 100      |
| 77) Bromobenzene              | 12.542 | 156  | 48442    | 18.545  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.603 | 91   | 257110   | 19.067  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.688 | 91   | 148048   | 19.170  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.749 | 105  | 175912   | 19.168  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 11434    | 17.749  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.786 | 91   | 149561   | 19.007  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 156433   | 18.753  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.054 | 105  | 172065   | 19.175  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.188 | 105  | 231786   | 19.303  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.304 | 119  | 191033   | 19.151  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.298 | 146  | 94692    | 18.774  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.377 | 146  | 94865    | 19.102  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.627 | 91   | 173154   | 19.028  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.889 | 117  | 39420    | 18.944  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.670 | 146  | 82314    | 18.803  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.285 | 75   | 4974     | 17.681  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 14.932 | 180  | 45400    | 18.631  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.035 | 225  | 31175    | 19.306  | ug/l   | 98       |
| 95) Naphthalene               | 15.157 | 128  | 75331    | 19.323  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.340 | 180  | 37529    | 18.507  | ug/l   | 96       |

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Operator : SY/MD  
Sample : VY0206SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

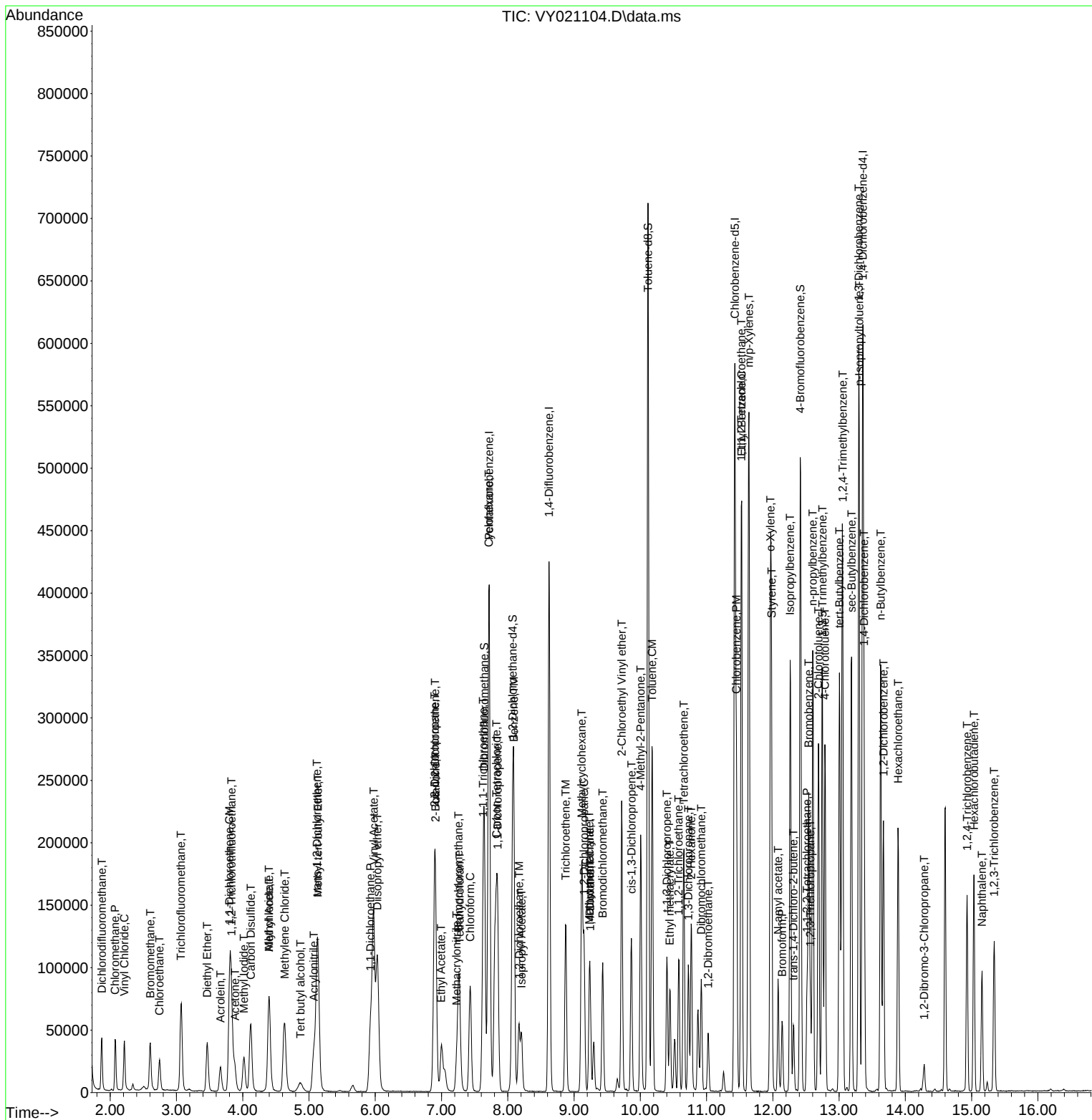
Instrument :  
MSVOA\_Y  
ClientSampleId :

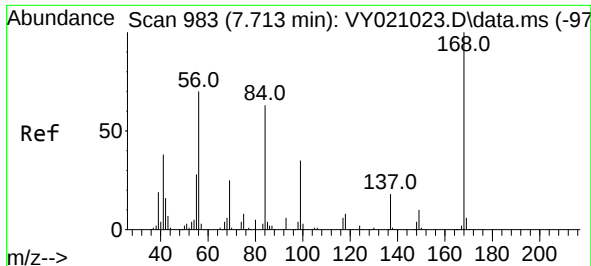
Quant Time: Feb 07 02:27:17 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 03 13:08:38 2025  
Response via : Initial Calibration

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

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

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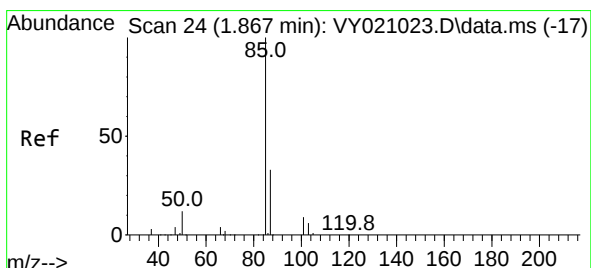
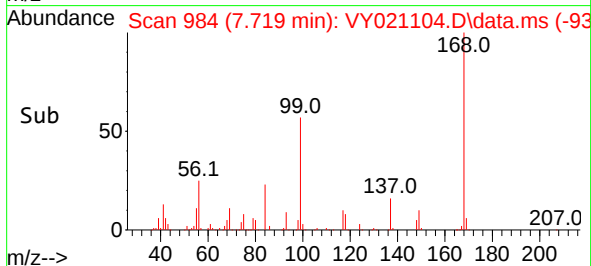
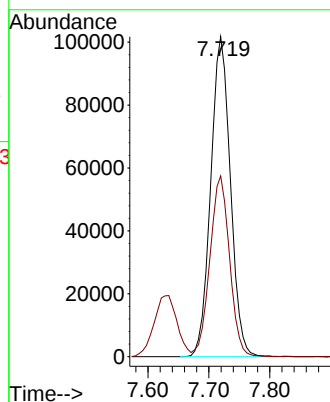
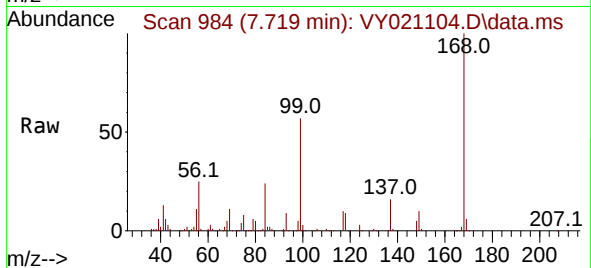




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

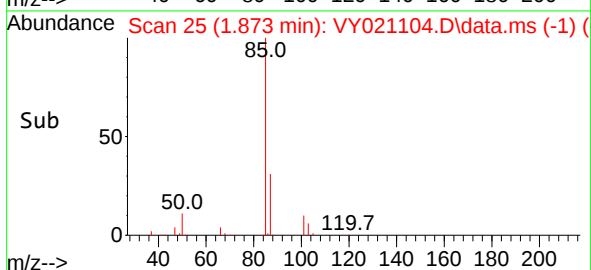
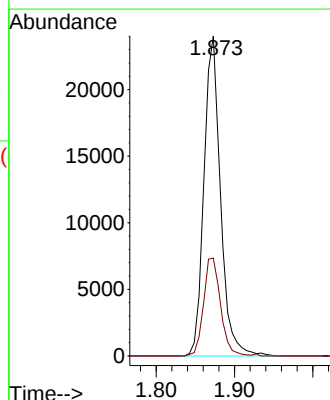
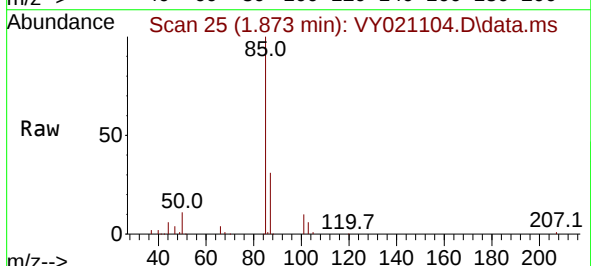
Instrument :  
MSVOA\_Y  
ClientSampleId :

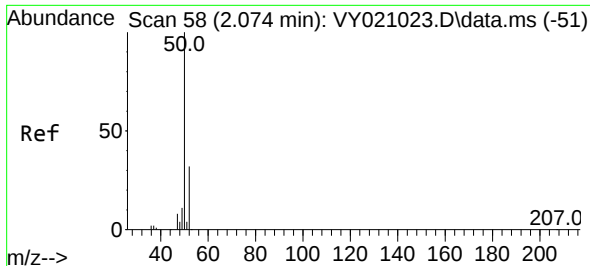
Tgt Ion:168 Resp: 228295  
Ion Ratio Lower Upper  
168 100  
99 56.4 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 17.303 ug/l  
RT: 1.873 min Scan# 25  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 85 Resp: 35207  
Ion Ratio Lower Upper  
85 100  
87 30.6 17.1 51.3

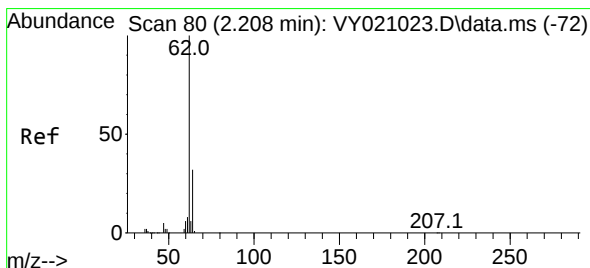
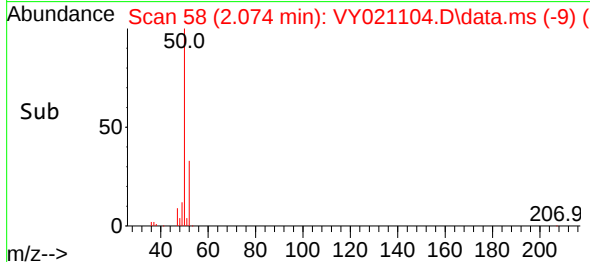
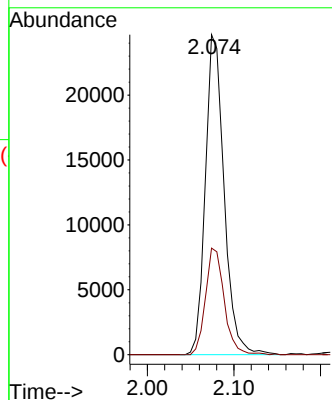
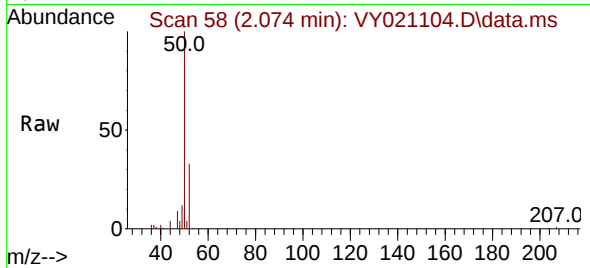




#3  
Chloromethane  
Concen: 18.467 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

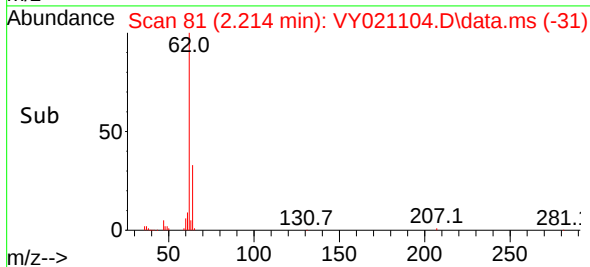
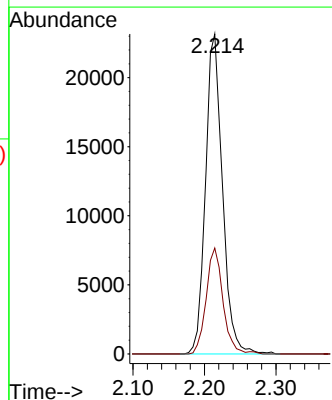
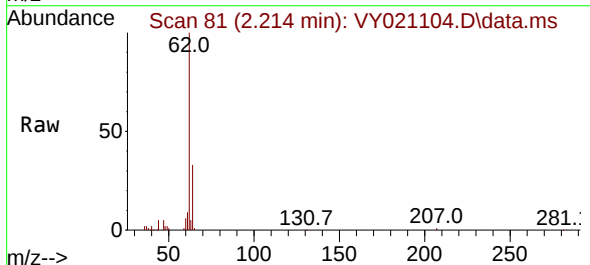
Instrument :  
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ClientSampleId :

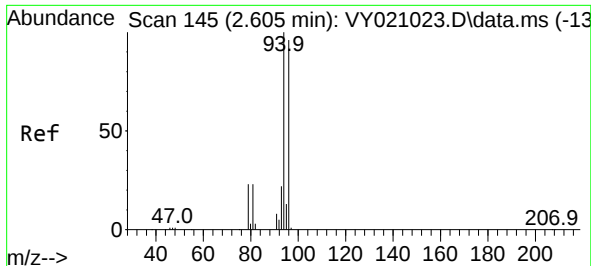
Tgt Ion: 50 Resp: 37078  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.7 40.1



#4  
Vinyl Chloride  
Concen: 18.878 ug/l  
RT: 2.214 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 62 Resp: 38151  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.7 38.5

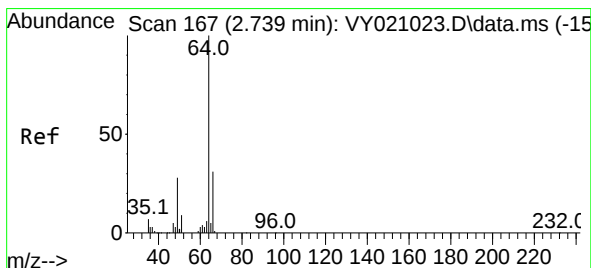
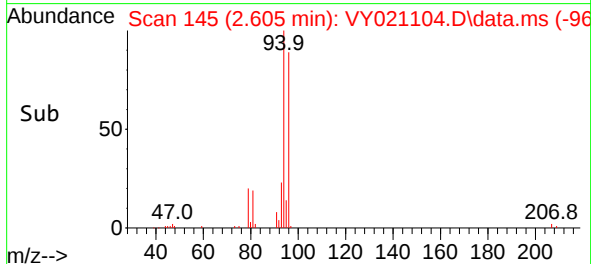
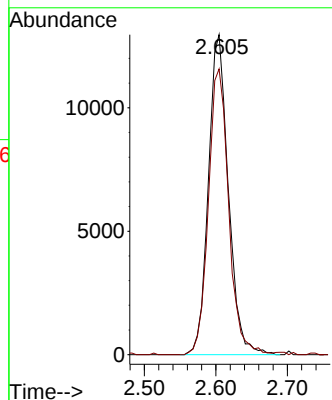
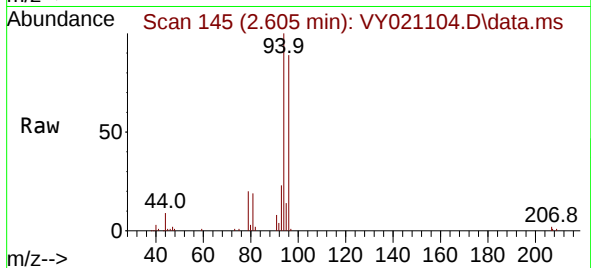




#5  
Bromomethane  
Concen: 20.116 ug/l  
RT: 2.605 min Scan# 145  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

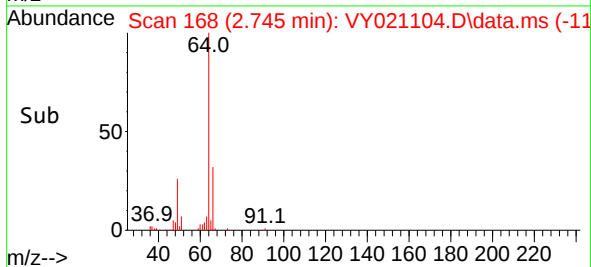
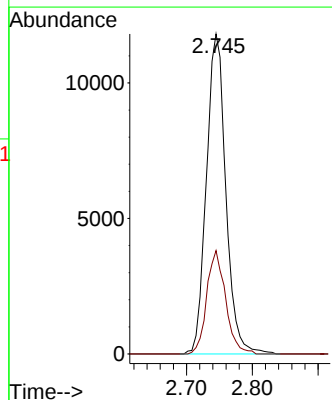
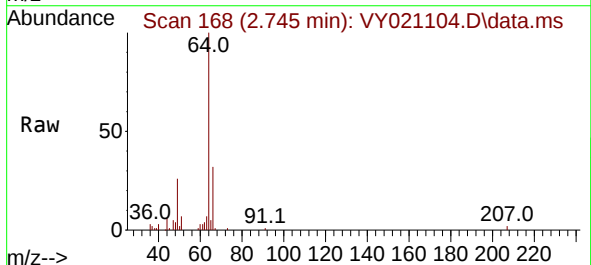
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 94 Resp: 25127  
Ion Ratio Lower Upper  
94 100  
96 89.3 77.3 115.9



#6  
Chloroethane  
Concen: 20.174 ug/l  
RT: 2.745 min Scan# 168  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 64 Resp: 24270  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.1 37.7

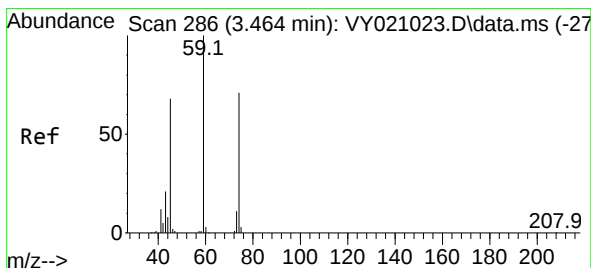
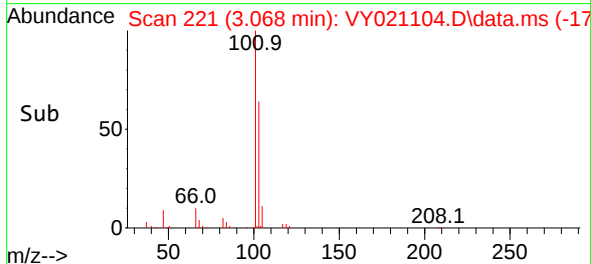
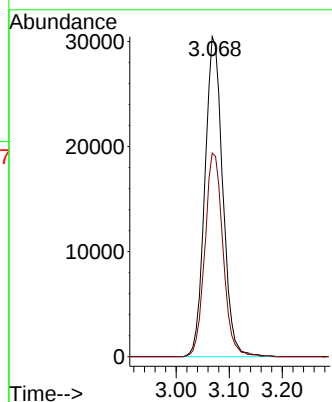
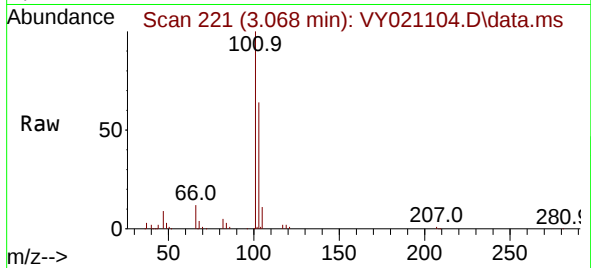




#7  
 Trichlorofluoromethane  
 Concen: 19.333 ug/l  
 RT: 3.068 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

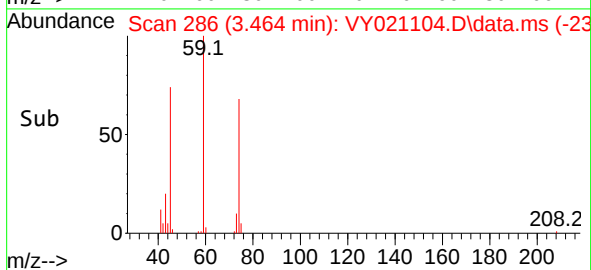
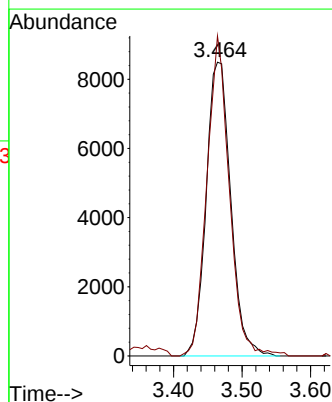
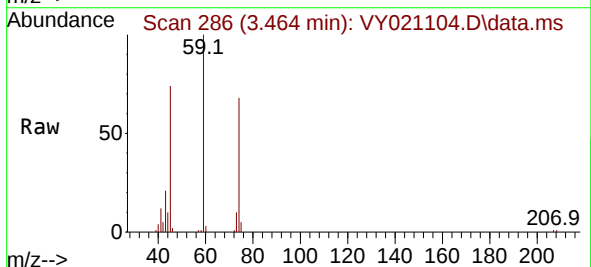
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

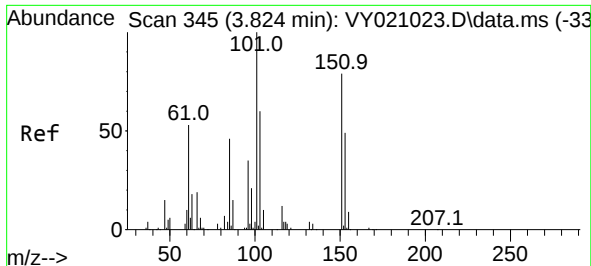
Tgt Ion:101 Resp: 71183  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 51.9 77.9



#8  
 Diethyl Ether  
 Concen: 18.433 ug/l  
 RT: 3.464 min Scan# 286  
 Delta R.T. -0.000 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

Tgt Ion: 74 Resp: 21186  
 Ion Ratio Lower Upper  
 74 100  
 45 99.4 47.9 143.7

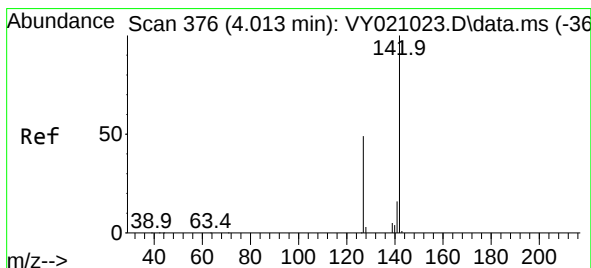
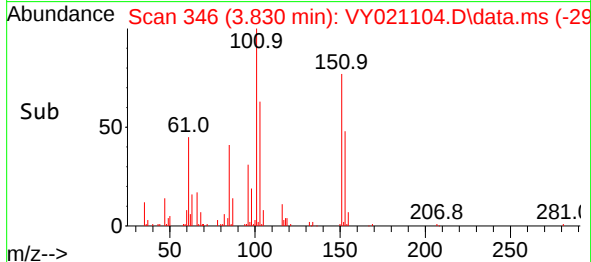
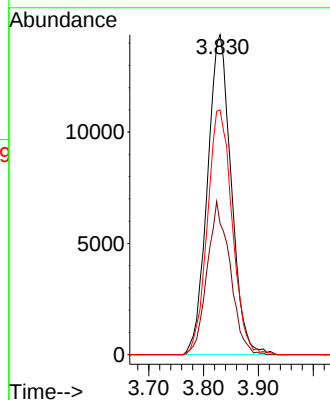
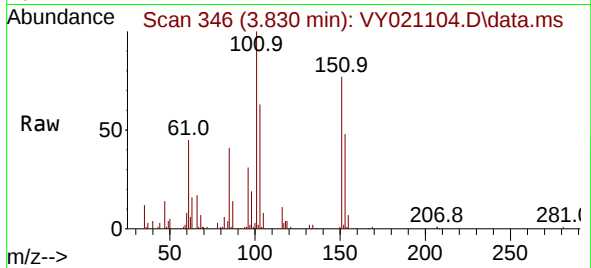




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.759 ug/l  
RT: 3.830 min Scan# 345  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

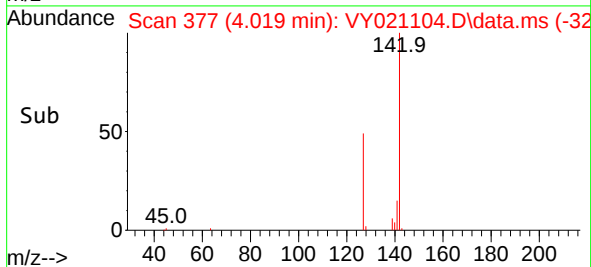
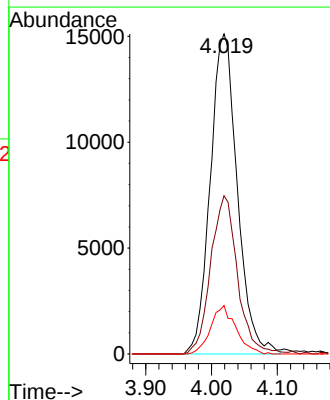
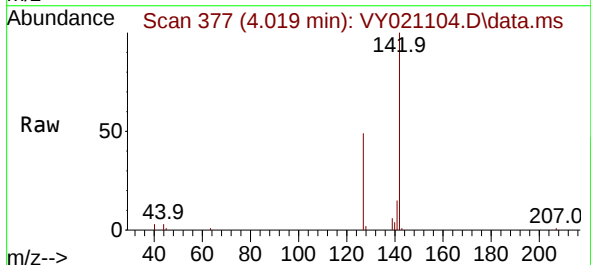
Instrument :  
MSVOA\_Y  
ClientSampleId :

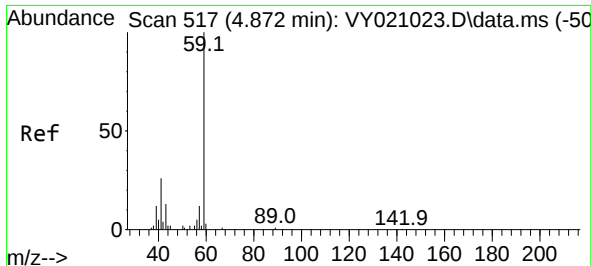
Tgt Ion:101 Resp: 43347  
Ion Ratio Lower Upper  
101 100  
85 46.1 35.8 53.6  
151 79.7 58.6 88.0



#10  
Methyl Iodide  
Concen: 16.828 ug/l  
RT: 4.019 min Scan# 377  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion:142 Resp: 43200  
Ion Ratio Lower Upper  
142 100  
127 49.1 35.1 52.7  
141 14.2 11.8 17.6

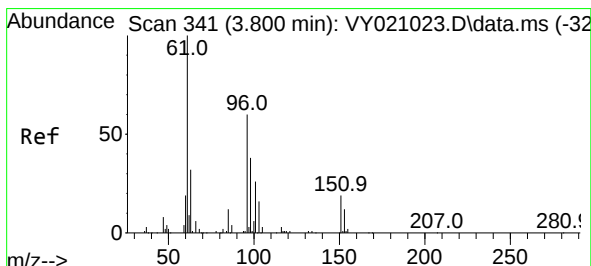
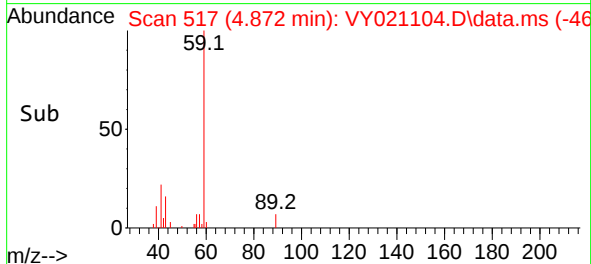
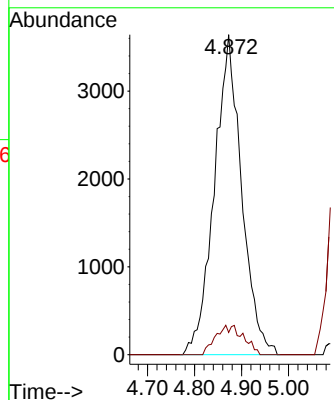
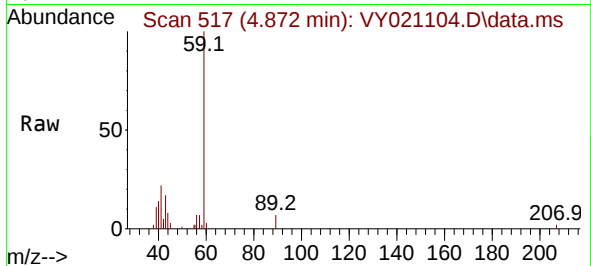




#11  
Tert butyl alcohol  
Concen: 92.948 ug/l  
RT: 4.872 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

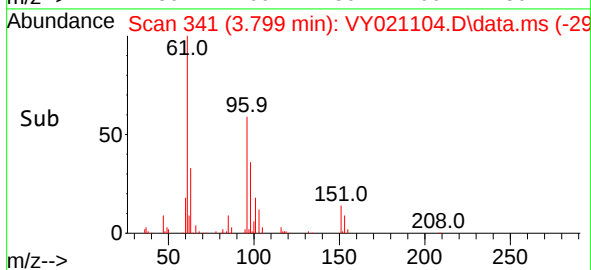
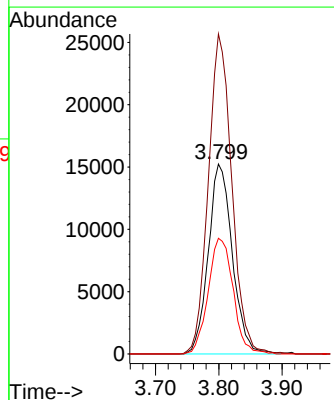
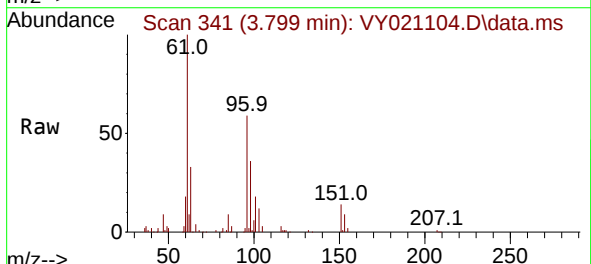
Instrument :  
MSVOA\_Y  
ClientSampleId :

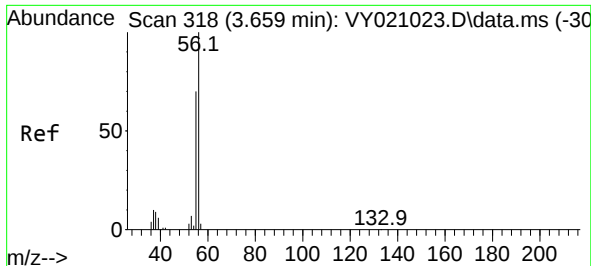
Tgt Ion: 59 Resp: 14733  
Ion Ratio Lower Upper  
59 100  
57 4.6 7.4 11.0#



#12  
1,1-Dichloroethene  
Concen: 18.528 ug/l  
RT: 3.799 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 96 Resp: 40331  
Ion Ratio Lower Upper  
96 100  
61 168.4 124.2 186.2  
98 60.9 52.6 79.0





#13

Acrolein

Concen: 92.968 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

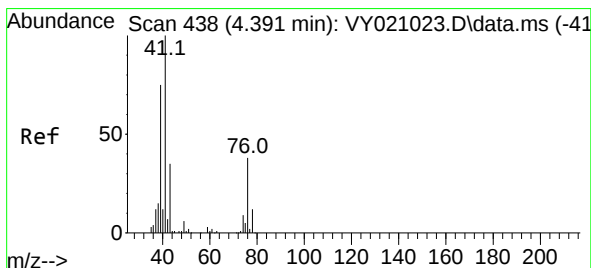
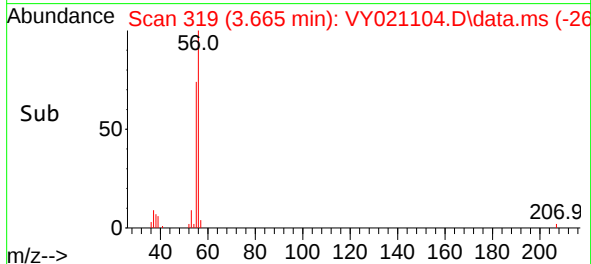
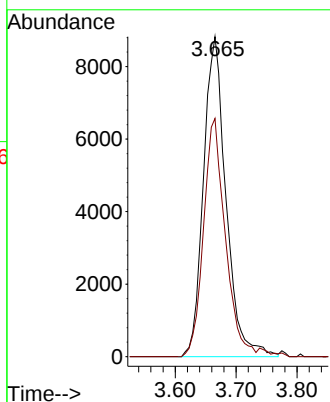
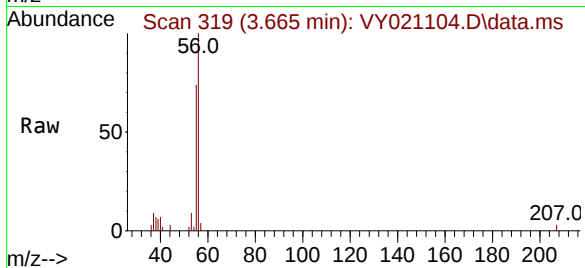
ClientSampleId :

Tgt Ion: 56 Resp: 22692

Ion Ratio Lower Upper

56 100

55 71.6 55.4 83.0



#14

Allyl chloride

Concen: 18.425 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

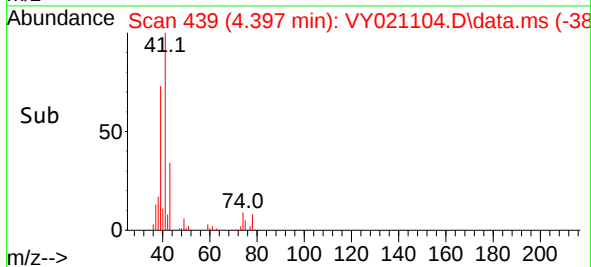
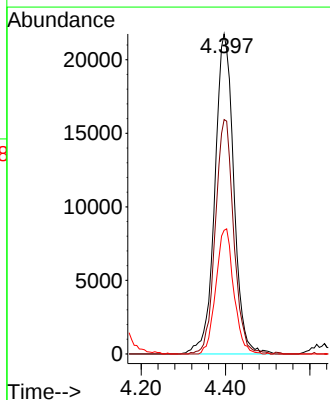
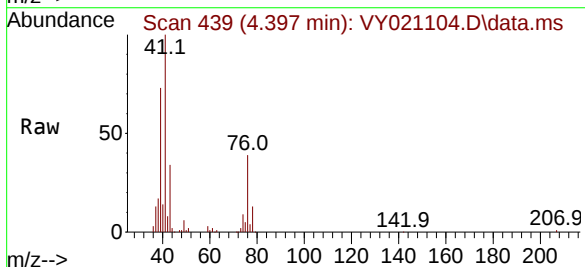
Tgt Ion: 41 Resp: 67594

Ion Ratio Lower Upper

41 100

39 71.1 54.7 82.1

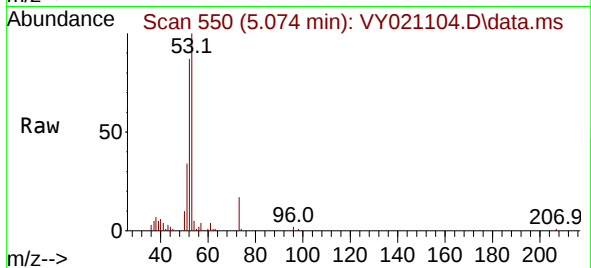
76 36.9 31.8 47.6



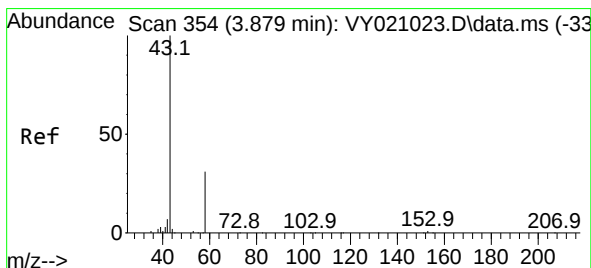
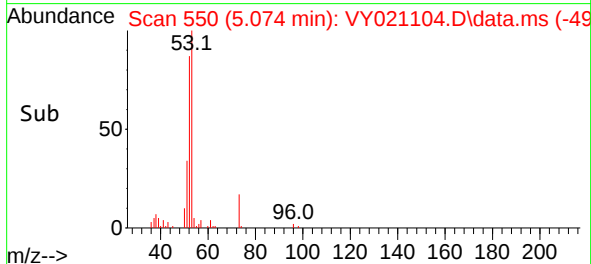
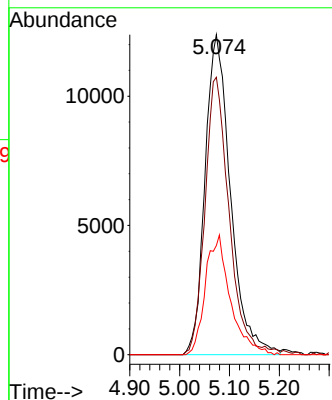


#15  
Acrylonitrile  
Concen: 91.652 ug/l  
RT: 5.074 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Instrument :  
MSVOA\_Y  
ClientSampleId :

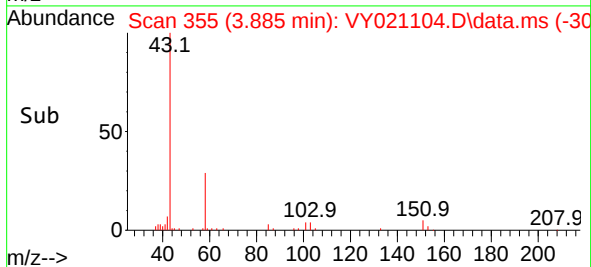
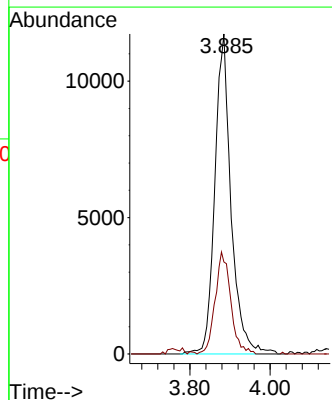
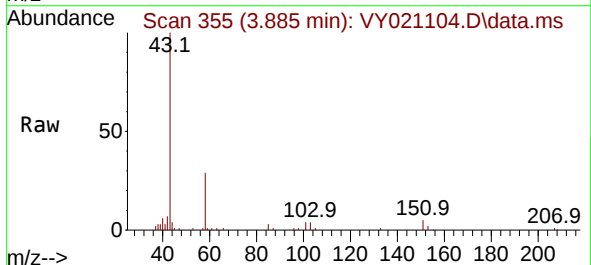


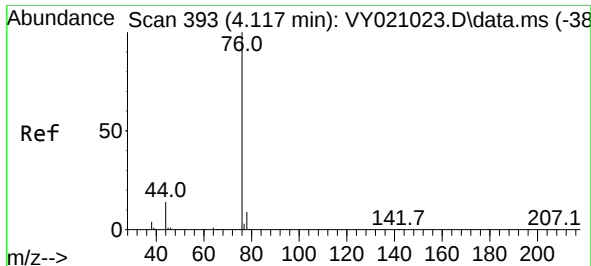
Tgt Ion: 53 Resp: 43867  
Ion Ratio Lower Upper  
53 100  
52 82.8 65.1 97.7  
51 36.7 29.0 43.4



#16  
Acetone  
Concen: 90.429 ug/l  
RT: 3.885 min Scan# 355  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 43 Resp: 32986  
Ion Ratio Lower Upper  
43 100  
58 28.8 26.6 39.8

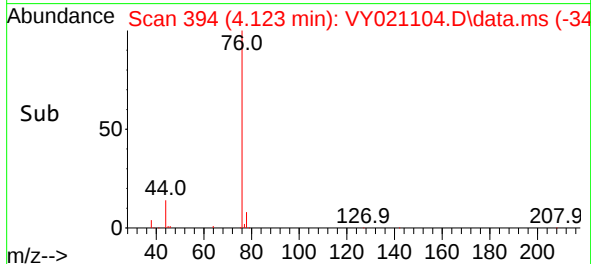
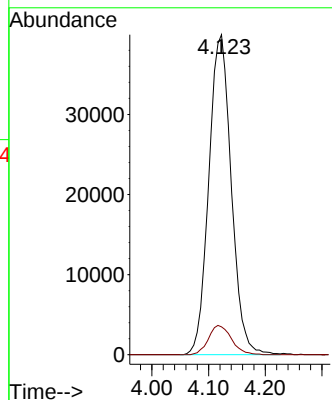
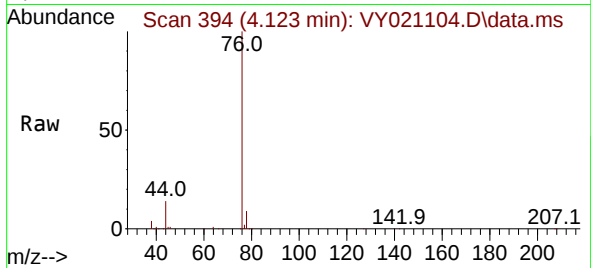




#17  
Carbon Disulfide  
Concen: 16.128 ug/l  
RT: 4.123 min Scan# 394  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

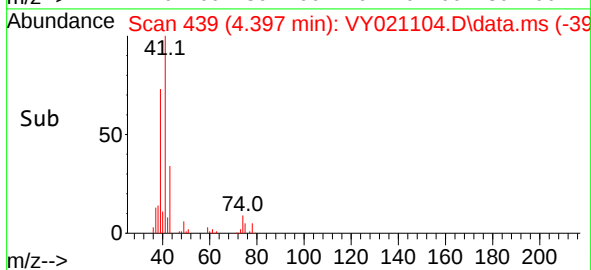
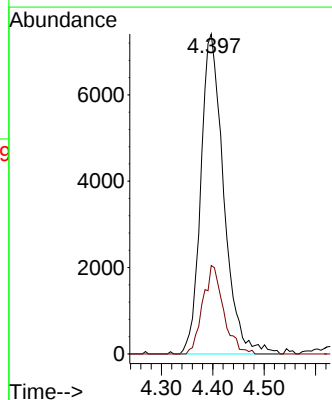
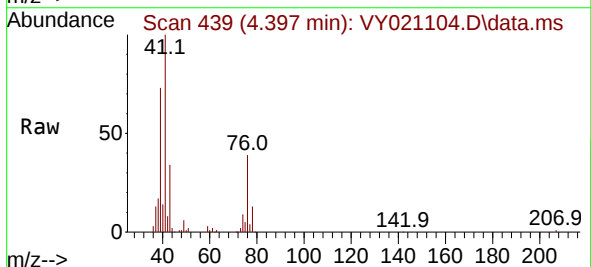
Instrument :  
MSVOA\_Y  
ClientSampleId :

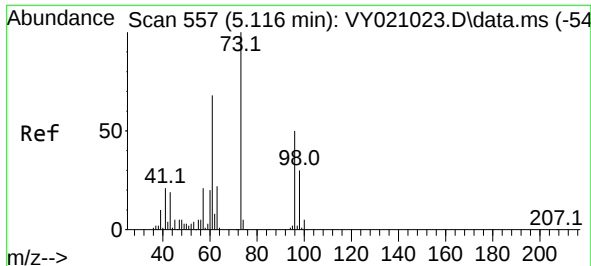
Tgt Ion: 76 Resp: 110087  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 17.905 ug/l  
RT: 4.397 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 43 Resp: 22927  
Ion Ratio Lower Upper  
43 100  
74 25.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 18.641 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

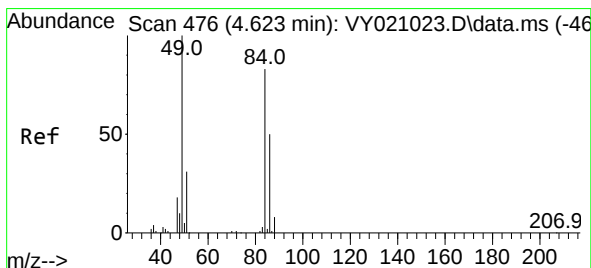
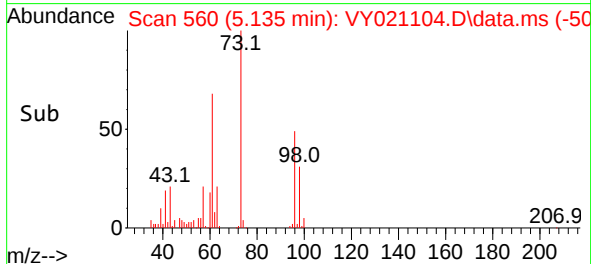
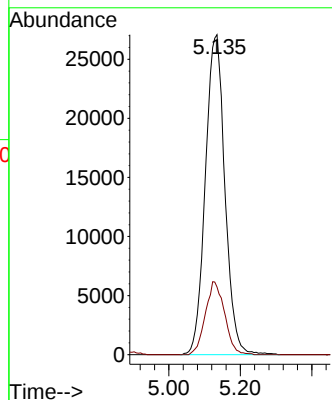
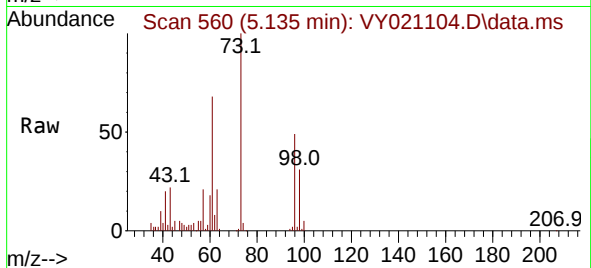
ClientSampleId :

Tgt Ion: 73 Resp: 102557

Ion Ratio Lower Upper

73 100

57 21.2 17.7 26.5



#20

Methylene Chloride

Concen: 18.440 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion: 84 Resp: 41816

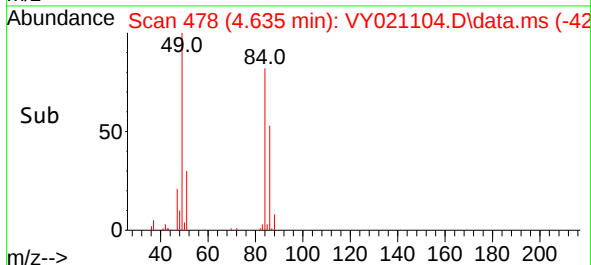
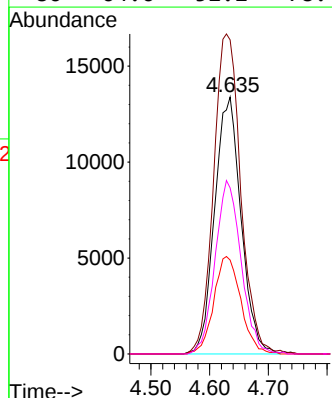
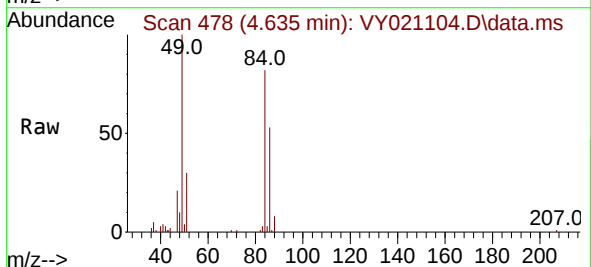
Ion Ratio Lower Upper

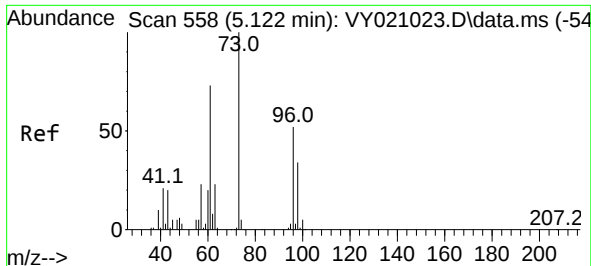
84 100

49 122.2 95.2 142.8

51 36.5 29.9 44.9

86 64.6 52.2 78.4

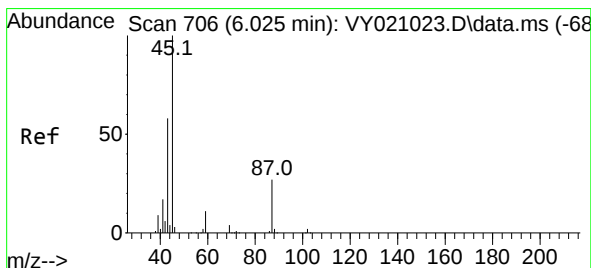
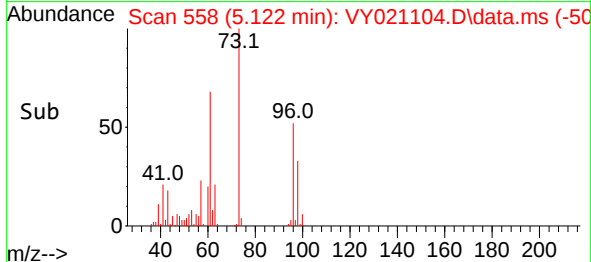
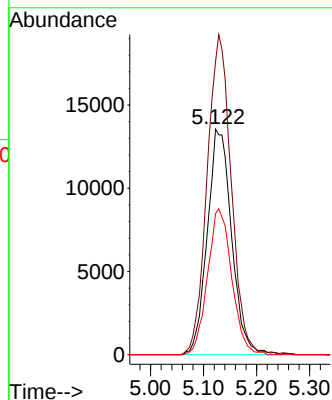
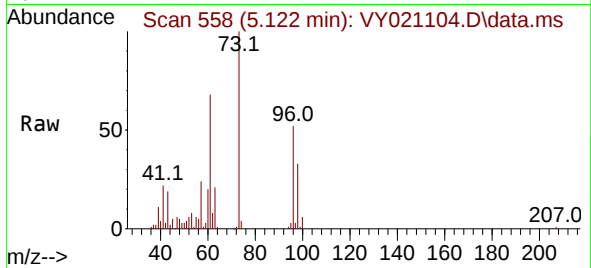




#21  
trans-1,2-Dichloroethene  
Concen: 18.023 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

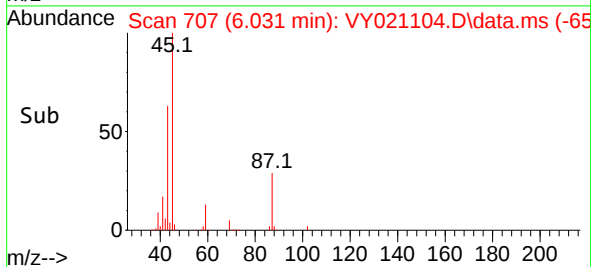
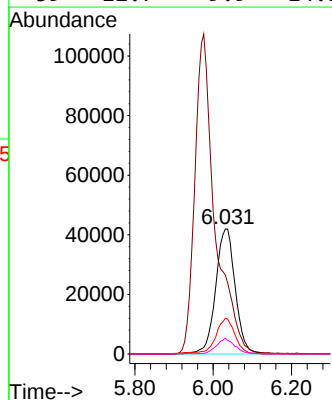
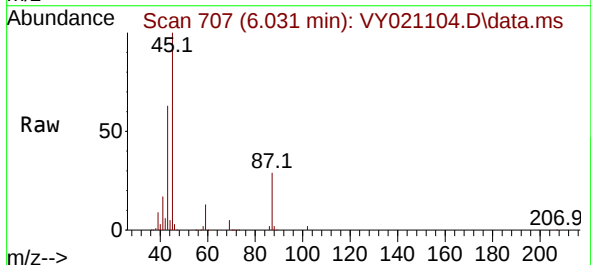
Instrument :  
MSVOA\_Y  
ClientSampleId :

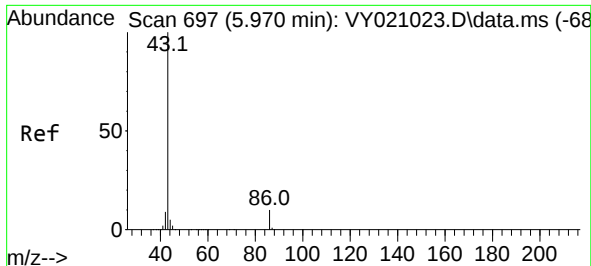
Tgt Ion: 96 Resp: 43183  
Ion Ratio Lower Upper  
96 100  
61 129.9 104.6 156.8  
98 62.5 50.9 76.3



#22  
Diisopropyl ether  
Concen: 19.237 ug/l  
RT: 6.031 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 45 Resp: 145466  
Ion Ratio Lower Upper  
45 100  
43 62.6 46.8 70.2  
87 28.6 22.2 33.2  
59 12.7 9.9 14.9

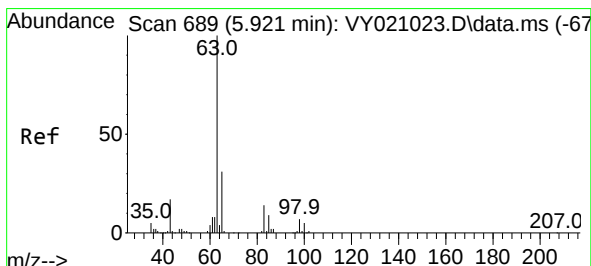
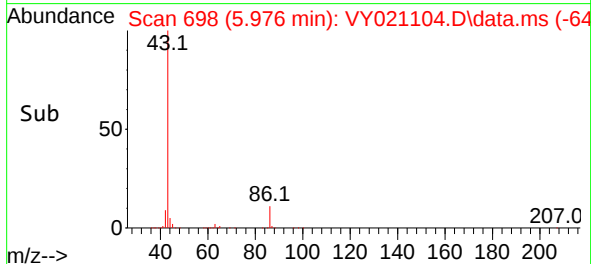
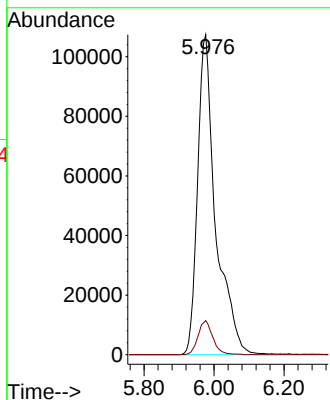
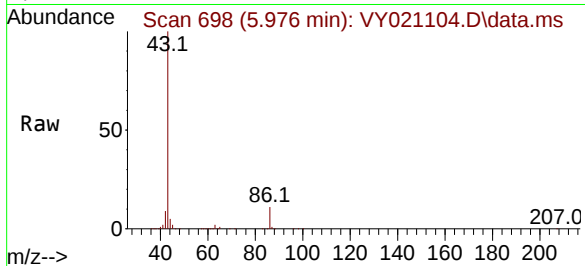




#23  
 Vinyl Acetate  
 Concen: 91.371 ug/l  
 RT: 5.976 min Scan# 697  
 Delta R.T. 0.006 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

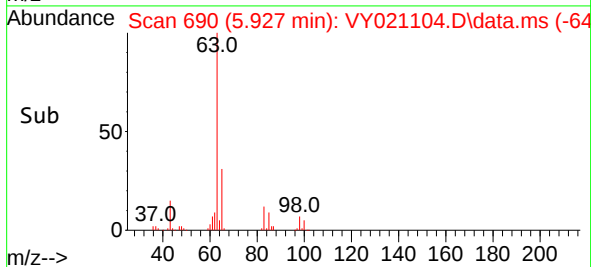
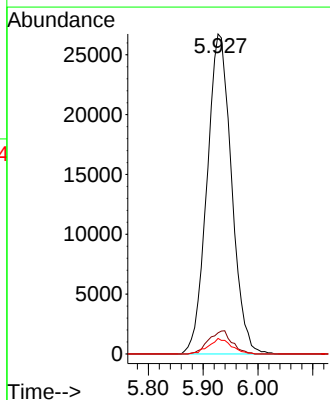
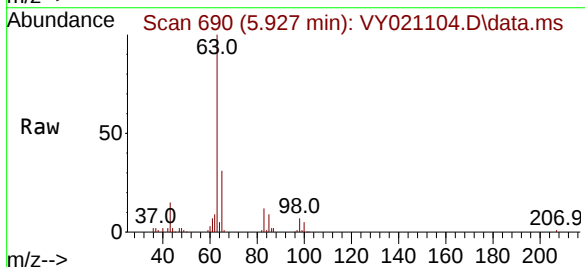
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

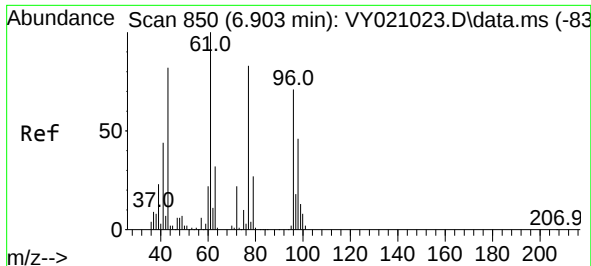
Tgt Ion: 43 Resp: 385163  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 18.745 ug/l  
 RT: 5.927 min Scan# 690  
 Delta R.T. 0.006 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

Tgt Ion: 63 Resp: 83045  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.8 11.4  
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 91.388 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

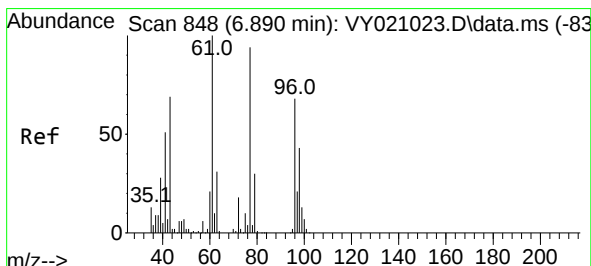
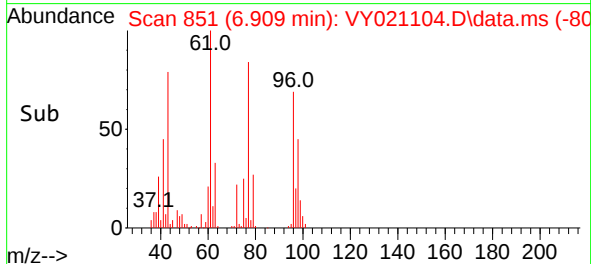
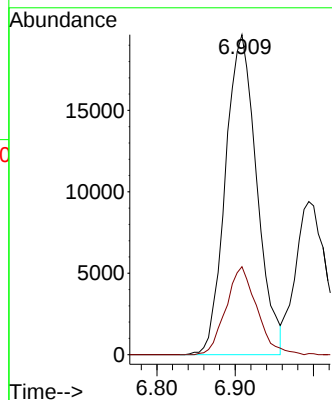
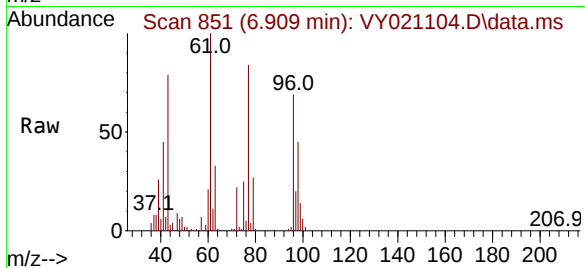
ClientSampleId :

Tgt Ion: 43 Resp: 54780

Ion Ratio Lower Upper

43 100

72 27.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 18.711 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021104.D

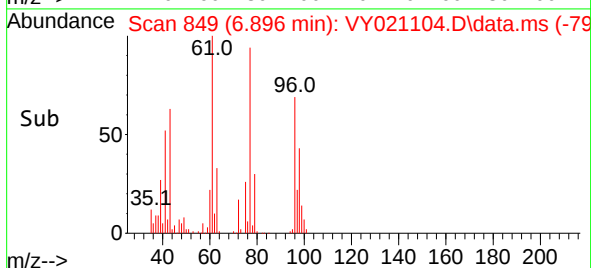
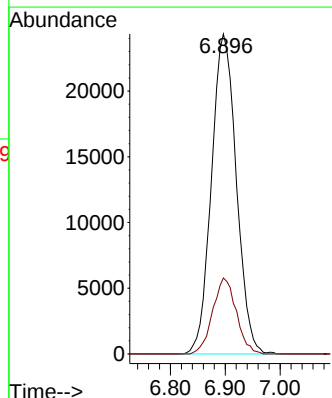
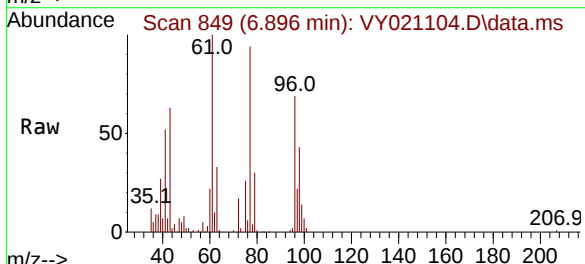
Acq: 06 Feb 2025 10:51

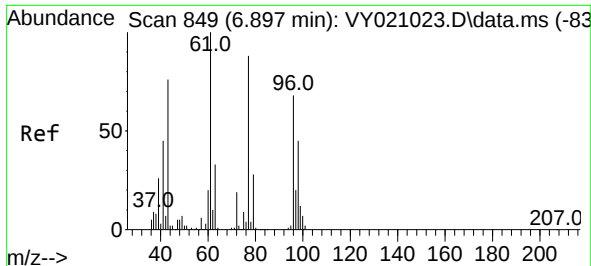
Tgt Ion: 77 Resp: 76702

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.793 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

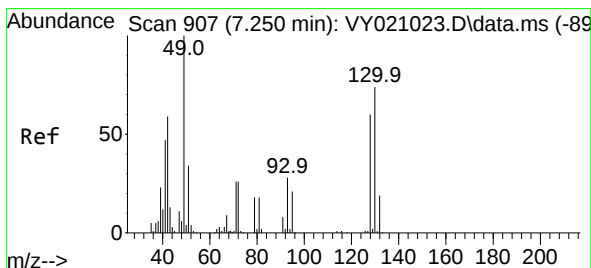
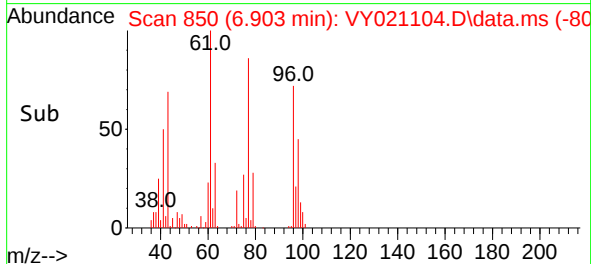
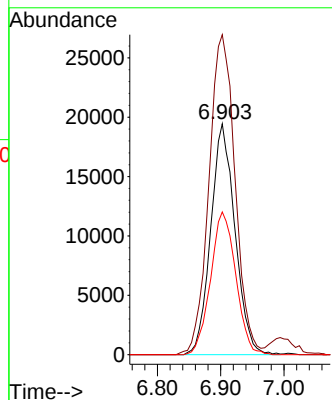
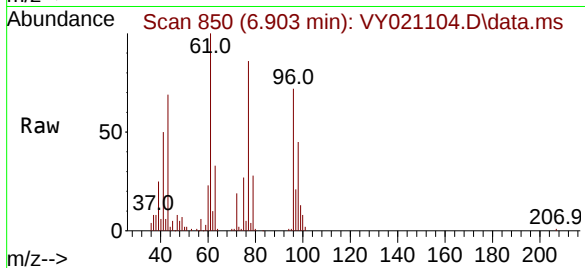
Tgt Ion: 96 Resp: 51831

Ion Ratio Lower Upper

96 100

61 148.9 0.0 278.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 20.416 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

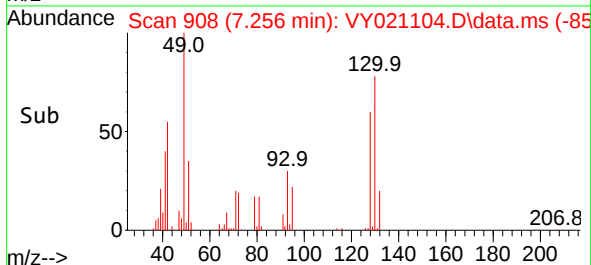
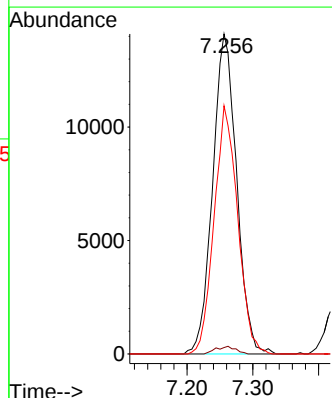
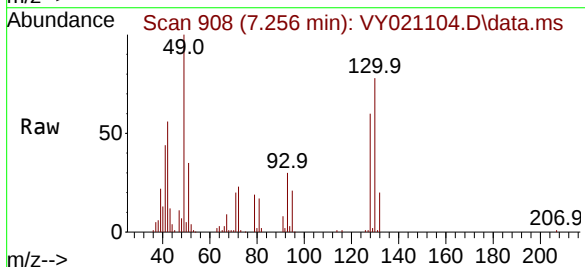
Tgt Ion: 49 Resp: 35766

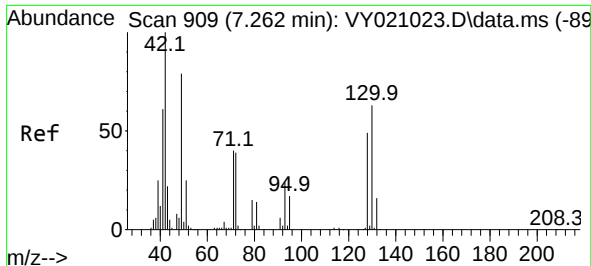
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 76.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 90.041 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021104.D

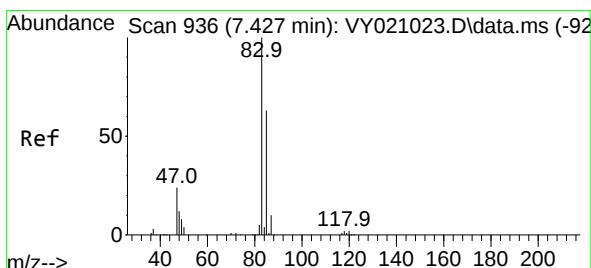
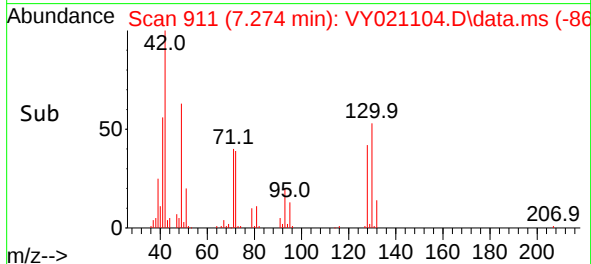
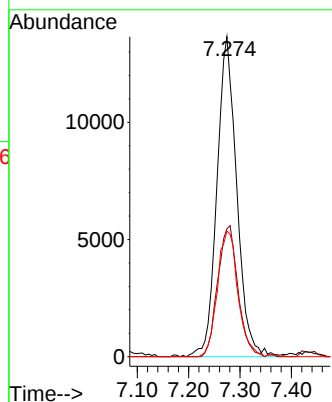
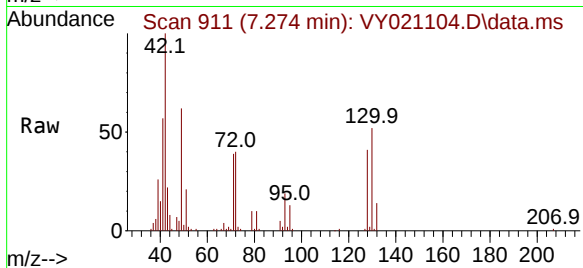
Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 36521 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 41.9  | 36.6  | 54.8  |
| 71       | 40.5  | 33.8  | 50.6  |



#30

Chloroform

Concen: 18.804 ug/l

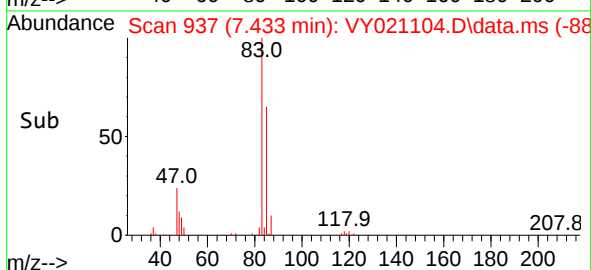
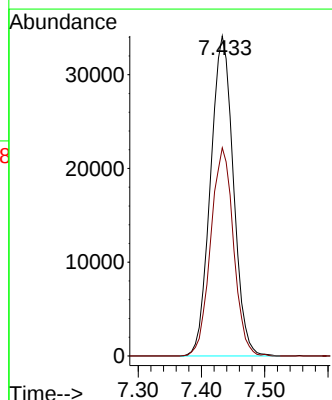
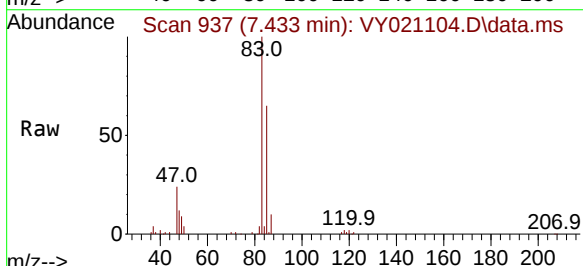
RT: 7.433 min Scan# 937

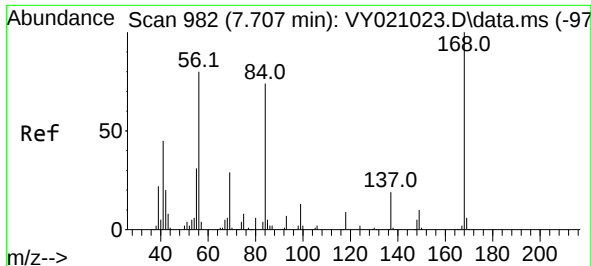
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 85569 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.1  | 51.2  | 76.8  |

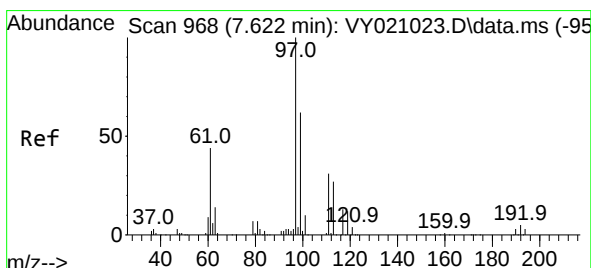
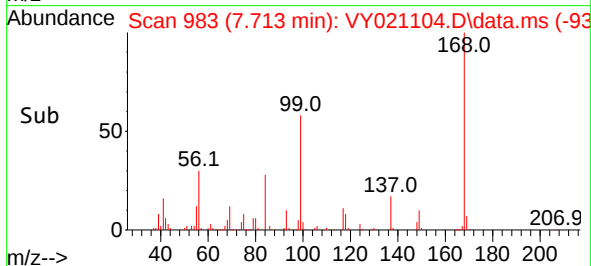
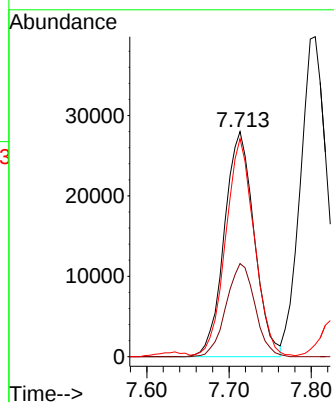
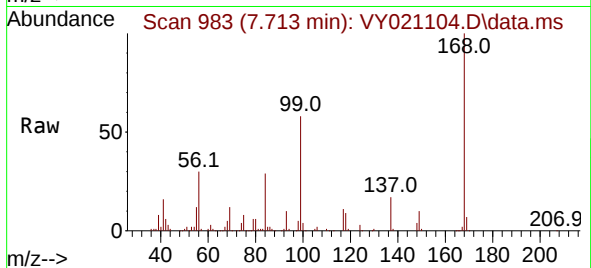




#31  
Cyclohexane  
Concen: 17.735 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

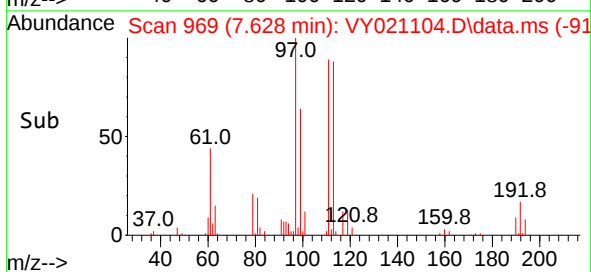
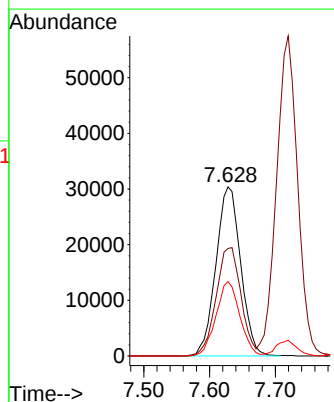
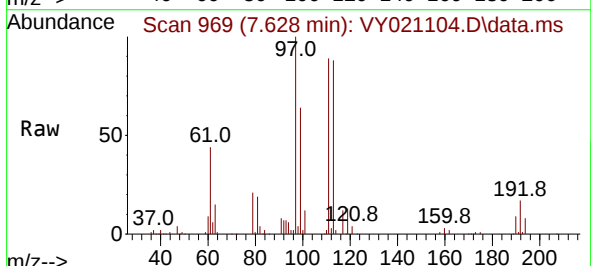
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 56 Resp: 70755  
Ion Ratio Lower Upper  
56 100  
69 41.4 27.0 40.6#  
84 95.4 71.8 107.6



#32  
1,1,1-Trichloroethane  
Concen: 18.830 ug/l  
RT: 7.628 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 97 Resp: 79668  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.2 76.8  
61 42.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.760 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

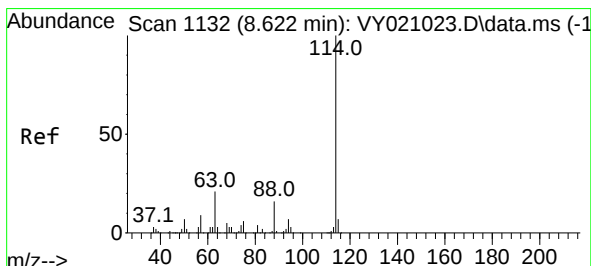
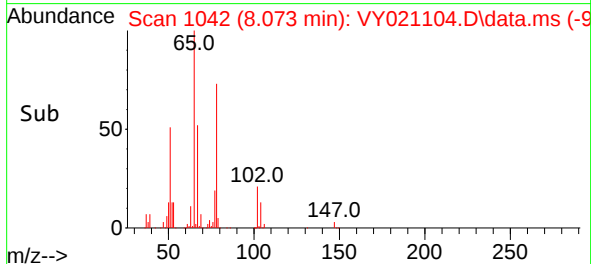
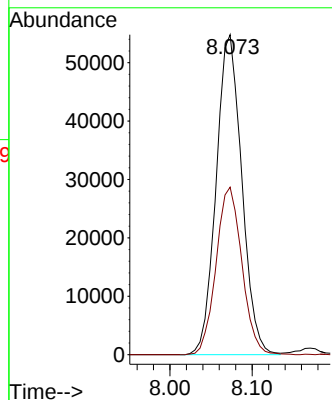
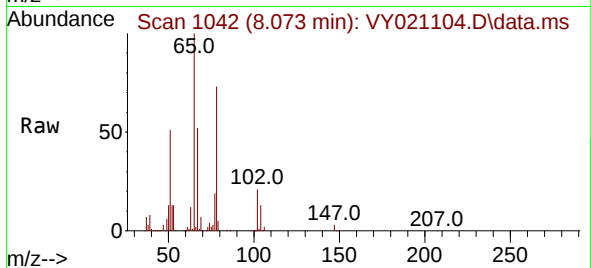
ClientSampleId :

Tgt Ion: 65 Resp: 118732

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

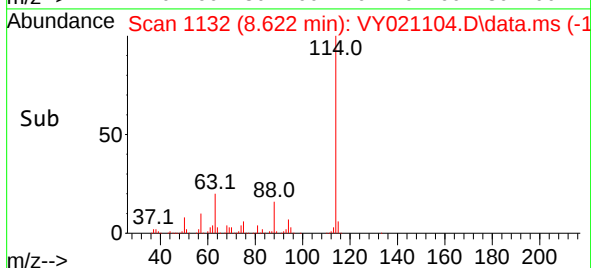
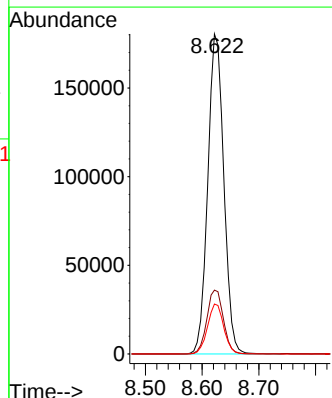
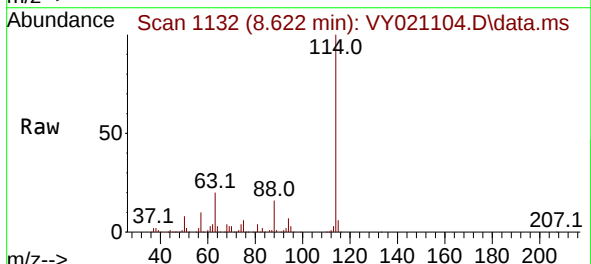
Tgt Ion:114 Resp: 354381

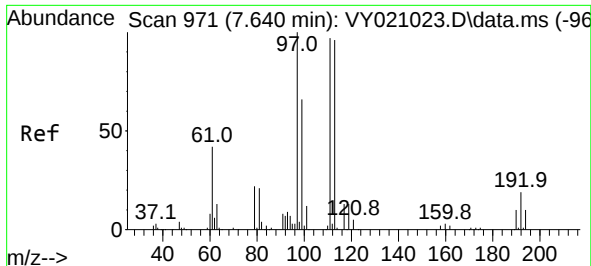
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

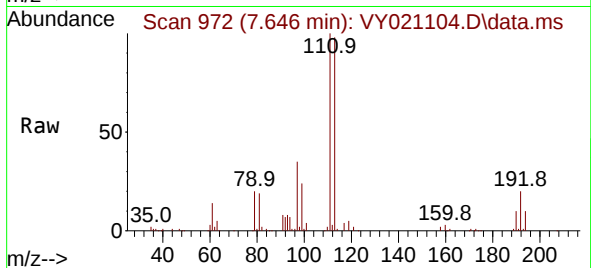
88 15.6 0.0 29.0



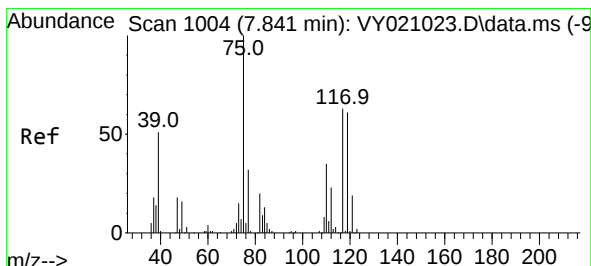
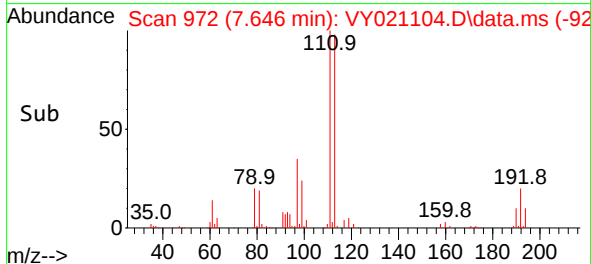
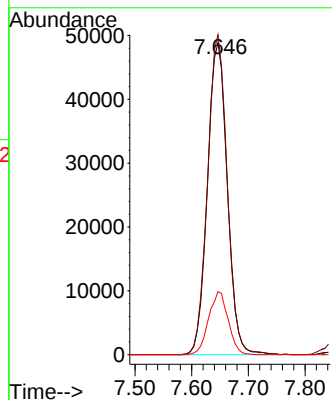


#35  
Dibromofluoromethane  
Concen: 52.331 ug/l  
RT: 7.646 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Instrument :  
MSVOA\_Y  
ClientSampleId :

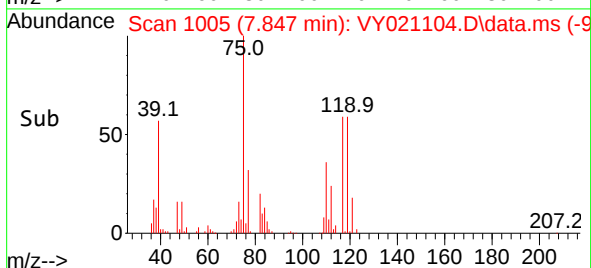
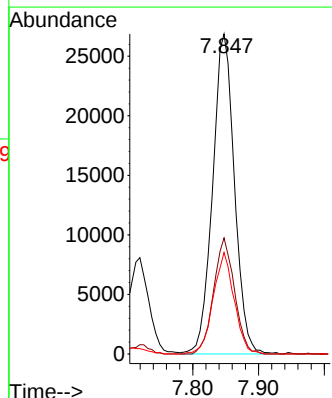
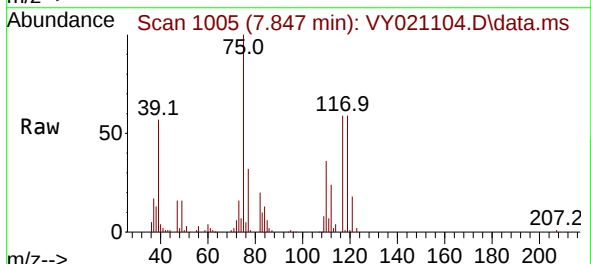


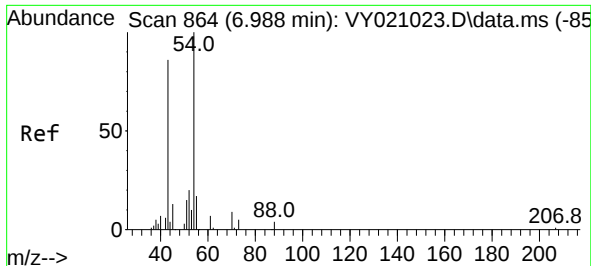
Tgt Ion:113 Resp: 118850  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.8 125.6  
192 19.9 14.5 21.7



#36  
1,1-Dichloropropene  
Concen: 18.462 ug/l  
RT: 7.847 min Scan# 1005  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 75 Resp: 62105  
Ion Ratio Lower Upper  
75 100  
110 34.7 17.4 52.3  
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 18.342 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

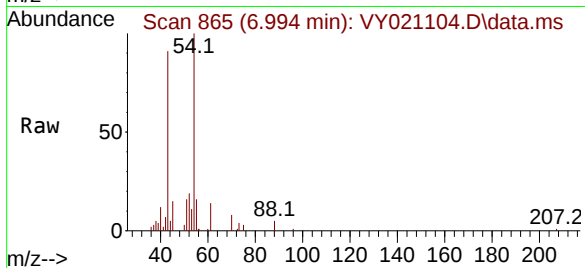
Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :



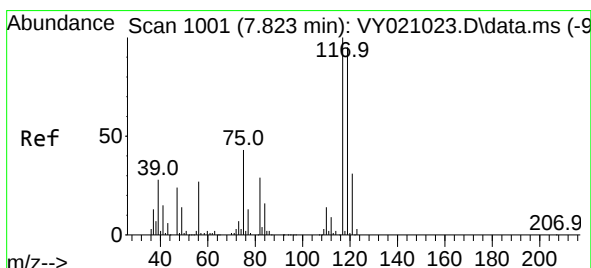
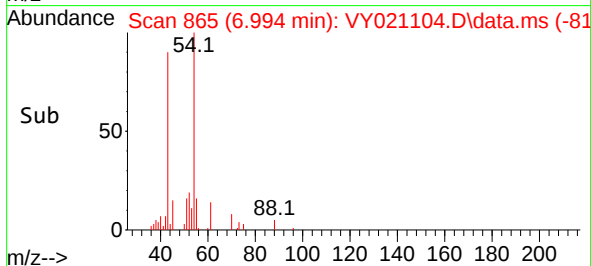
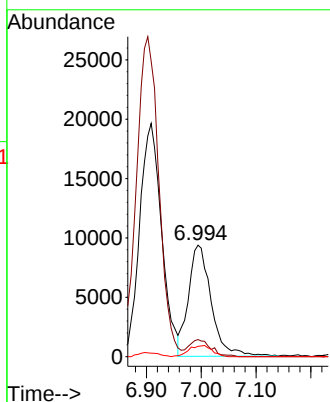
Tgt Ion: 43 Resp: 27067

Ion Ratio Lower Upper

43 100

61 15.0 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 18.422 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

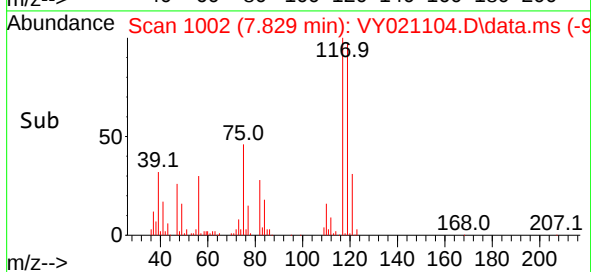
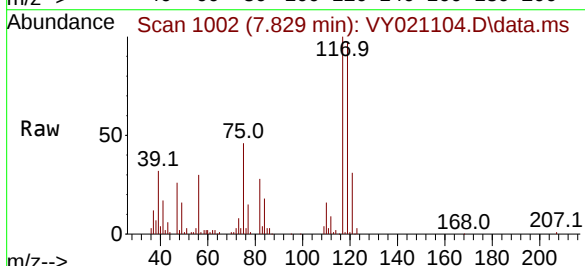
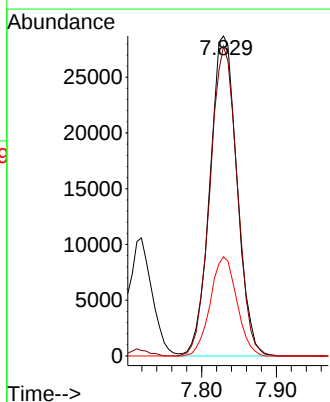
Tgt Ion: 117 Resp: 72408

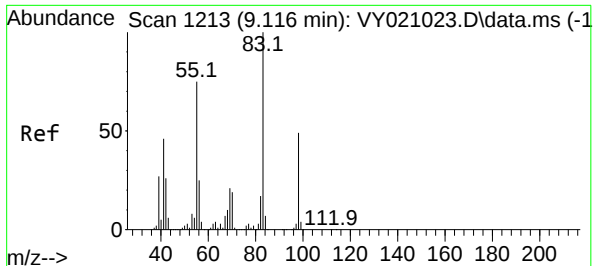
Ion Ratio Lower Upper

117 100

119 96.8 76.0 114.0

121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 18.105 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

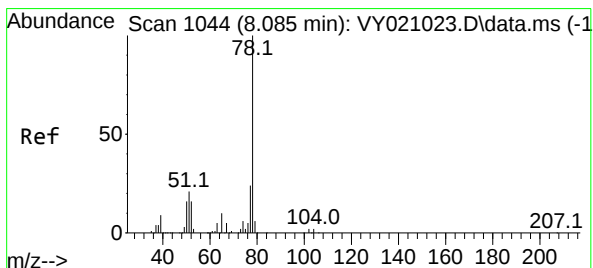
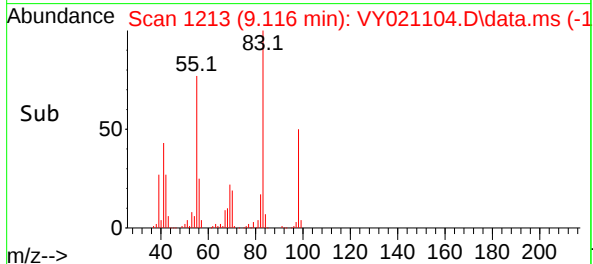
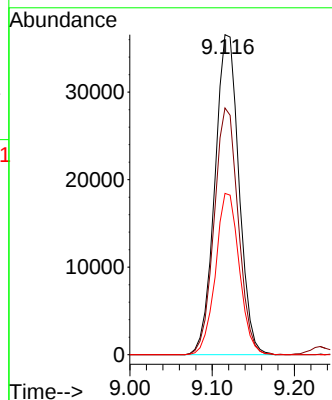
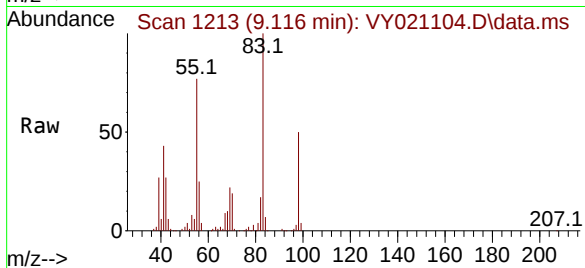
Tgt Ion: 83 Resp: 74498

Ion Ratio Lower Upper

83 100

55 77.1 59.7 89.5

98 50.4 38.0 57.0



#40

Benzene

Concen: 18.541 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021104.D

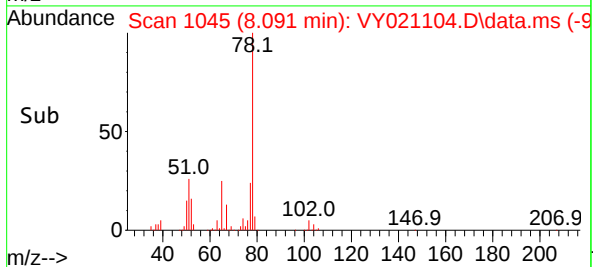
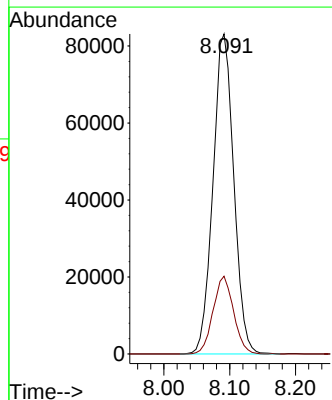
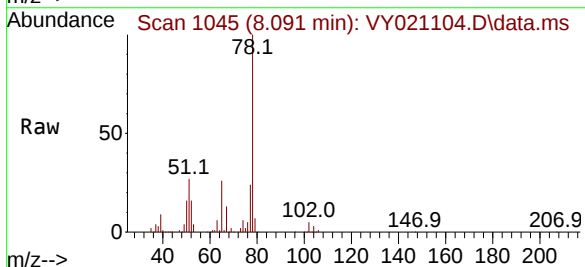
Acq: 06 Feb 2025 10:51

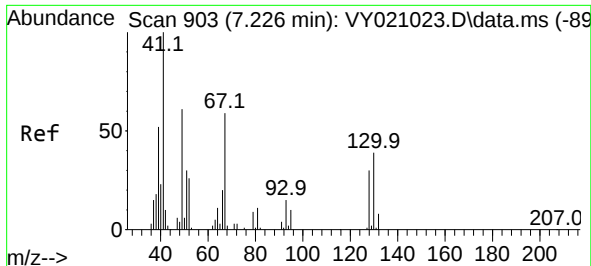
Tgt Ion: 78 Resp: 183038

Ion Ratio Lower Upper

78 100

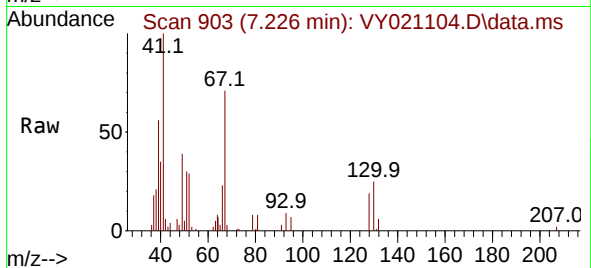
77 24.3 18.8 28.2



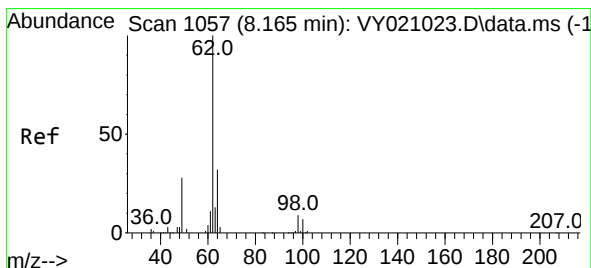
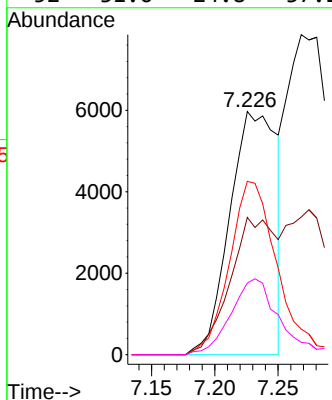
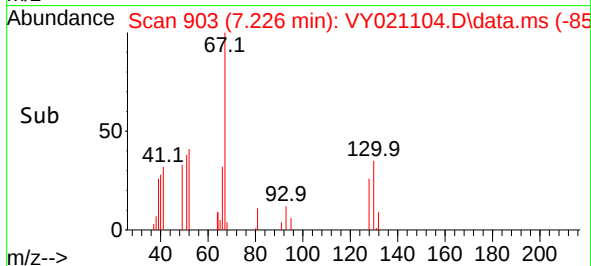


#41  
Methacrylonitrile  
Concen: 18.043 ug/l  
RT: 7.226 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

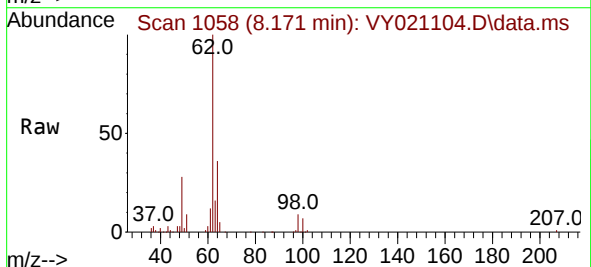
Instrument :  
MSVOA\_Y  
ClientSampleId :



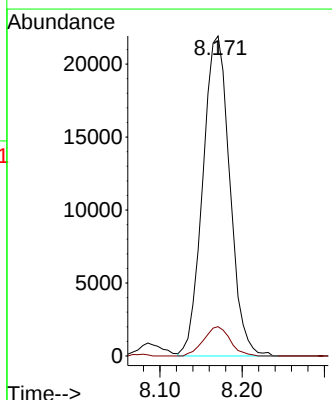
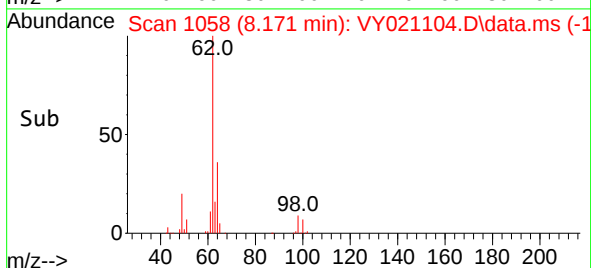
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 15404 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.2  | 41.9  | 62.9  |
| 67       | 72.9  | 59.8  | 89.6  |
| 52       | 31.6  | 24.8  | 37.2  |

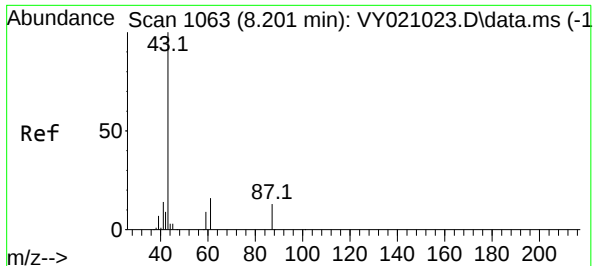


#42  
1,2-Dichloroethane  
Concen: 18.258 ug/l  
RT: 8.171 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 49998 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 17.909 ug/l

RT: 8.207 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

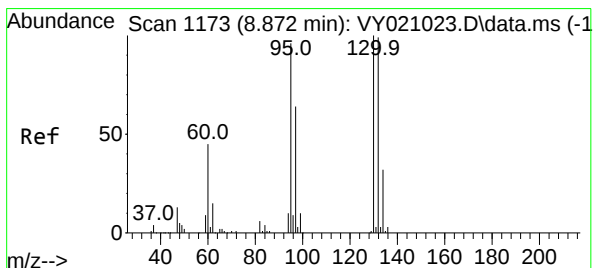
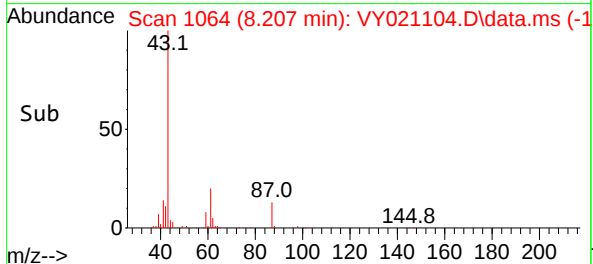
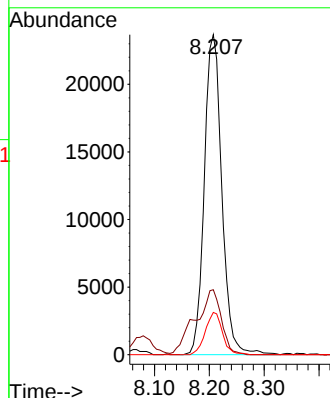
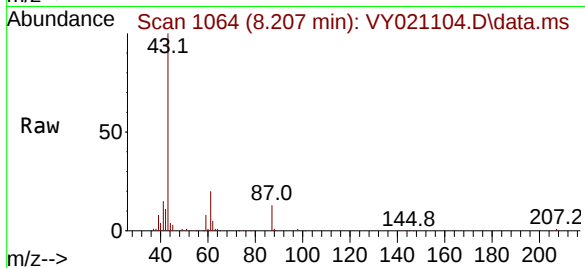
Tgt Ion: 43 Resp: 52515

Ion Ratio Lower Upper

43 100

61 30.1 24.8 37.2

87 12.9 10.7 16.1



#44

Trichloroethene

Concen: 18.733 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY021104.D

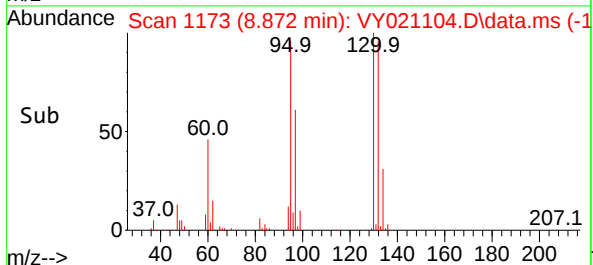
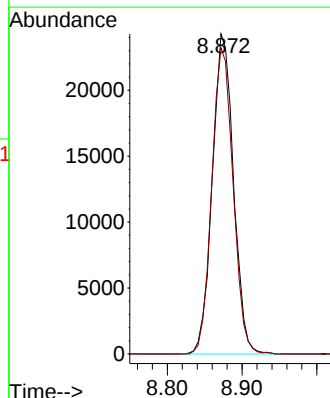
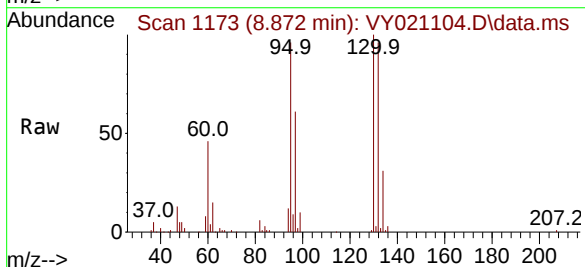
Acq: 06 Feb 2025 10:51

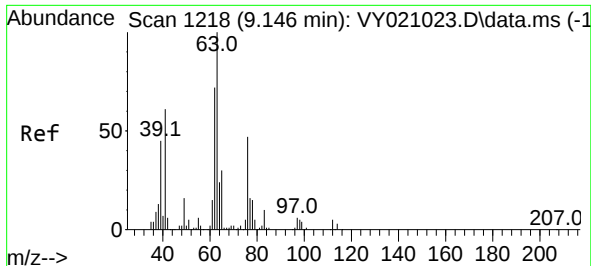
Tgt Ion:130 Resp: 47778

Ion Ratio Lower Upper

130 100

95 95.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 18.744 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

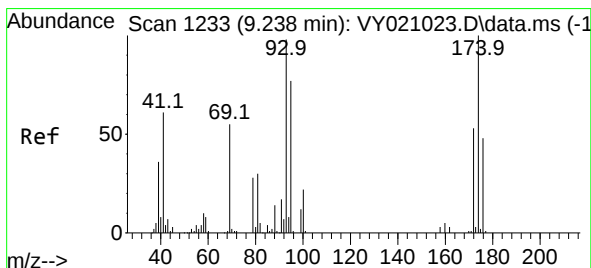
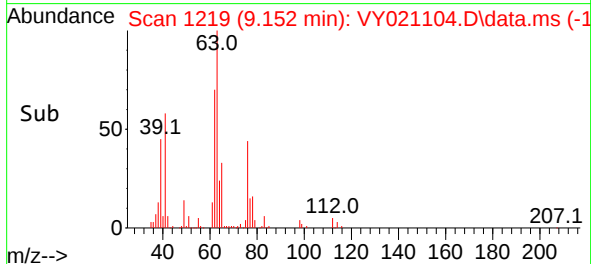
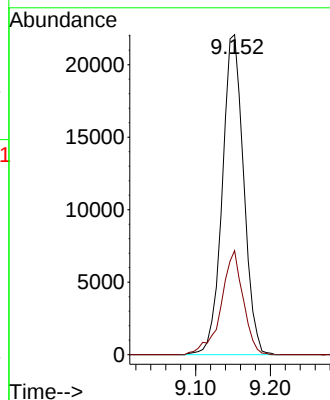
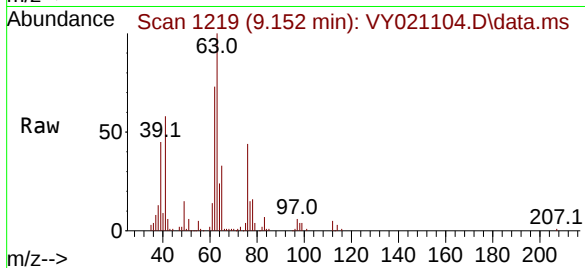
ClientSampleId :

Tgt Ion: 63 Resp: 43920

Ion Ratio Lower Upper

63 100

65 32.5 24.6 36.8



#46

Dibromomethane

Concen: 18.157 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

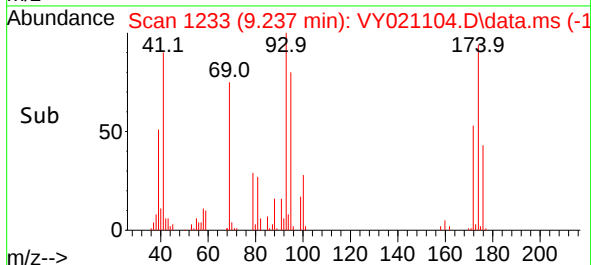
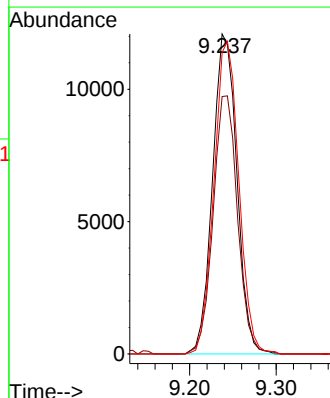
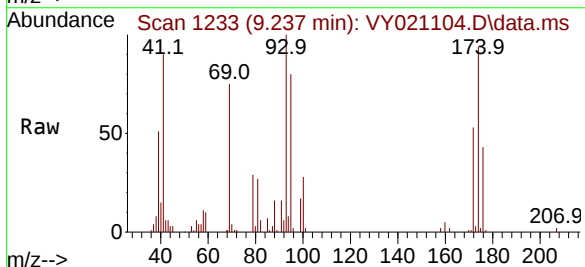
Tgt Ion: 93 Resp: 23555

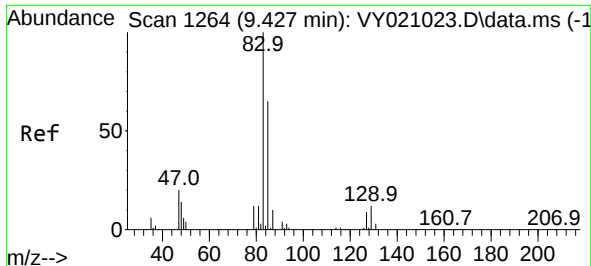
Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

174 100.0 73.8 110.6

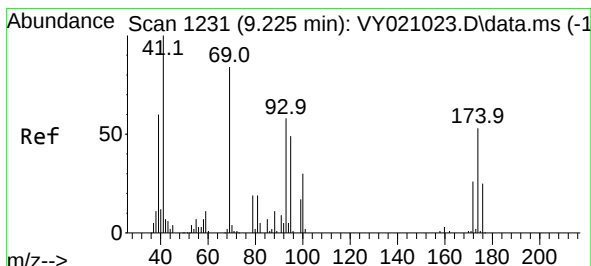
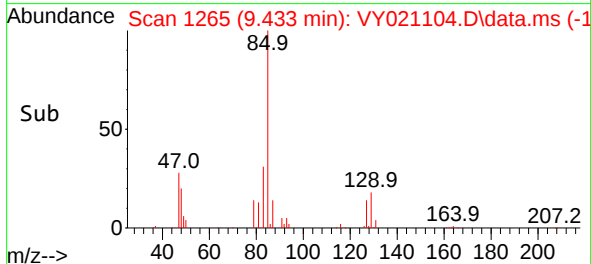
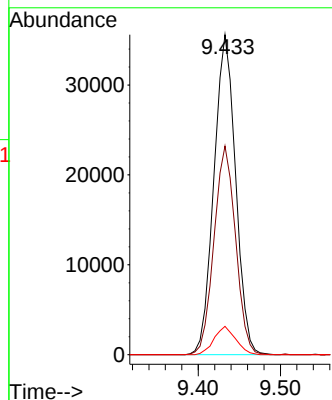
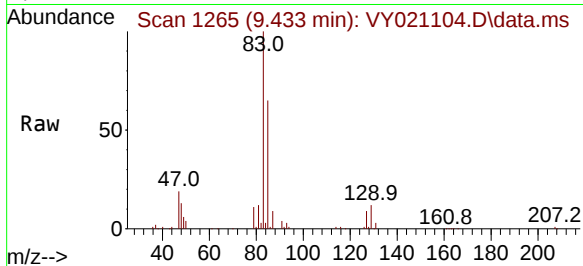




#47  
Bromodichloromethane  
Concen: 18.764 ug/l  
RT: 9.433 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

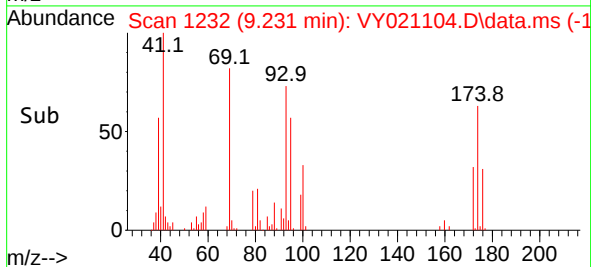
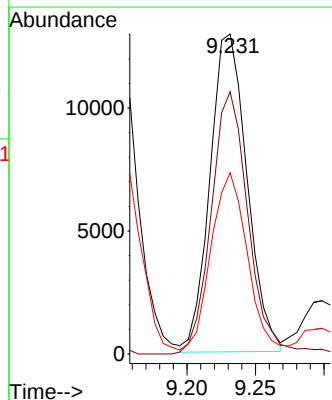
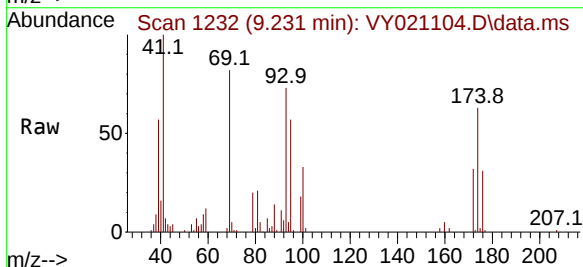
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 83 Resp: 65285  
Ion Ratio Lower Upper  
83 100  
85 65.2 53.2 79.8  
127 8.8 6.4 9.6



#48  
Methyl methacrylate  
Concen: 18.224 ug/l  
RT: 9.231 min Scan# 1232  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 41 Resp: 24341  
Ion Ratio Lower Upper  
41 100  
69 82.4 72.1 108.1  
39 54.4 42.8 64.2





#49

1,4-Dioxane

Concen: 382.294 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

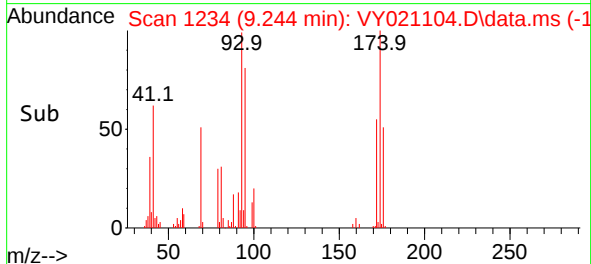
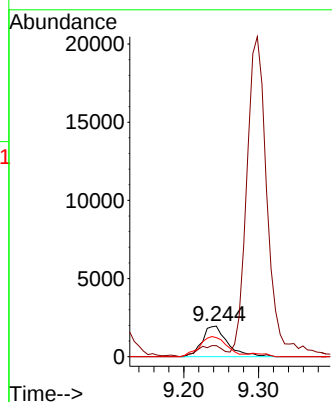
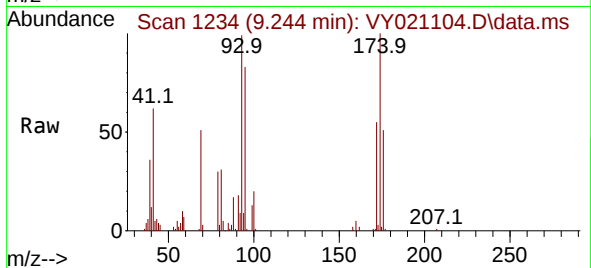
Tgt Ion: 88 Resp: 4617

Ion Ratio Lower Upper

88 100

43 37.4 28.2 42.4

58 70.7 52.2 78.2



#50

Toluene-d8

Concen: 51.952 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021104.D

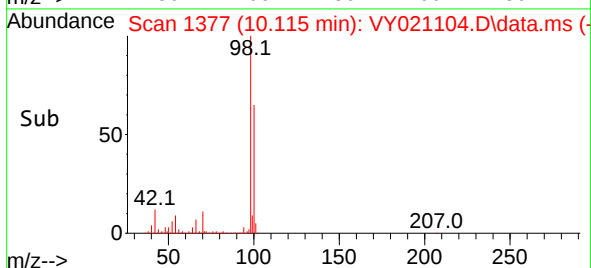
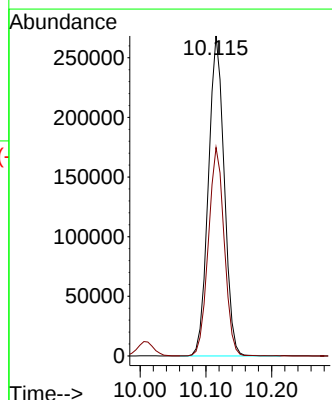
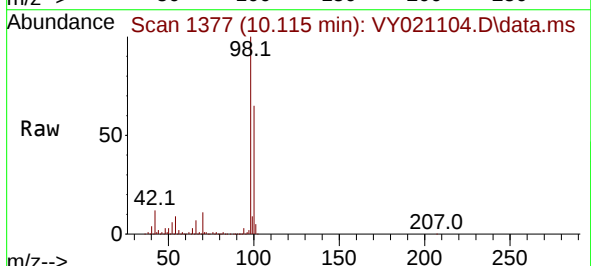
Acq: 06 Feb 2025 10:51

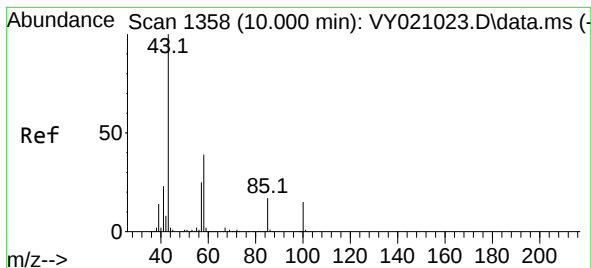
Tgt Ion: 98 Resp: 449193

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

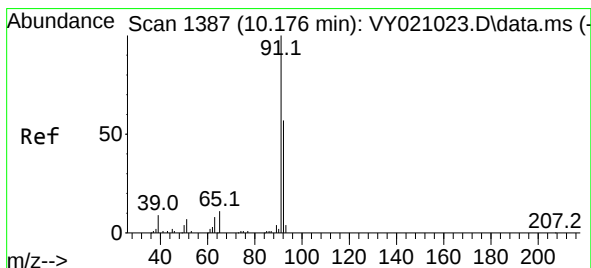
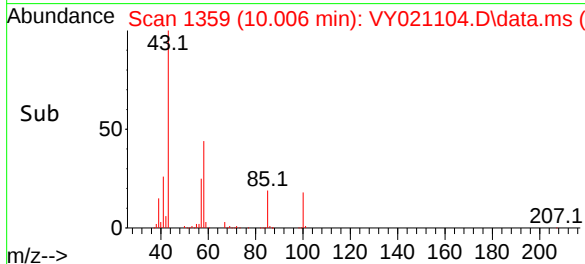
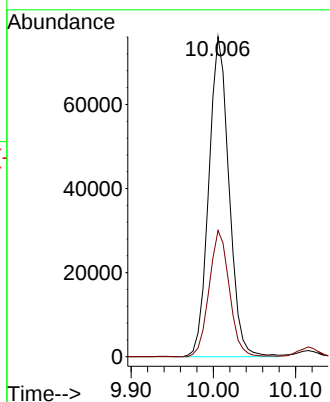
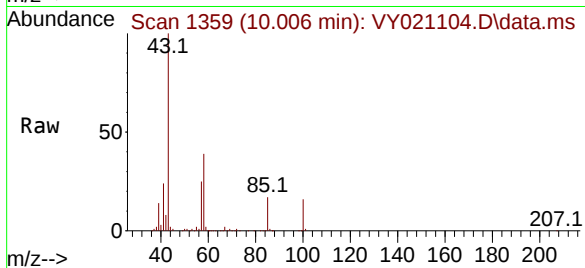




#51  
4-Methyl-2-Pentanone  
Concen: 88.023 ug/l  
RT: 10.006 min Scan# 1359  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

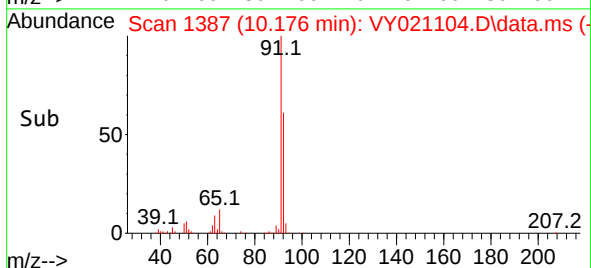
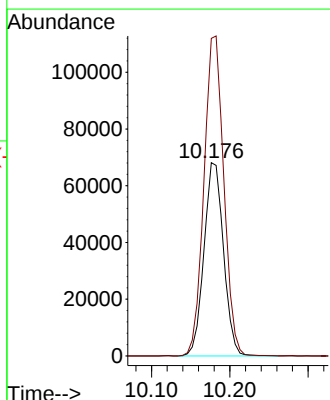
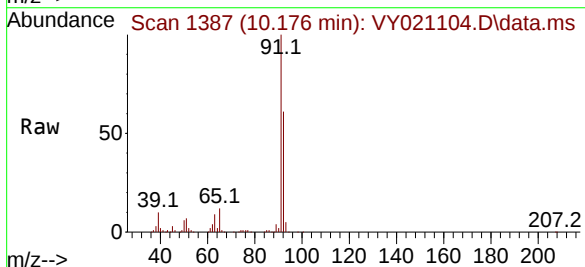
Instrument :  
MSVOA\_Y  
ClientSampleId :

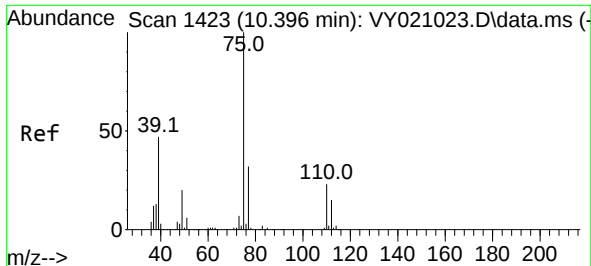
Tgt Ion: 43 Resp: 129795  
Ion Ratio Lower Upper  
43 100  
58 39.5 32.2 48.2



#52  
Toluene  
Concen: 19.003 ug/l  
RT: 10.176 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 92 Resp: 117791  
Ion Ratio Lower Upper  
92 100  
91 168.5 137.6 206.4

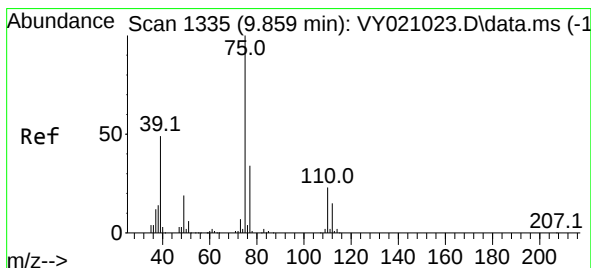
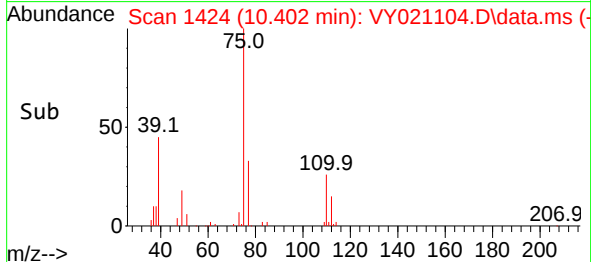
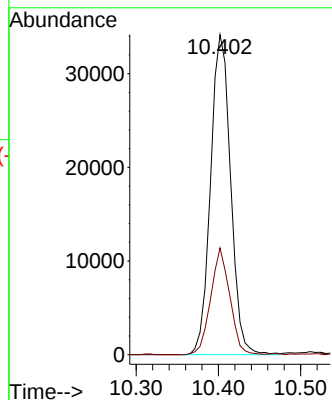
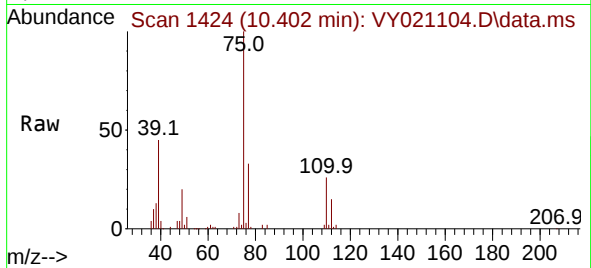




#53  
 t-1,3-Dichloropropene  
 Concen: 18.536 ug/l  
 RT: 10.402 min Scan# 1424  
 Delta R.T. 0.006 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

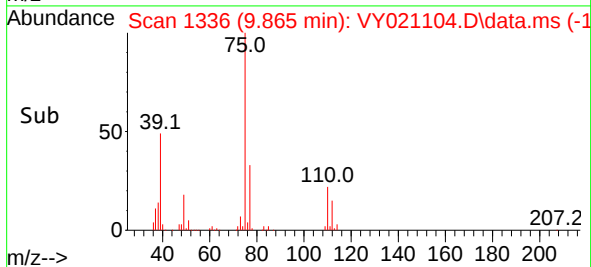
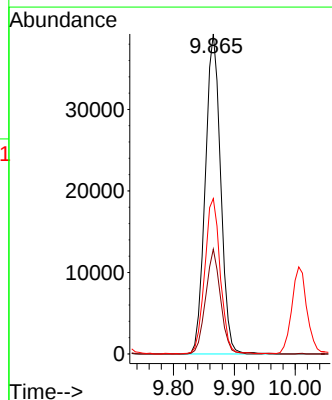
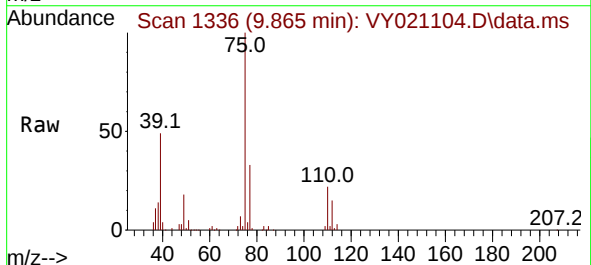
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

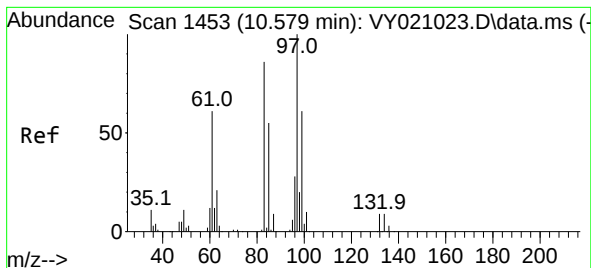
Tgt Ion: 75 Resp: 57910  
 Ion Ratio Lower Upper  
 75 100  
 77 33.3 24.6 36.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.626 ug/l  
 RT: 9.865 min Scan# 1336  
 Delta R.T. 0.006 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

Tgt Ion: 75 Resp: 68900  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 24.6 36.8  
 39 48.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 18.271 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

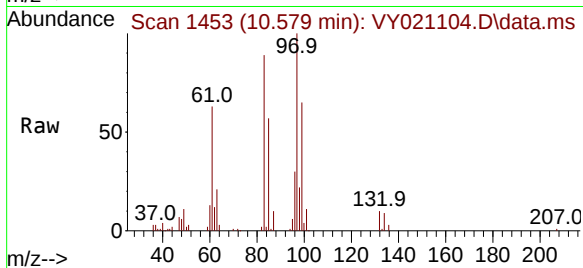
Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 30695

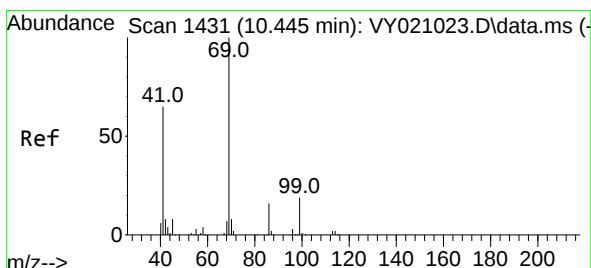
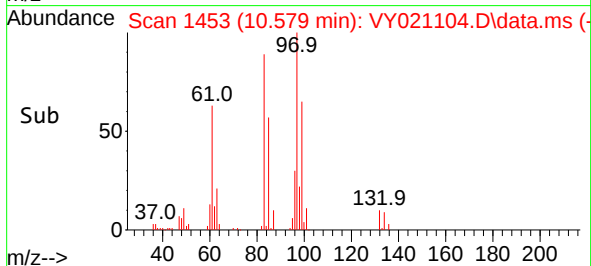
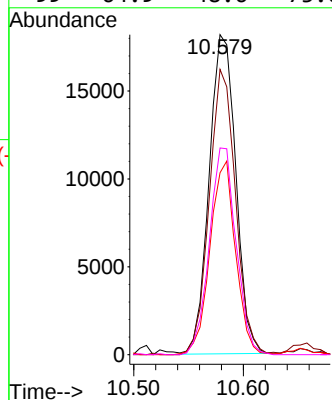
Ion Ratio Lower Upper

97 100

83 89.5 69.4 104.2

85 56.8 43.9 65.9

99 64.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 18.683 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

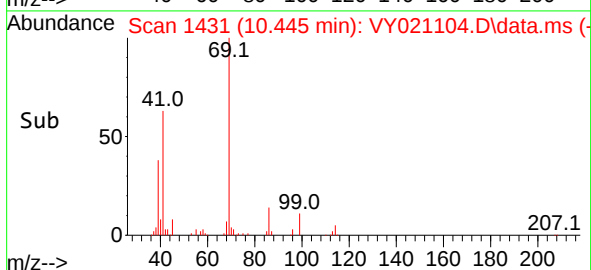
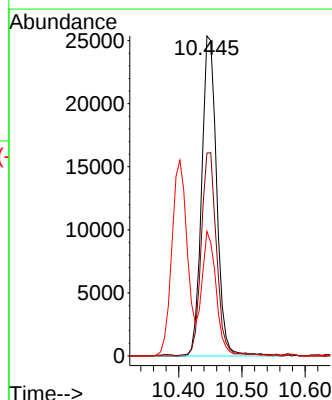
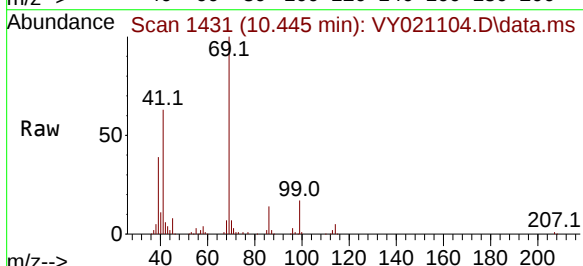
Tgt Ion: 69 Resp: 41989

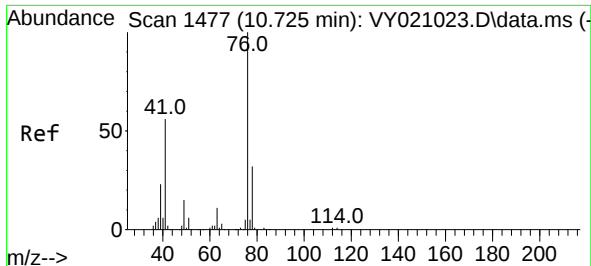
Ion Ratio Lower Upper

69 100

41 65.0 49.2 73.8

39 37.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 18.419 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

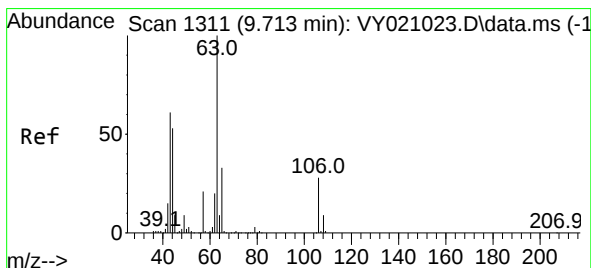
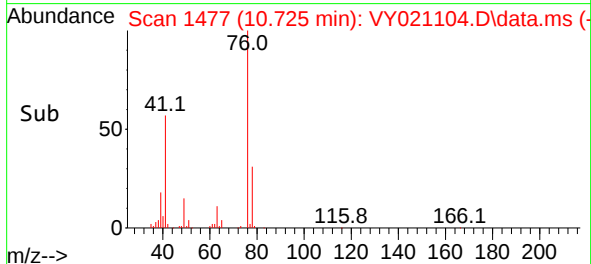
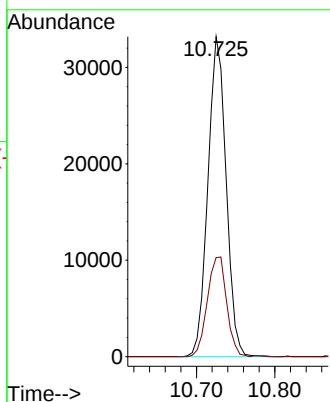
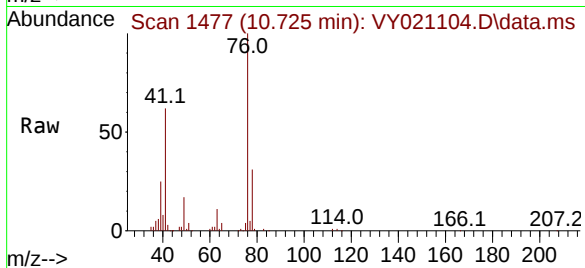
ClientSampleId :

Tgt Ion: 76 Resp: 53560

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 90.528 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021104.D

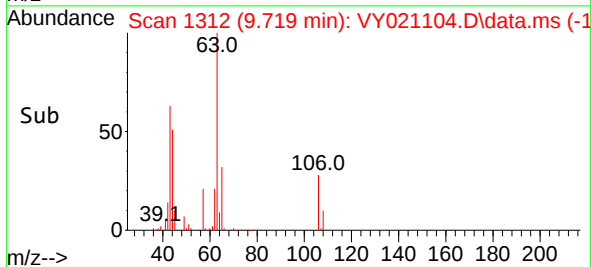
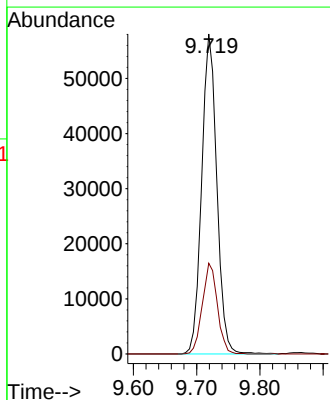
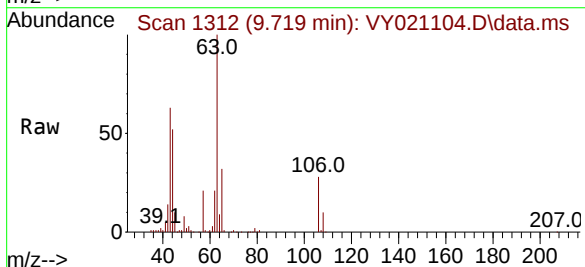
Acq: 06 Feb 2025 10:51

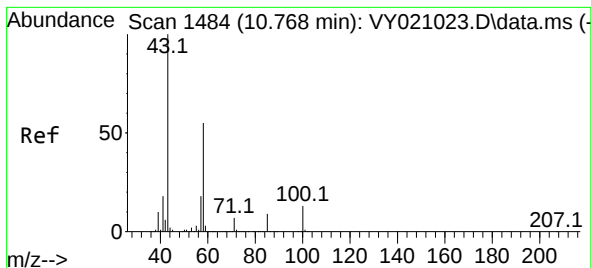
Tgt Ion: 63 Resp: 96792

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

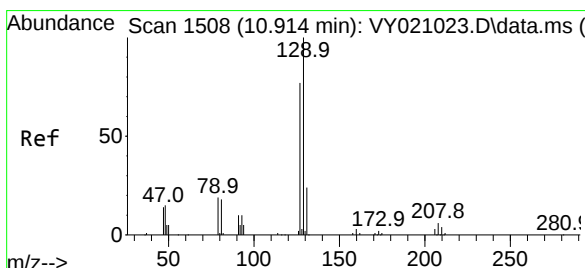
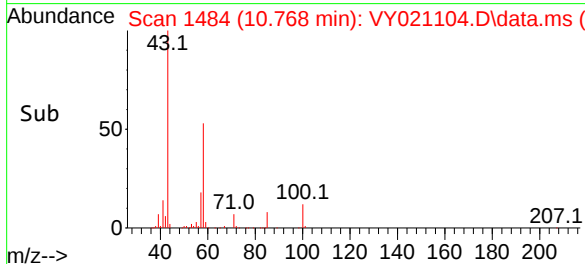
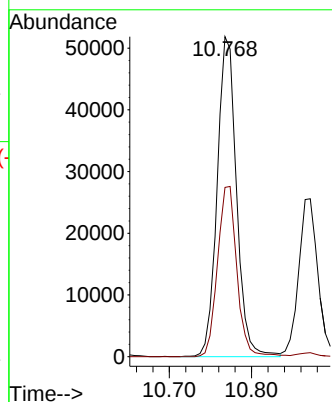
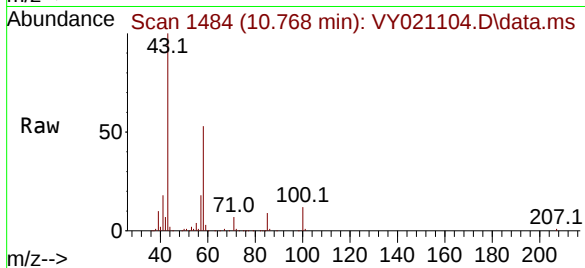




#59  
2-Hexanone  
Concen: 89.274 ug/l  
RT: 10.768 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

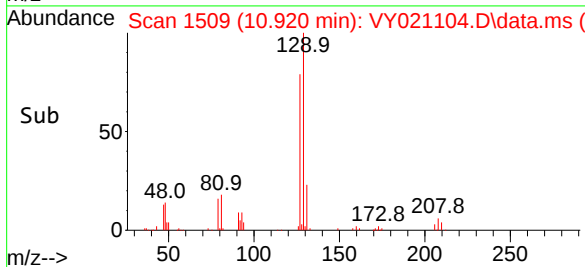
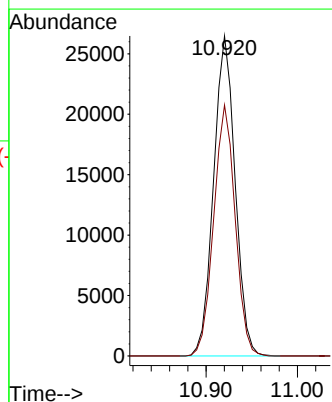
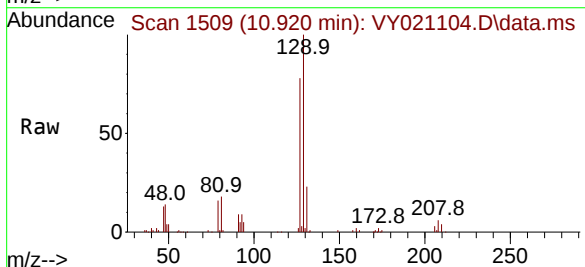
Instrument :  
MSVOA\_Y  
ClientSampleId :

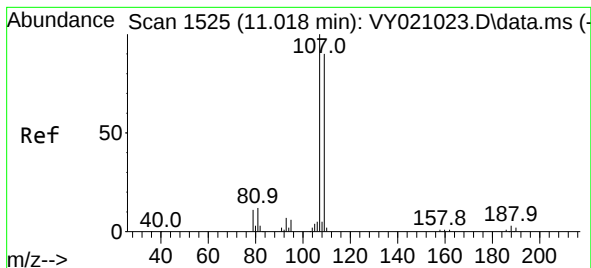
Tgt Ion: 43 Resp: 84757  
Ion Ratio Lower Upper  
43 100  
58 53.2 28.1 84.3



#60  
Dibromochloromethane  
Concen: 18.382 ug/l  
RT: 10.920 min Scan# 1509  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 129 Resp: 43368  
Ion Ratio Lower Upper  
129 100  
127 78.1 39.2 117.6

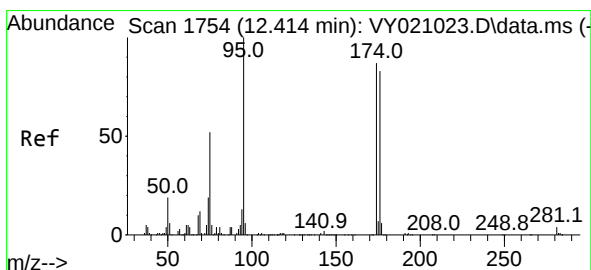
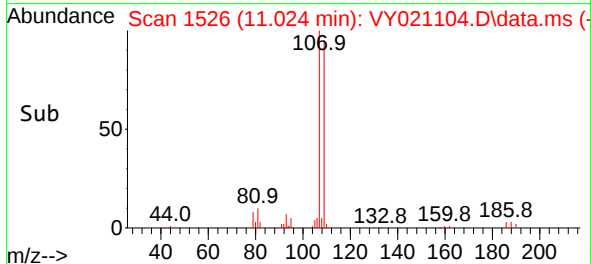
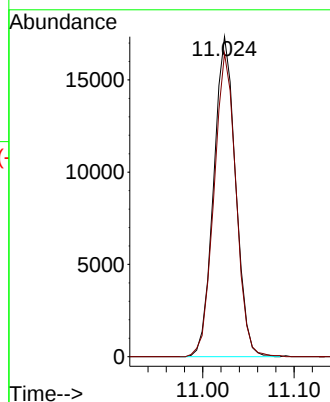
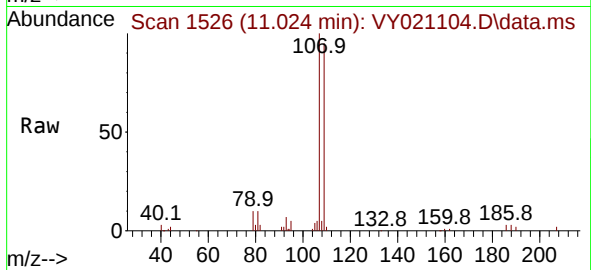




#61  
1,2-Dibromoethane  
Concen: 18.349 ug/l  
RT: 11.024 min Scan# 1526  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

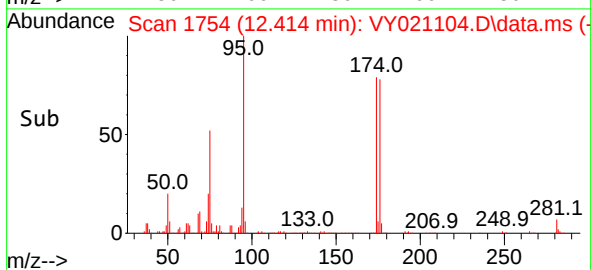
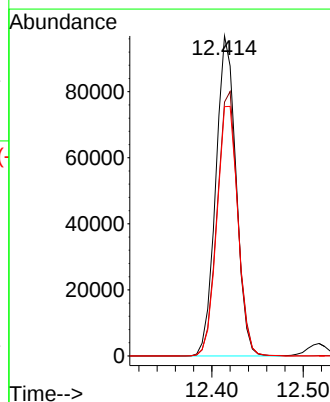
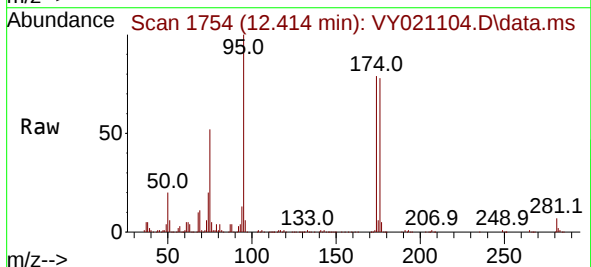
Instrument :  
MSVOA\_Y  
ClientSampleId :

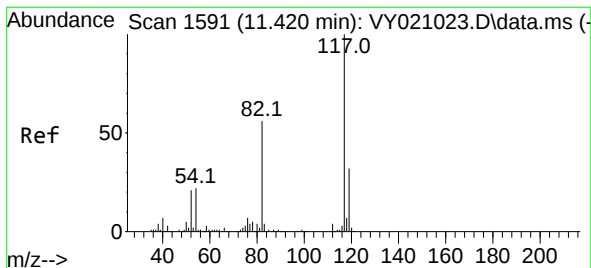
Tgt Ion:107 Resp: 28873  
Ion Ratio Lower Upper  
107 100  
109 95.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 52.837 ug/l  
RT: 12.414 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 95 Resp: 149248  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 160.0  
176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

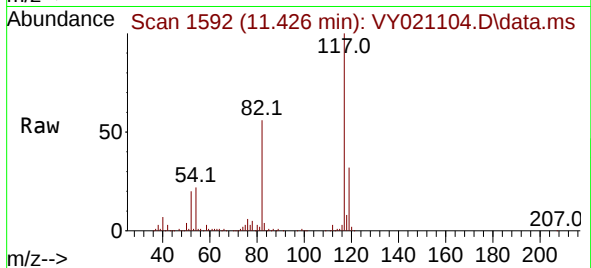
Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :



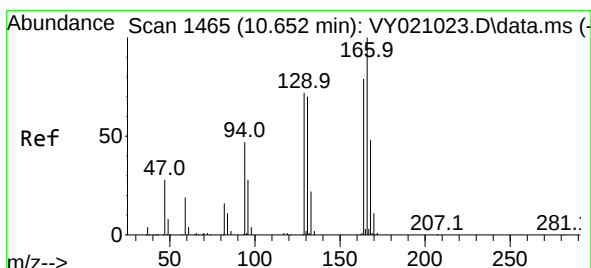
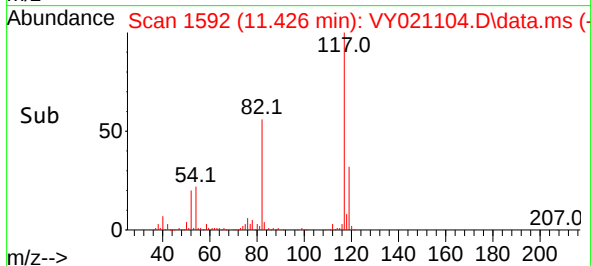
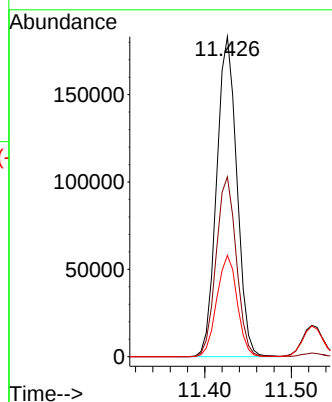
Tgt Ion:117 Resp: 297436

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 31.7 26.5 39.7



#64

Tetrachloroethene

Concen: 19.081 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion:164 Resp: 42130

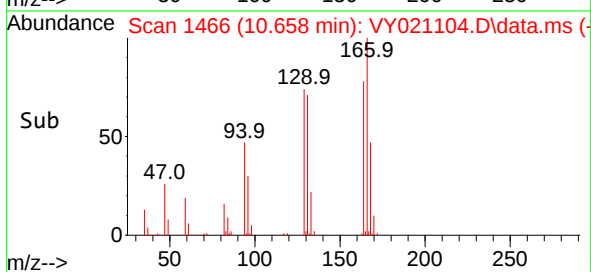
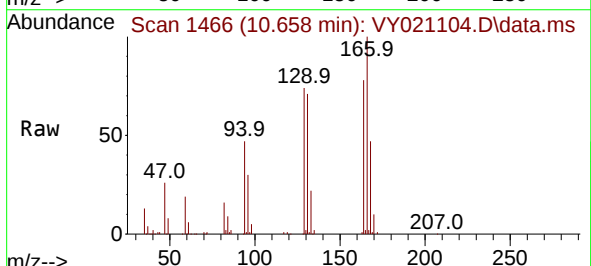
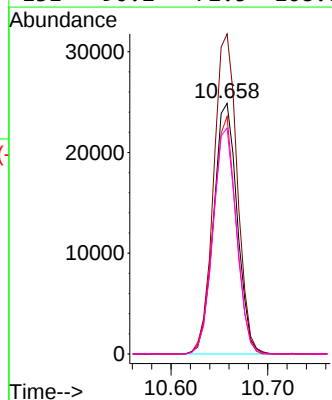
Ion Ratio Lower Upper

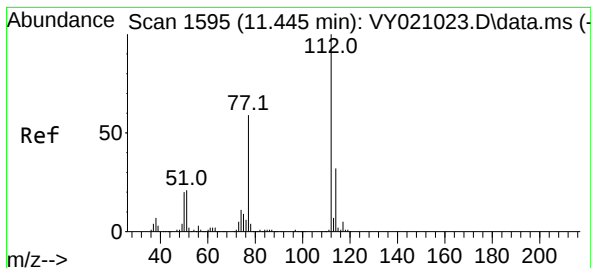
164 100

166 127.7 98.8 148.2

129 94.7 78.9 118.3

131 90.2 72.5 108.7





#65

Chlorobenzene

Concen: 18.891 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

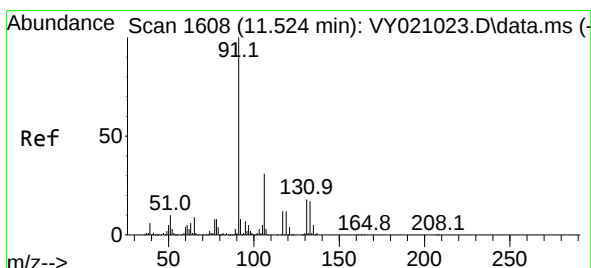
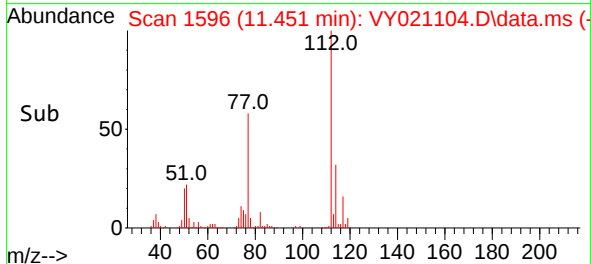
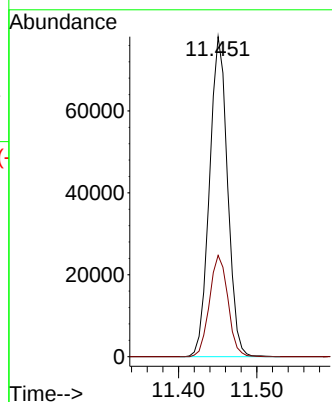
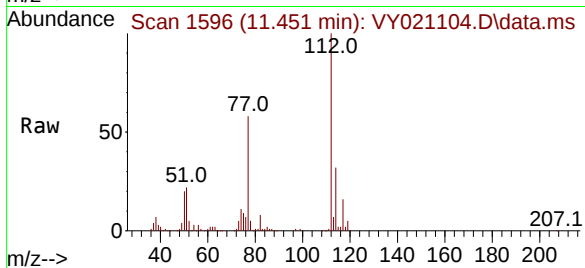
ClientSampleId :

Tgt Ion:112 Resp: 125116

Ion Ratio Lower Upper

112 100

114 31.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.051 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

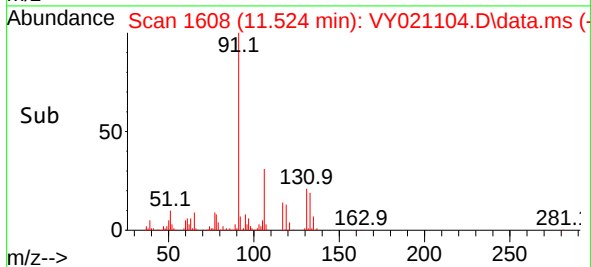
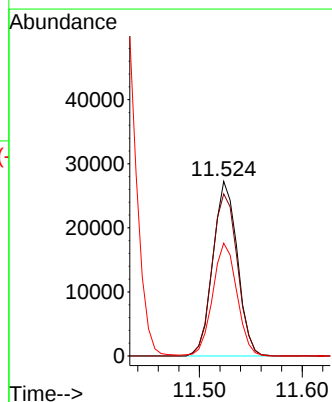
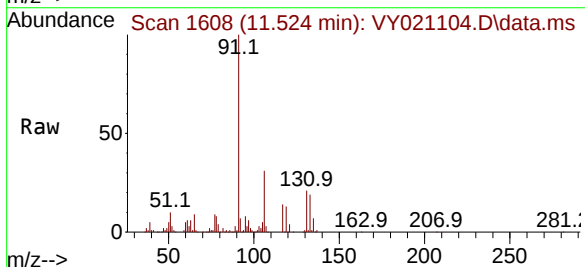
Tgt Ion:131 Resp: 44839

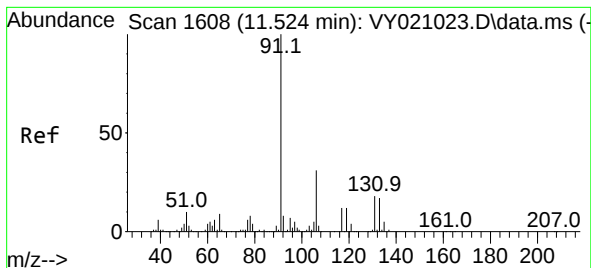
Ion Ratio Lower Upper

131 100

133 96.5 47.0 141.0

119 64.3 33.3 99.9





#67

Ethyl Benzene

Concen: 19.180 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

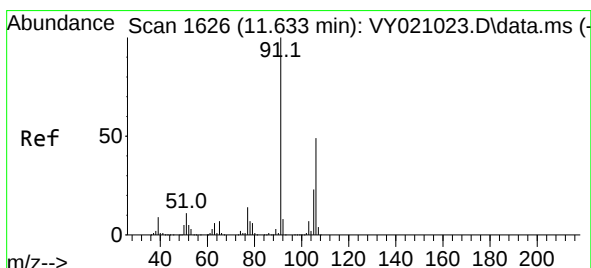
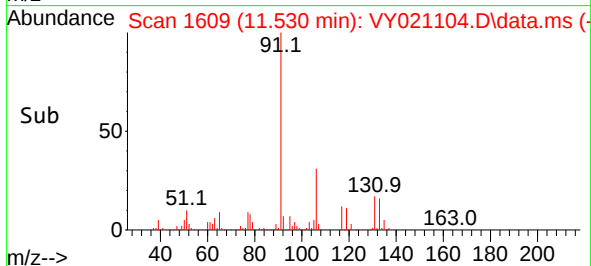
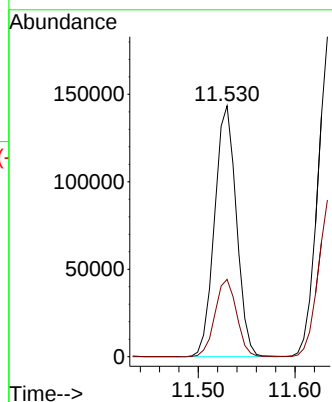
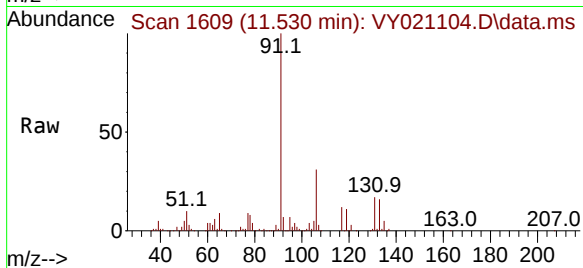
ClientSampleId :

Tgt Ion: 91 Resp: 224679

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 38.591 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021104.D

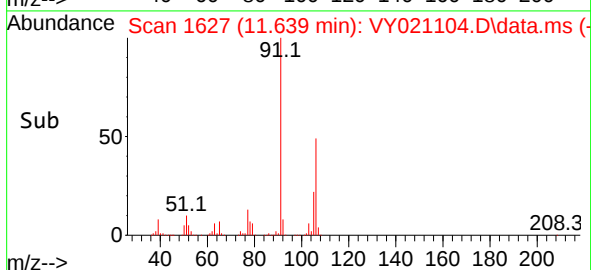
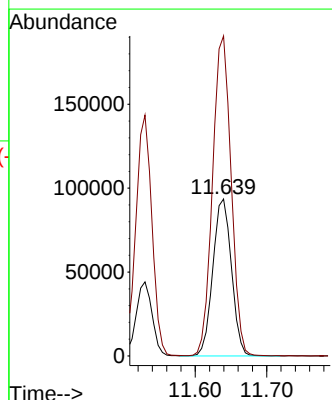
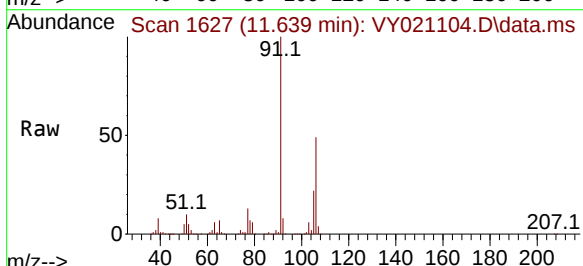
Acq: 06 Feb 2025 10:51

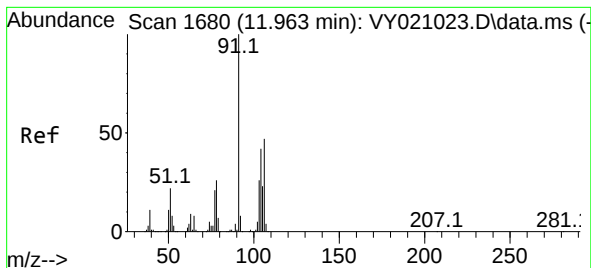
Tgt Ion:106 Resp: 169115

Ion Ratio Lower Upper

106 100

91 203.5 160.7 241.1

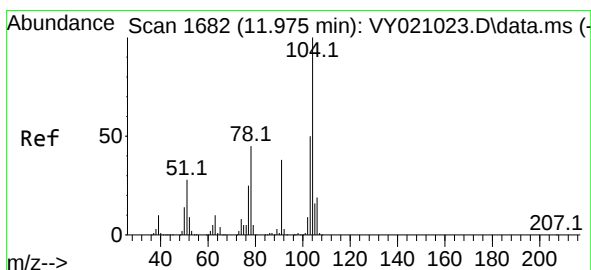
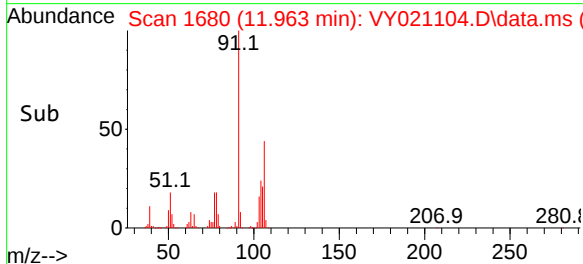
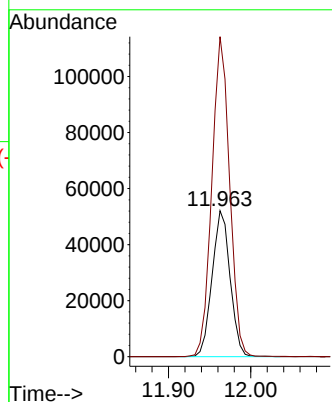
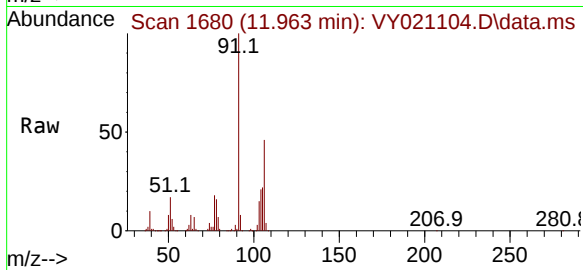




#69  
o-Xylene  
Concen: 19.444 ug/l  
RT: 11.963 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

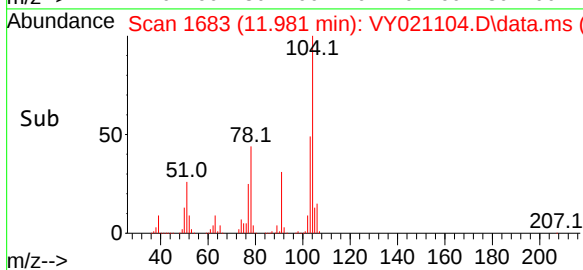
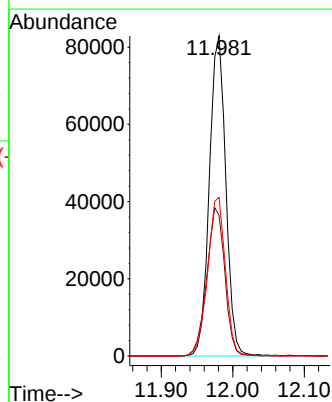
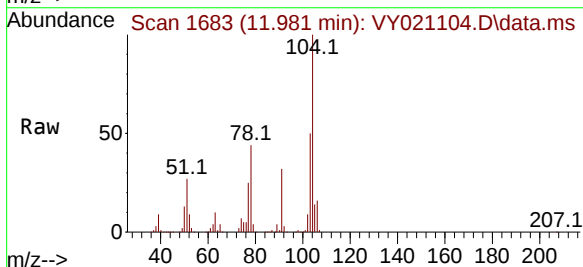
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:106 Resp: 79442  
Ion Ratio Lower Upper  
106 100  
91 216.6 106.5 319.5



#70  
Styrene  
Concen: 19.487 ug/l  
RT: 11.981 min Scan# 1683  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion:104 Resp: 132698  
Ion Ratio Lower Upper  
104 100  
78 50.9 39.2 58.8  
103 53.5 43.8 65.6





#71

Bromoform

Concen: 18.849 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY021104.D

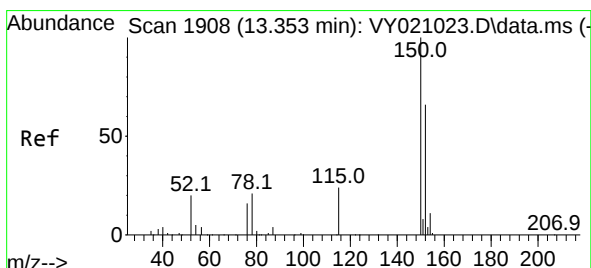
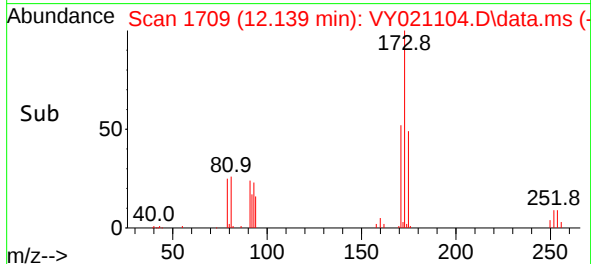
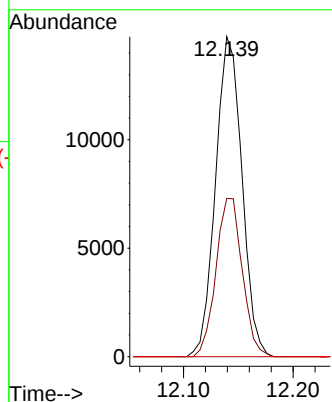
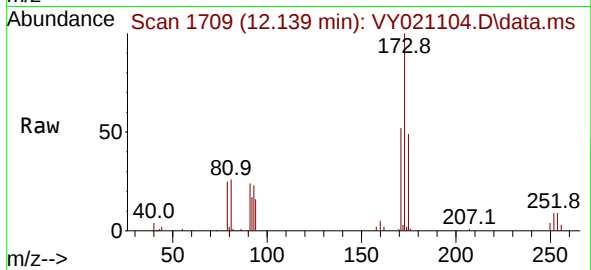
Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 24694     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 49.4  | 23.5 70.6 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

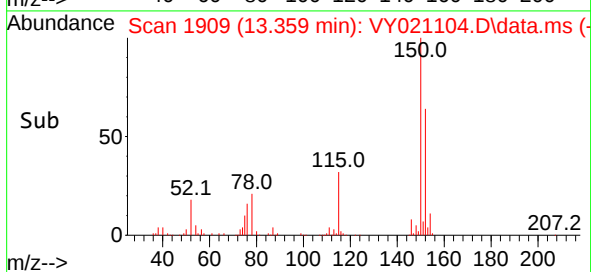
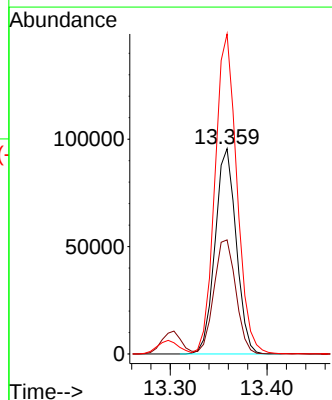
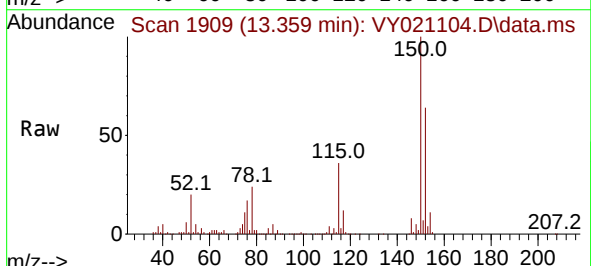
RT: 13.359 min Scan# 1909

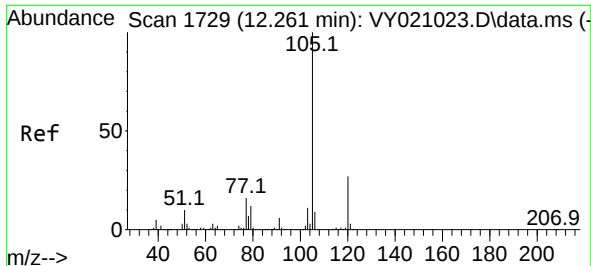
Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 144911    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 57.6  | 30.0 90.0 |
| 150         | 161.8 | 0.0 344.6 |

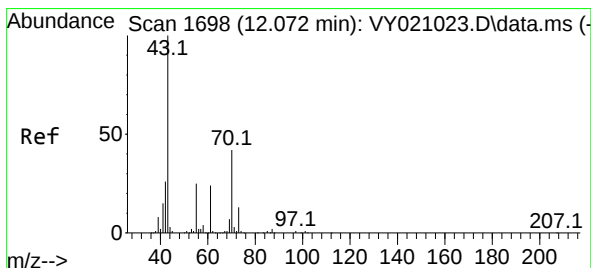
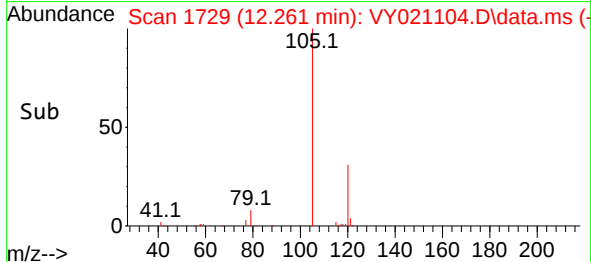
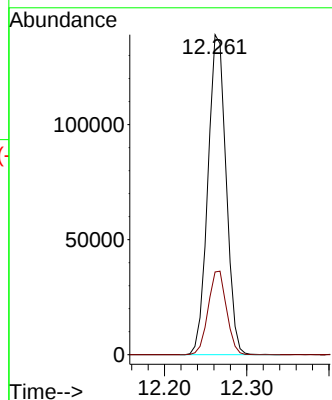
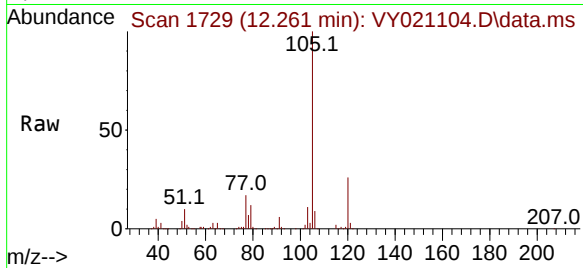




#73  
Isopropylbenzene  
Concen: 18.890 ug/l  
RT: 12.261 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

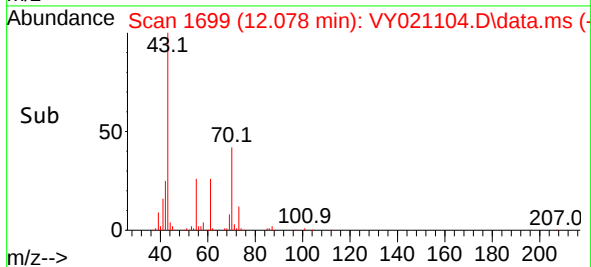
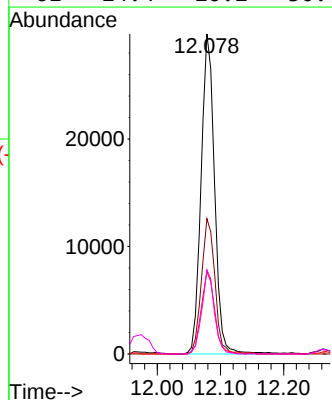
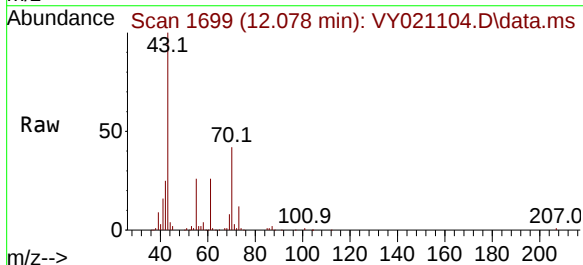
Instrument :  
MSVOA\_Y  
ClientSampleId :

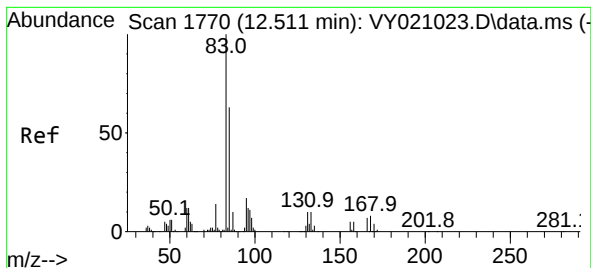
Tgt Ion:105 Resp: 213827  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.0 39.0



#74  
N-ethyl acetate  
Concen: 17.913 ug/l  
RT: 12.078 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 43 Resp: 44332  
Ion Ratio Lower Upper  
43 100  
70 42.2 36.6 55.0  
55 25.6 22.2 33.4  
61 24.4 20.2 30.4

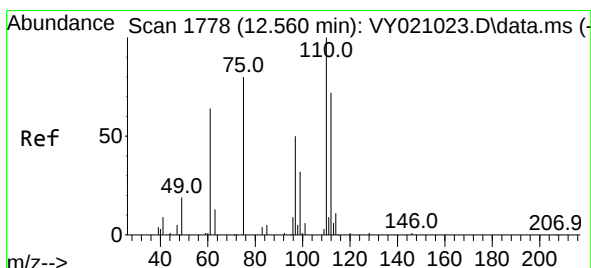
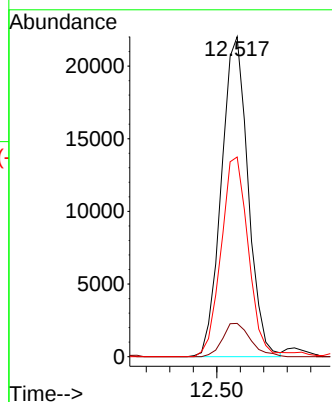
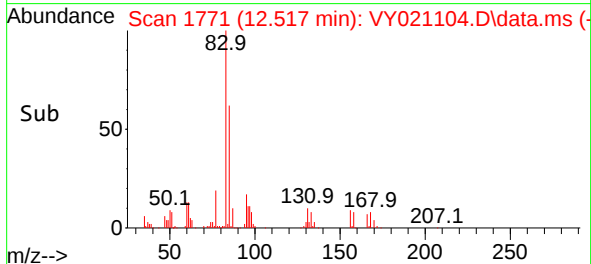
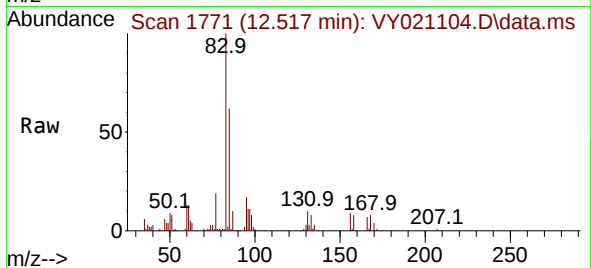




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.438 ug/l  
RT: 12.517 min Scan# 1771  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

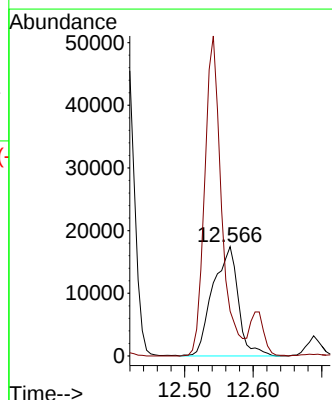
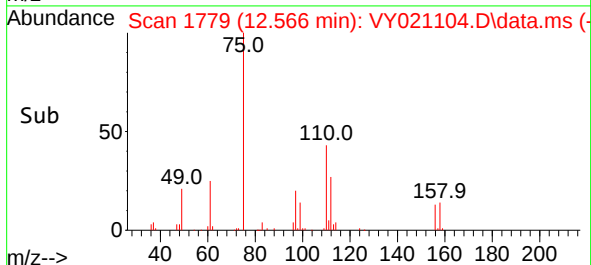
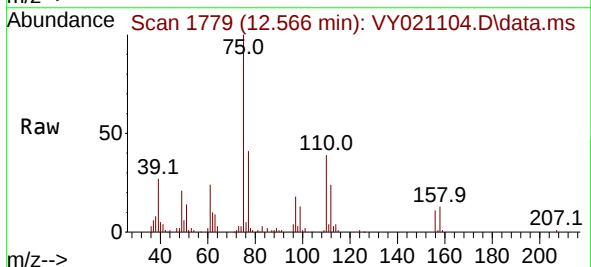
Instrument :  
MSVOA\_Y  
ClientSampleId :

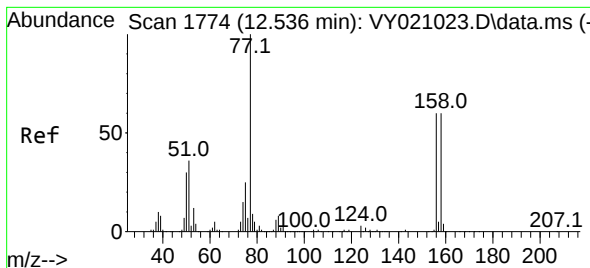
Tgt Ion: 83 Resp: 34711  
Ion Ratio Lower Upper  
83 100  
131 11.0 4.9 14.6  
85 63.8 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 34.202 ug/l  
RT: 12.566 min Scan# 1779  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 75 Resp: 44959  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.545 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

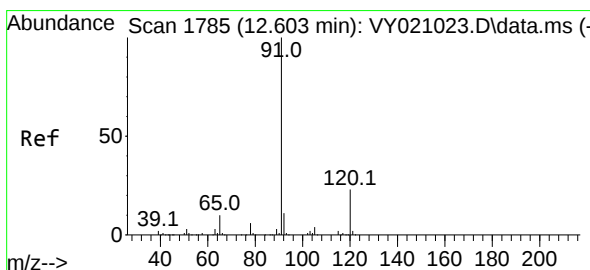
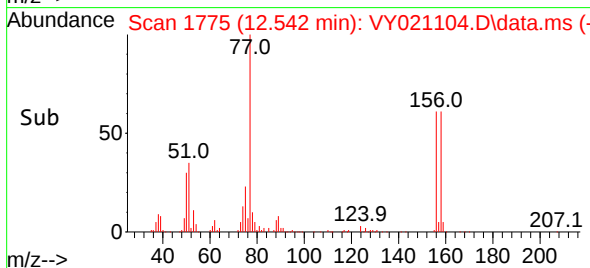
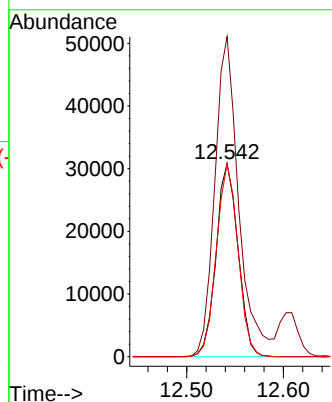
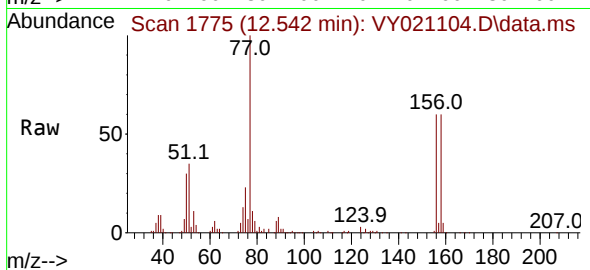
Tgt Ion:156 Resp: 48442

Ion Ratio Lower Upper

156 100

77 179.8 97.3 291.8

158 98.4 48.4 145.0



#78

n-propylbenzene

Concen: 19.067 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021104.D

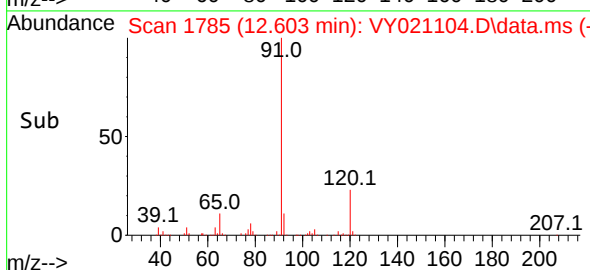
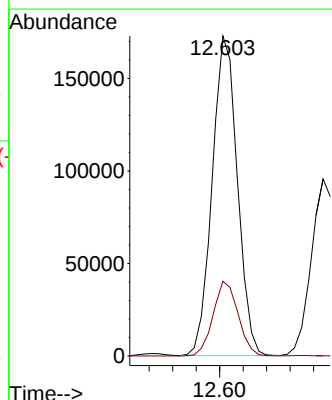
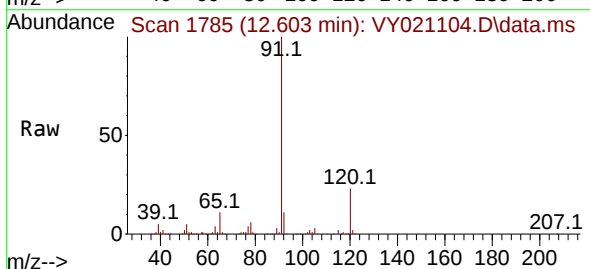
Acq: 06 Feb 2025 10:51

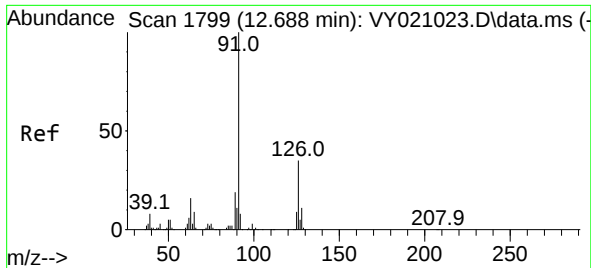
Tgt Ion: 91 Resp: 257110

Ion Ratio Lower Upper

91 100

120 23.2 11.0 33.0

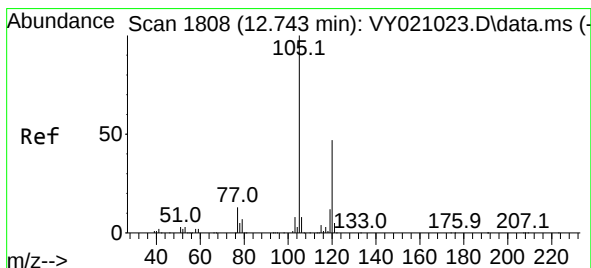
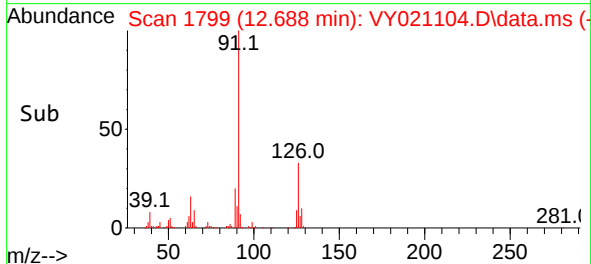
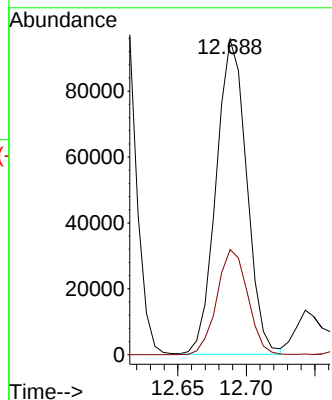
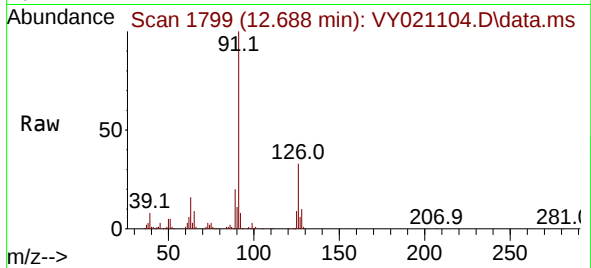




#79  
2-Chlorotoluene  
Concen: 19.170 ug/l  
RT: 12.688 min Scan# 1799  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

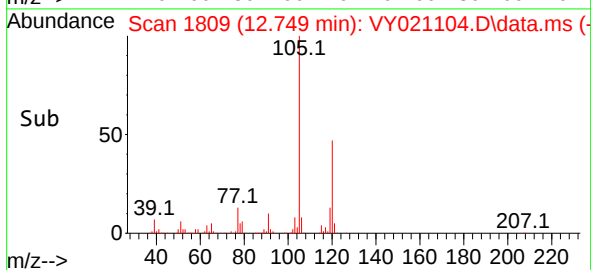
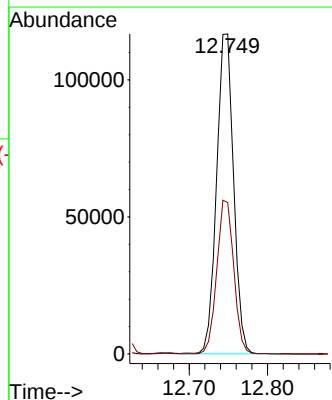
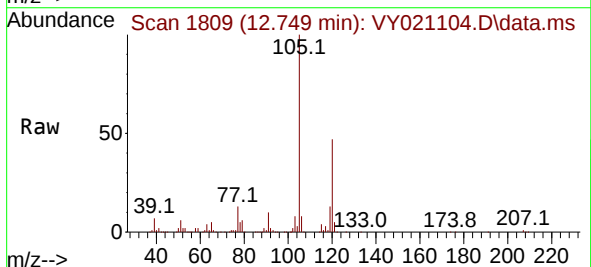
Instrument :  
MSVOA\_Y  
ClientSampleId :

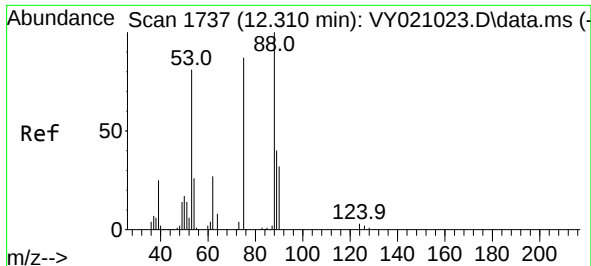
Tgt Ion: 91 Resp: 148048  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 19.168 ug/l  
RT: 12.749 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 105 Resp: 175912  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.3 72.8

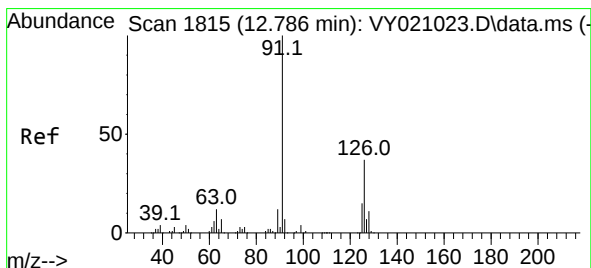
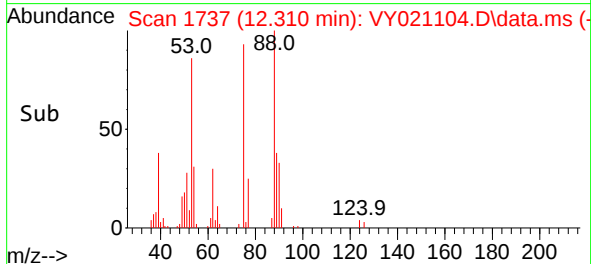
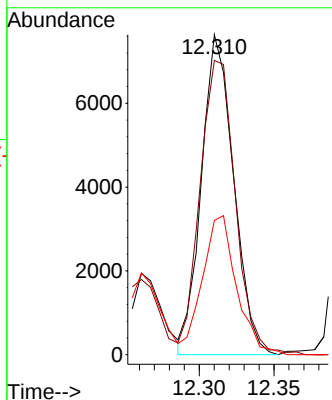
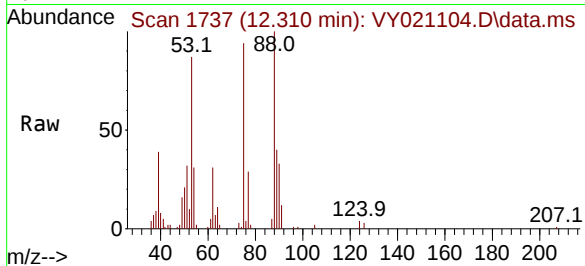




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.749 ug/l  
RT: 12.310 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

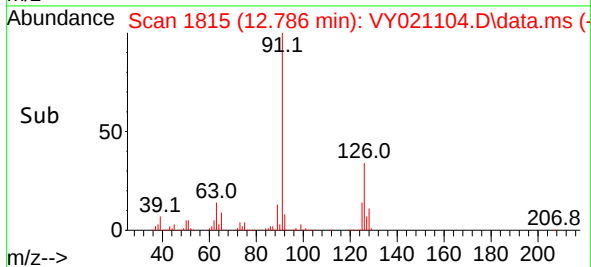
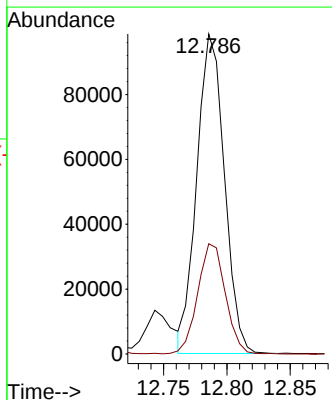
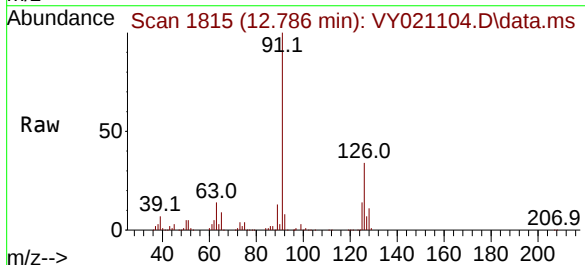
Instrument :  
MSVOA\_Y  
ClientSampleId :

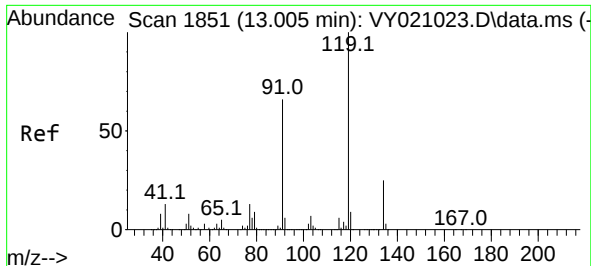
Tgt Ion: 75 Resp: 11434  
Ion Ratio Lower Upper  
75 100  
53 100.7 74.0 111.0  
89 46.2 36.5 54.7



#82  
4-Chlorotoluene  
Concen: 19.007 ug/l  
RT: 12.786 min Scan# 1815  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion: 91 Resp: 149561  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.1 51.2

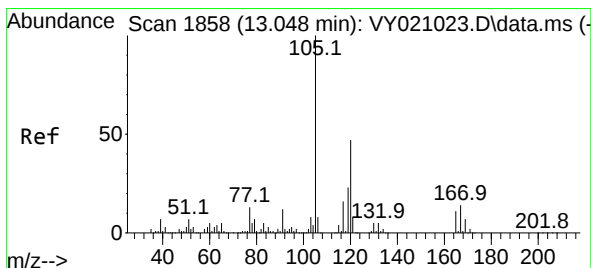
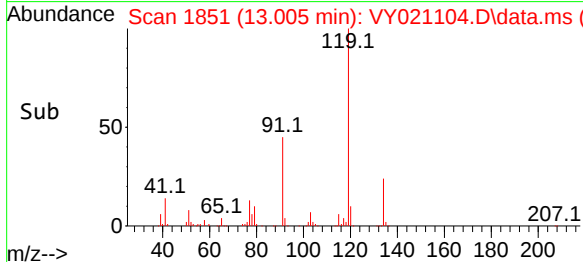
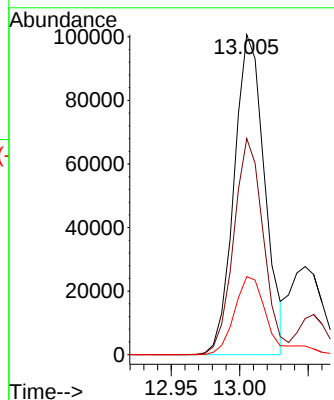
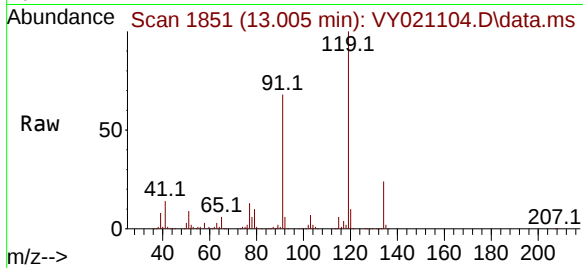




#83  
tert-Butylbenzene  
Concen: 18.753 ug/l  
RT: 13.005 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

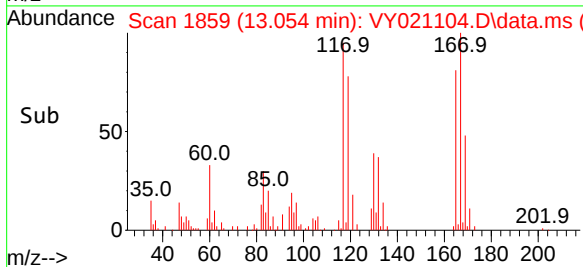
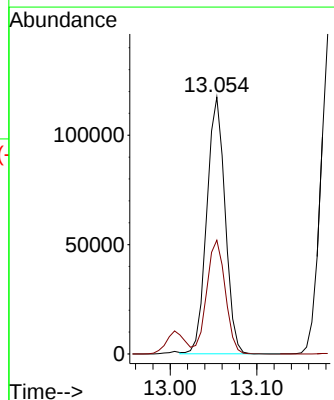
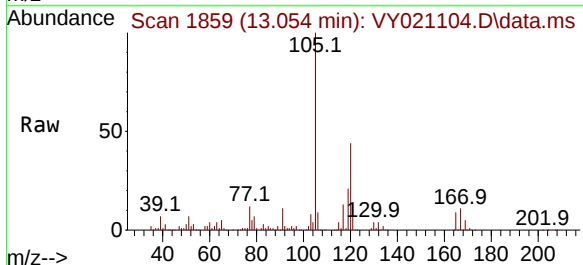
Instrument :  
MSVOA\_Y  
ClientSampleId :

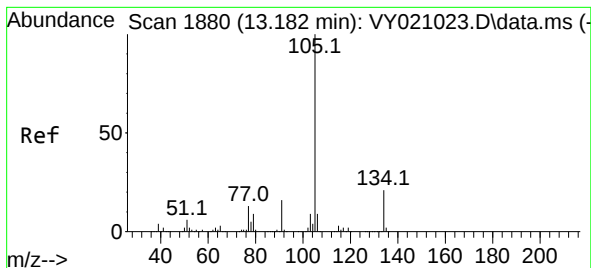
Tgt Ion:119 Resp: 156433  
Ion Ratio Lower Upper  
119 100  
91 65.9 31.5 94.5  
134 26.8 13.1 39.3



#84  
1,2,4-Trimethylbenzene  
Concen: 19.175 ug/l  
RT: 13.054 min Scan# 1859  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion:105 Resp: 172065  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.303 ug/l

RT: 13.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

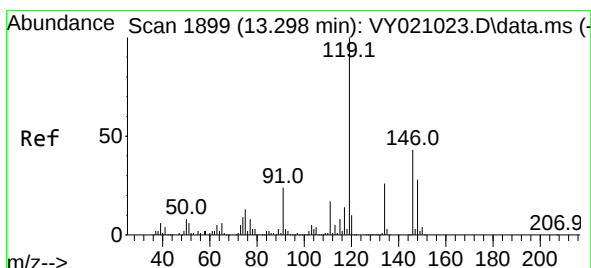
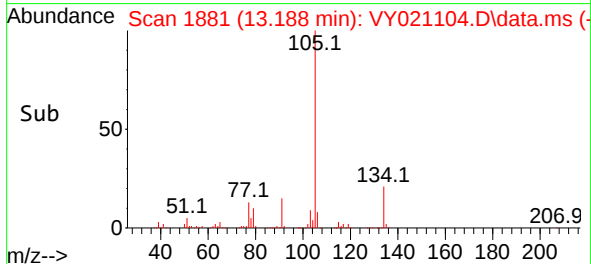
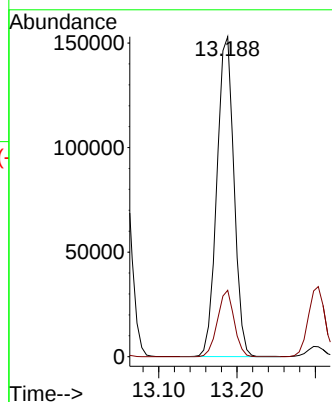
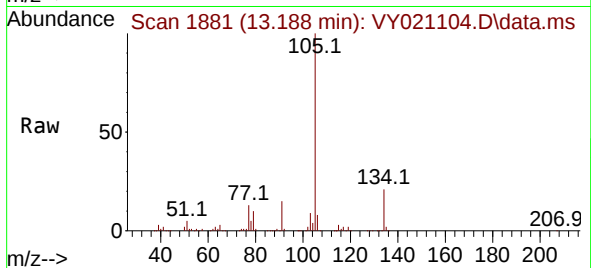
ClientSampleId :

Tgt Ion:105 Resp: 231786

Ion Ratio Lower Upper

105 100

134 20.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.151 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

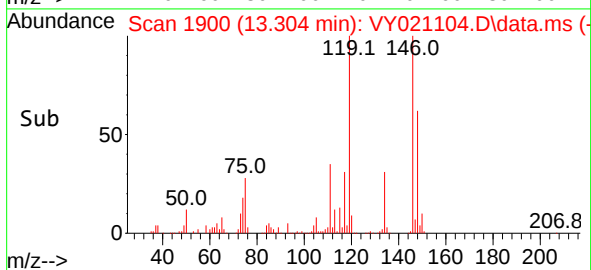
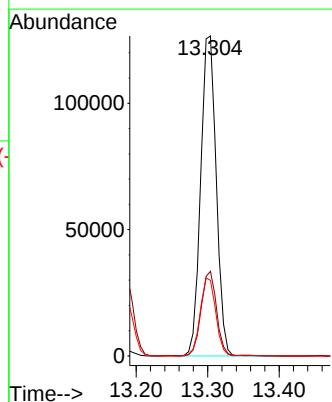
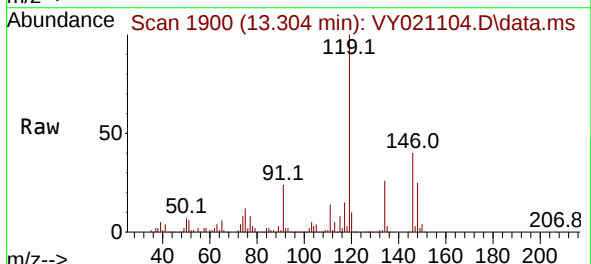
Tgt Ion:119 Resp: 191033

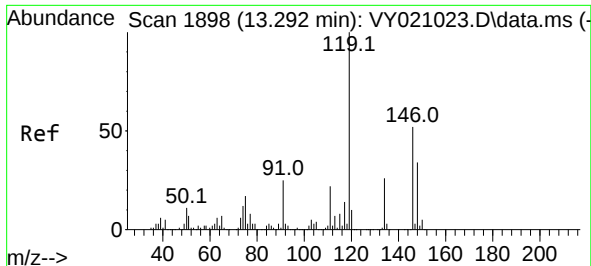
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.3 11.7 35.0

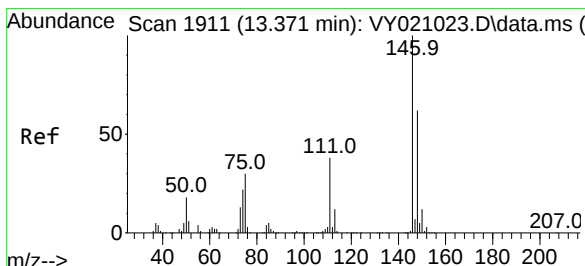
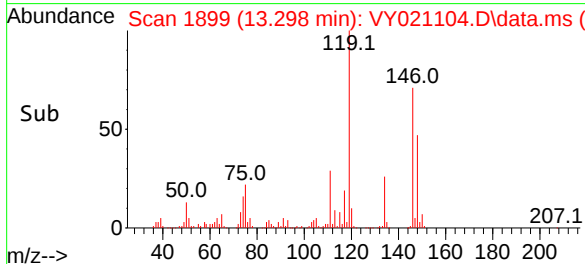
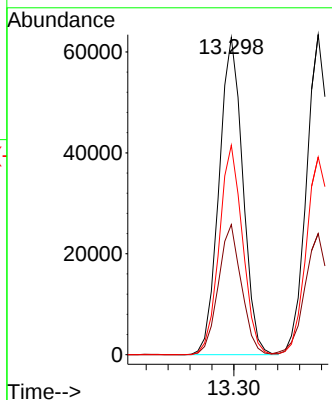
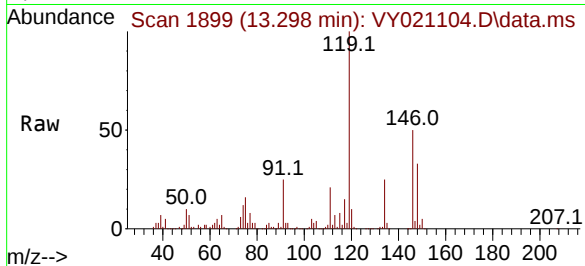




#87  
 1,3-Dichlorobenzene  
 Concen: 18.774 ug/l  
 RT: 13.298 min Scan# 1898  
 Delta R.T. 0.006 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

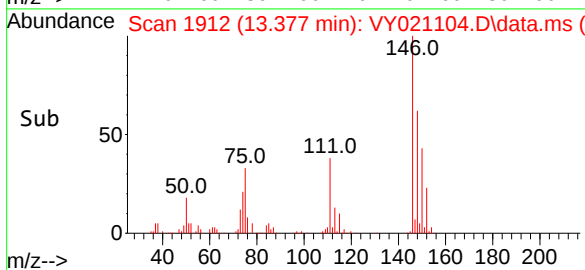
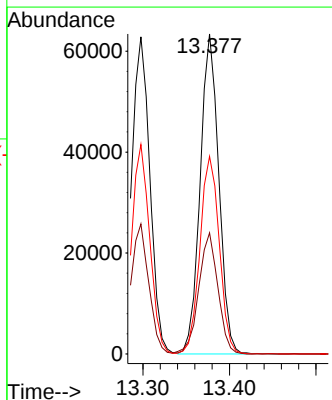
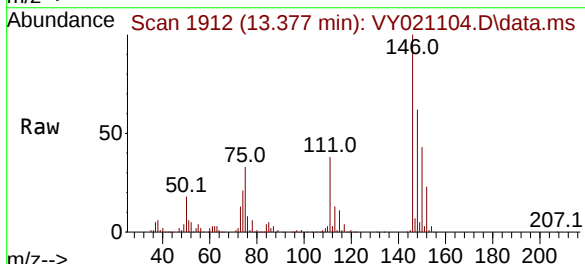
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

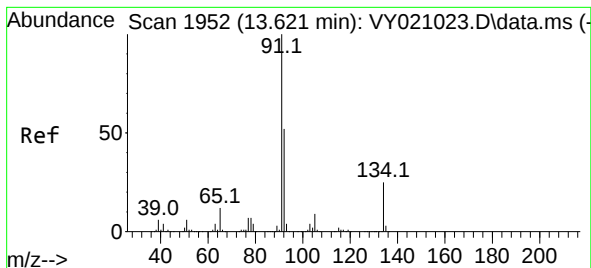
Tgt Ion:146 Resp: 94692  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 20.2 60.5  
 148 64.8 31.9 95.9



#88  
 1,4-Dichlorobenzene  
 Concen: 19.102 ug/l  
 RT: 13.377 min Scan# 1912  
 Delta R.T. 0.006 min  
 Lab File: VY021104.D  
 Acq: 06 Feb 2025 10:51

Tgt Ion:146 Resp: 94865  
 Ion Ratio Lower Upper  
 146 100  
 111 39.0 19.3 57.9  
 148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 19.028 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

MSVOA\_Y

ClientSampleId :

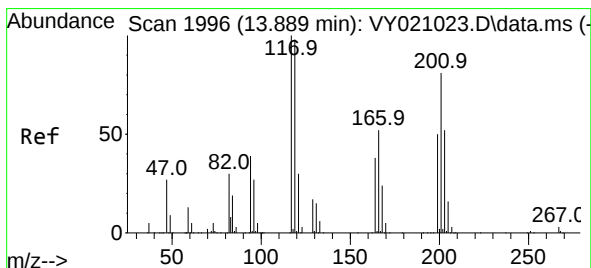
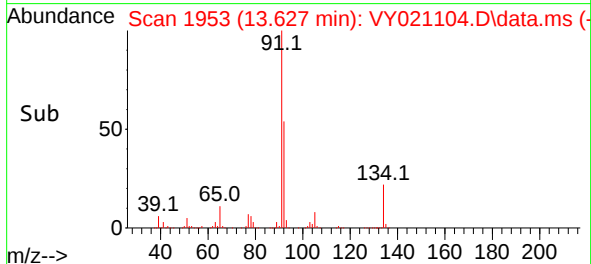
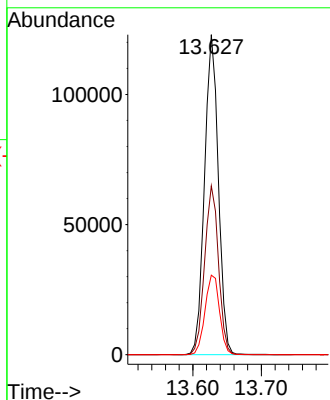
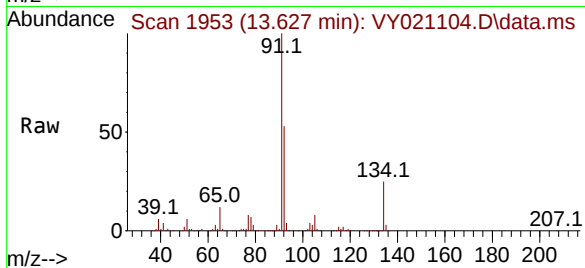
Tgt Ion: 91 Resp: 173154

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 26.1 12.3 36.8



#90

Hexachloroethane

Concen: 18.944 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021104.D

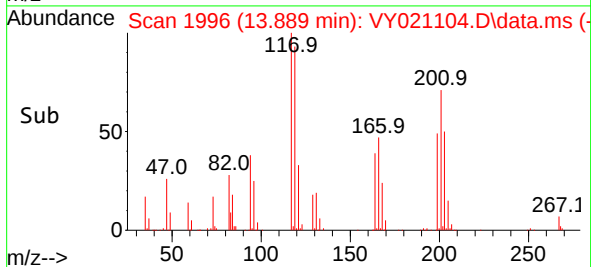
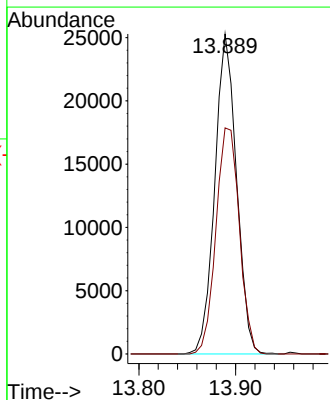
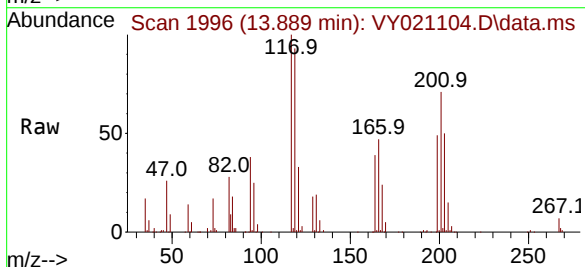
Acq: 06 Feb 2025 10:51

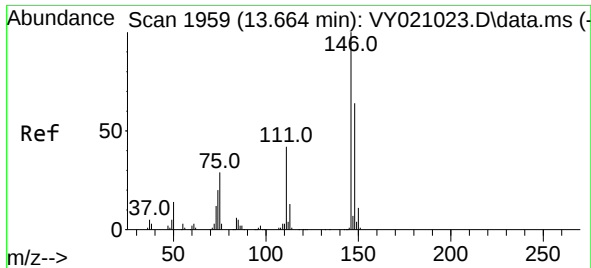
Tgt Ion: 117 Resp: 39420

Ion Ratio Lower Upper

117 100

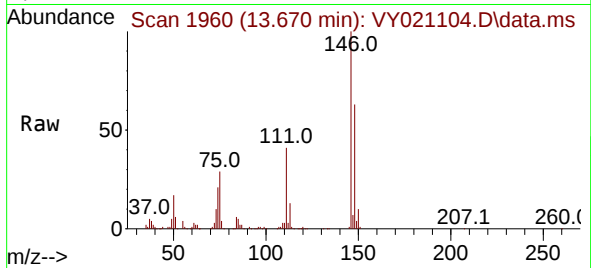
201 76.0 33.4 100.1



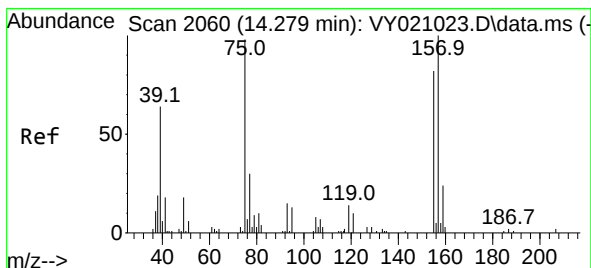
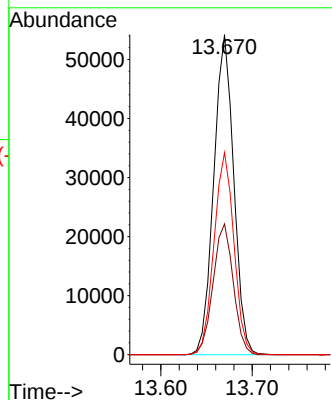
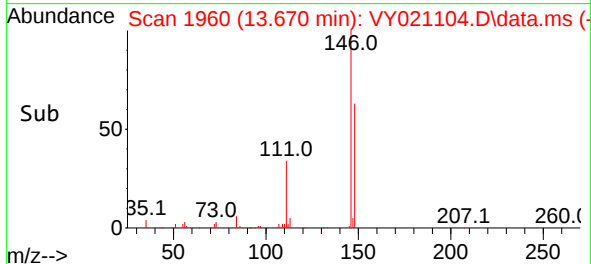


#91  
1,2-Dichlorobenzene  
Concen: 18.803 ug/l  
RT: 13.670 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

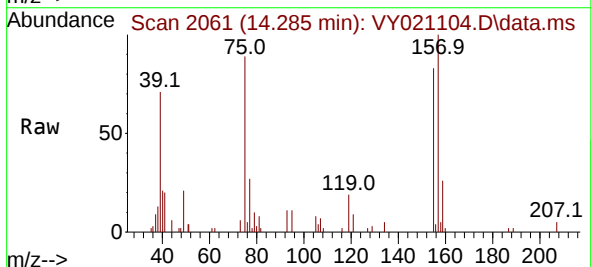
Instrument :  
MSVOA\_Y  
ClientSampleId :



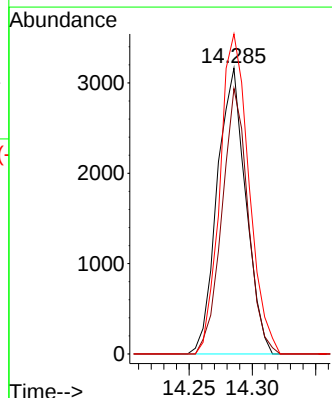
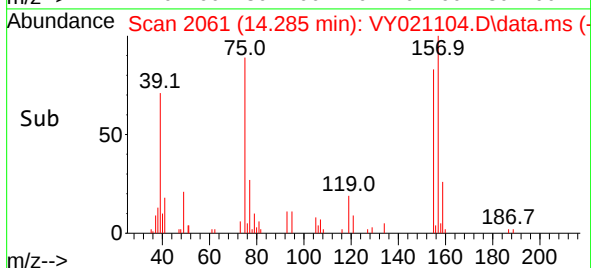
Tgt Ion:146 Resp: 82314  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.5 61.6  
148 63.1 31.4 94.3

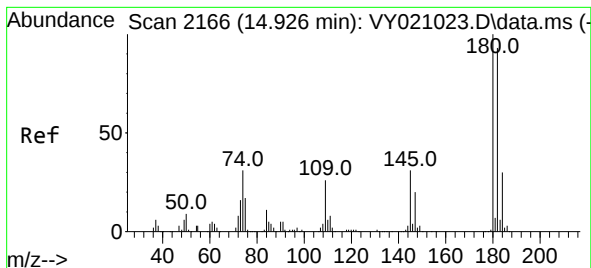


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.681 ug/l  
RT: 14.285 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51



Tgt Ion: 75 Resp: 4974  
Ion Ratio Lower Upper  
75 100  
155 84.6 42.1 126.3  
157 113.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.631 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

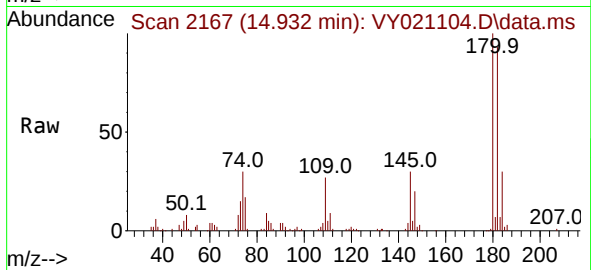
Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Instrument :

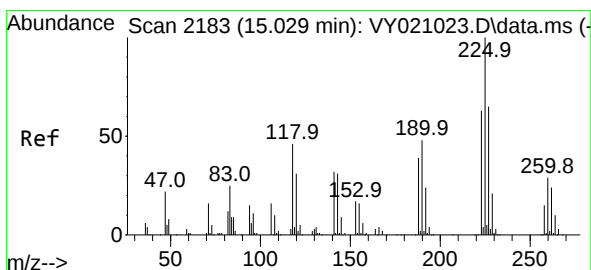
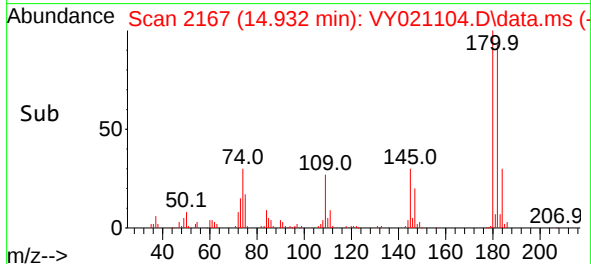
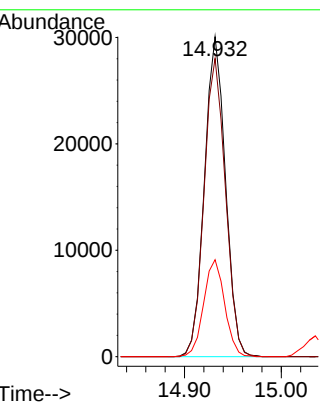
MSVOA\_Y

ClientSampleId :



Tgt Ion:180 Resp: 45400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.6  | 47.9  | 143.7 |
| 145 | 30.2  | 15.9  | 47.7  |



#94

Hexachlorobutadiene

Concen: 19.306 ug/l

RT: 15.035 min Scan# 2184

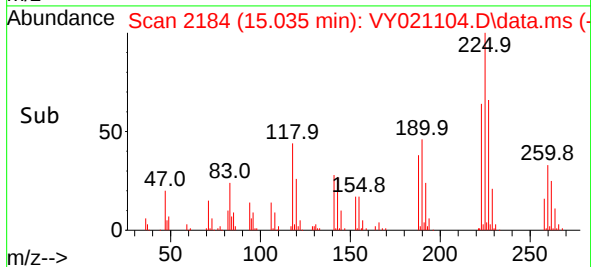
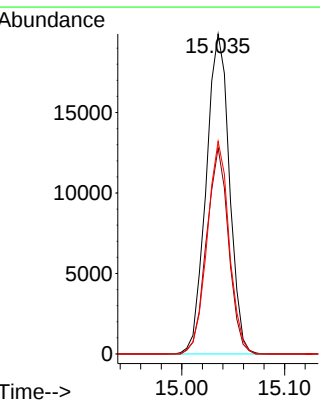
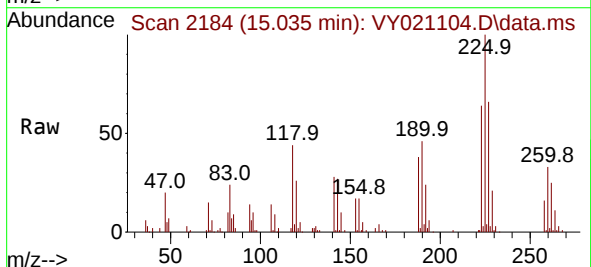
Delta R.T. 0.006 min

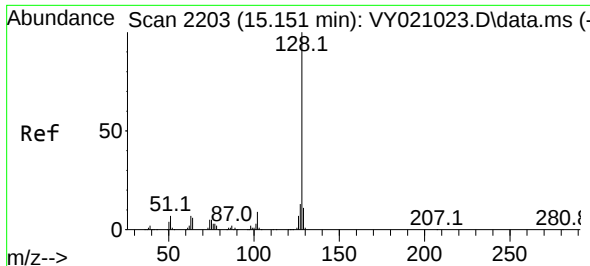
Lab File: VY021104.D

Acq: 06 Feb 2025 10:51

Tgt Ion:225 Resp: 31175

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.0  | 31.4  | 94.3  |
| 227 | 63.0  | 32.3  | 96.8  |

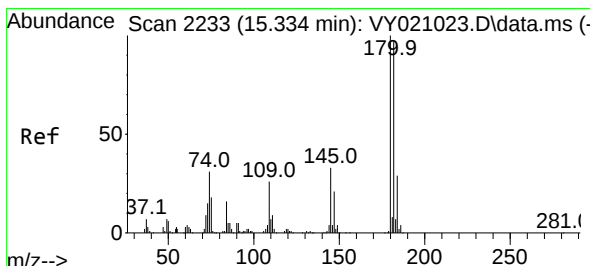
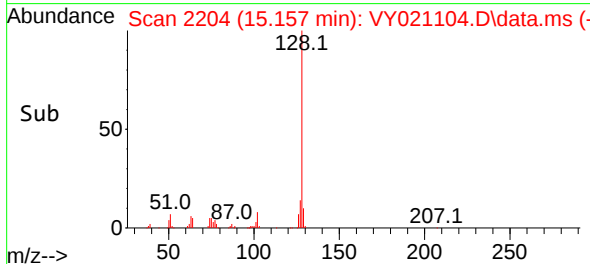
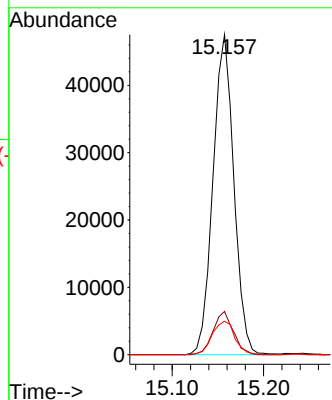
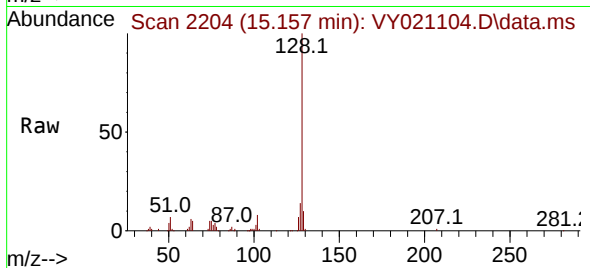




#95  
Naphthalene  
Concen: 19.323 ug/l  
RT: 15.157 min Scan# 2203  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 75331  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.4  
129 11.4 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 18.507 ug/l  
RT: 15.340 min Scan# 2234  
Delta R.T. 0.006 min  
Lab File: VY021104.D  
Acq: 06 Feb 2025 10:51

Tgt Ion:180 Resp: 37529  
Ion Ratio Lower Upper  
180 100  
182 97.0 46.3 138.8  
145 34.0 16.1 48.2

