

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052325\  
 Data File : VY022410.D  
 Acq On : 23 May 2025 16:50  
 Operator : SY/MD  
 Sample : VY0523SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0523SBSD01

Quant Time: May 23 23:21:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051525S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 16 01:42:09 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 215942   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.622  | 114  | 364015   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 310108   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.353 | 152  | 143885   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 121751   | 51.588   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 103.180% |      |
| 35) Dibromofluoromethane    | 7.640  | 113   | 111647   | 51.387   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 102.780% |      |
| 50) Toluene-d8              | 10.109 | 98    | 456658   | 51.320   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 102.640% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 133958   | 47.495   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 95.000%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 44615  | 19.800  | ug/l   | 99  |
| 3) Chloromethane             | 2.068 | 50  | 113910 | 24.032  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.202 | 62  | 133332 | 25.178  | ug/l   | 98  |
| 5) Bromomethane              | 2.598 | 94  | 160681 | 37.273  | ug/l   | 95  |
| 6) Chloroethane              | 2.733 | 64  | 102143 | 31.004  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.050 | 101 | 136307 | 25.423  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.458 | 74  | 26914  | 20.917  | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 50721  | 21.791  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.007 | 142 | 50233  | 18.646  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 4.885 | 59  | 19053  | 105.720 | ug/l # | 100 |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 45905  | 19.874  | ug/l   | 96  |
| 13) Acrolein                 | 3.665 | 56  | 14554  | 55.240  | ug/l   | 97  |
| 14) Allyl chloride           | 4.385 | 41  | 68849  | 16.999  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.067 | 53  | 53397  | 100.714 | ug/l   | 98  |
| 16) Acetone                  | 3.885 | 43  | 51609  | 116.624 | ug/l   | 92  |
| 17) Carbon Disulfide         | 4.110 | 76  | 145040 | 19.256  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.391 | 43  | 23571  | 16.894  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 128547 | 20.183  | ug/l   | 94  |
| 20) Methylene Chloride       | 4.616 | 84  | 55034  | 19.246  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 51046  | 20.021  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.025 | 45  | 154423 | 18.055  | ug/l   | 95  |
| 23) Vinyl Acetate            | 5.964 | 43  | 478913 | 92.684  | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 93240  | 19.513  | ug/l   | 98  |
| 25) 2-Butanone               | 6.909 | 43  | 75621  | 102.161 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 82698  | 19.458  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 60410  | 20.533  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.250 | 49  | 39080  | 19.174  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.274 | 42  | 46494  | 97.632  | ug/l   | 93  |
| 30) Chloroform               | 7.427 | 83  | 91951  | 20.062  | ug/l   | 98  |
| 31) Cyclohexane              | 7.707 | 56  | 91262  | 19.115  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 82971  | 19.732  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.841 | 75  | 70261  | 19.634  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.994 | 43  | 33678  | 19.559  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 72463  | 19.562  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.116 | 83  | 95930  | 19.953  | ug/l   | 95  |
| 40) Benzene                  | 8.085 | 78  | 206176 | 19.434  | ug/l   | 98  |

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 Sample : VY0523SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0523SBSD01

Quant Time: May 23 23:21:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051525S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 16 01:42:09 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 16022    | 14.028  | ug/l # | 71       |
| 42) 1,2-Dichloroethane        | 8.164  | 62   | 56227    | 19.599  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 69023    | 18.381  | ug/l # | 84       |
| 44) Trichloroethene           | 8.866  | 130  | 53777    | 20.387  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 48654    | 19.023  | ug/l   | 99       |
| 46) Dibromomethane            | 9.237  | 93   | 27615    | 20.018  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.426  | 83   | 70365    | 19.662  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.225  | 41   | 30525    | 17.382  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.244  | 88   | 6552     | 420.419 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 172786   | 93.776  | ug/l   | 96       |
| 52) Toluene                   | 10.176 | 92   | 127157   | 18.928  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 65585    | 18.778  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 75996    | 18.992  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 36548    | 20.689  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.445 | 69   | 52121    | 18.941  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 61767    | 19.679  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 105296   | 85.253  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.762 | 43   | 117719   | 95.289  | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.914 | 129  | 44658    | 19.477  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 32889    | 19.976  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.652 | 164  | 56065    | 19.560  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.444 | 112  | 136439   | 19.502  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 45297    | 18.833  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.524 | 91   | 245943   | 18.770  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.633 | 106  | 186520   | 37.778  | ug/l   | 97       |
| 69) o-Xylene                  | 11.956 | 106  | 88111    | 18.862  | ug/l   | 97       |
| 70) Styrene                   | 11.975 | 104  | 146038   | 18.533  | ug/l   | 98       |
| 71) Bromoform                 | 12.133 | 173  | 24721    | 19.042  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 232709   | 19.522  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 61518    | 18.045  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83   | 38775    | 21.151  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 52974    | 36.341  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 49824    | 19.570  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.597 | 91   | 279878   | 19.466  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 149035   | 18.862  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 180541   | 18.763  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 13733    | 19.084  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 150359   | 18.501  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 163800   | 19.152  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.048 | 105  | 180298   | 18.876  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 250907   | 19.763  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 201925   | 18.911  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 98161    | 18.887  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146  | 95398    | 19.082  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.621 | 91   | 192901   | 19.096  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 40452    | 18.768  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 83346    | 19.092  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 5680     | 19.214  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 14.925 | 180  | 46528    | 18.451  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 25477    | 18.116  | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 91043    | 19.025  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 38757    | 18.117  | ug/l   | 100      |

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Data File : VY022410.D  
Acq On : 23 May 2025 16:50  
Operator : SY/MD  
Sample : VY0523SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

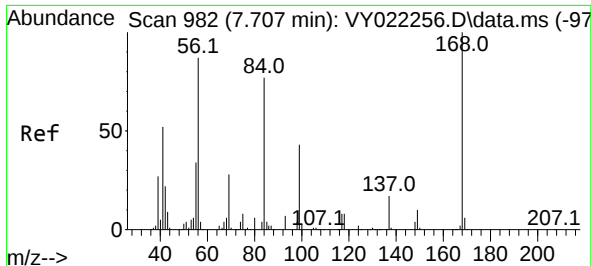
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

Quant Time: May 23 23:21:23 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051525S.M  
Quant Title : SW846 8260  
QLast Update : Fri May 16 01:42:09 2025  
Response via : Initial Calibration

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

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

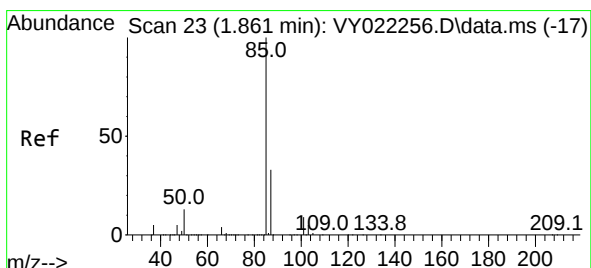
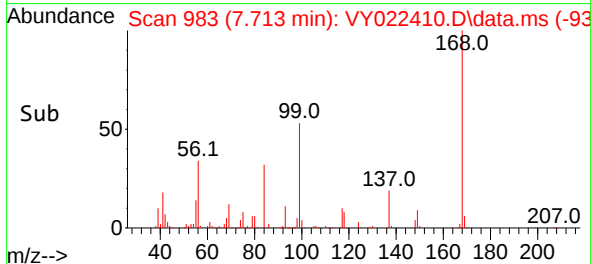
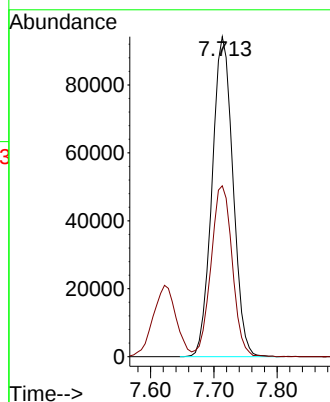
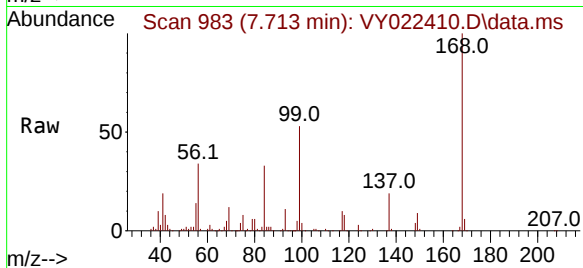




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

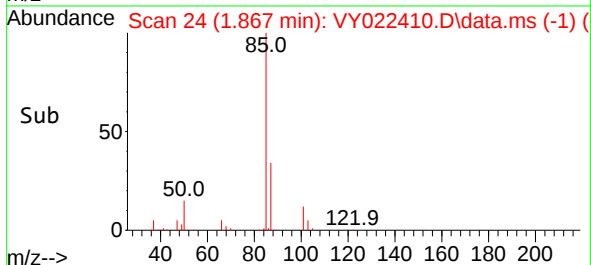
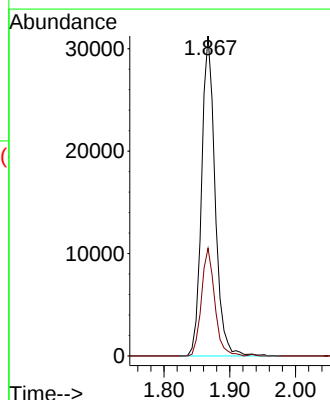
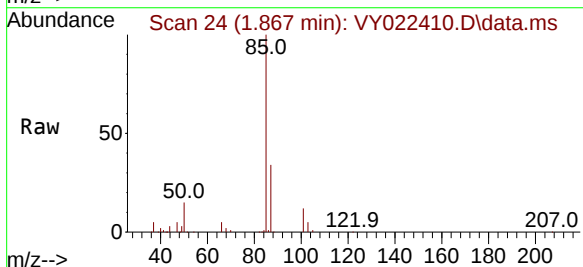
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

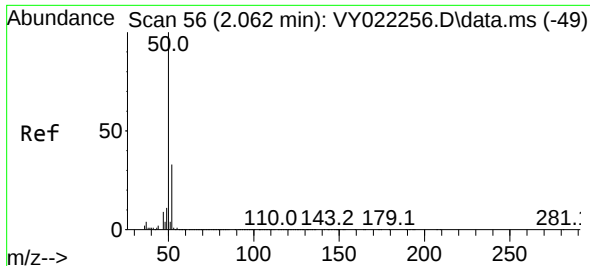
Tgt Ion:168 Resp: 215942  
Ion Ratio Lower Upper  
168 100  
99 53.3 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 19.800 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 85 Resp: 44615  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.5 49.5

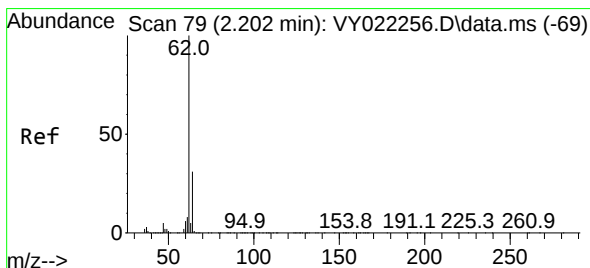
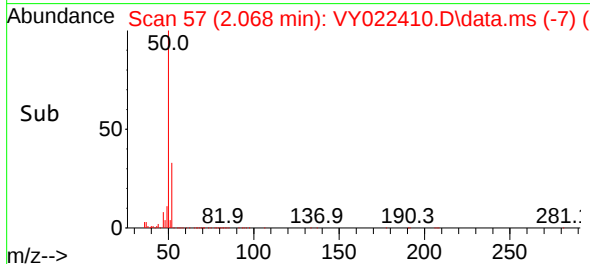
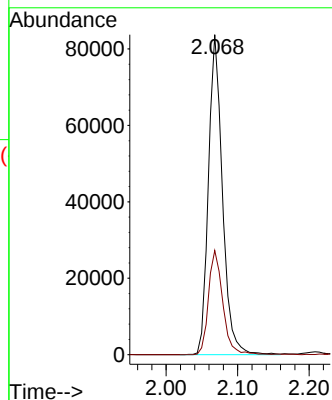
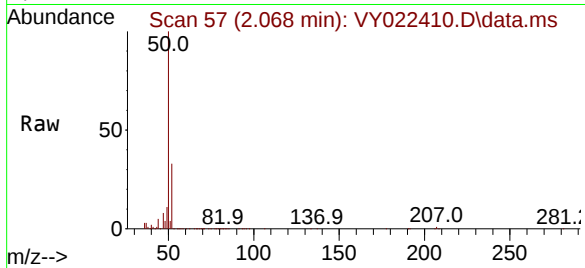




#3  
Chloromethane  
Concen: 24.032 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

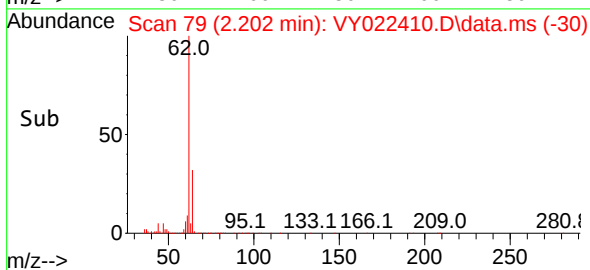
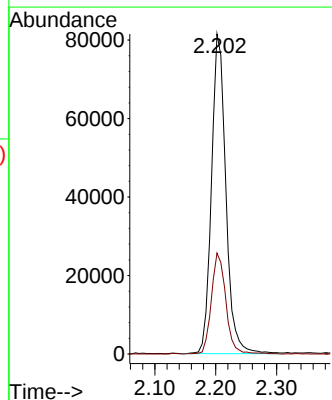
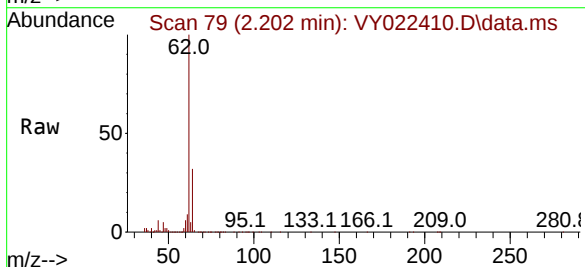
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

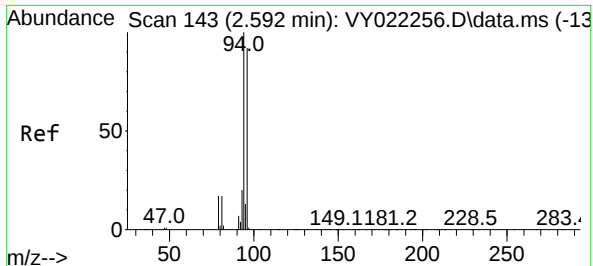
Tgt Ion: 50 Resp: 113910  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.5 39.7



#4  
Vinyl Chloride  
Concen: 25.178 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 62 Resp: 133332  
Ion Ratio Lower Upper  
62 100  
64 31.5 24.5 36.7

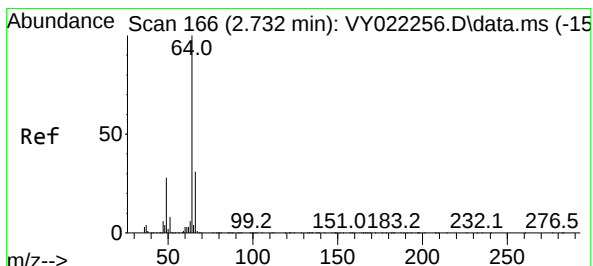
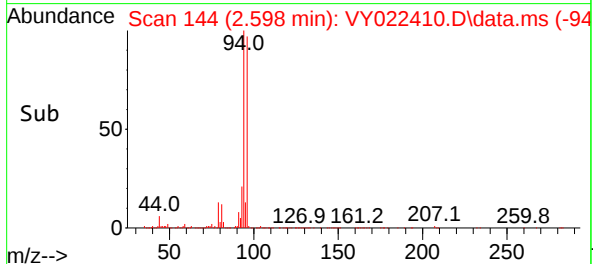
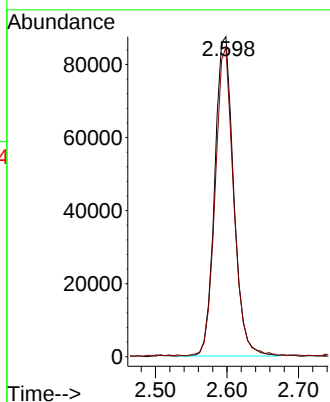
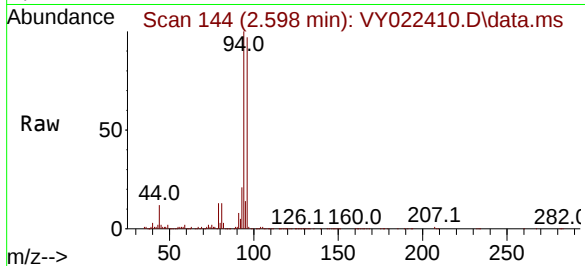




#5  
Bromomethane  
Concen: 37.273 ug/l  
RT: 2.598 min Scan# 143  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

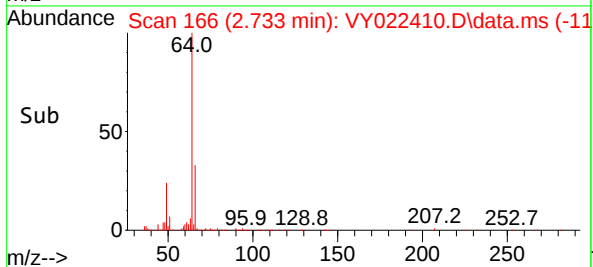
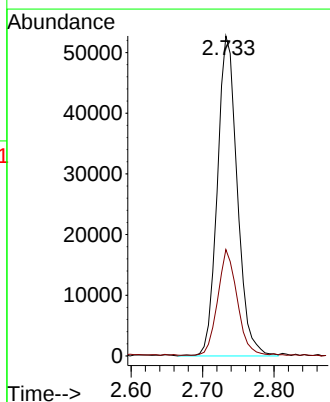
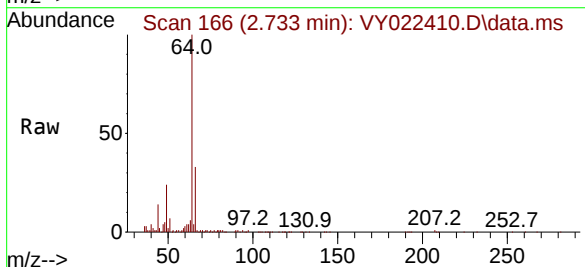
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

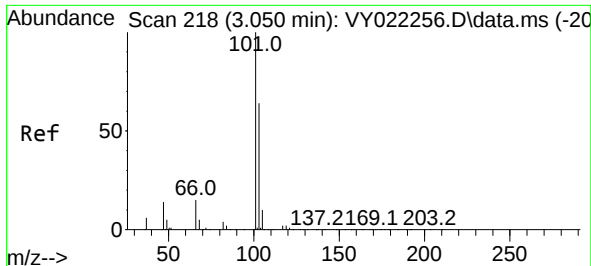
Tgt Ion: 94 Resp: 160681  
Ion Ratio Lower Upper  
94 100  
96 96.4 73.4 110.0



#6  
Chloroethane  
Concen: 31.004 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 64 Resp: 102143  
Ion Ratio Lower Upper  
64 100  
66 33.0 24.8 37.2

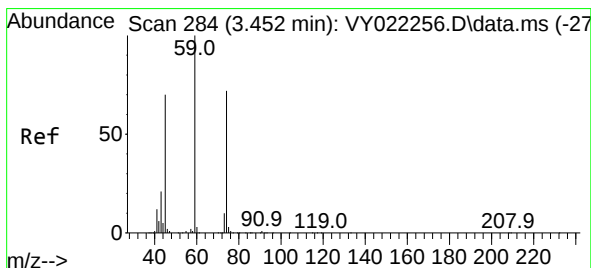
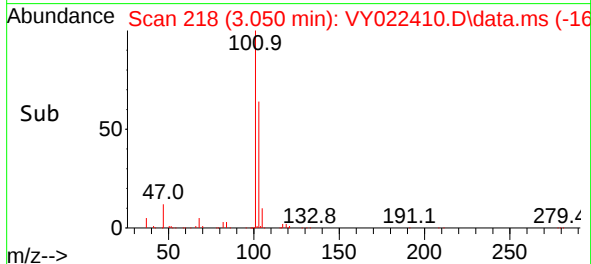
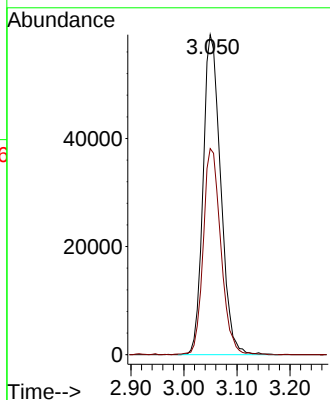
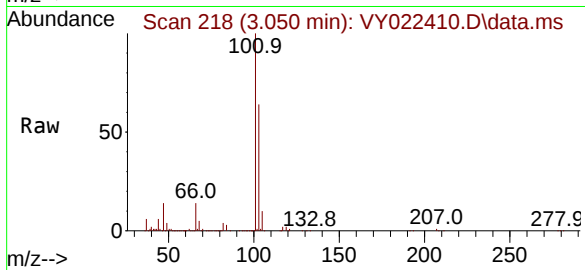




#7  
Trichlorofluoromethane  
Concen: 25.423 ug/l  
RT: 3.050 min Scan# 218  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

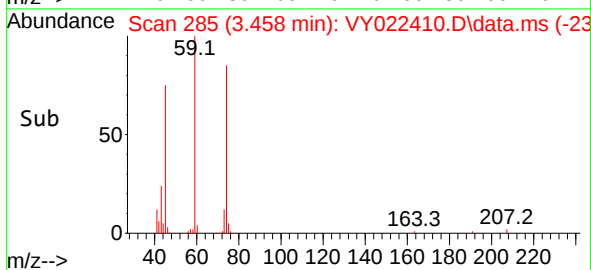
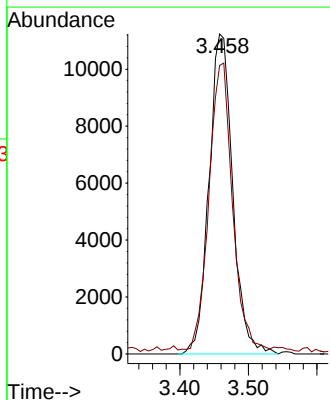
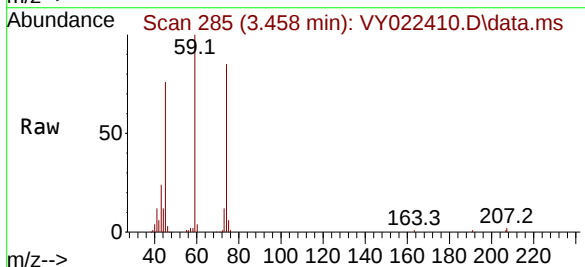
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

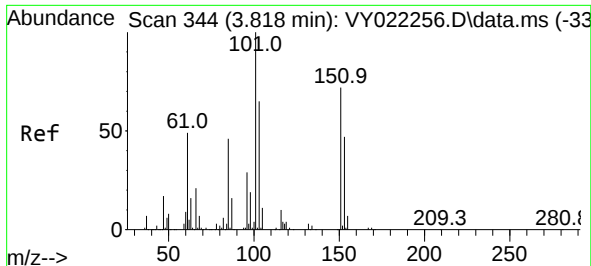
Tgt Ion:101 Resp: 136307  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.7 77.5



#8  
Diethyl Ether  
Concen: 20.917 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 74 Resp: 26914  
Ion Ratio Lower Upper  
74 100  
45 88.0 48.6 145.8

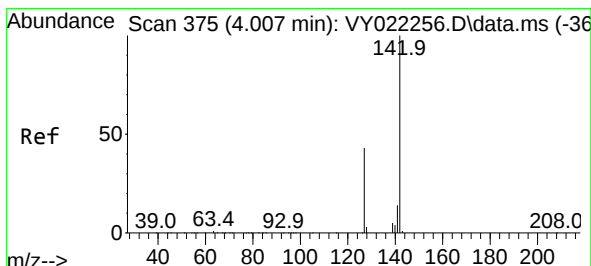
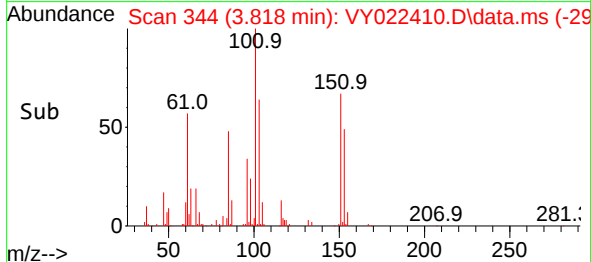
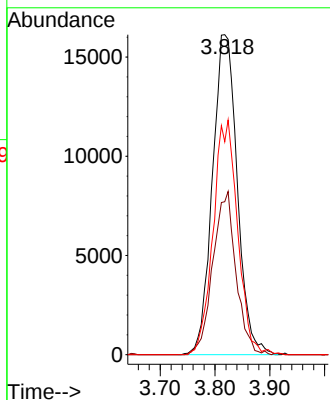
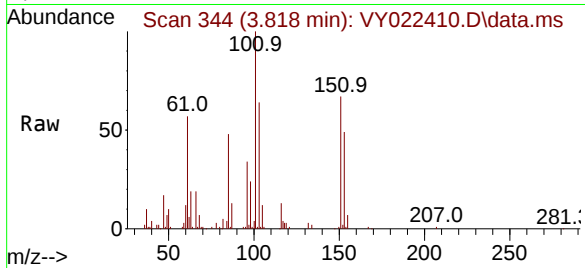




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.791 ug/l  
RT: 3.818 min Scan# 344  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

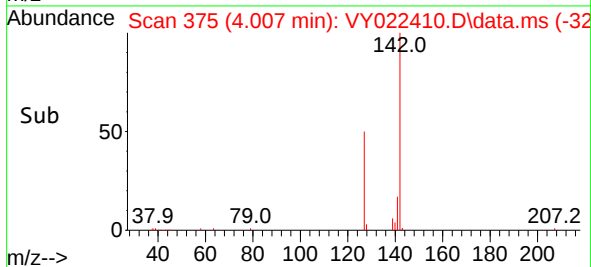
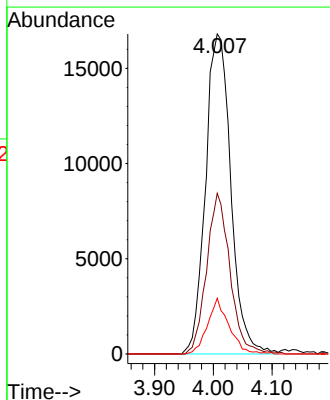
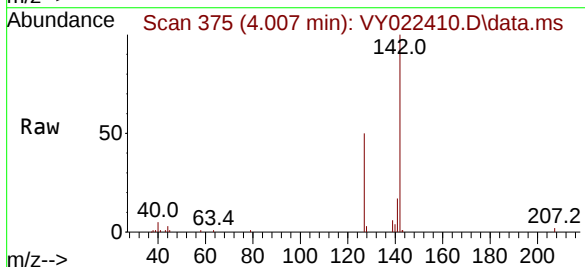
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

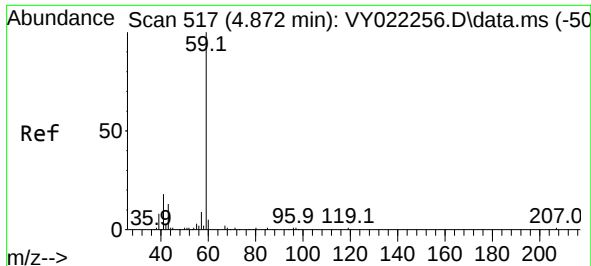
Tgt Ion:101 Resp: 50721  
Ion Ratio Lower Upper  
101 100  
85 47.6 38.6 58.0  
151 72.5 59.7 89.5



#10  
Methyl Iodide  
Concen: 18.646 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion:142 Resp: 50233  
Ion Ratio Lower Upper  
142 100  
127 46.5 35.7 53.5  
141 14.8 11.1 16.7

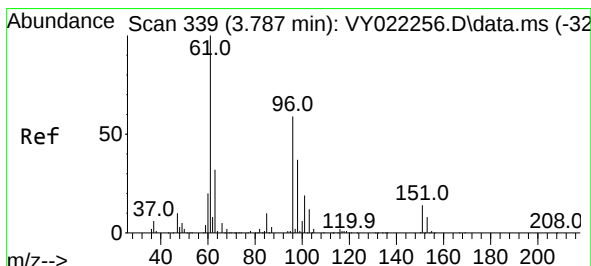
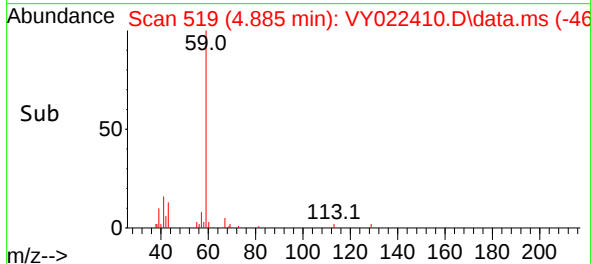
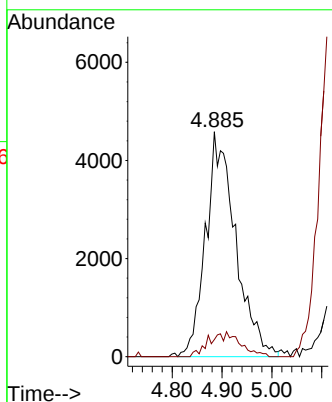
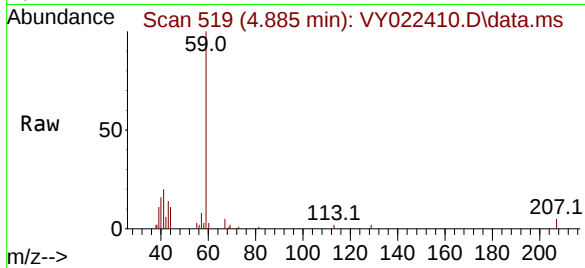




#11  
Tert butyl alcohol  
Concen: 105.720 ug/l  
RT: 4.885 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

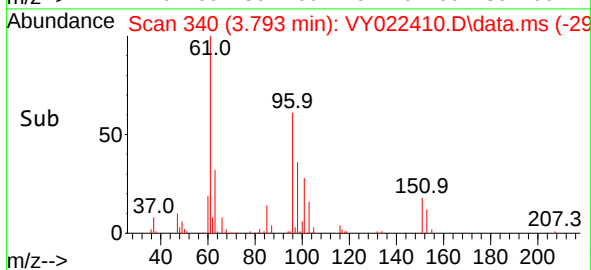
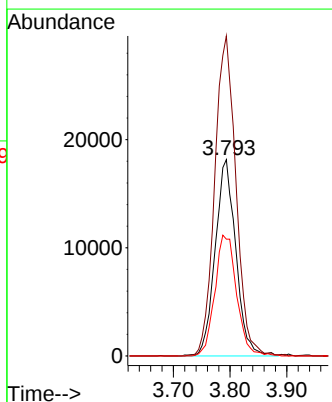
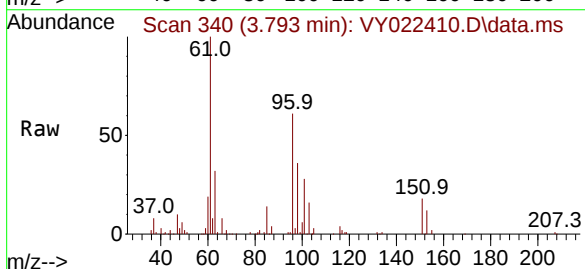
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBS01

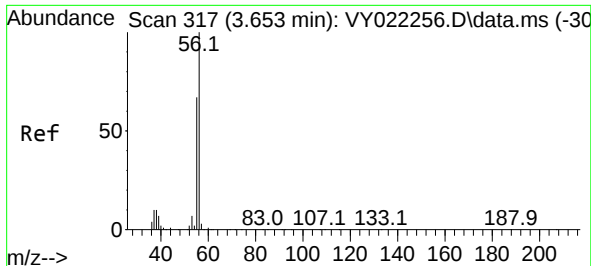
Tgt Ion: 59 Resp: 19053  
Ion Ratio Lower Upper  
59 100  
57 5.6 0.0 0.0#



#12  
1,1-Dichloroethene  
Concen: 19.874 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 96 Resp: 45905  
Ion Ratio Lower Upper  
96 100  
61 163.0 134.9 202.3  
98 59.5 49.9 74.9





#13

Acrolein

Concen: 55.240 ug/l

RT: 3.665 min Scan# 317

Delta R.T. 0.012 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

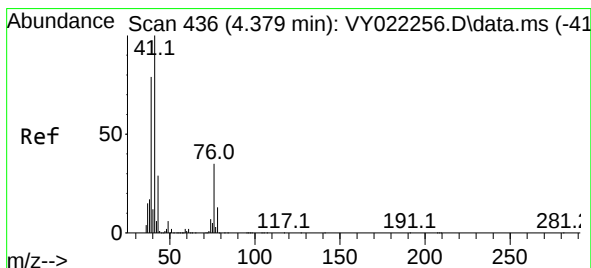
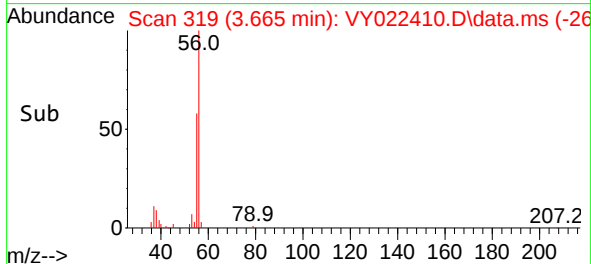
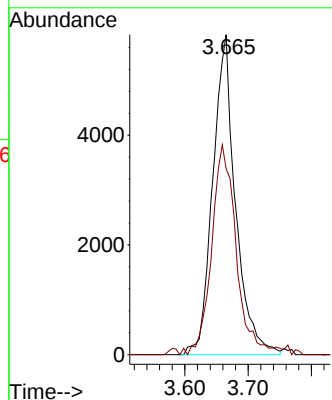
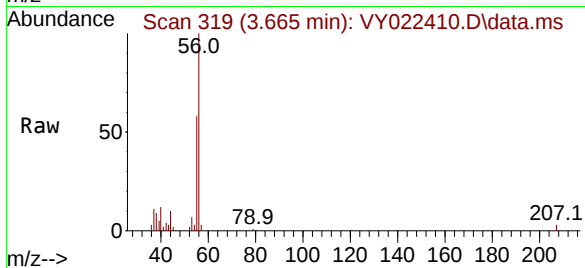
VY0523SBSD01

Tgt Ion: 56 Resp: 14554

Ion Ratio Lower Upper

56 100

55 71.8 55.6 83.4



#14

Allyl chloride

Concen: 16.999 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

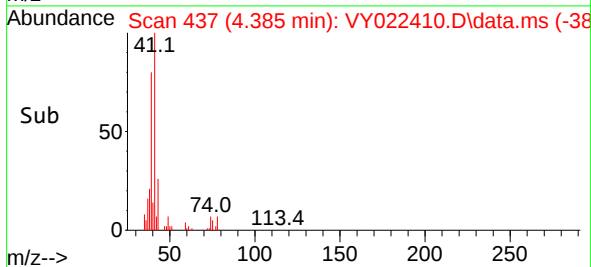
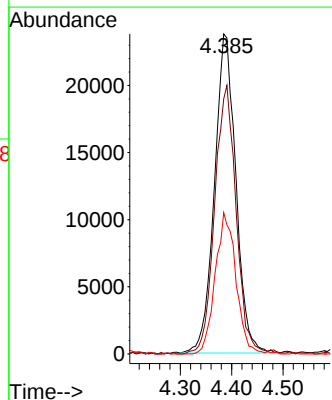
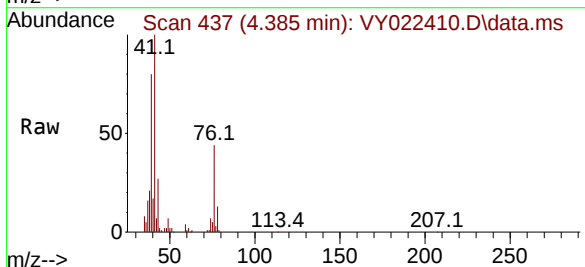
Tgt Ion: 41 Resp: 68849

Ion Ratio Lower Upper

41 100

39 84.0 63.4 95.0

76 42.9 29.5 44.3

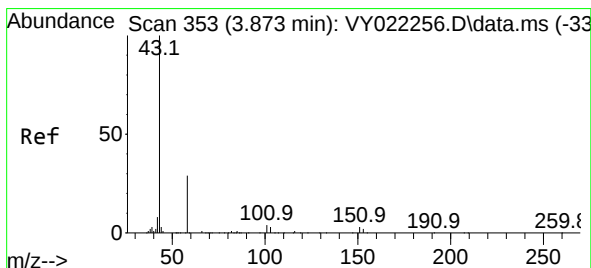
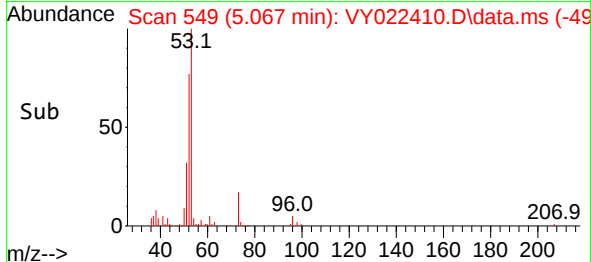
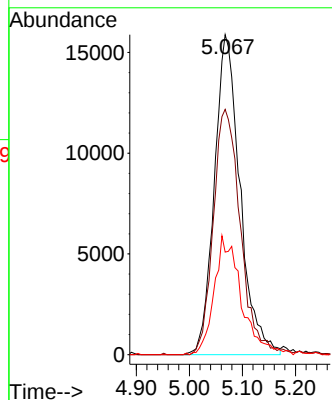
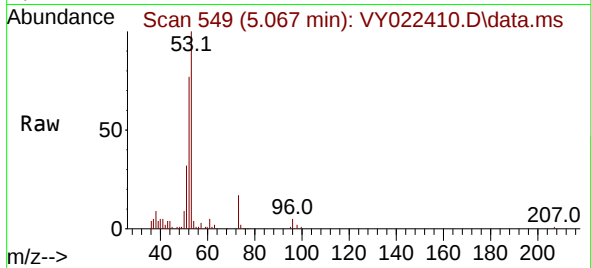




#15  
Acrylonitrile  
Concen: 100.714 ug/l  
RT: 5.067 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

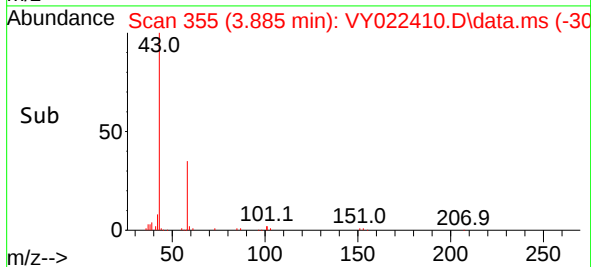
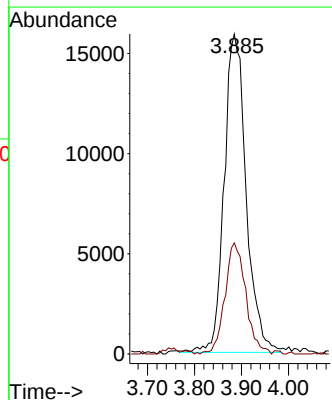
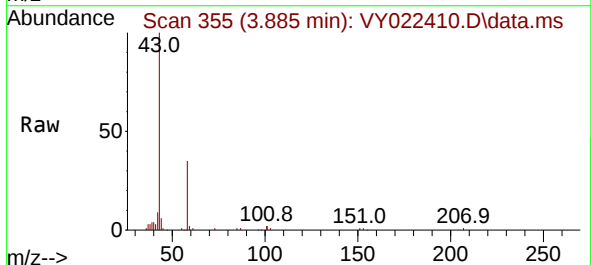
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

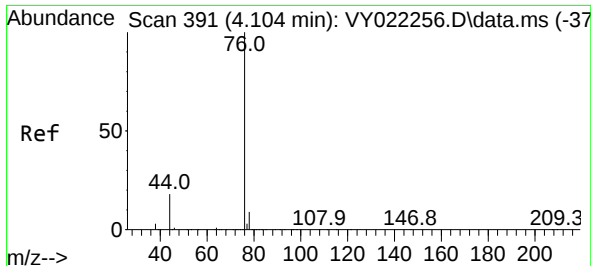
Tgt Ion: 53 Resp: 53397  
Ion Ratio Lower Upper  
53 100  
52 81.1 66.1 99.1  
51 39.2 30.0 45.0



#16  
Acetone  
Concen: 116.624 ug/l  
RT: 3.885 min Scan# 355  
Delta R.T. 0.012 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 43 Resp: 51609  
Ion Ratio Lower Upper  
43 100  
58 34.0 23.6 35.4

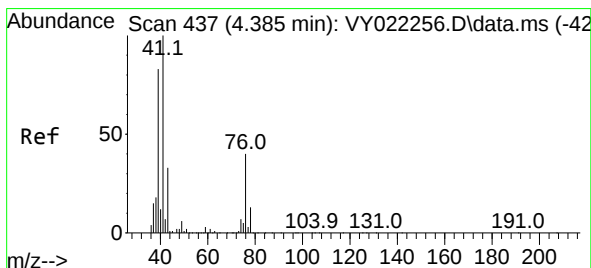
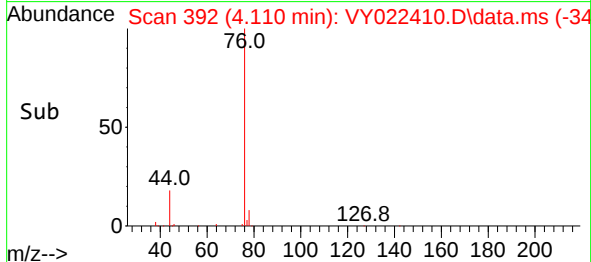
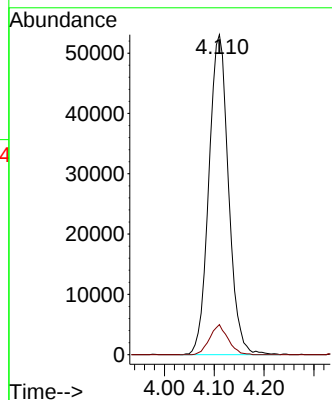
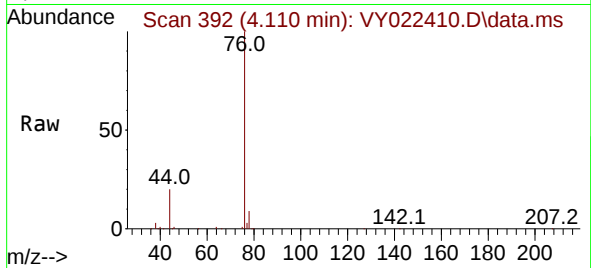




#17  
Carbon Disulfide  
Concen: 19.256 ug/l  
RT: 4.110 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

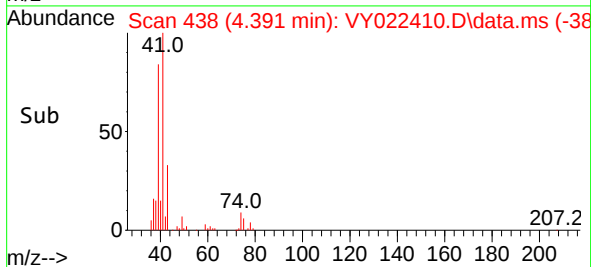
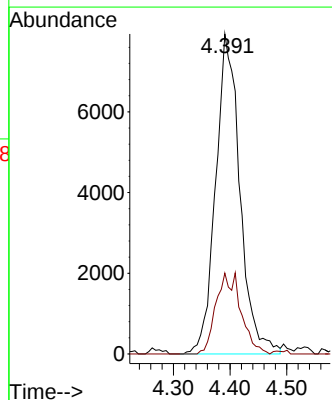
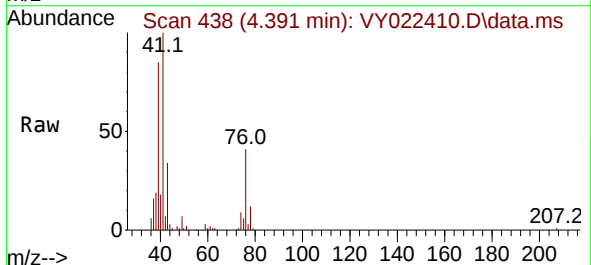
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

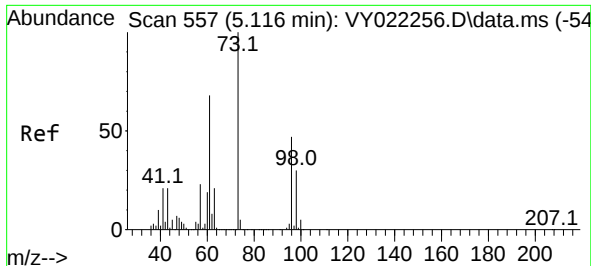
Tgt Ion: 76 Resp: 145040  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 16.894 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 43 Resp: 23571  
Ion Ratio Lower Upper  
43 100  
74 25.9 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.183 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

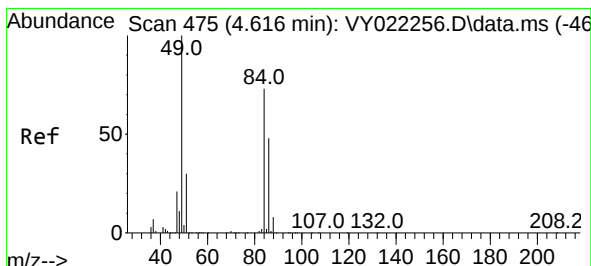
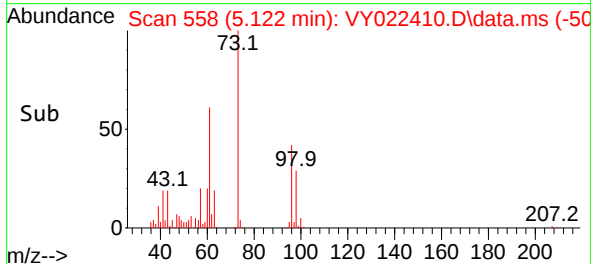
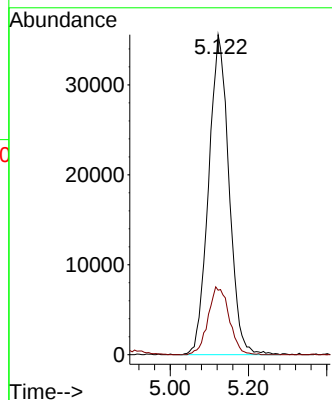
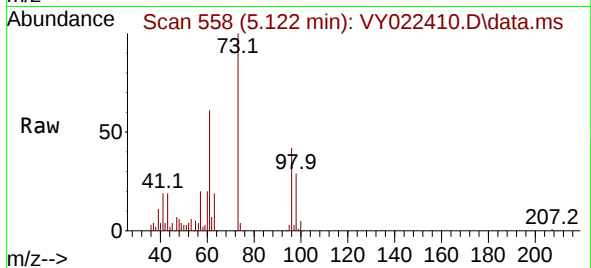
VY0523SBS01

Tgt Ion: 73 Resp: 128547

Ion Ratio Lower Upper

73 100

57 20.2 18.6 28.0



#20

Methylene Chloride

Concen: 19.246 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Tgt Ion: 84 Resp: 55034

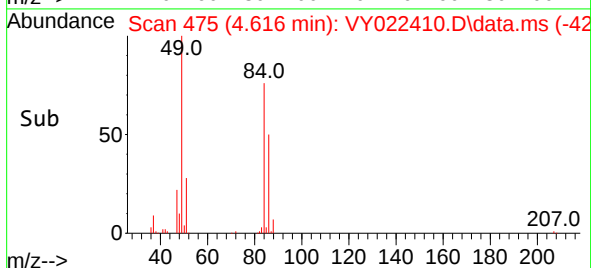
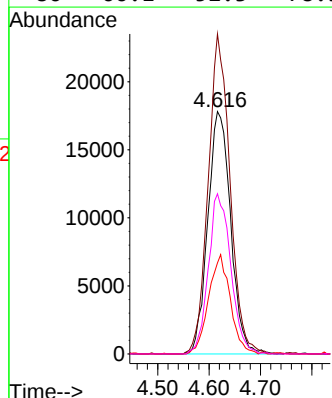
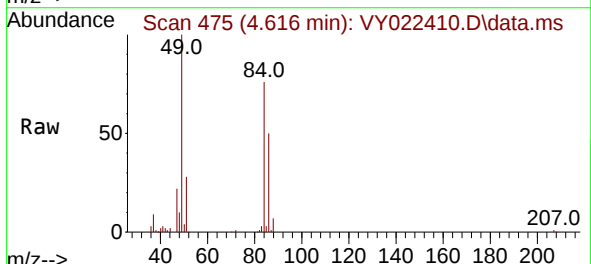
Ion Ratio Lower Upper

84 100

49 132.0 109.6 164.4

51 37.6 32.4 48.6

86 66.1 52.3 78.5

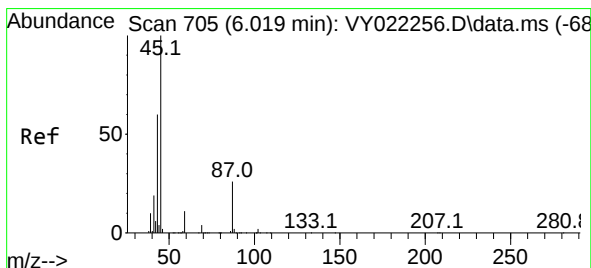
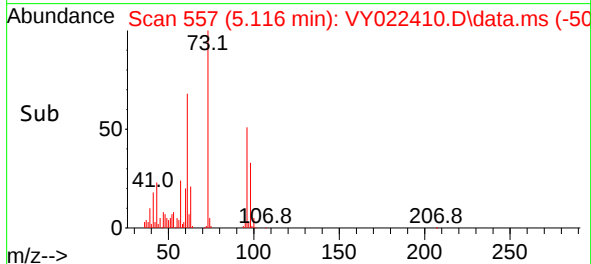
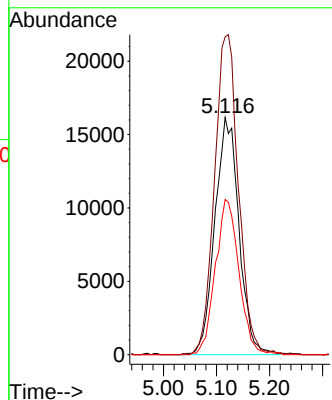
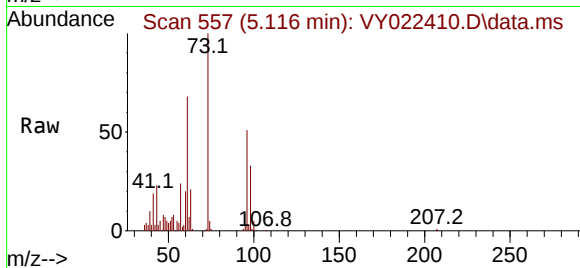




#21  
trans-1,2-Dichloroethene  
Concen: 20.021 ug/l  
RT: 5.116 min Scan# 510  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

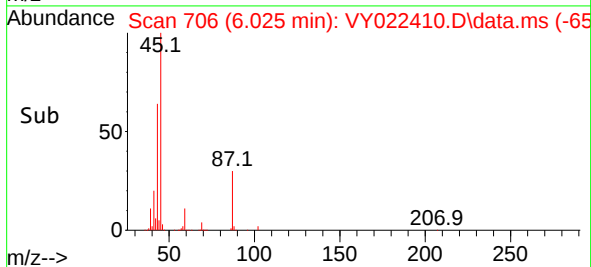
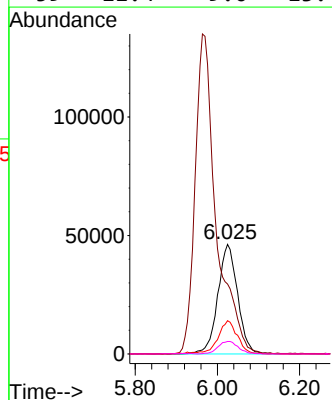
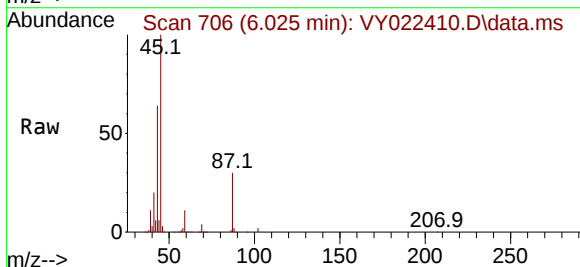
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

Tgt Ion: 96 Resp: 51046  
Ion Ratio Lower Upper  
96 100  
61 134.1 113.4 170.0  
98 65.5 50.9 76.3



#22  
Diisopropyl ether  
Concen: 18.055 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 45 Resp: 154423  
Ion Ratio Lower Upper  
45 100  
43 63.4 48.2 72.2  
87 30.4 21.4 32.0  
59 11.4 9.0 13.4

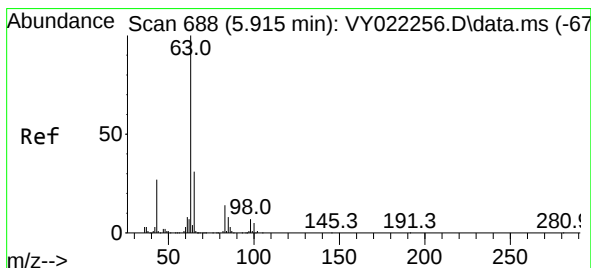
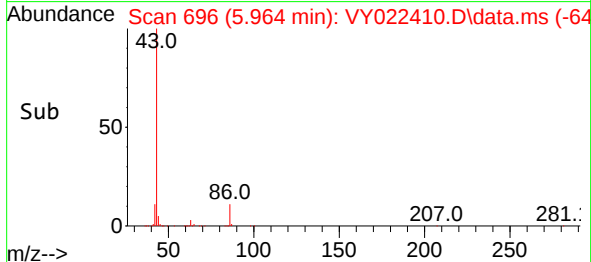
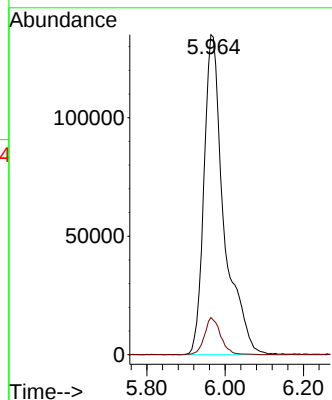
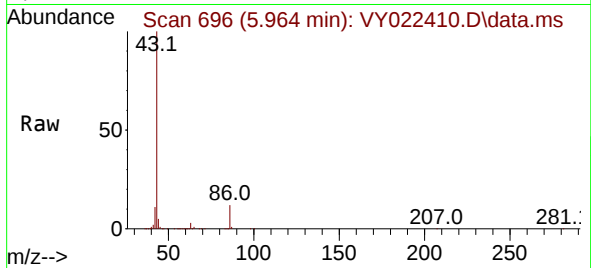




#23  
 Vinyl Acetate  
 Concen: 92.684 ug/l  
 RT: 5.964 min Scan# 695  
 Delta R.T. 0.006 min  
 Lab File: VY022410.D  
 Acq: 23 May 2025 16:50

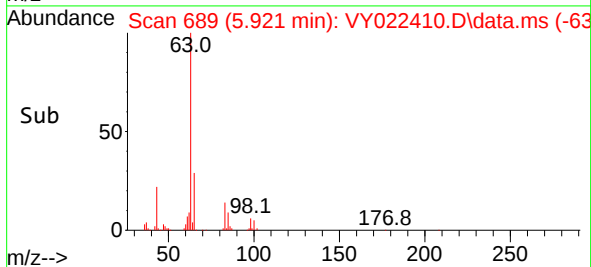
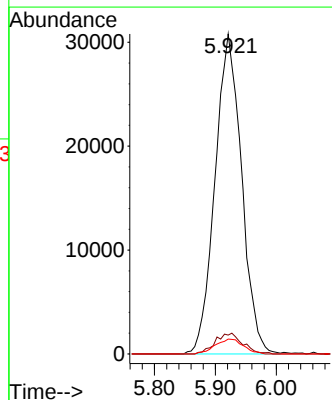
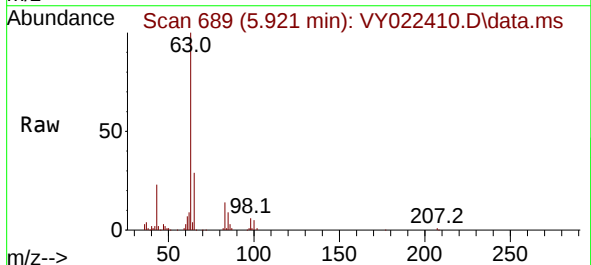
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0523SBS01

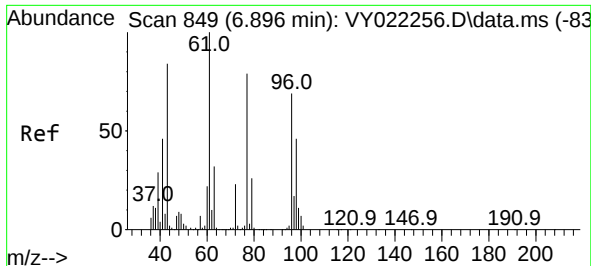
Tgt Ion: 43 Resp: 478913  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 19.513 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. 0.006 min  
 Lab File: VY022410.D  
 Acq: 23 May 2025 16:50

Tgt Ion: 63 Resp: 93240  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.5 10.5  
 100 4.7 2.4 7.2

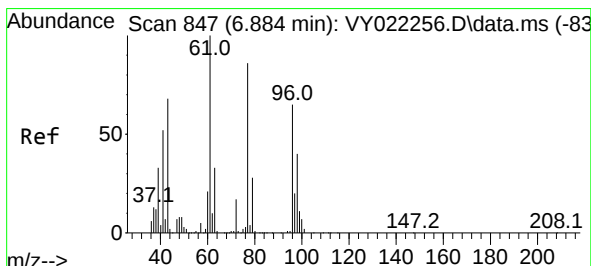
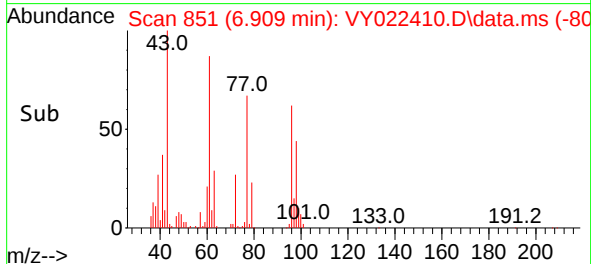
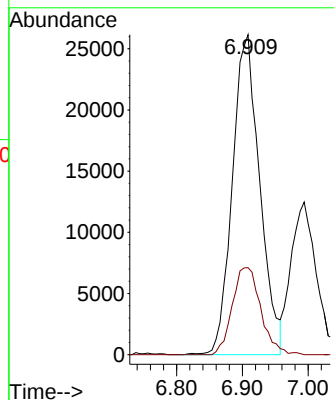
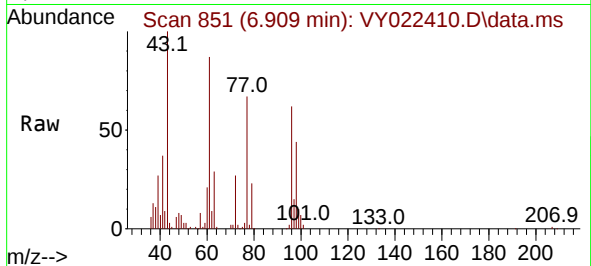




#25  
2-Butanone  
Concen: 102.161 ug/l  
RT: 6.909 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

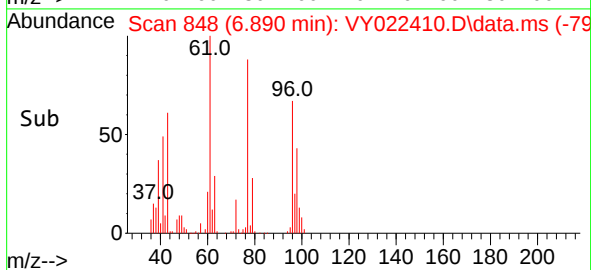
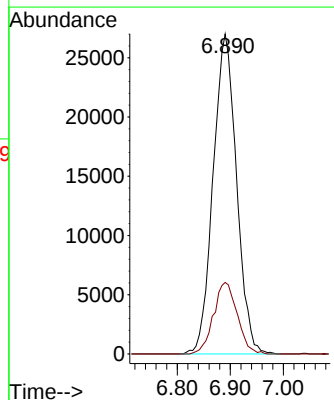
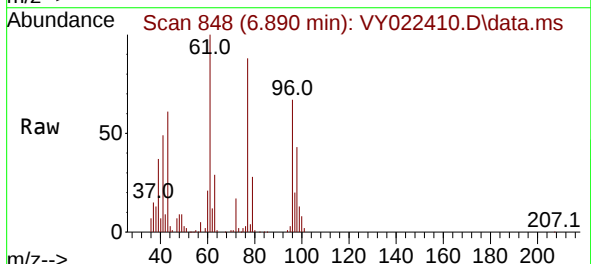
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

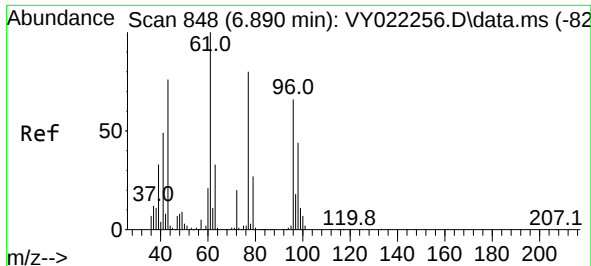
Tgt Ion: 43 Resp: 75621  
Ion Ratio Lower Upper  
43 100  
72 27.2 22.1 33.1



#26  
2,2-Dichloropropane  
Concen: 19.458 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 77 Resp: 82698  
Ion Ratio Lower Upper  
77 100  
97 22.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.533 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

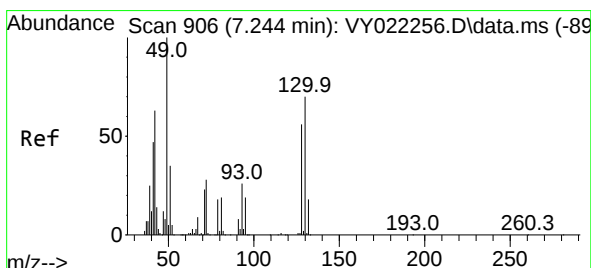
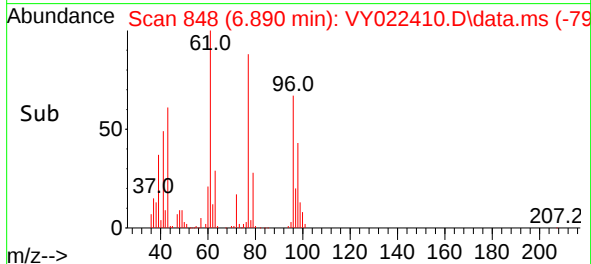
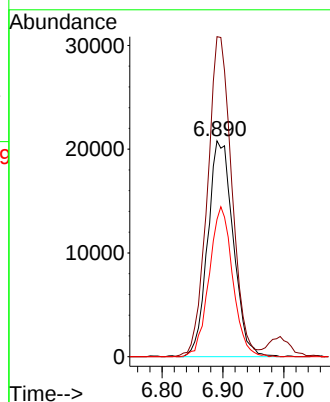
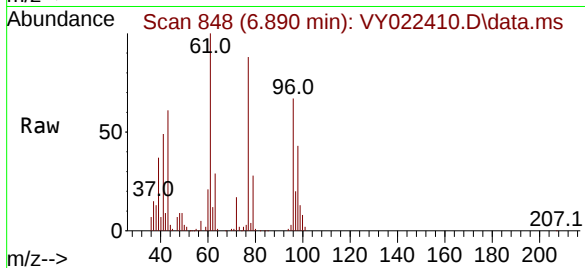
Tgt Ion: 96 Resp: 60410

Ion Ratio Lower Upper

96 100

61 141.8 0.0 302.6

98 64.2 0.0 128.8



#28

Bromochloromethane

Concen: 19.174 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

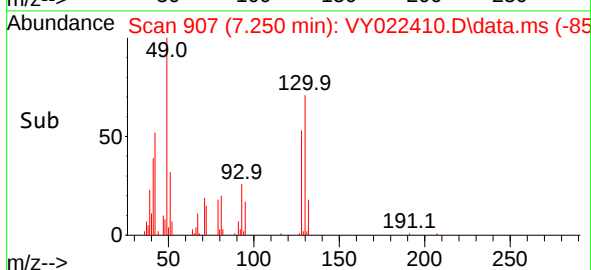
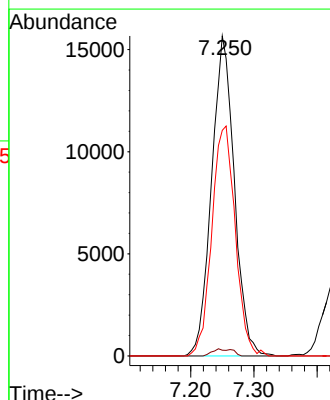
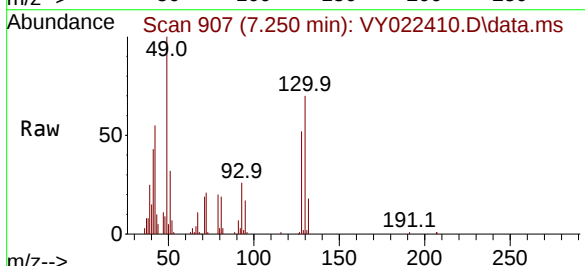
Tgt Ion: 49 Resp: 39080

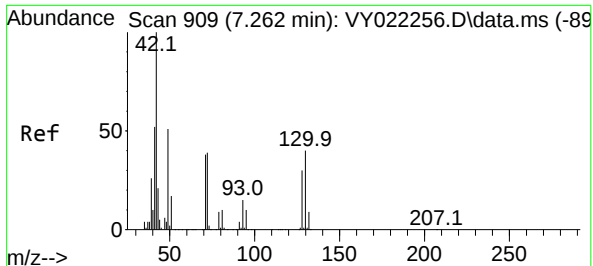
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 74.1 54.7 82.1





#29

Tetrahydrofuran

Concen: 97.632 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBS01

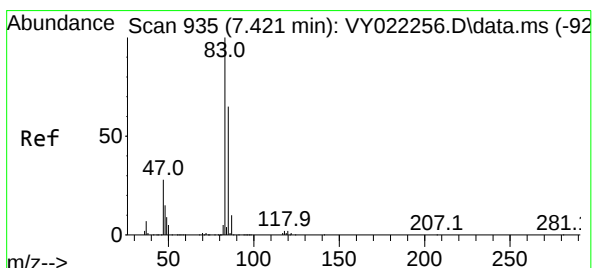
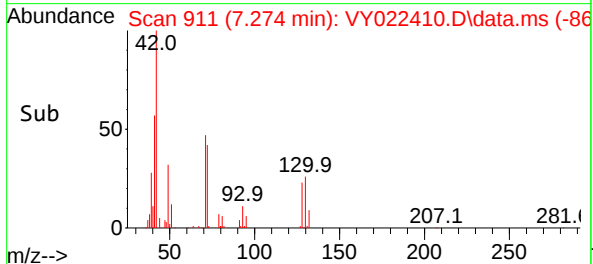
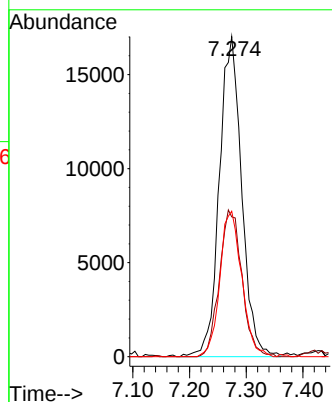
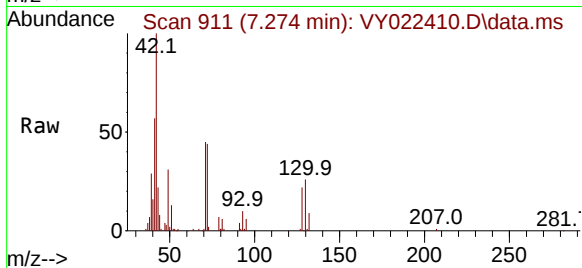
Tgt Ion: 42 Resp: 46494

Ion Ratio Lower Upper

42 100

72 46.2 33.8 50.6

71 44.5 31.5 47.3



#30

Chloroform

Concen: 20.062 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY022410.D

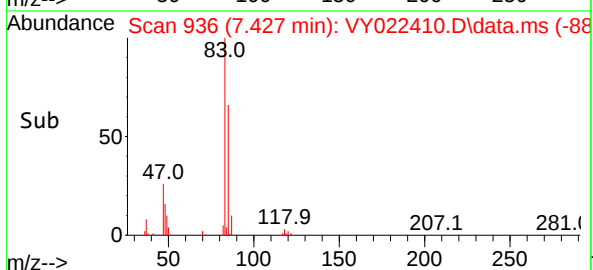
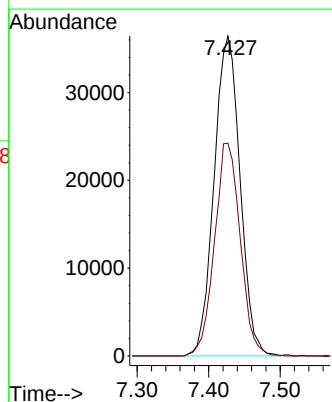
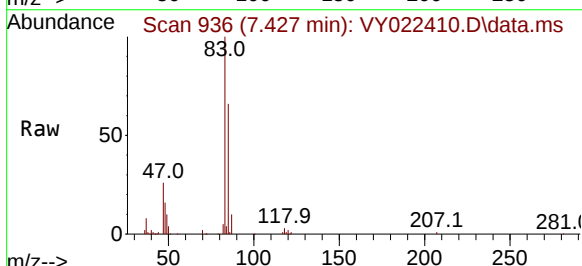
Acq: 23 May 2025 16:50

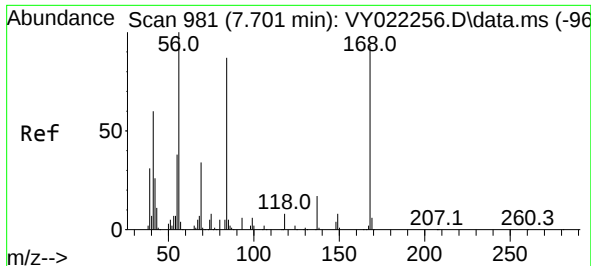
Tgt Ion: 83 Resp: 91951

Ion Ratio Lower Upper

83 100

85 66.5 51.8 77.8

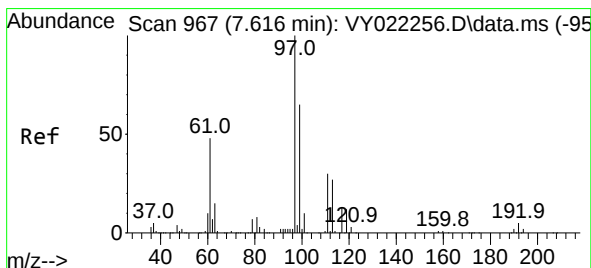
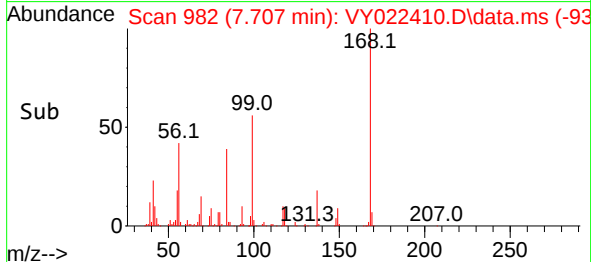
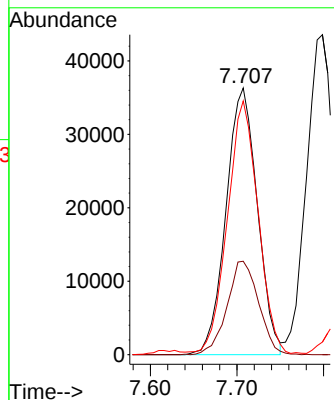
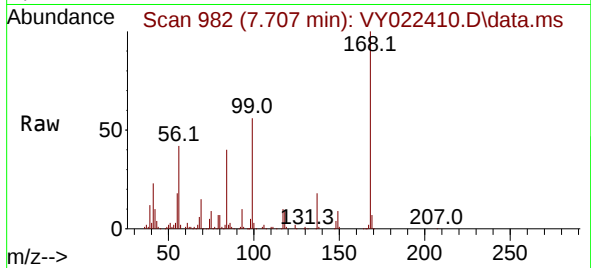




#31  
Cyclohexane  
Concen: 19.115 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

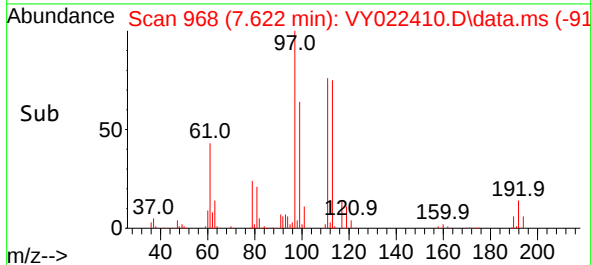
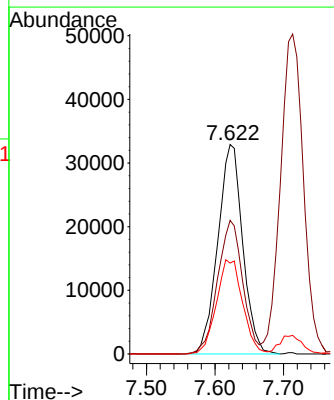
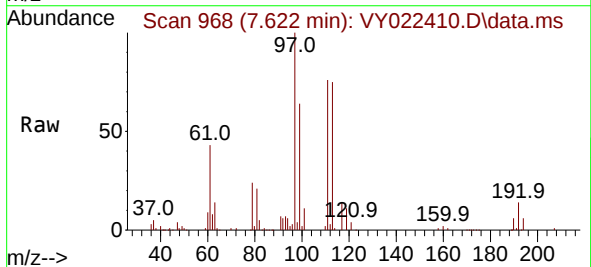
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBS01

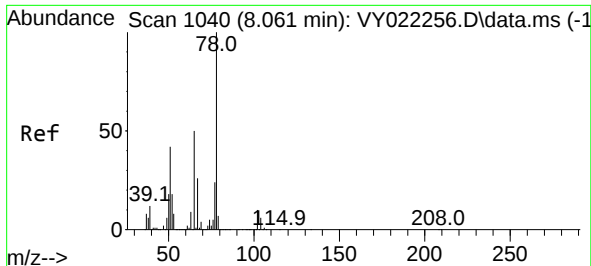
Tgt Ion: 56 Resp: 91262  
Ion Ratio Lower Upper  
56 100  
69 35.0 27.4 41.2  
84 94.1 70.0 105.0



#32  
1,1,1-Trichloroethane  
Concen: 19.732 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 97 Resp: 82971  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.4 77.0  
61 47.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.588 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

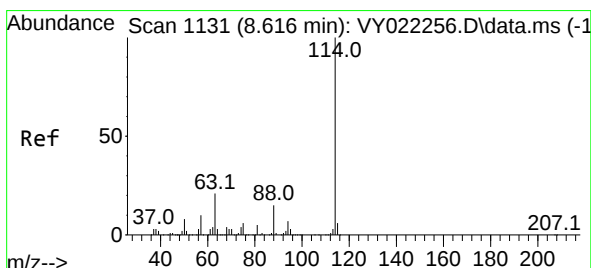
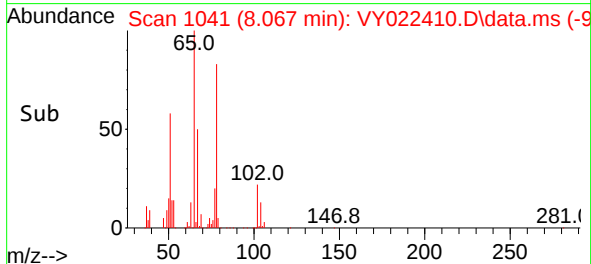
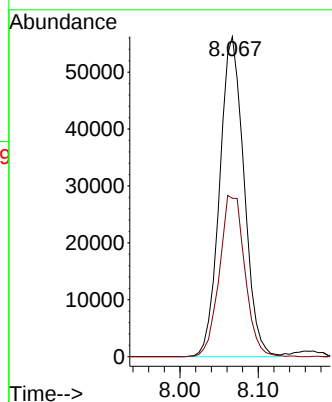
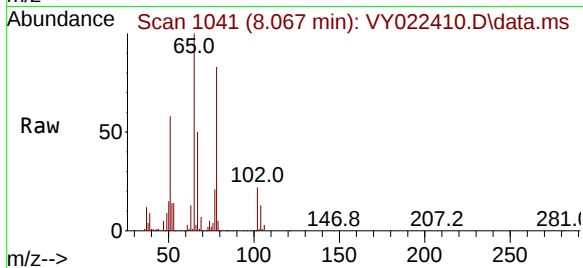
VY0523SBS01

Tgt Ion: 65 Resp: 121751

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

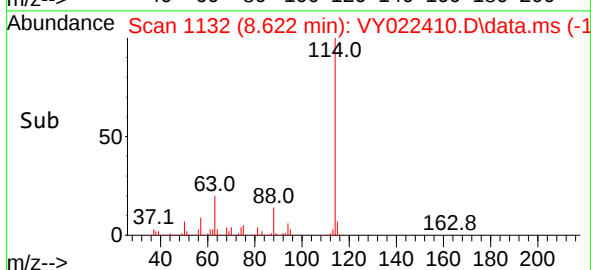
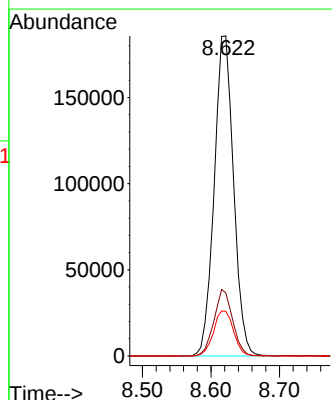
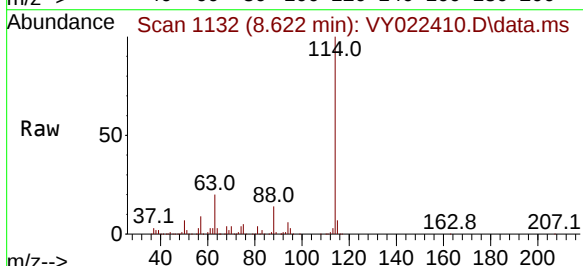
Tgt Ion: 114 Resp: 364015

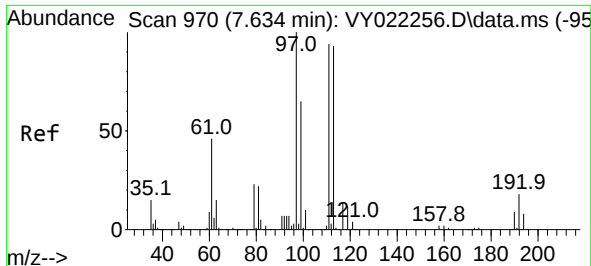
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.0

88 14.0 0.0 29.4

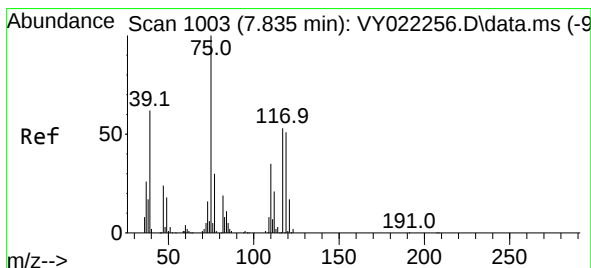
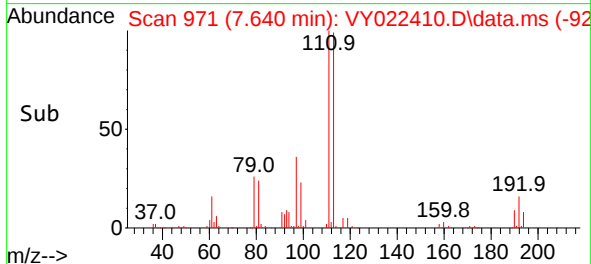
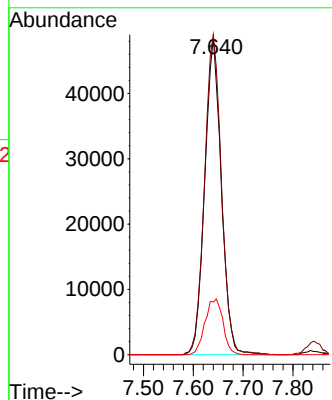
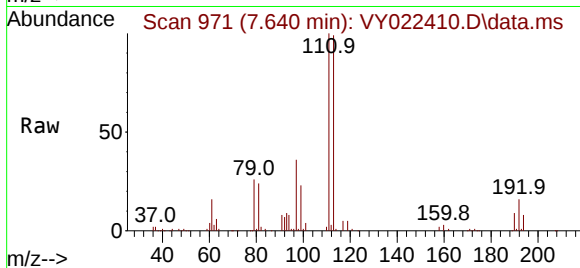




#35  
Dibromofluoromethane  
Concen: 51.387 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

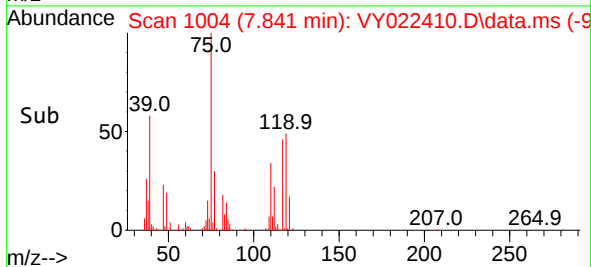
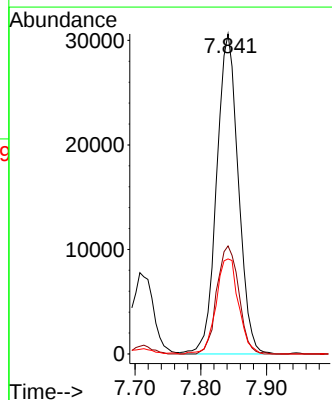
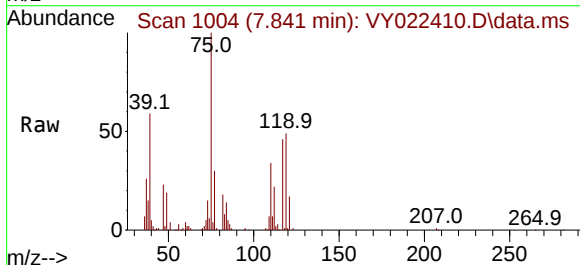
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

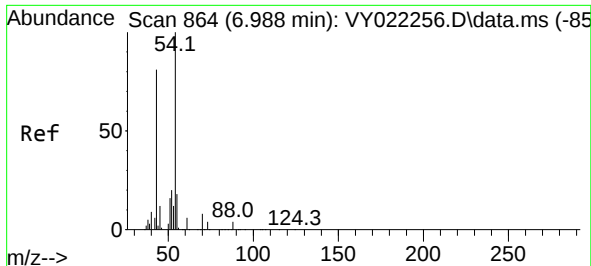
Tgt Ion:113 Resp: 111647  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.6 123.8  
192 19.1 15.2 22.8



#36  
1,1-Dichloropropene  
Concen: 19.634 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 75 Resp: 70261  
Ion Ratio Lower Upper  
75 100  
110 34.2 16.6 49.8  
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 19.559 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBS01

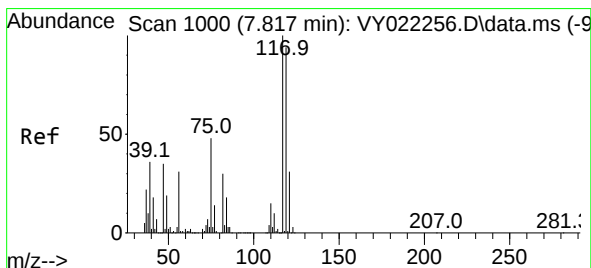
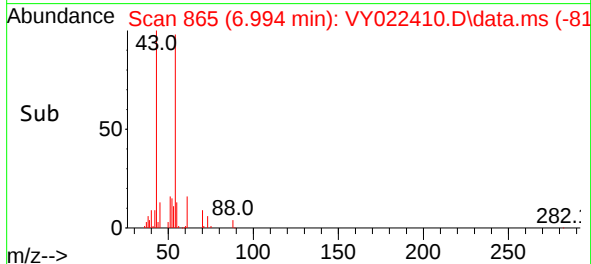
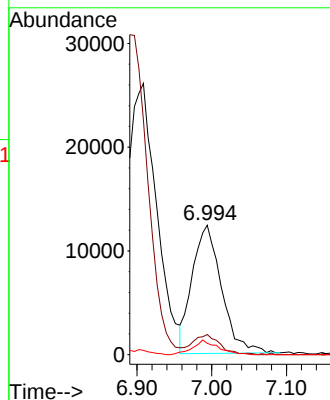
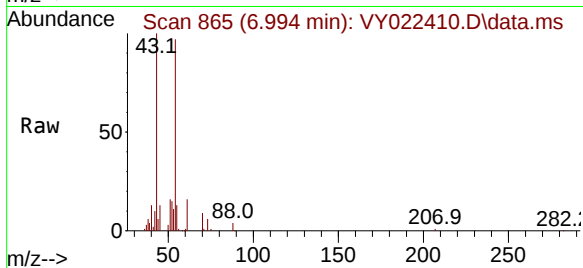
Tgt Ion: 43 Resp: 33678

Ion Ratio Lower Upper

43 100

61 14.9 10.2 15.2

70 9.6 7.6 11.4



#38

Carbon Tetrachloride

Concen: 19.562 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

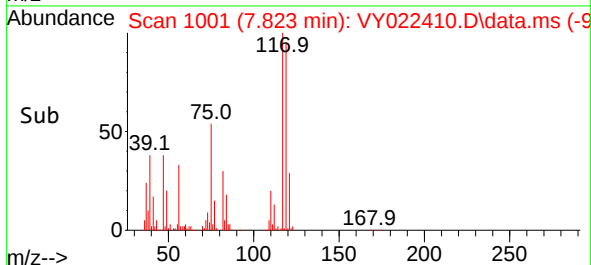
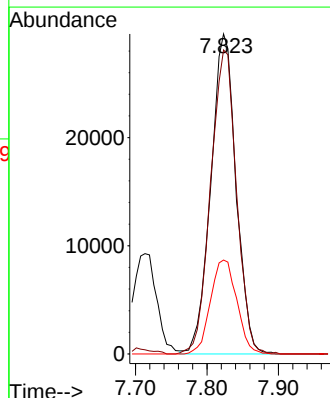
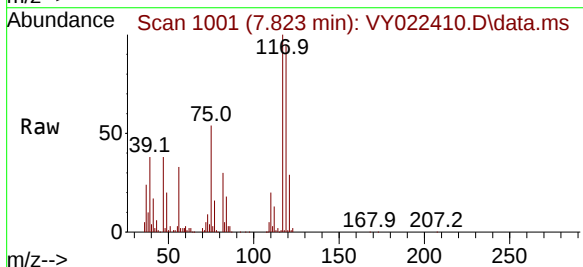
Tgt Ion: 117 Resp: 72463

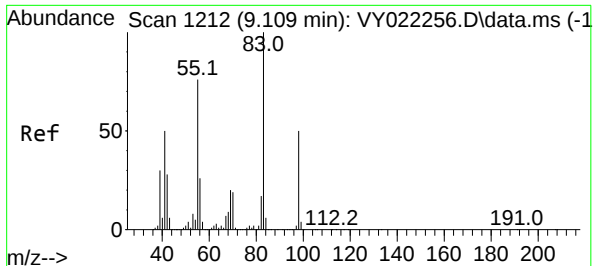
Ion Ratio Lower Upper

117 100

119 95.0 75.3 112.9

121 29.3 24.7 37.1





#39

Methylcyclohexane

Concen: 19.953 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

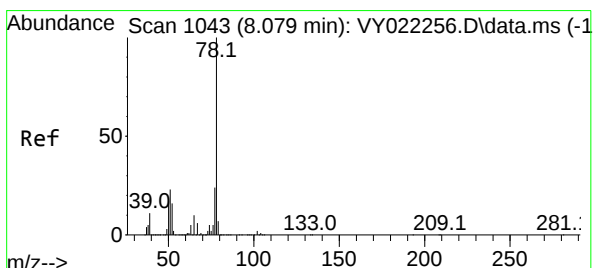
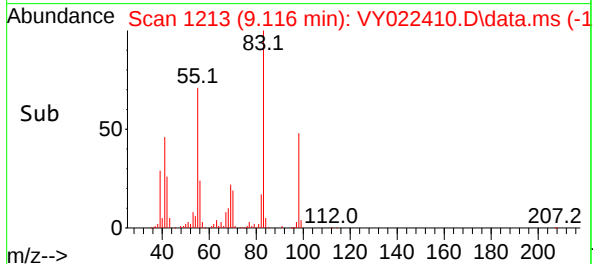
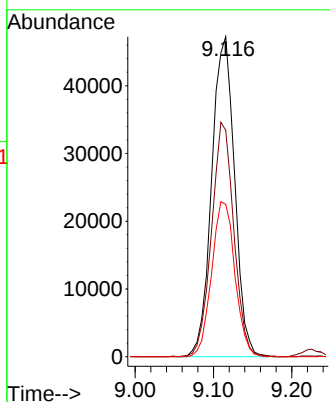
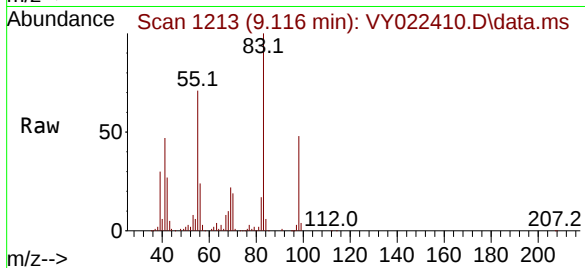
Tgt Ion: 83 Resp: 95930

Ion Ratio Lower Upper

83 100

55 70.7 60.6 90.8

98 47.6 40.0 60.0



#40

Benzene

Concen: 19.434 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022410.D

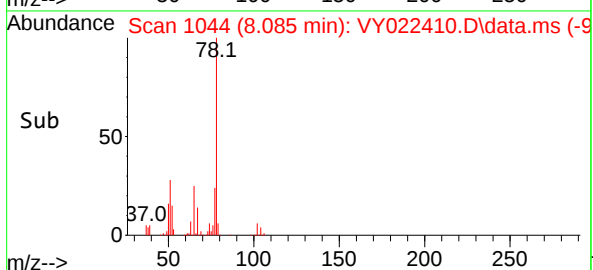
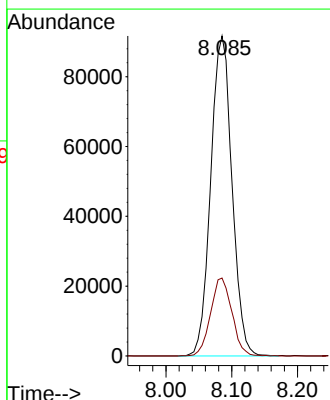
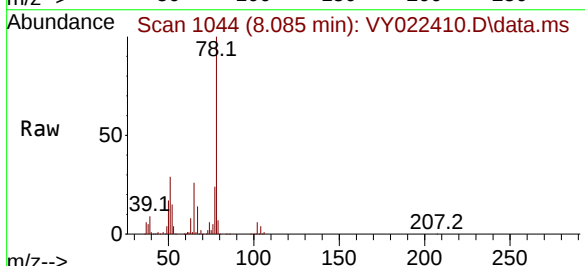
Acq: 23 May 2025 16:50

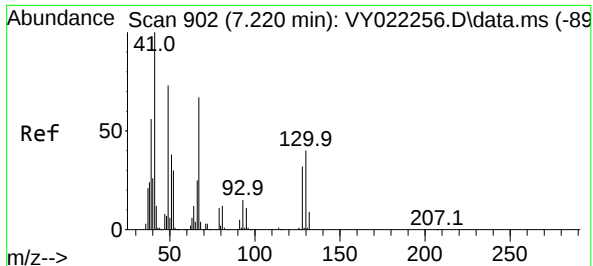
Tgt Ion: 78 Resp: 206176

Ion Ratio Lower Upper

78 100

77 24.3 18.9 28.3

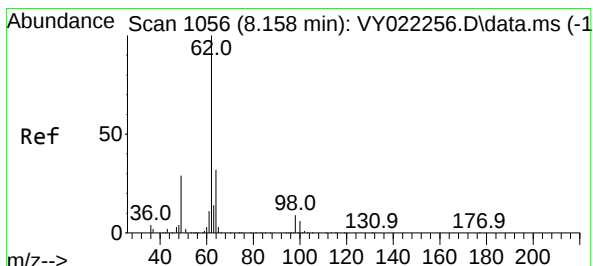
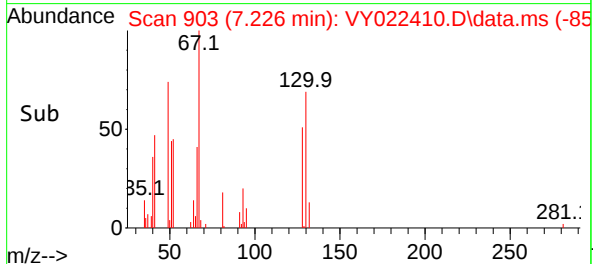
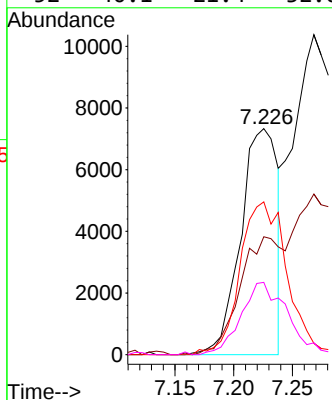
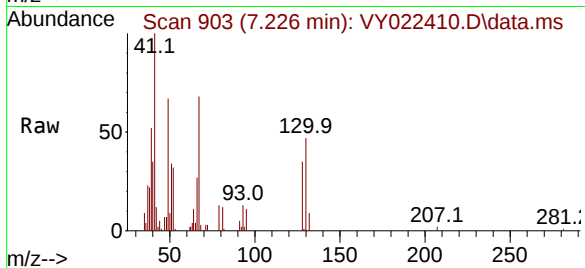




#41  
Methacrylonitrile  
Concen: 14.028 ug/l  
RT: 7.226 min Scan# 902  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

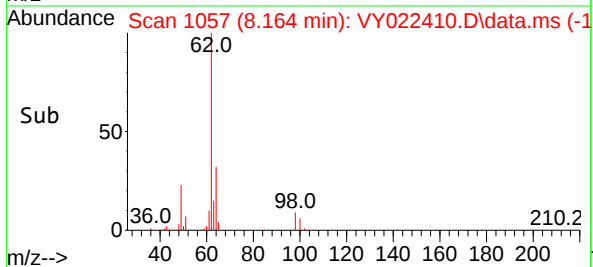
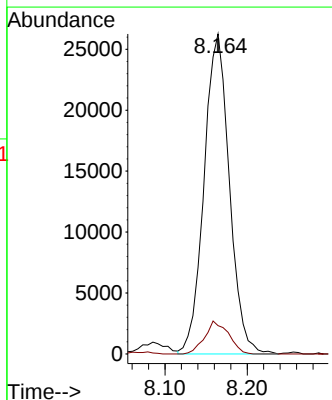
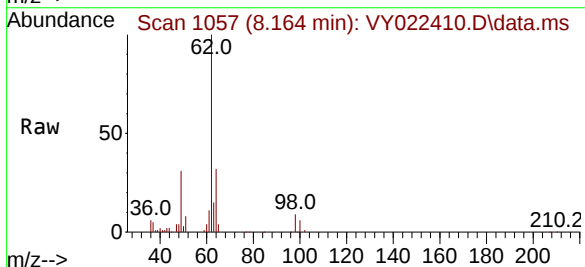
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

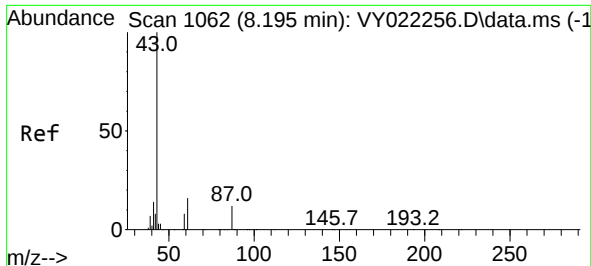
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 16022 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 62.4  | 39.1  | 58.7# |
| 67       | 86.7  | 47.1  | 70.7# |
| 52       | 40.1  | 21.4  | 32.0# |



#42  
1,2-Dichloroethane  
Concen: 19.599 ug/l  
RT: 8.164 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 56227 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.7   | 0.0   | 18.4  |





#43

Isopropyl Acetate

Concen: 18.381 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBS01

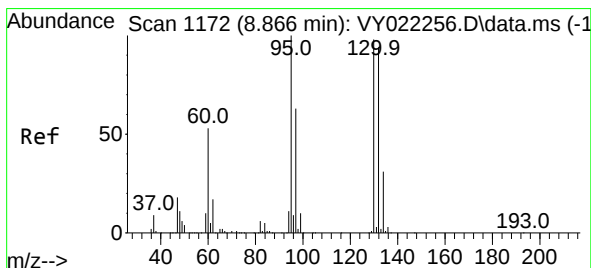
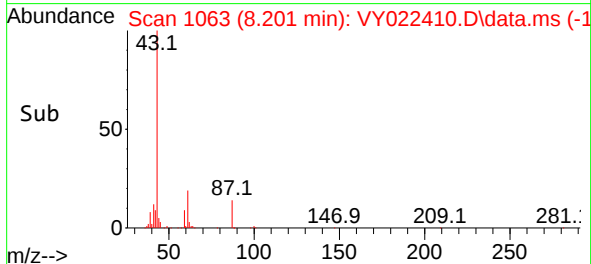
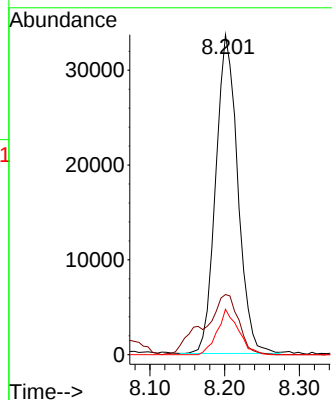
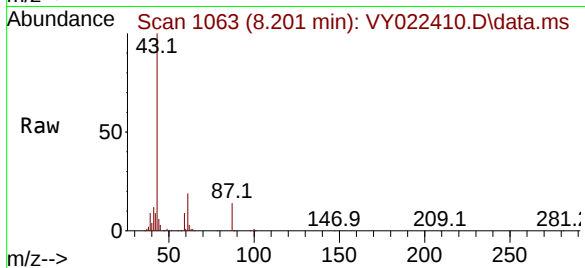
Tgt Ion: 43 Resp: 69023

Ion Ratio Lower Upper

43 100

61 29.5 15.1 22.7#

87 13.7 9.7 14.5



#44

Trichloroethene

Concen: 20.387 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022410.D

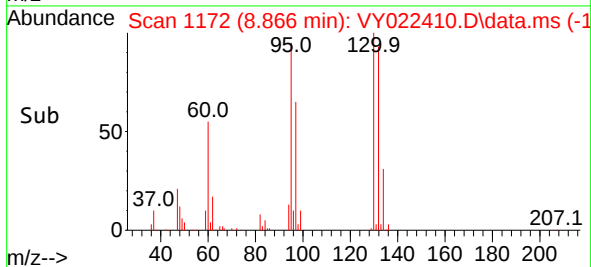
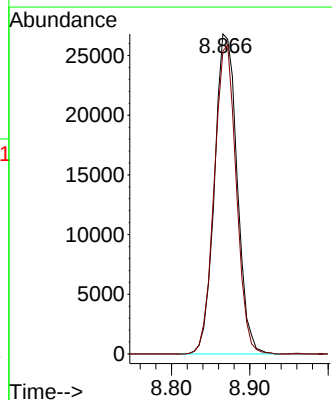
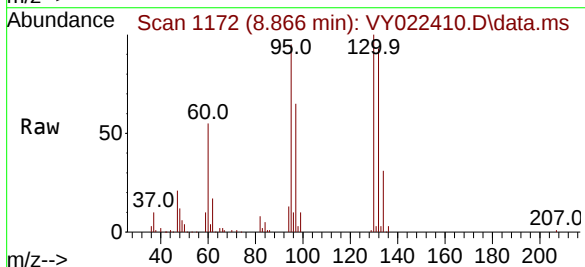
Acq: 23 May 2025 16:50

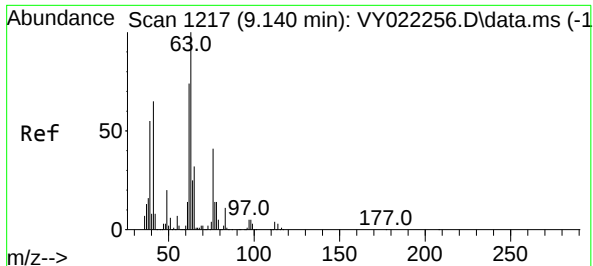
Tgt Ion:130 Resp: 53777

Ion Ratio Lower Upper

130 100

95 94.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.023 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

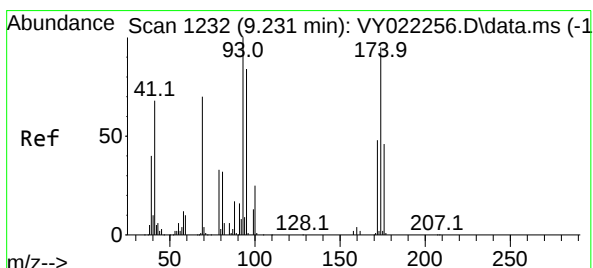
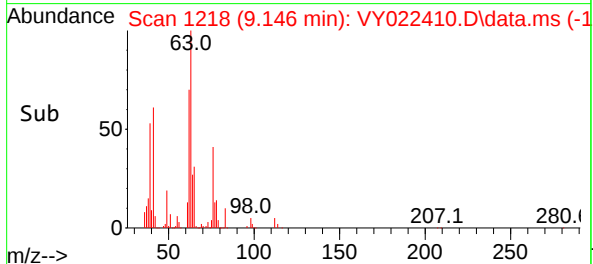
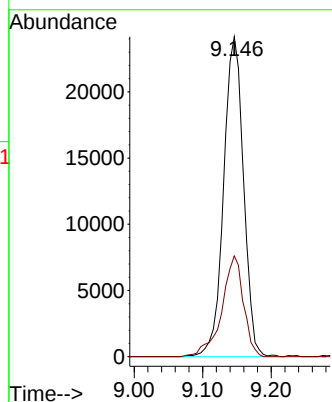
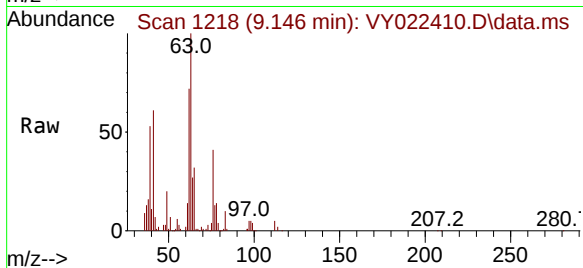
VY0523SBSD01

Tgt Ion: 63 Resp: 48654

Ion Ratio Lower Upper

63 100

65 31.5 25.7 38.5



#46

Dibromomethane

Concen: 20.018 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

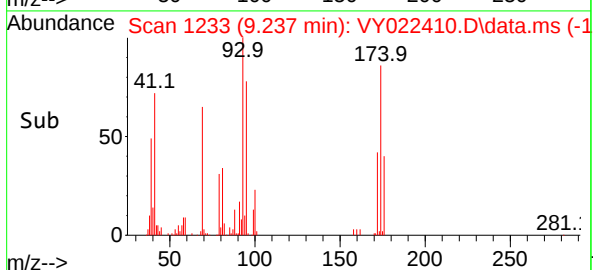
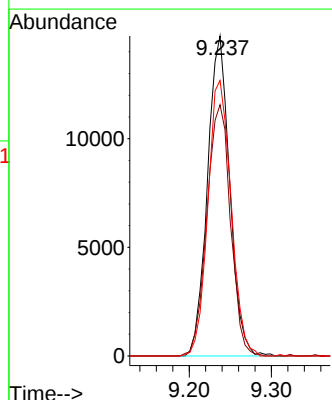
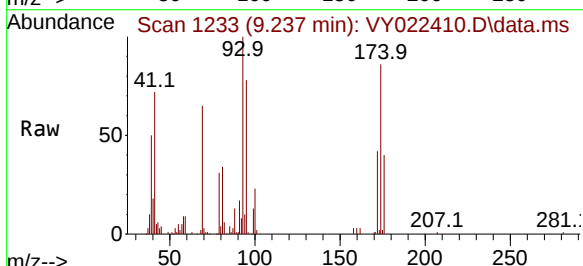
Tgt Ion: 93 Resp: 27615

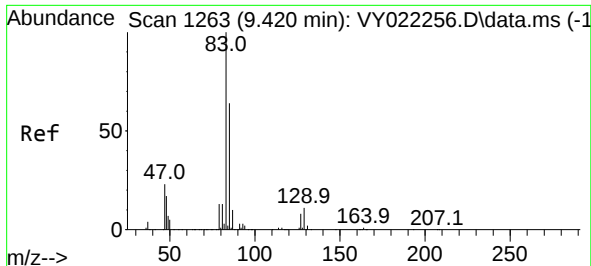
Ion Ratio Lower Upper

93 100

95 83.3 65.2 97.8

174 89.9 74.3 111.5

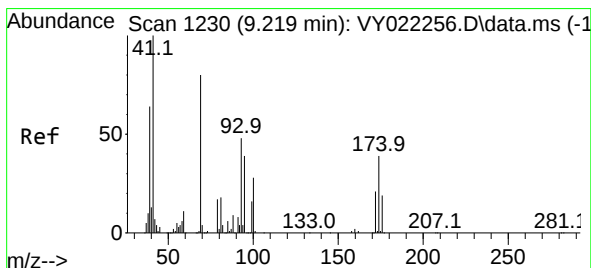
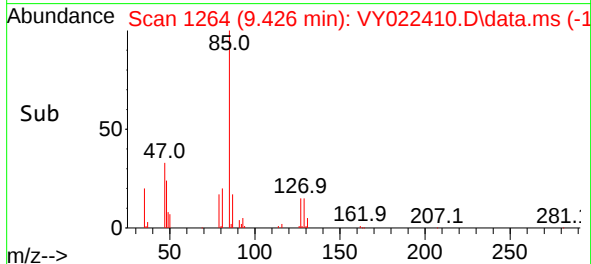
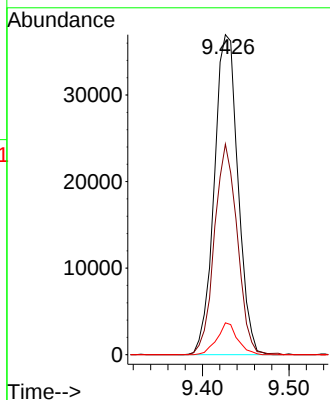
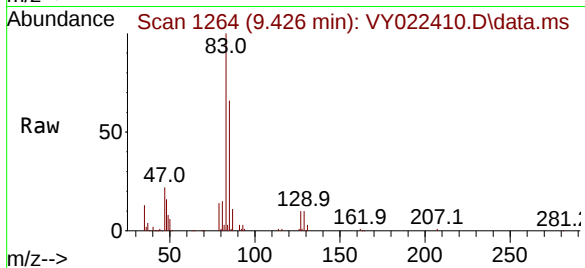




#47  
Bromodichloromethane  
Concen: 19.662 ug/l  
RT: 9.426 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

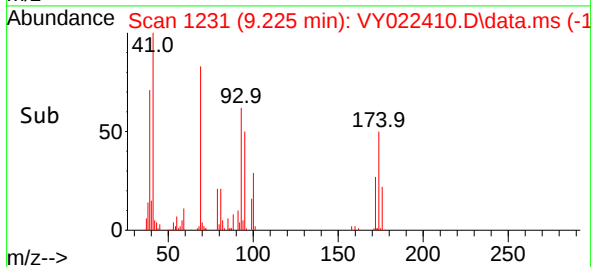
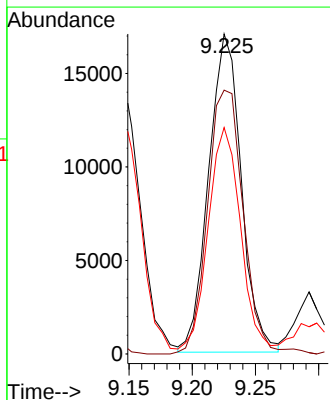
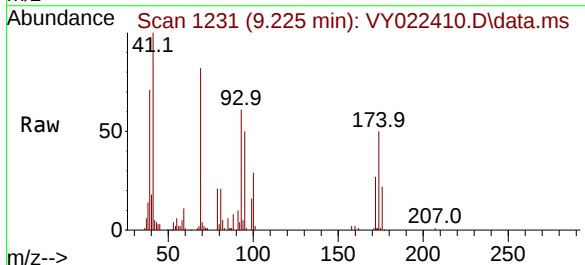
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBS01

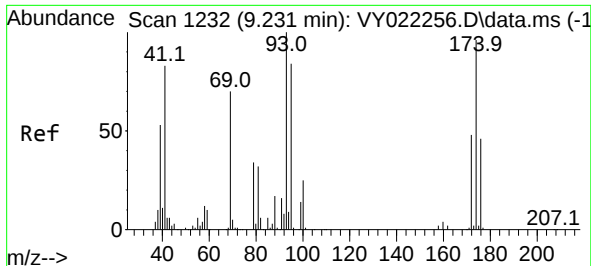
Tgt Ion: 83 Resp: 70365  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.1 76.7  
127 9.9 6.6 10.0



#48  
Methyl methacrylate  
Concen: 17.382 ug/l  
RT: 9.225 min Scan# 1231  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 41 Resp: 30525  
Ion Ratio Lower Upper  
41 100  
69 90.7 63.5 95.3  
39 68.5 50.8 76.2

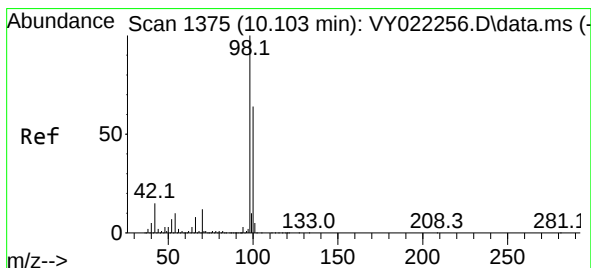
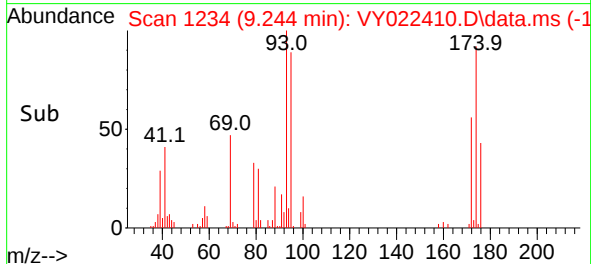
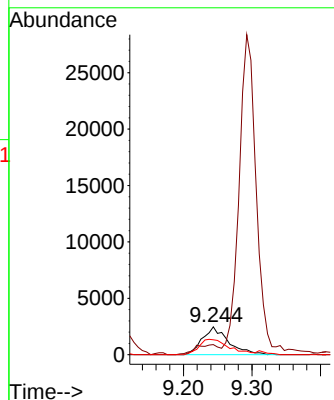
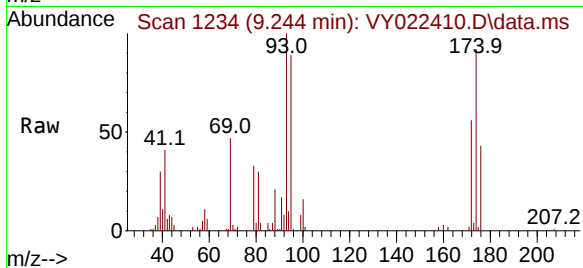




#49  
1,4-Dioxane  
Concen: 420.419 ug/l  
RT: 9.244 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

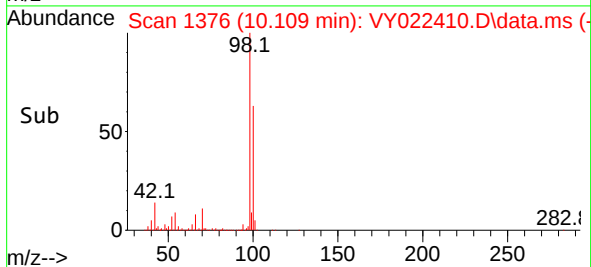
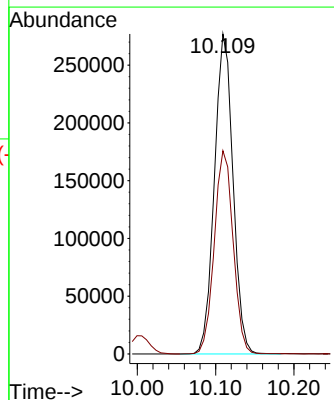
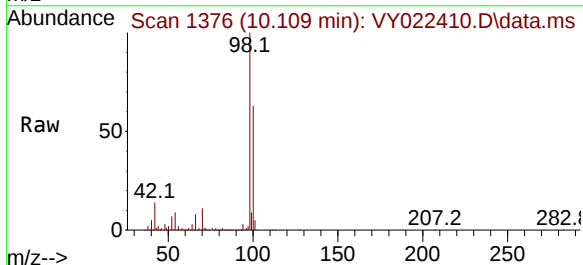
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

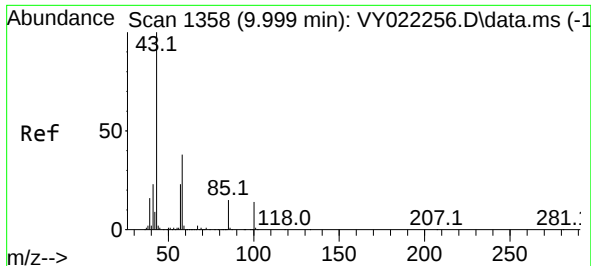
Tgt Ion: 88 Resp: 6552  
Ion Ratio Lower Upper  
88 100  
43 33.7 28.5 42.7  
58 63.2 61.4 92.2



#50  
Toluene-d8  
Concen: 51.320 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 98 Resp: 456658  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 93.776 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

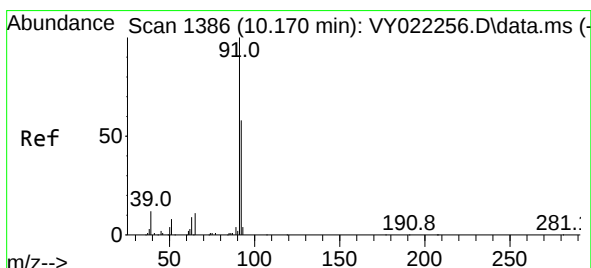
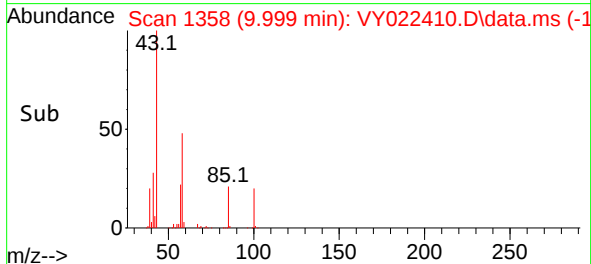
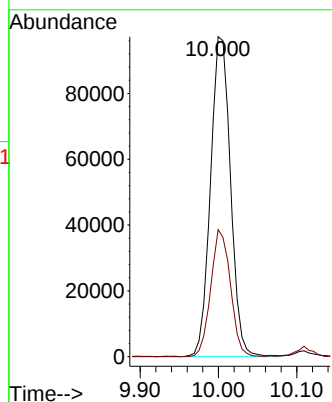
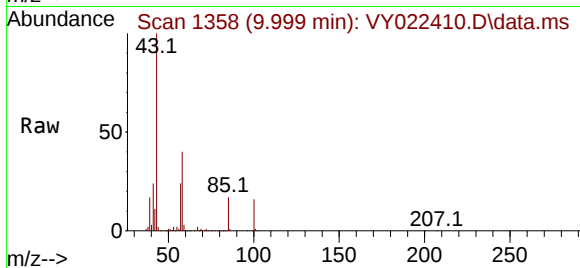
VY0523SBSD01

Tgt Ion: 43 Resp: 172786

Ion Ratio Lower Upper

43 100

58 39.0 29.4 44.2



#52

Toluene

Concen: 18.928 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY022410.D

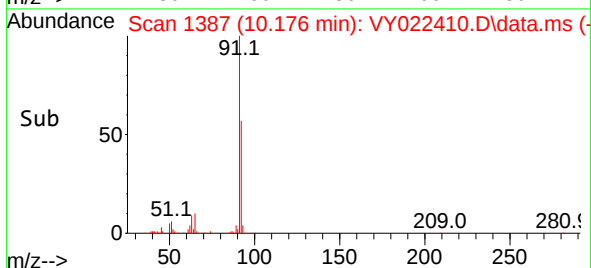
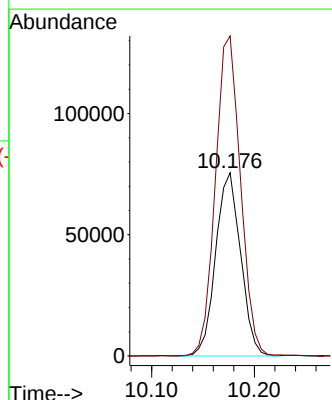
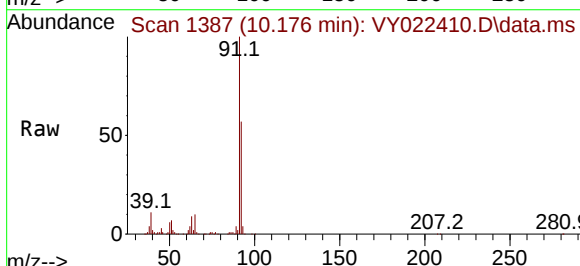
Acq: 23 May 2025 16:50

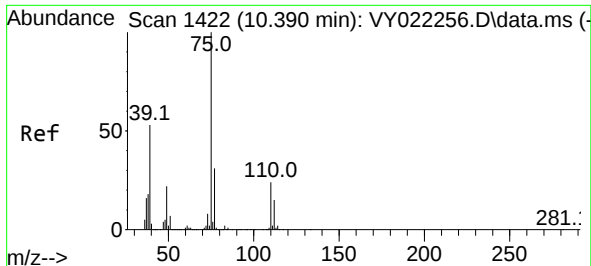
Tgt Ion: 92 Resp: 127157

Ion Ratio Lower Upper

92 100

91 176.4 139.1 208.7

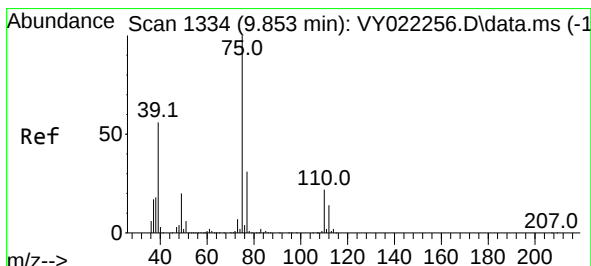
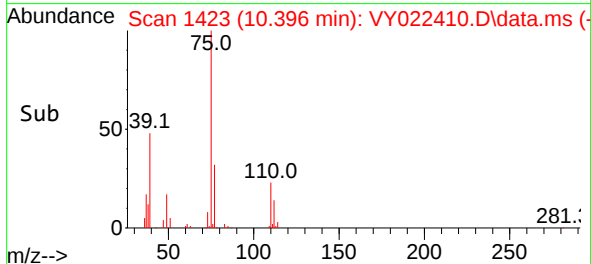
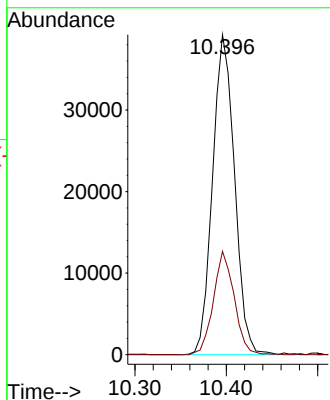
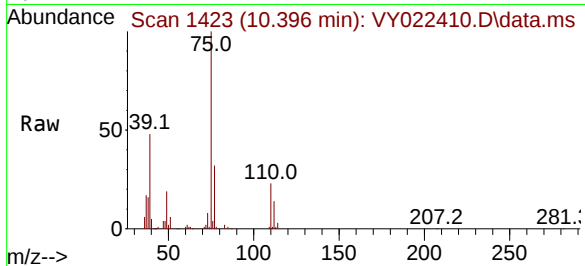




#53  
t-1,3-Dichloropropene  
Concen: 18.778 ug/l  
RT: 10.396 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

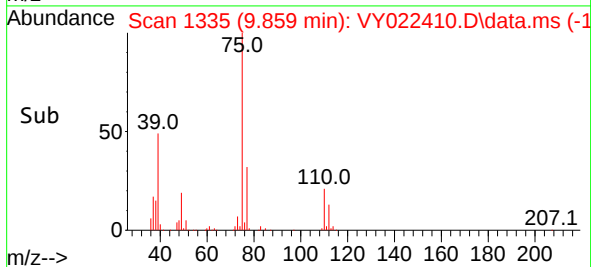
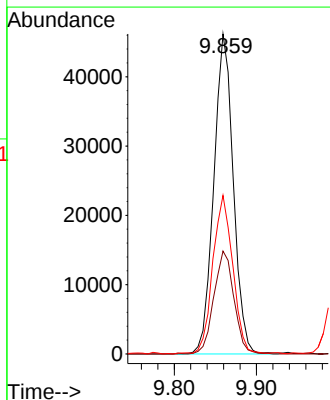
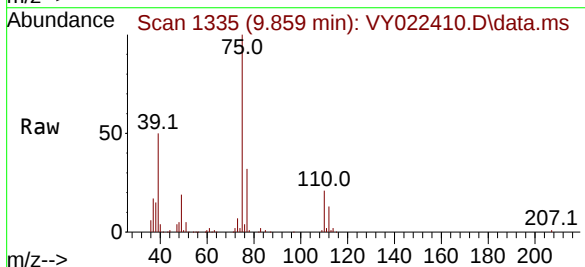
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

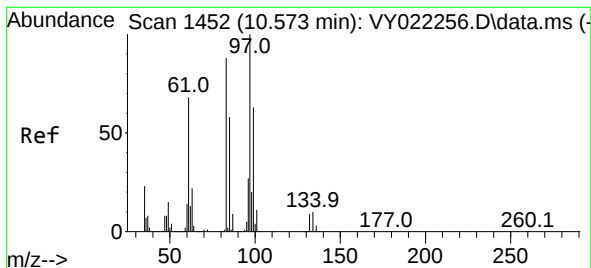
Tgt Ion: 75 Resp: 65585  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 18.992 ug/l  
RT: 9.859 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 75 Resp: 75996  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.1 37.7  
39 49.3 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.689 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

Tgt Ion: 97 Resp: 36548

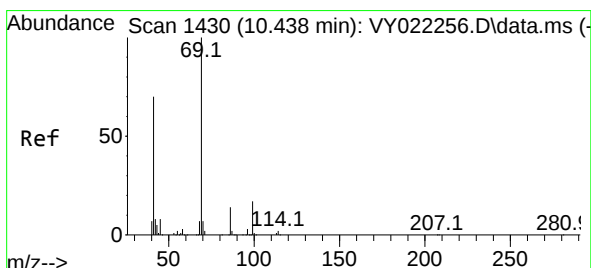
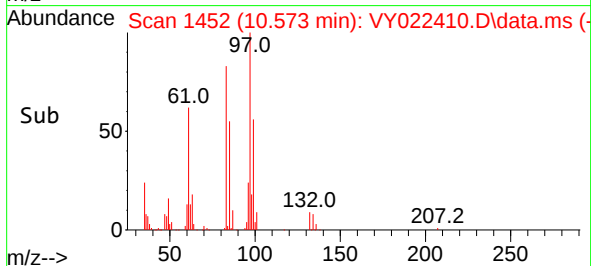
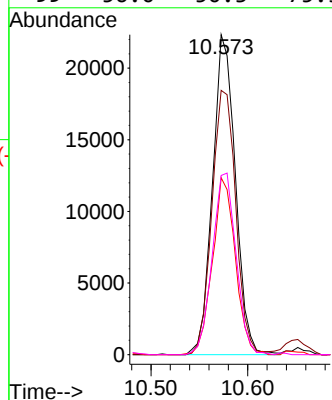
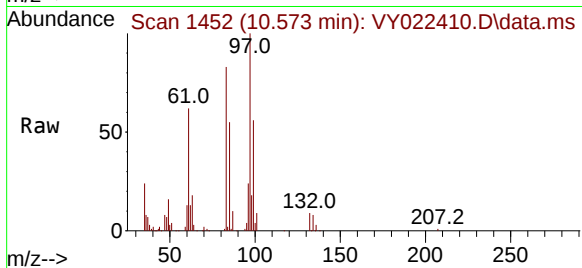
Ion Ratio Lower Upper

97 100

83 82.6 70.3 105.5

85 55.3 46.2 69.4

99 56.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.941 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

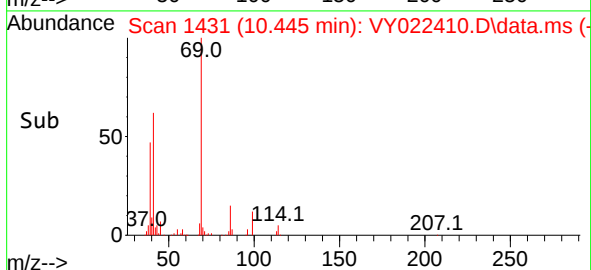
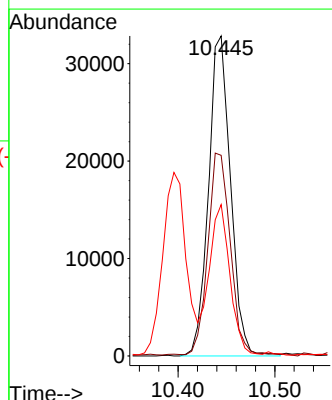
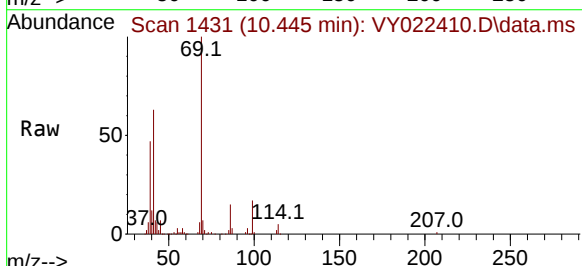
Tgt Ion: 69 Resp: 52121

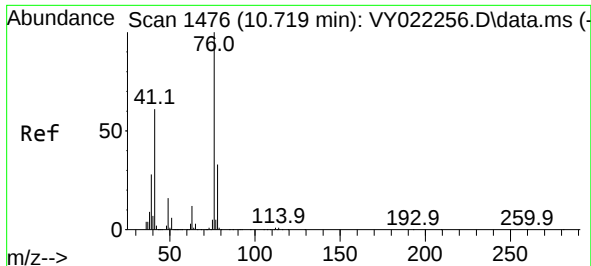
Ion Ratio Lower Upper

69 100

41 65.8 56.5 84.7

39 44.0 37.1 55.7





#57

1,3-Dichloropropane

Concen: 19.679 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

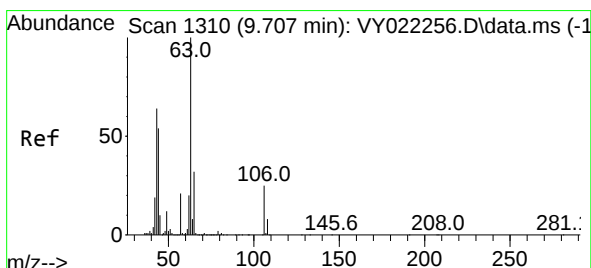
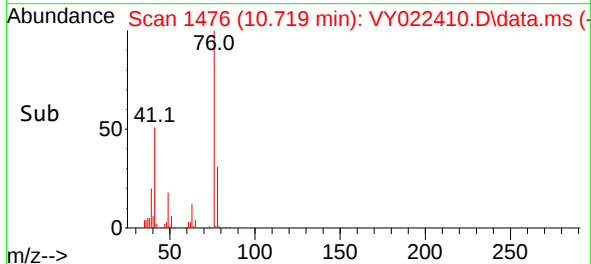
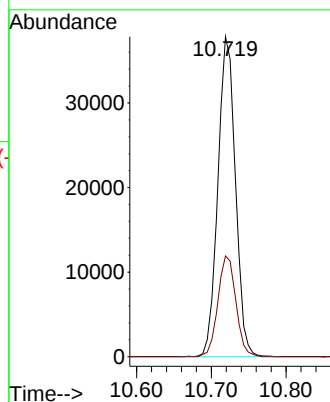
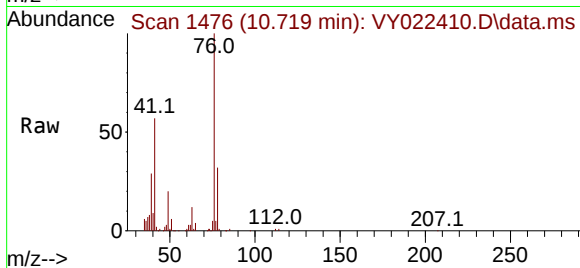
VY0523SBSD01

Tgt Ion: 76 Resp: 61767

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.253 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022410.D

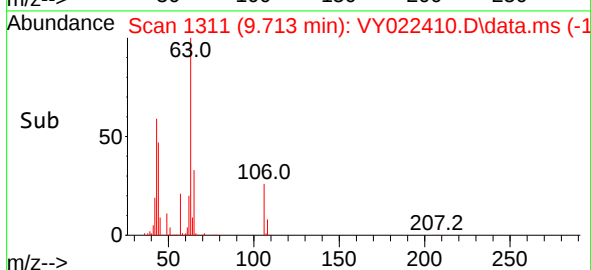
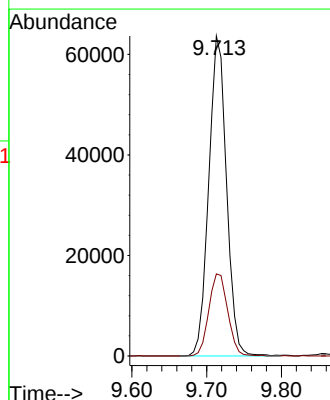
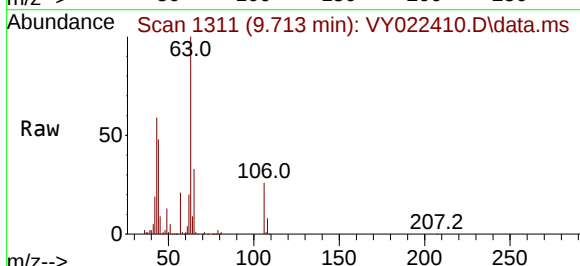
Acq: 23 May 2025 16:50

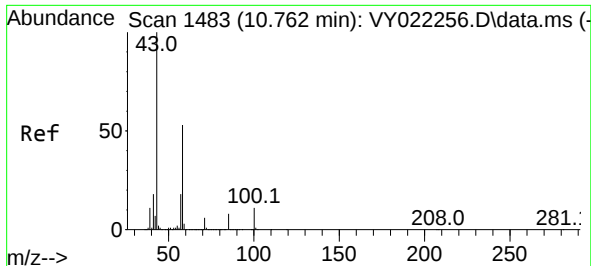
Tgt Ion: 63 Resp: 105296

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.4

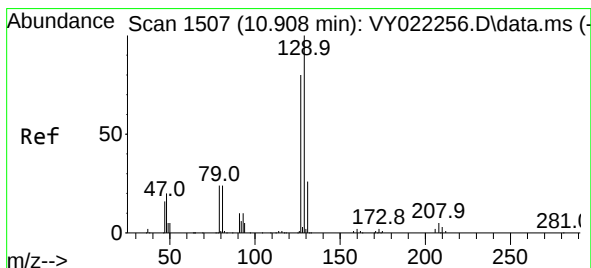
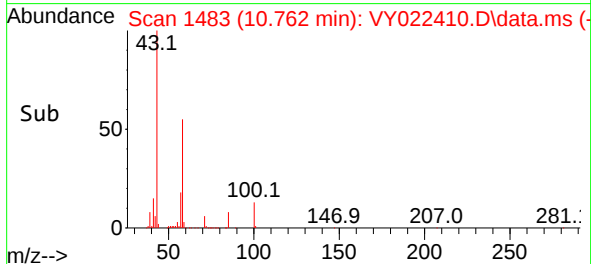
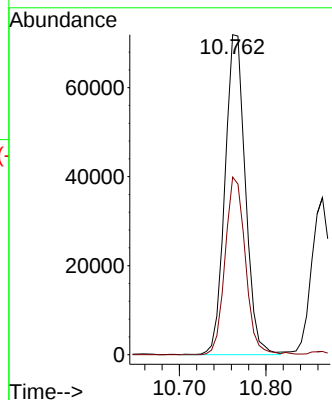
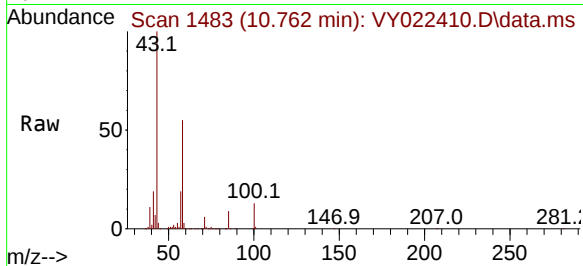




#59  
2-Hexanone  
Concen: 95.289 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

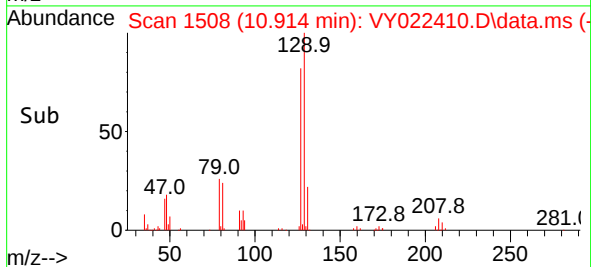
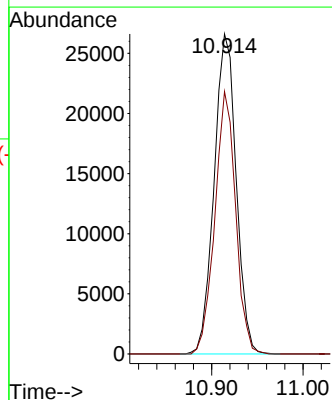
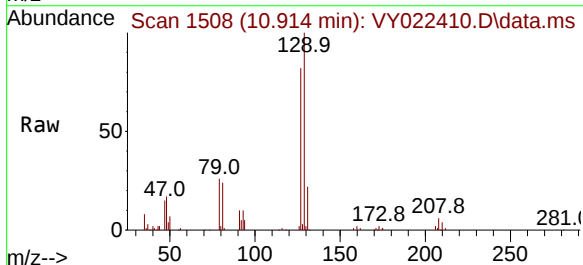
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

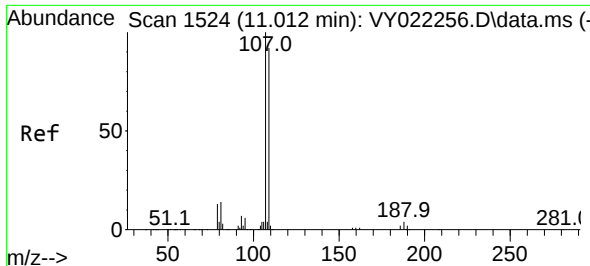
Tgt Ion: 43 Resp: 117719  
Ion Ratio Lower Upper  
43 100  
58 54.9 26.1 78.3



#60  
Dibromochloromethane  
Concen: 19.477 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 129 Resp: 44658  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 115.7

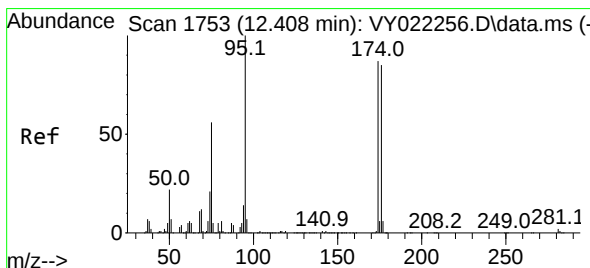
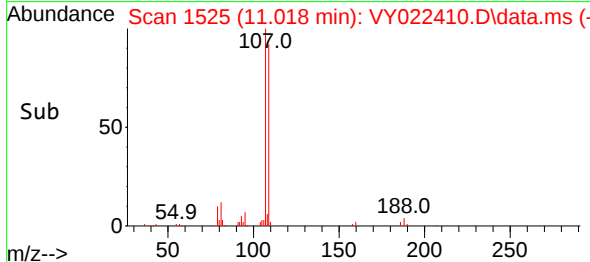
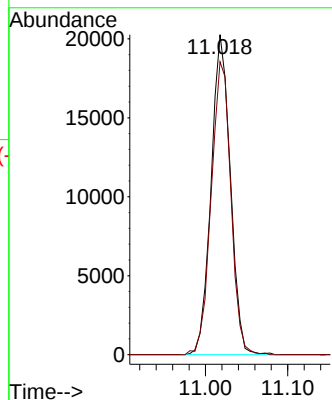
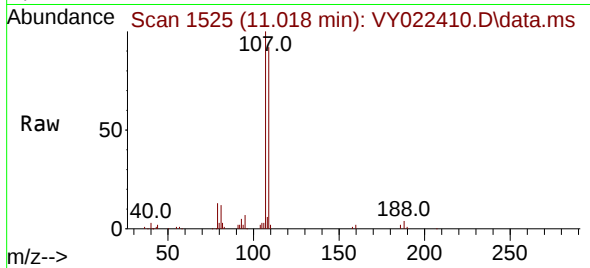




#61  
1,2-Dibromoethane  
Concen: 19.976 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

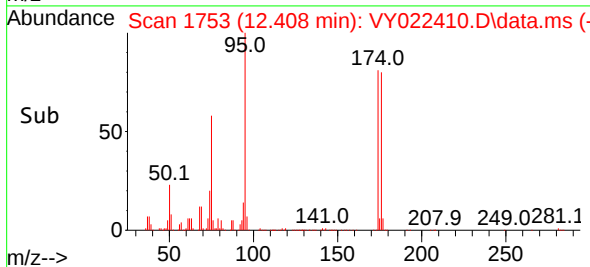
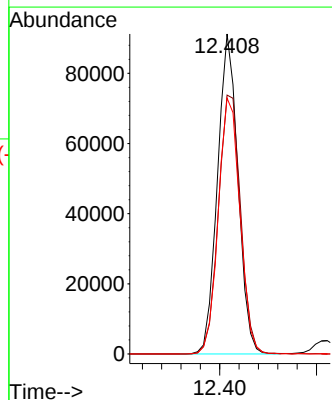
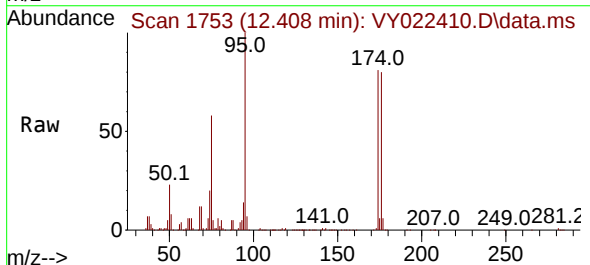
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

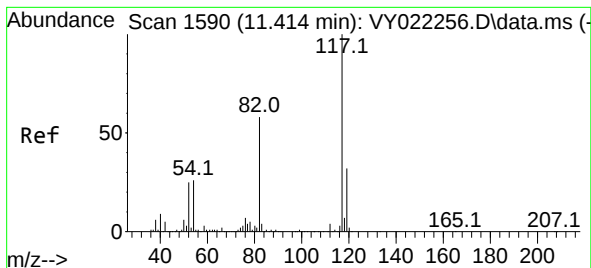
Tgt Ion:107 Resp: 32889  
Ion Ratio Lower Upper  
107 100  
109 93.4 74.6 111.8



#62  
4-Bromofluorobenzene  
Concen: 47.495 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 95 Resp: 133958  
Ion Ratio Lower Upper  
95 100  
174 87.6 0.0 166.8  
176 84.7 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

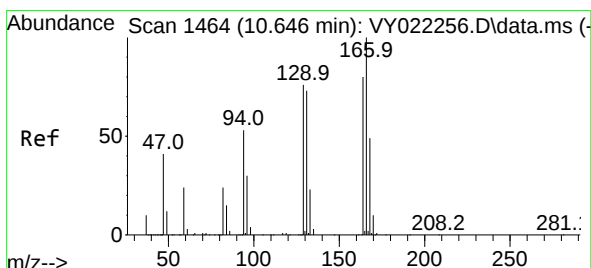
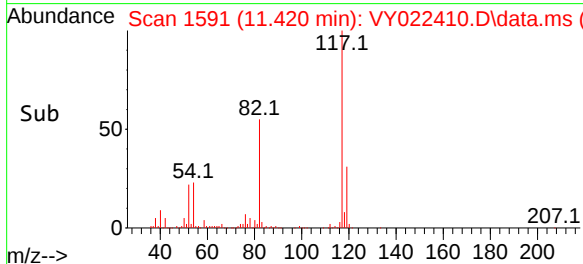
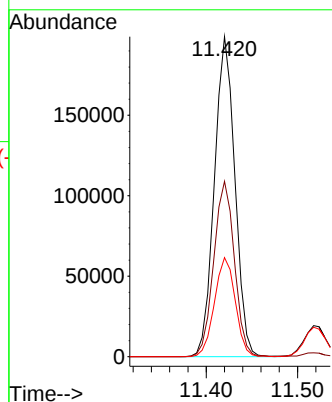
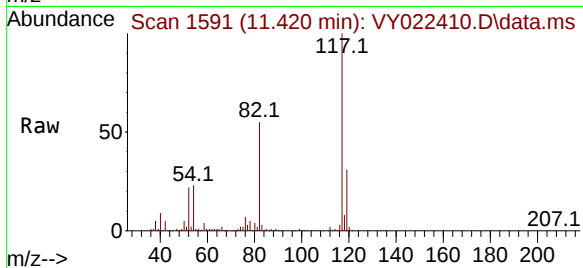
Tgt Ion:117 Resp: 310108

Ion Ratio Lower Upper

117 100

82 54.8 46.6 70.0

119 31.0 25.8 38.6



#64

Tetrachloroethene

Concen: 19.560 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Tgt Ion:164 Resp: 56065

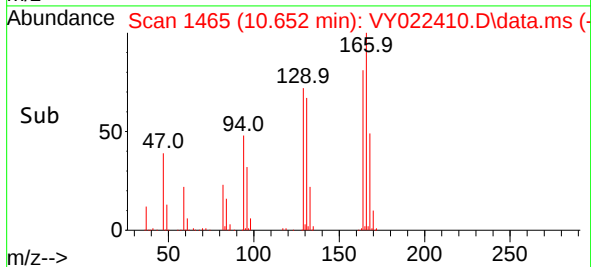
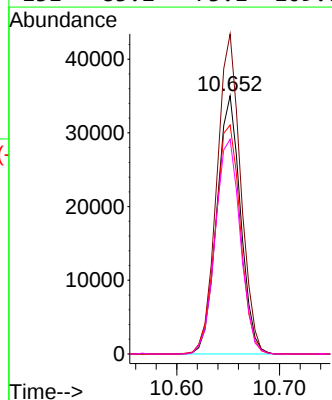
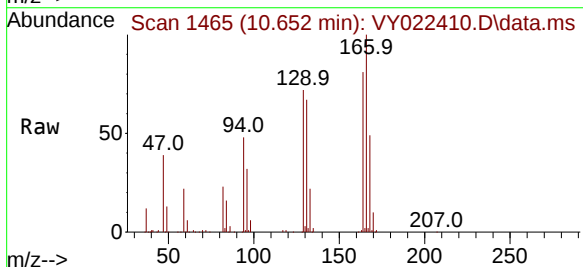
Ion Ratio Lower Upper

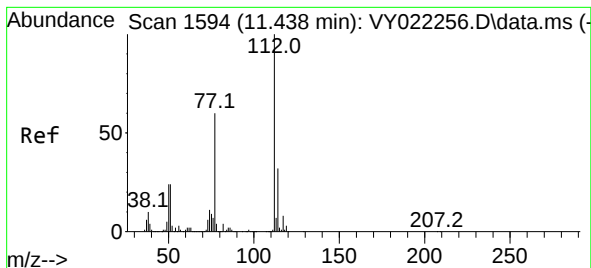
164 100

166 123.9 100.4 150.6

129 88.7 76.4 114.6

131 83.2 73.1 109.7





#65

Chlorobenzene

Concen: 19.502 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

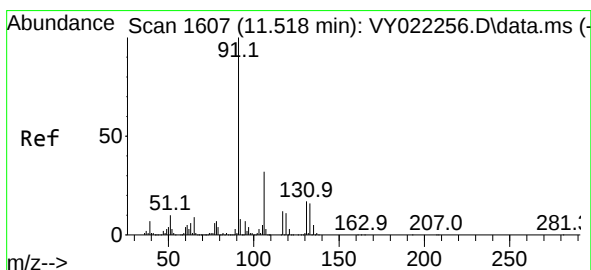
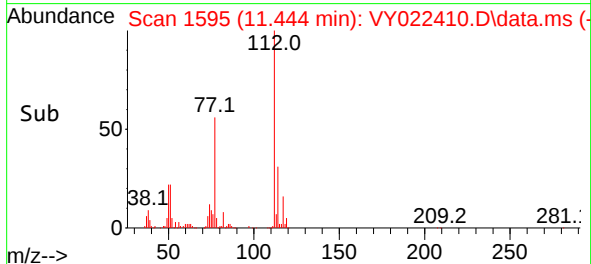
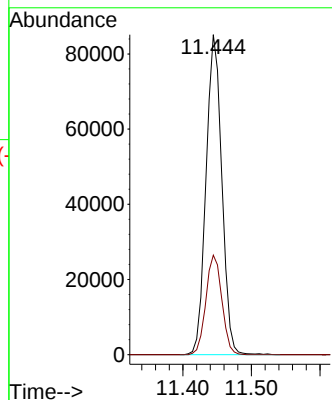
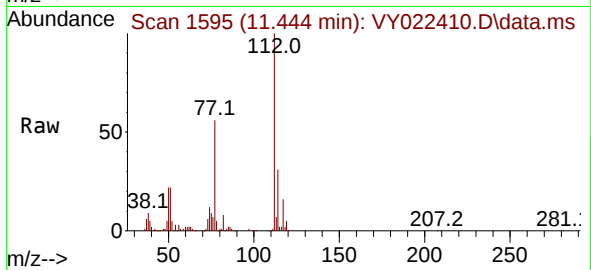
VY0523SBSD01

Tgt Ion:112 Resp: 136439

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.833 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

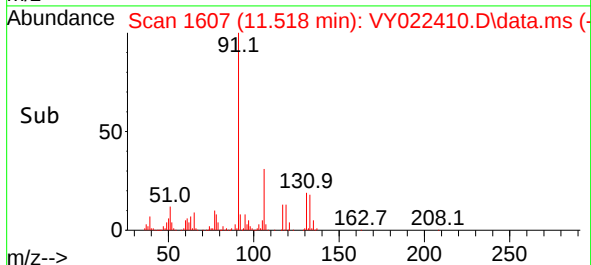
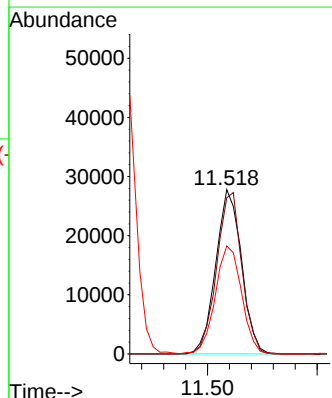
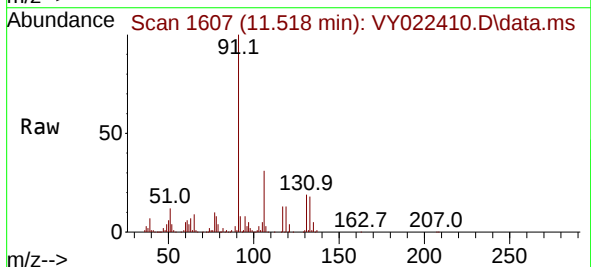
Tgt Ion:131 Resp: 45297

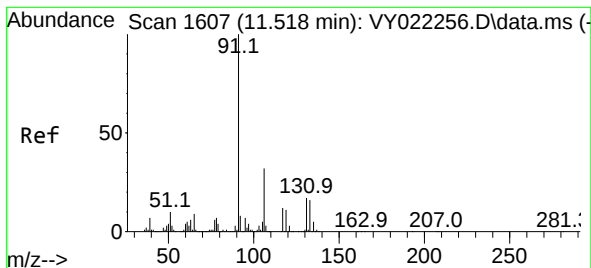
Ion Ratio Lower Upper

131 100

133 96.6 47.3 141.9

119 67.2 33.1 99.2

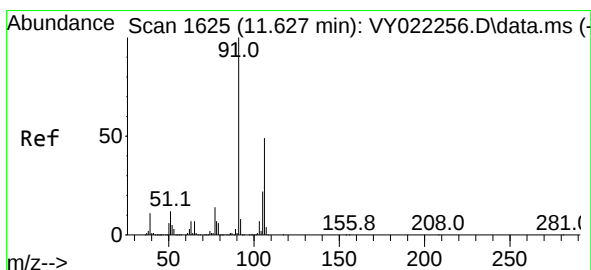
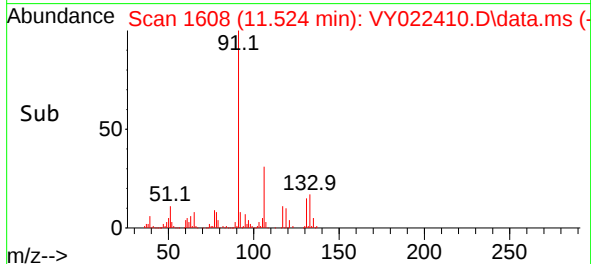
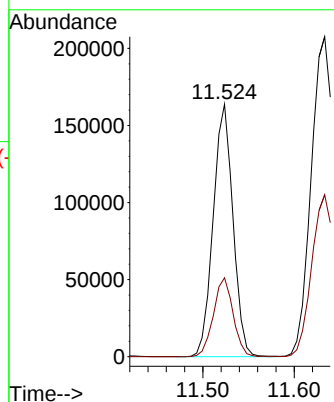
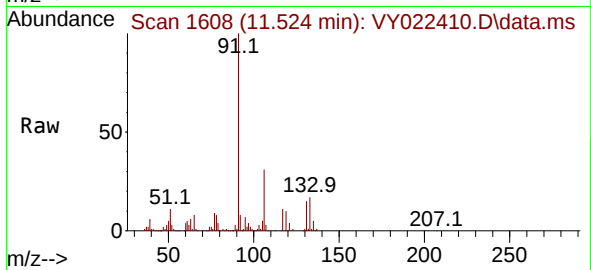




#67  
Ethyl Benzene  
Concen: 18.770 ug/l  
RT: 11.524 min Scan# 1608  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

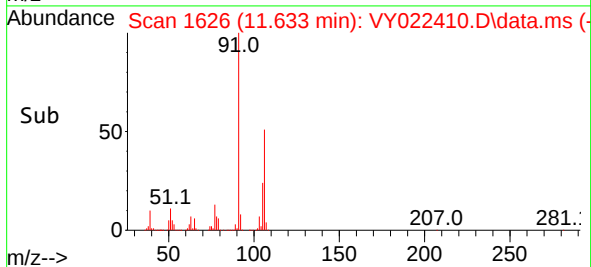
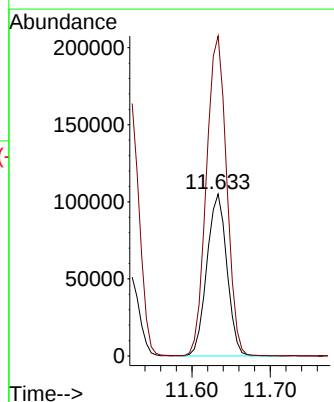
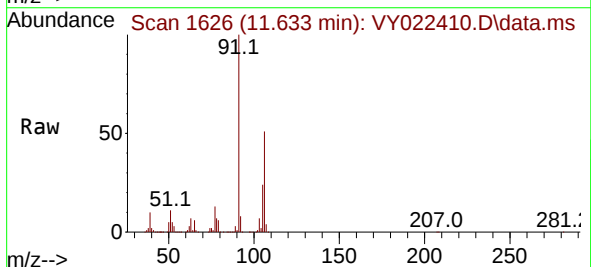
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

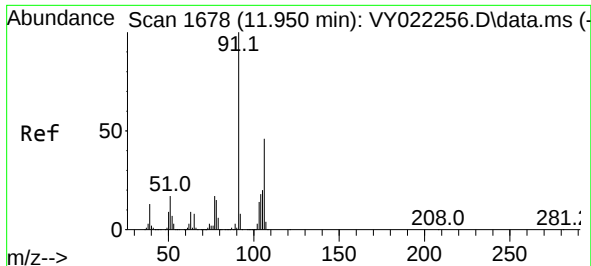
Tgt Ion: 91 Resp: 245943  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.4 38.0



#68  
m/p-Xylenes  
Concen: 37.778 ug/l  
RT: 11.633 min Scan# 1626  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion:106 Resp: 186520  
Ion Ratio Lower Upper  
106 100  
91 199.7 163.0 244.4

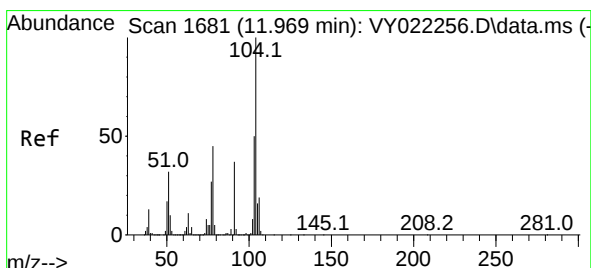
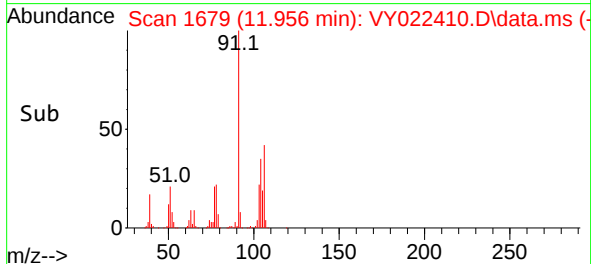
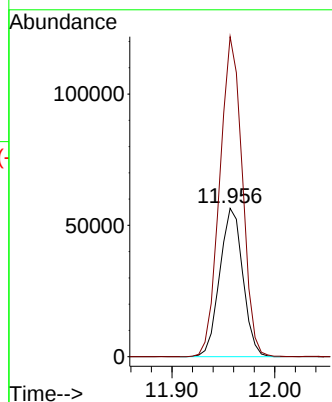
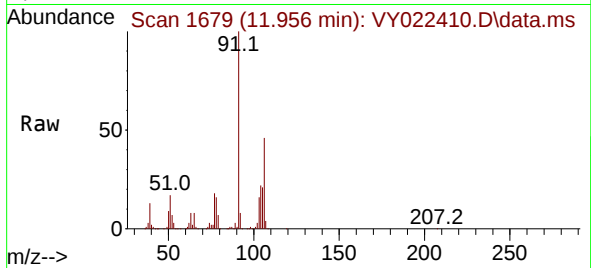




#69  
o-Xylene  
Concen: 18.862 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

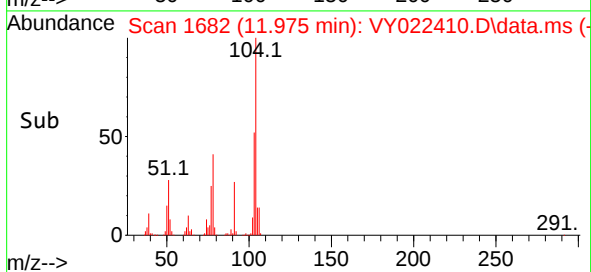
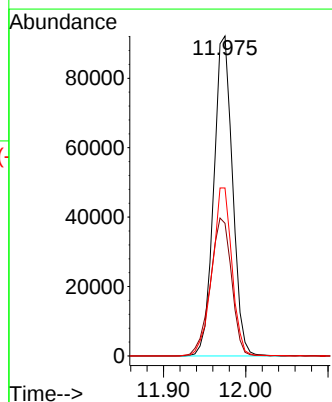
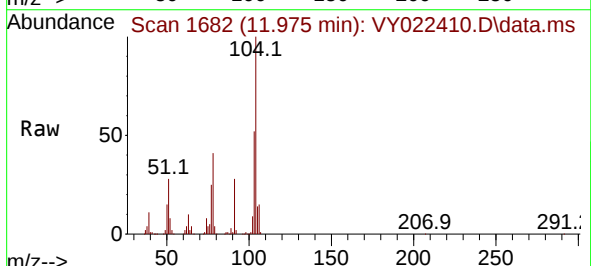
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

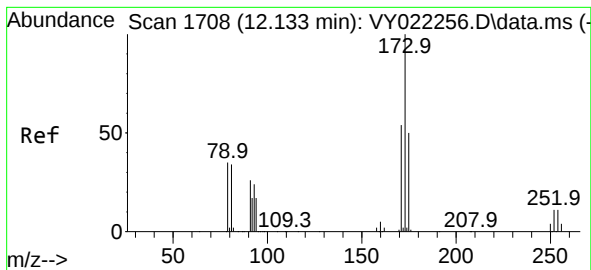
Tgt Ion:106 Resp: 88111  
Ion Ratio Lower Upper  
106 100  
91 211.0 108.3 324.8



#70  
Styrene  
Concen: 18.533 ug/l  
RT: 11.975 min Scan# 1682  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion:104 Resp: 146038  
Ion Ratio Lower Upper  
104 100  
78 49.1 40.9 61.3  
103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.042 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

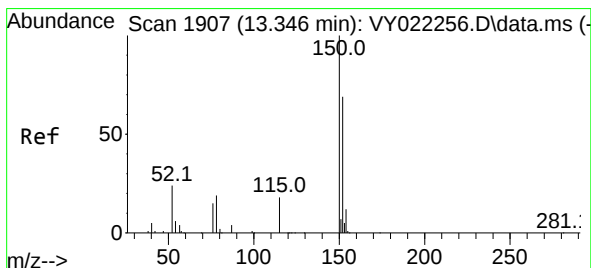
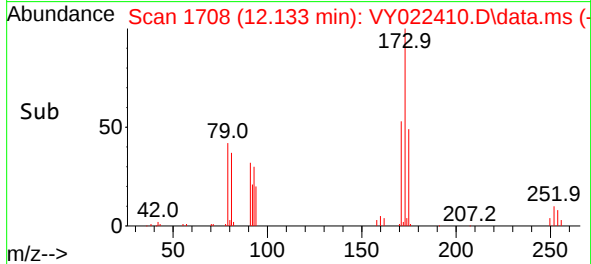
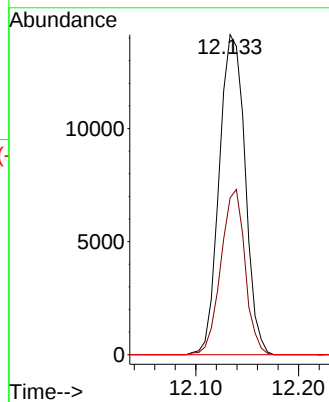
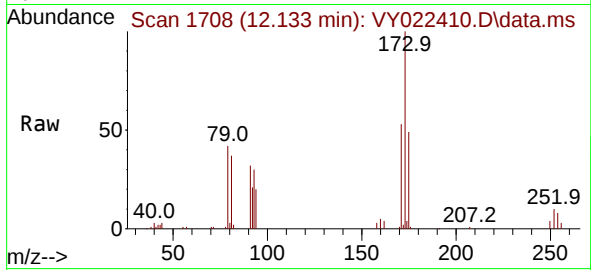
Tgt Ion:173 Resp: 24721

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

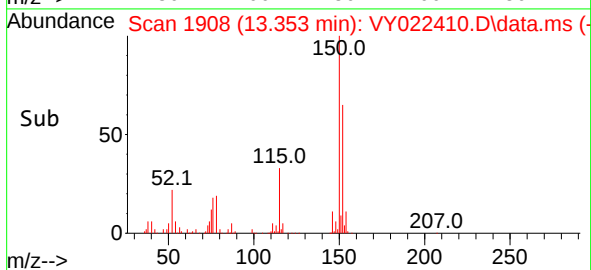
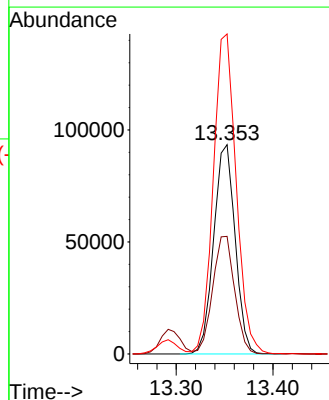
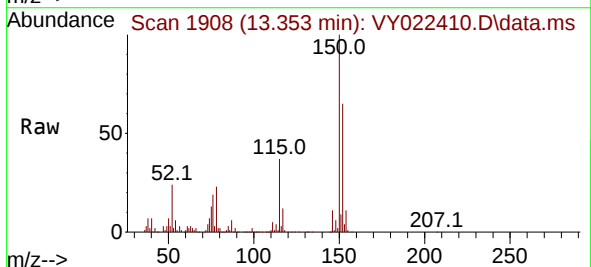
Tgt Ion:152 Resp: 143885

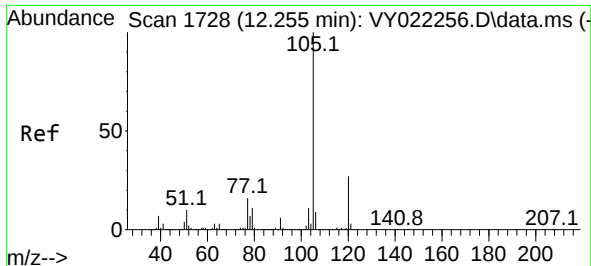
Ion Ratio Lower Upper

152 100

115 57.8 29.4 88.2

150 162.8 0.0 353.8

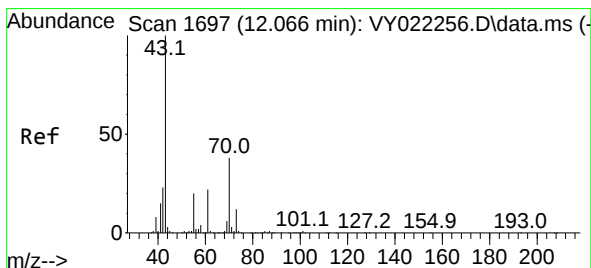
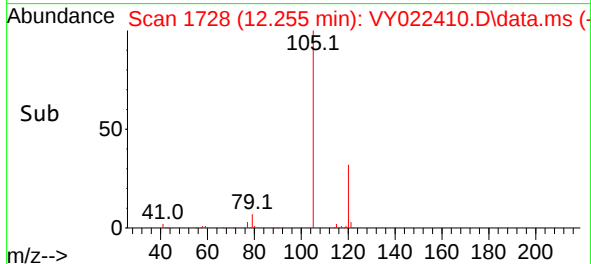
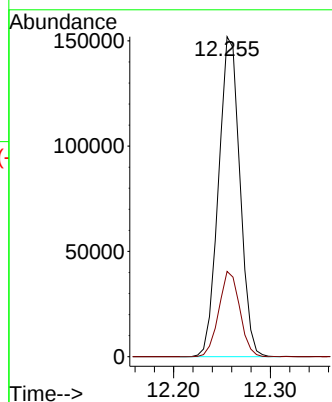
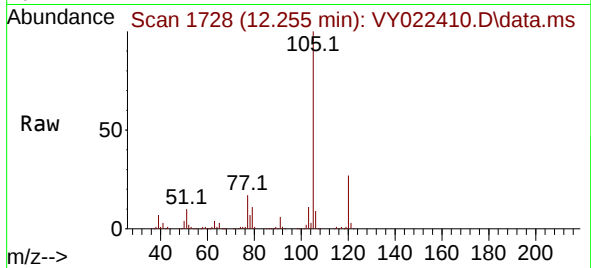




#73  
Isopropylbenzene  
Concen: 19.522 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

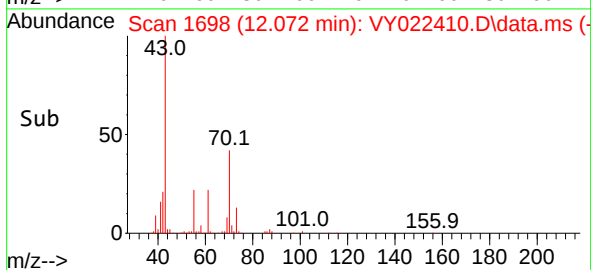
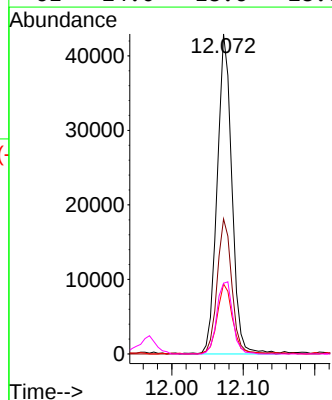
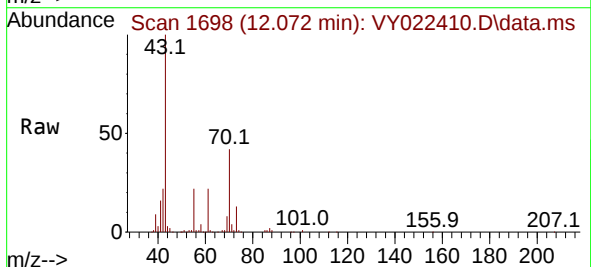
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

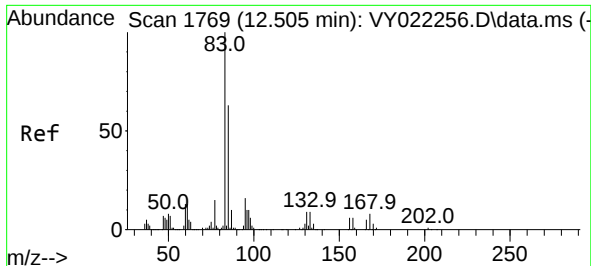
Tgt Ion:105 Resp: 232709  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.2 39.6



#74  
N-ethyl acetate  
Concen: 18.045 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 43 Resp: 61518  
Ion Ratio Lower Upper  
43 100  
70 41.7 31.4 47.0  
55 22.8 17.0 25.6  
61 24.0 18.6 28.0

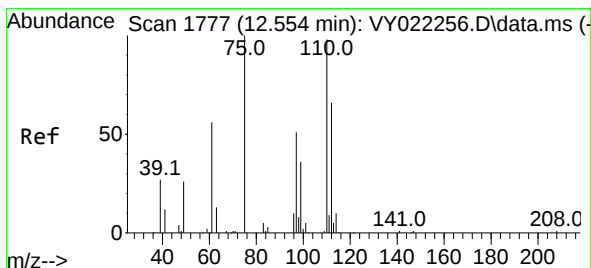
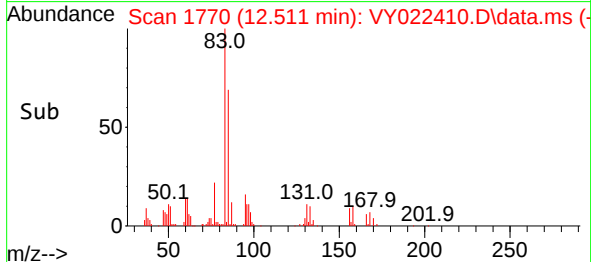
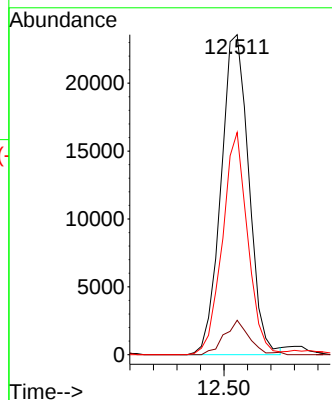
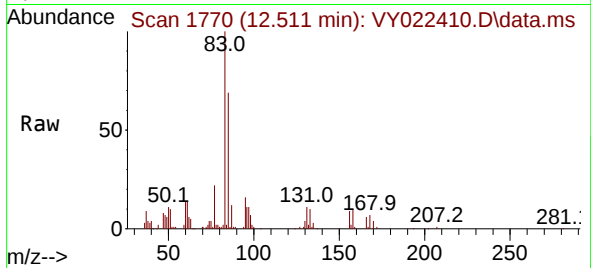




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.151 ug/l  
 RT: 12.511 min Scan# 1770  
 Delta R.T. 0.006 min  
 Lab File: VY022410.D  
 Acq: 23 May 2025 16:50

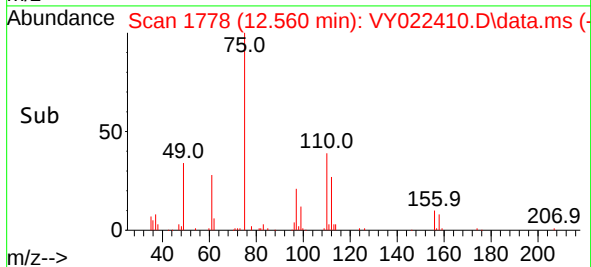
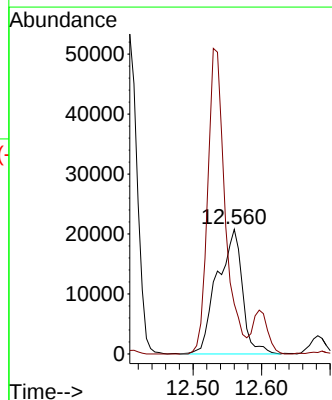
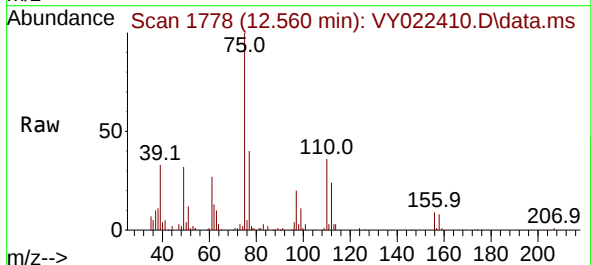
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0523SBS01

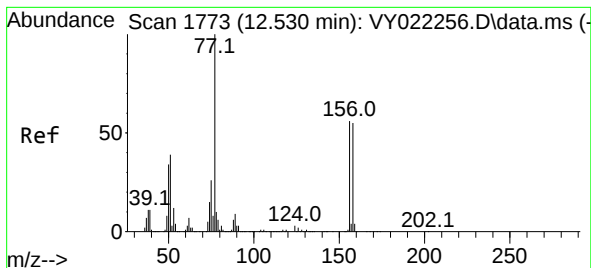
Tgt Ion: 83 Resp: 38775  
 Ion Ratio Lower Upper  
 83 100  
 131 9.7 4.9 14.7  
 85 63.2 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 36.341 ug/l  
 RT: 12.560 min Scan# 1778  
 Delta R.T. 0.006 min  
 Lab File: VY022410.D  
 Acq: 23 May 2025 16:50

Tgt Ion: 75 Resp: 52974  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.570 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBS01

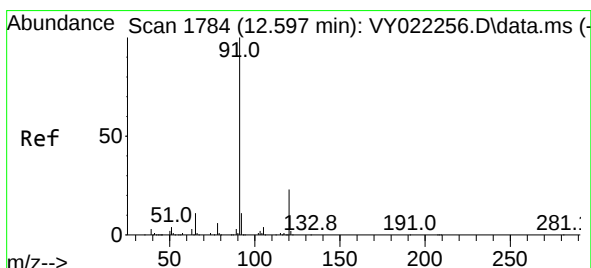
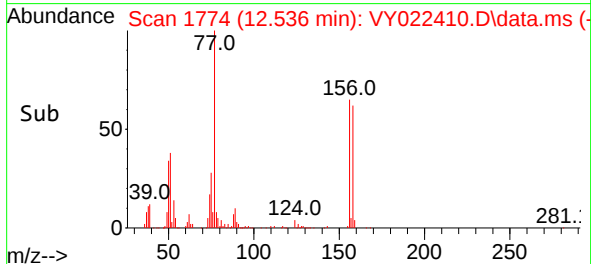
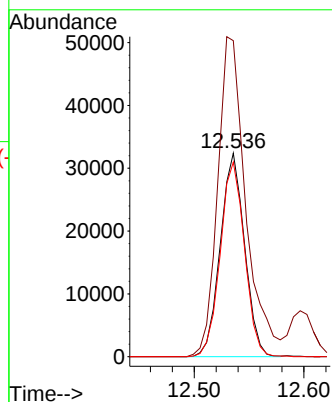
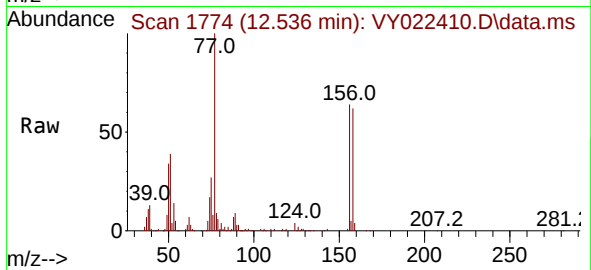
Tgt Ion:156 Resp: 49824

Ion Ratio Lower Upper

156 100

77 182.0 94.5 283.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 19.466 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022410.D

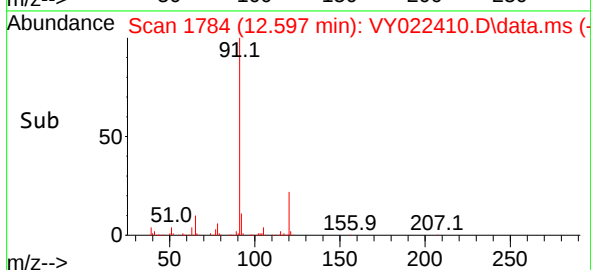
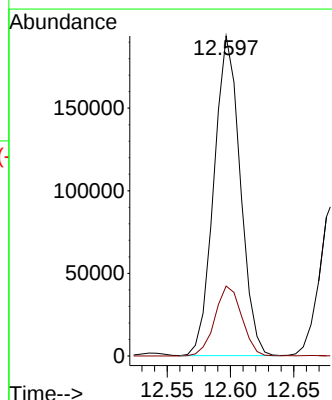
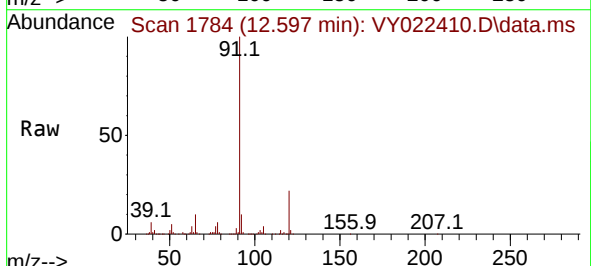
Acq: 23 May 2025 16:50

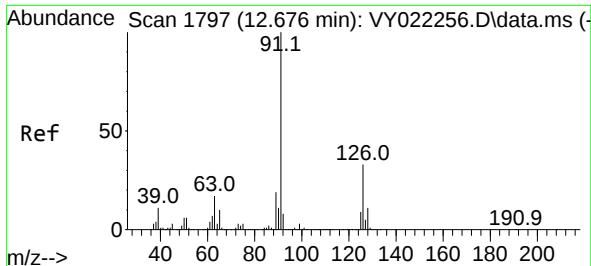
Tgt Ion: 91 Resp: 279878

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.3

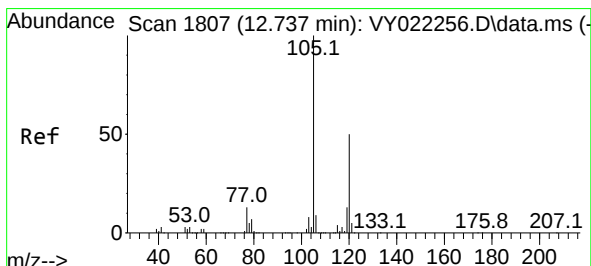
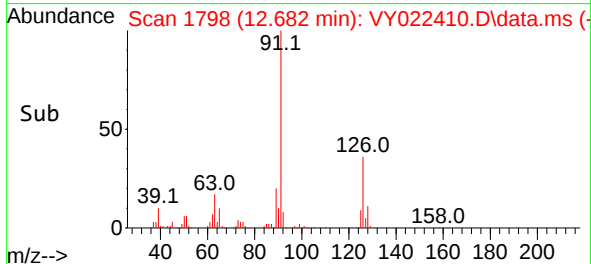
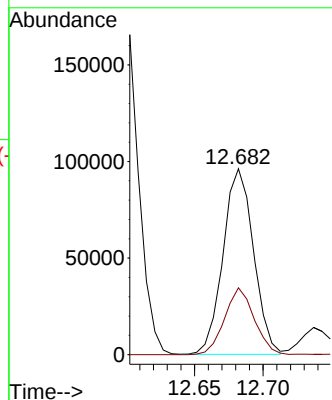
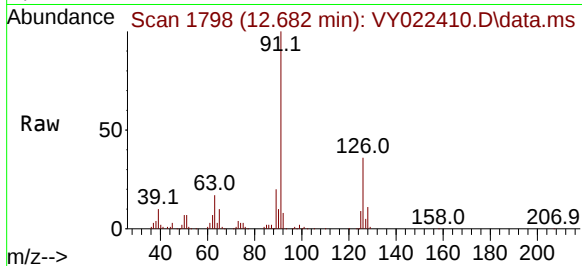




#79  
2-Chlorotoluene  
Concen: 18.862 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

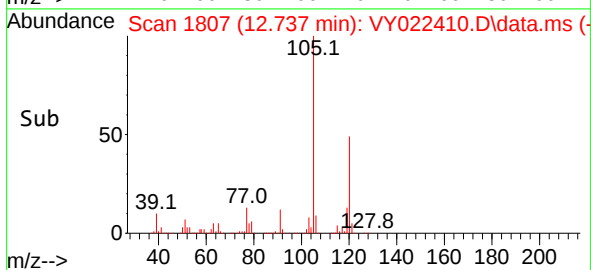
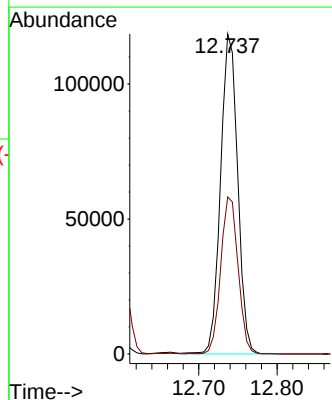
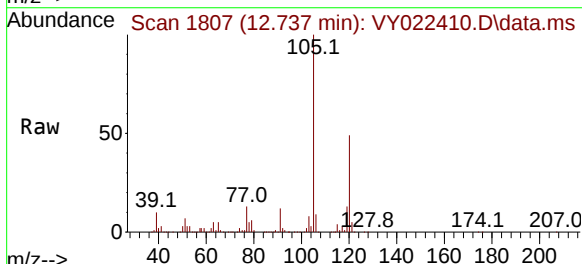
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

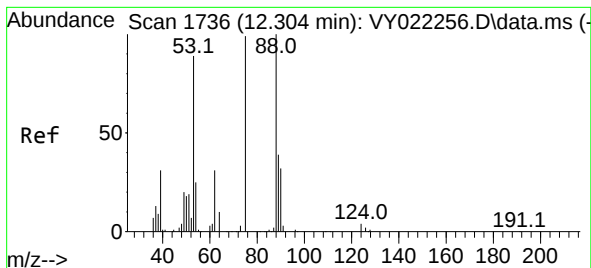
Tgt Ion: 91 Resp: 149035  
Ion Ratio Lower Upper  
91 100  
126 35.1 16.8 50.4



#80  
1,3,5-Trimethylbenzene  
Concen: 18.763 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 105 Resp: 180541  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.2 72.6

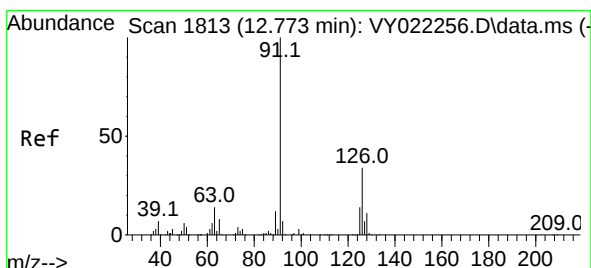
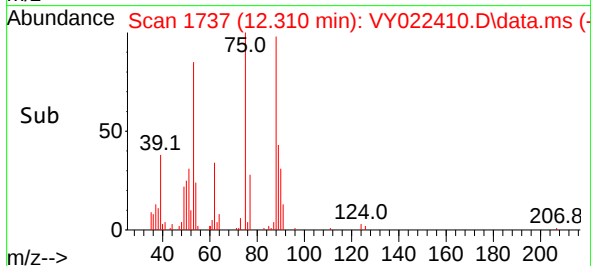
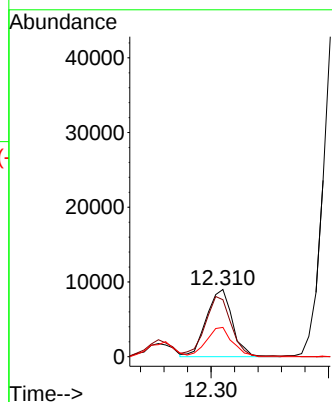
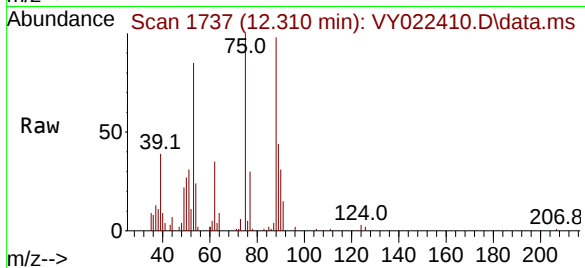




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.084 ug/l  
RT: 12.310 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

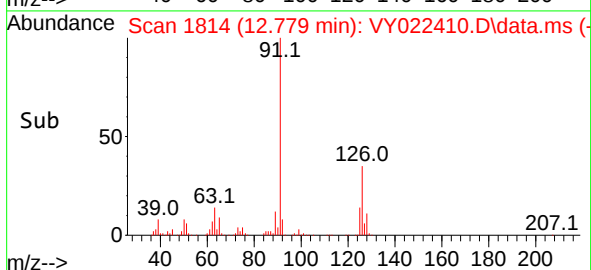
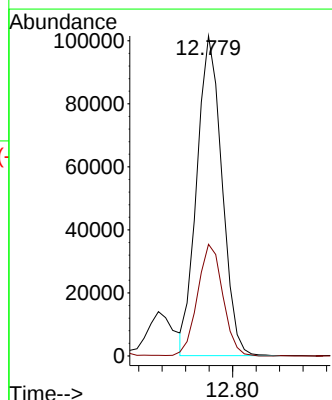
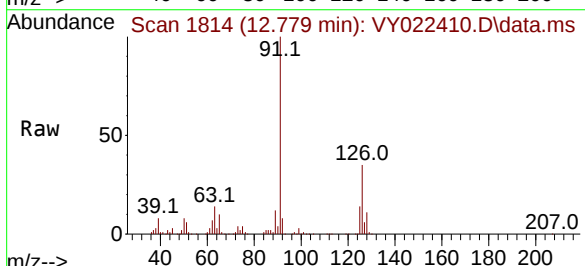
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBS01

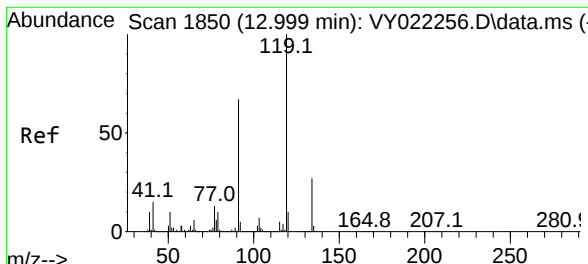
Tgt Ion: 75 Resp: 13733  
Ion Ratio Lower Upper  
75 100  
53 88.2 75.8 113.8  
89 43.8 36.2 54.2



#82  
4-Chlorotoluene  
Concen: 18.501 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 91 Resp: 150359  
Ion Ratio Lower Upper  
91 100  
126 35.1 16.8 50.4

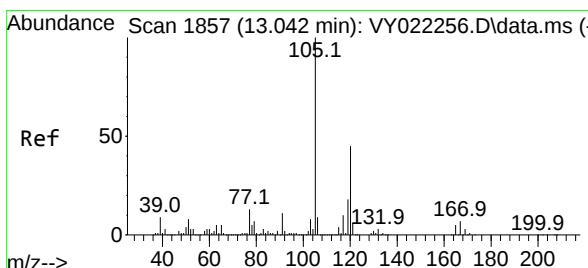
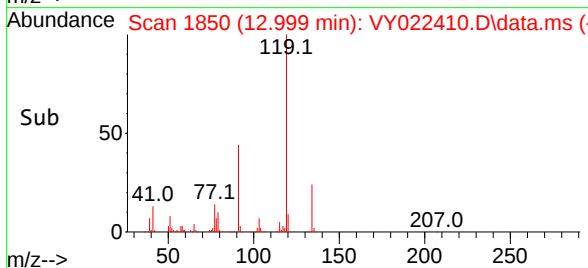
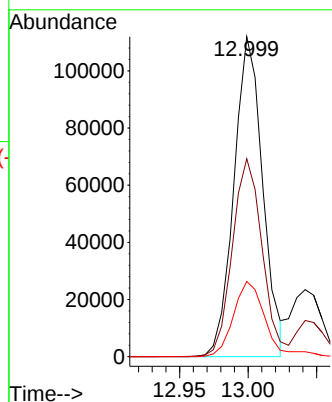
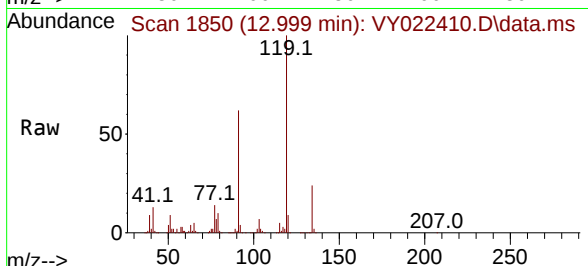




#83  
 tert-Butylbenzene  
 Concen: 19.152 ug/l  
 RT: 12.999 min Scan# 1850  
 Delta R.T. 0.000 min  
 Lab File: VY022410.D  
 Acq: 23 May 2025 16:50

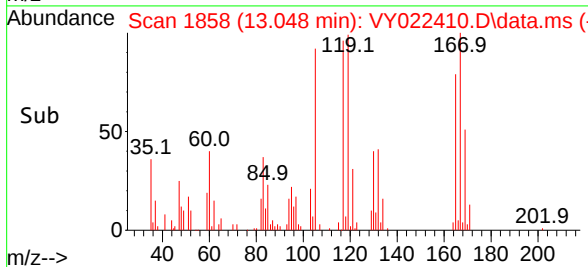
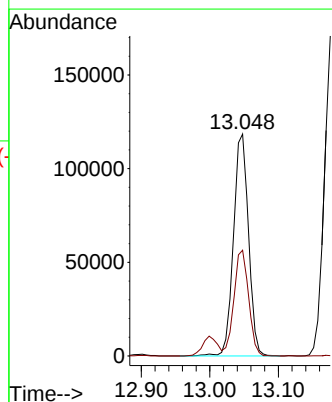
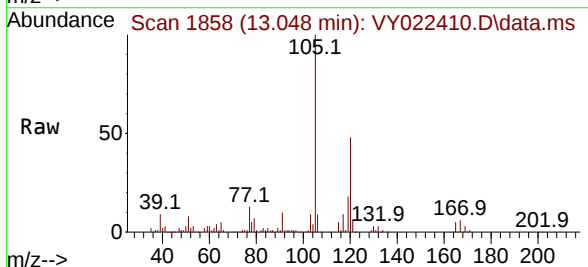
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0523SBSD01

Tgt Ion:119 Resp: 163800  
 Ion Ratio Lower Upper  
 119 100  
 91 64.3 32.8 98.3  
 134 26.0 12.9 38.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.876 ug/l  
 RT: 13.048 min Scan# 1858  
 Delta R.T. 0.006 min  
 Lab File: VY022410.D  
 Acq: 23 May 2025 16:50

Tgt Ion:105 Resp: 180298  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.763 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

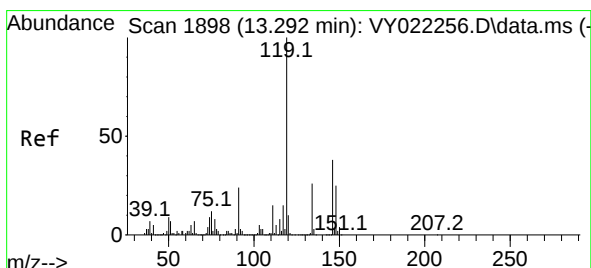
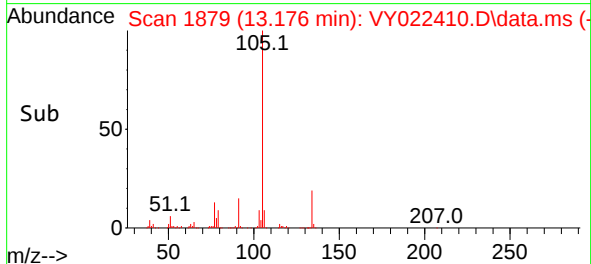
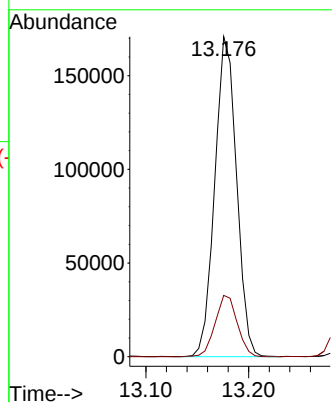
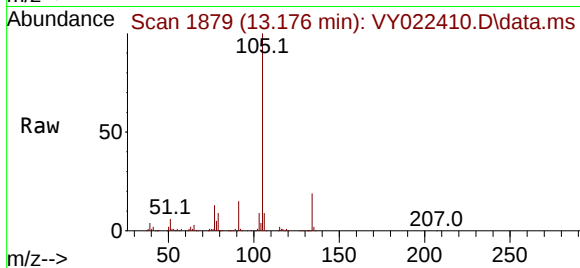
VY0523SBSD01

Tgt Ion:105 Resp: 250907

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 18.911 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

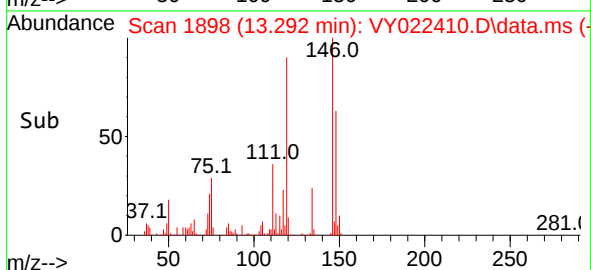
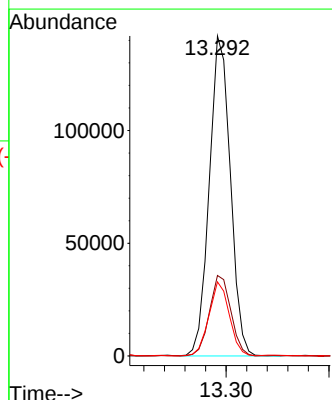
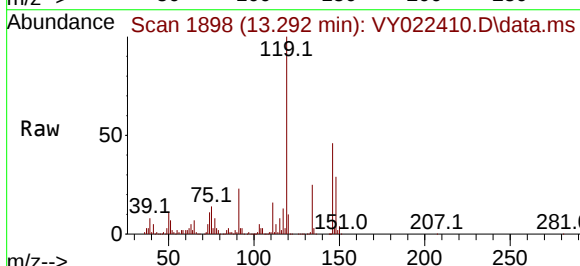
Tgt Ion:119 Resp: 201925

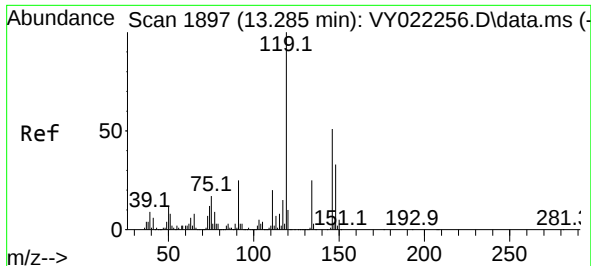
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 22.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.887 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

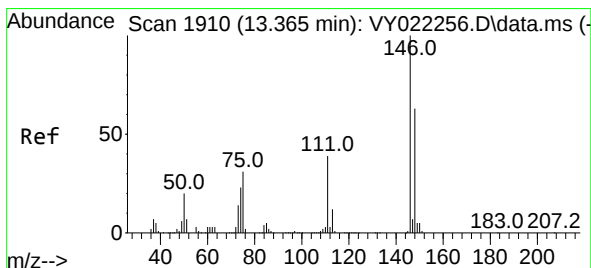
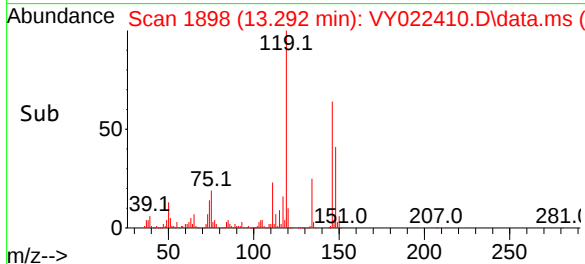
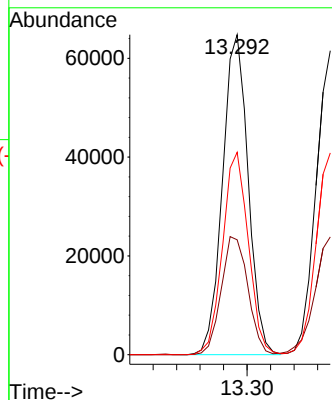
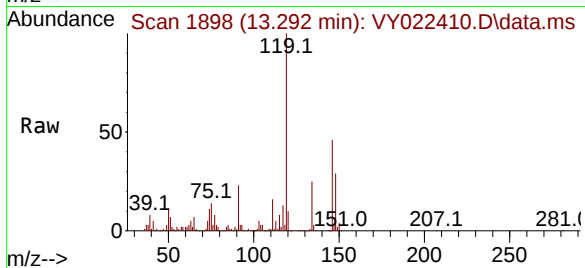
Tgt Ion:146 Resp: 98161

Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.082 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

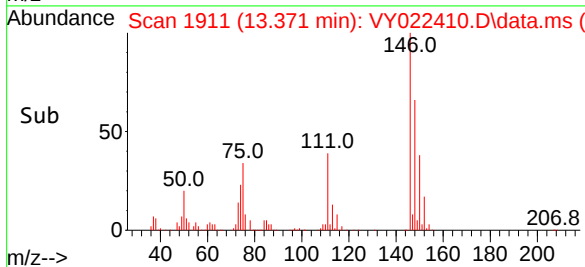
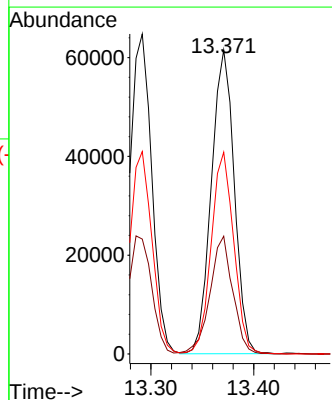
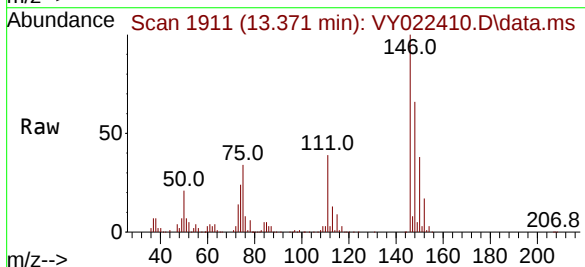
Tgt Ion:146 Resp: 95398

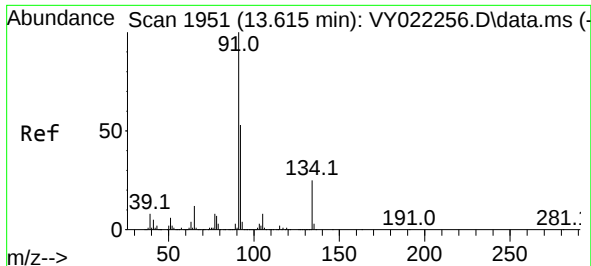
Ion Ratio Lower Upper

146 100

111 38.7 20.0 59.9

148 65.4 32.1 96.5

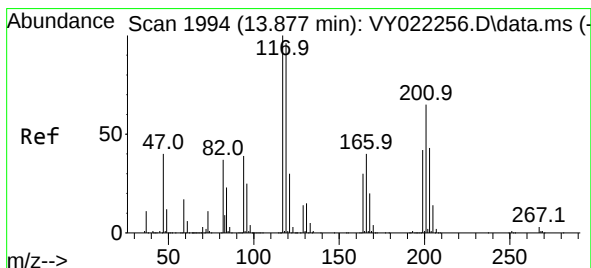
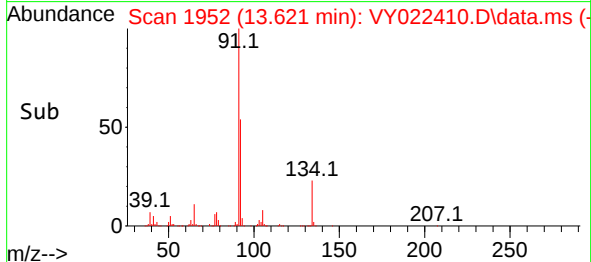
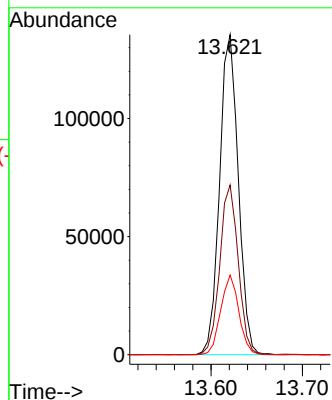
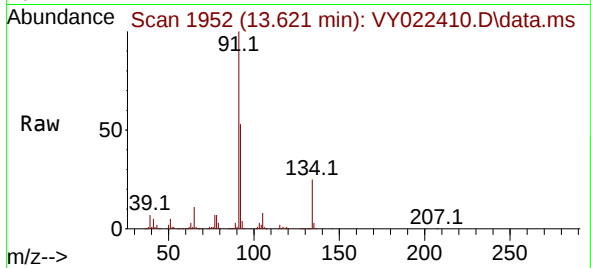




#89  
n-Butylbenzene  
Concen: 19.096 ug/l  
RT: 13.621 min Scan# 1952  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

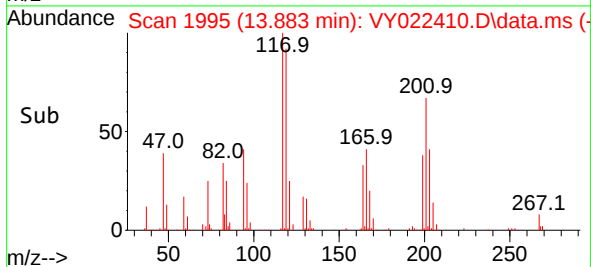
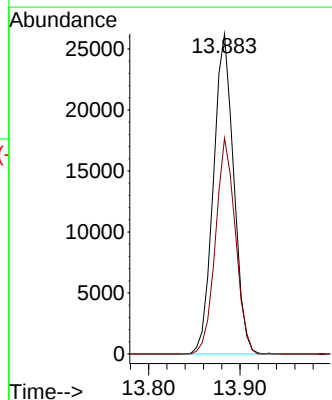
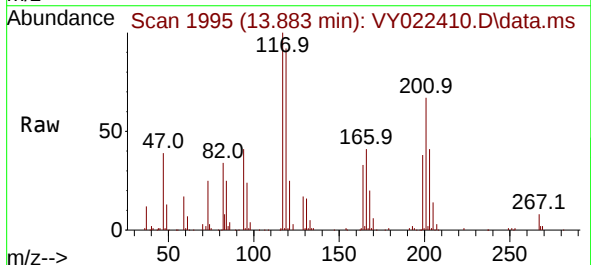
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

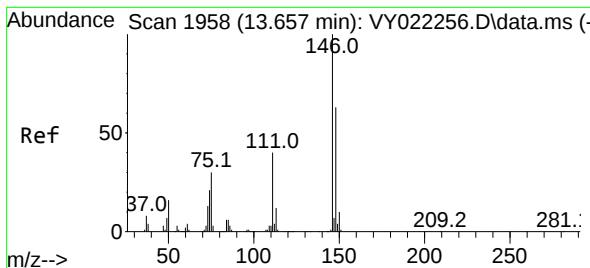
Tgt Ion: 91 Resp: 192901  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.3 78.9  
134 24.1 12.4 37.4



#90  
Hexachloroethane  
Concen: 18.768 ug/l  
RT: 13.883 min Scan# 1995  
Delta R.T. 0.006 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 117 Resp: 40452  
Ion Ratio Lower Upper  
117 100  
201 66.1 35.2 105.6

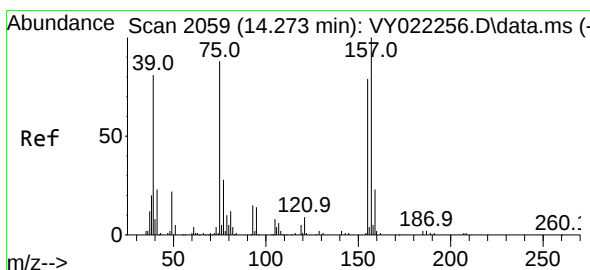
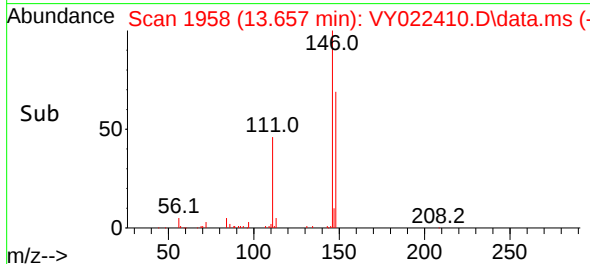
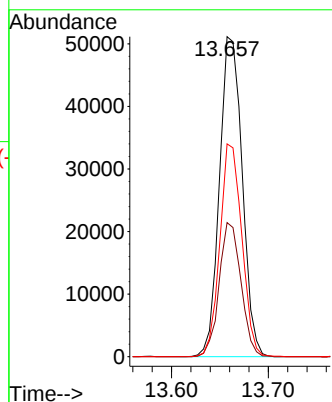
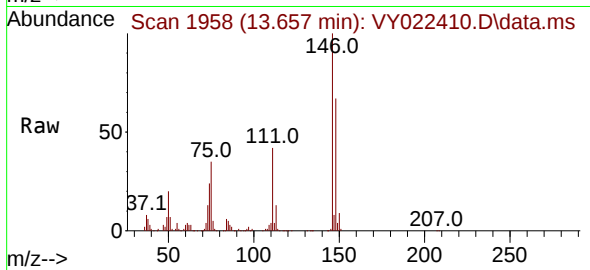




#91  
1,2-Dichlorobenzene  
Concen: 19.092 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

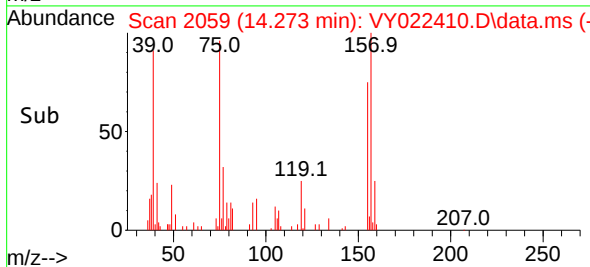
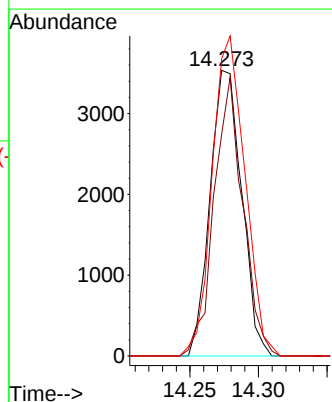
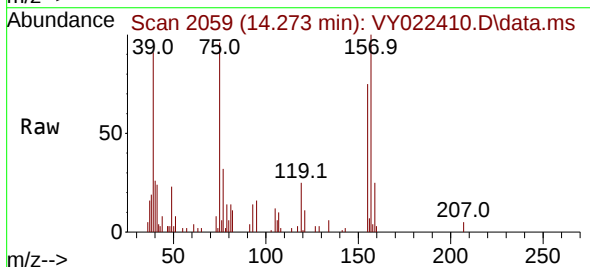
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0523SBSD01

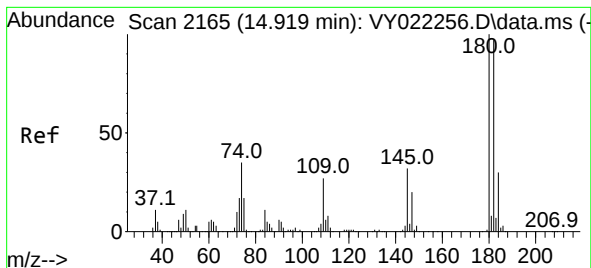
Tgt Ion:146 Resp: 83346  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.5 61.5  
148 64.4 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.214 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VY022410.D  
Acq: 23 May 2025 16:50

Tgt Ion: 75 Resp: 5680  
Ion Ratio Lower Upper  
75 100  
155 88.9 43.4 130.1  
157 115.7 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 18.451 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

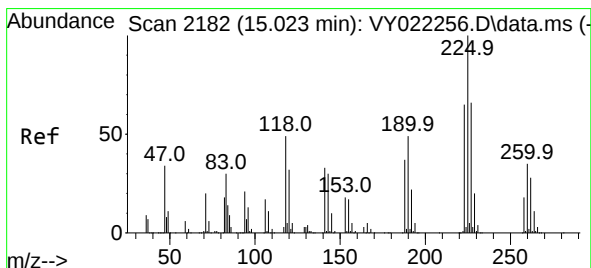
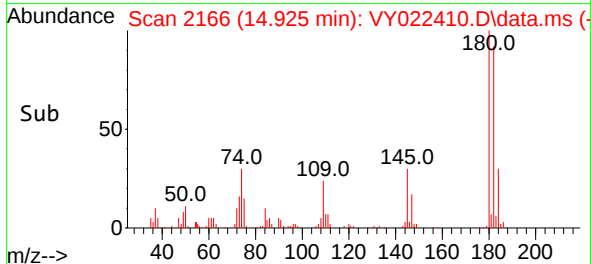
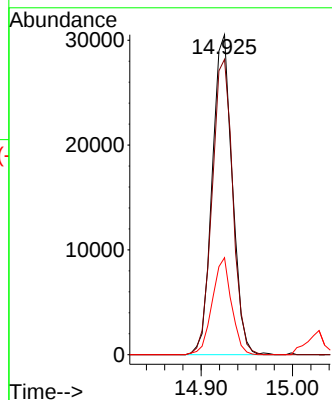
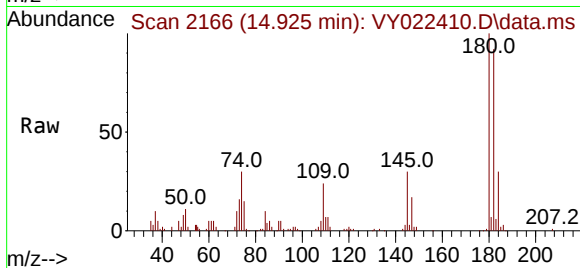
Tgt Ion:180 Resp: 46528

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 29.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.116 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

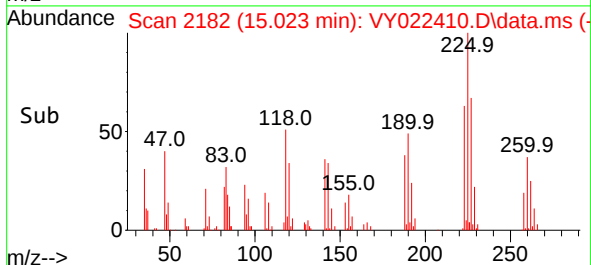
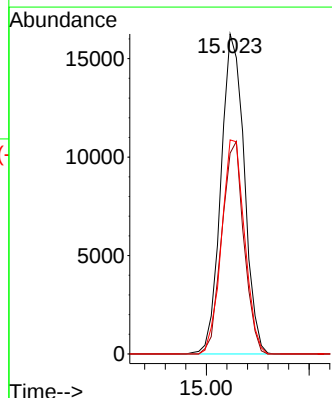
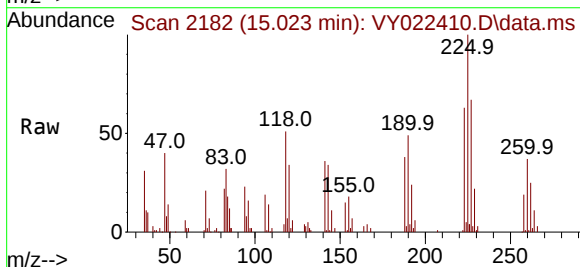
Tgt Ion:225 Resp: 25477

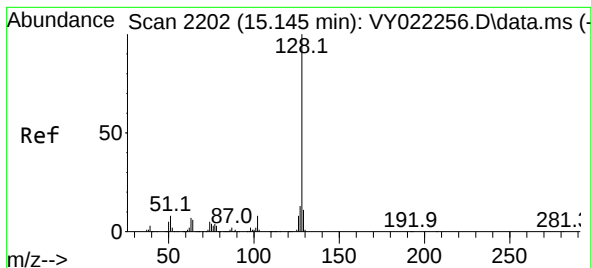
Ion Ratio Lower Upper

225 100

223 63.2 31.5 94.5

227 66.4 32.1 96.3





#95

Naphthalene

Concen: 19.025 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

VY0523SBSD01

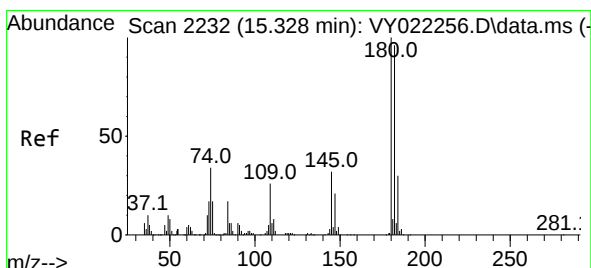
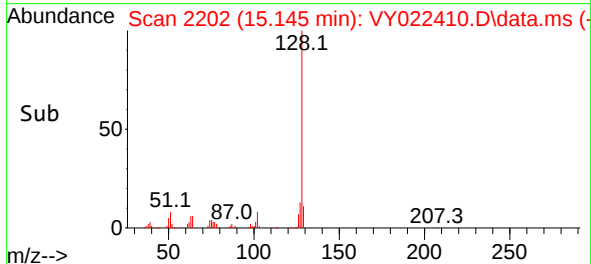
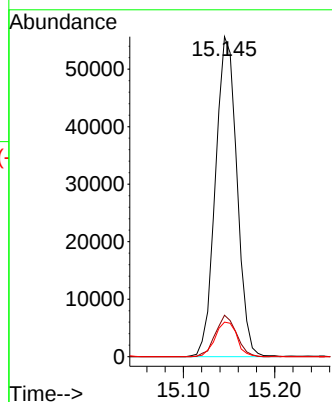
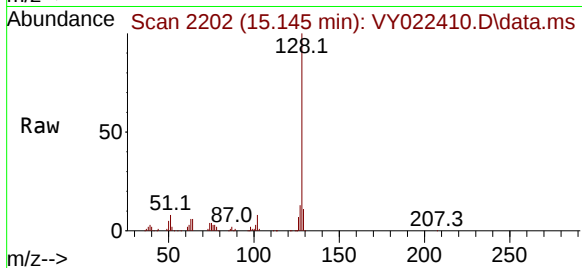
Tgt Ion:128 Resp: 91043

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.117 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022410.D

Acq: 23 May 2025 16:50

Tgt Ion:180 Resp: 38757

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 32.1 15.9 47.6

