

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030725\  
 Data File : VY021453.D  
 Acq On : 07 Mar 2025 12:03  
 Operator : SY/MD  
 Sample : VY0307SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

Quant Time: Mar 07 22:00:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 05 12:42:45 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 219868   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 343563   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 301562   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 152803   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 123341   | 53.076   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 106.160% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 117478   | 52.021   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.040% |      |
| 50) Toluene-d8              | 10.109 | 98    | 444032   | 51.930   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 103.860% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 148084   | 50.913   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 101.820% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 39418  | 19.537  | ug/l   | 94  |
| 3) Chloromethane             | 2.068 | 50  | 57411  | 20.182  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.202 | 62  | 64302  | 20.685  | ug/l   | 96  |
| 5) Bromomethane              | 2.592 | 94  | 46339  | 20.625  | ug/l   | 96  |
| 6) Chloroethane              | 2.732 | 64  | 44175  | 21.504  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 94934  | 21.880  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.452 | 74  | 23849  | 19.834  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 49349  | 19.921  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.007 | 142 | 48739  | 19.355  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 4.872 | 59  | 18258  | 108.044 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 43870  | 19.424  | ug/l   | 97  |
| 13) Acrolein                 | 3.647 | 56  | 16580  | 140.270 | ug/l   | 95  |
| 14) Allyl chloride           | 4.385 | 41  | 70258  | 19.249  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.061 | 53  | 50908  | 99.456  | ug/l   | 98  |
| 16) Acetone                  | 3.866 | 43  | 58595  | 115.604 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.104 | 76  | 133704 | 18.890  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.385 | 43  | 23025  | 20.473  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 110998 | 19.390  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.616 | 84  | 54760  | 20.582  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 49678  | 19.641  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.018 | 45  | 157929 | 20.078  | ug/l   | 99  |
| 23) Vinyl Acetate            | 5.957 | 43  | 450639 | 100.386 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 91407  | 19.690  | ug/l   | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 75161  | 107.199 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 82994  | 19.429  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 54488  | 18.963  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.244 | 49  | 37442  | 19.238  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 44158  | 102.018 | ug/l   | 97  |
| 30) Chloroform               | 7.421 | 83  | 95944  | 19.903  | ug/l   | 99  |
| 31) Cyclohexane              | 7.701 | 56  | 82128  | 18.870  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 86978  | 19.705  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 68637  | 19.417  | ug/l   | 98  |
| 37) Ethyl Acetate            | 6.982 | 43  | 31592  | 20.220  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 79070  | 19.449  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.109 | 83  | 81593  | 18.818  | ug/l   | 99  |
| 40) Benzene                  | 8.079 | 78  | 202793 | 19.475  | ug/l   | 99  |

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 Sample : VY0307SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

Quant Time: Mar 07 22:00:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 05 12:42:45 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.256  | 41   | 41781    | 49.112  | ug/l # | 36       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 57755    | 19.826  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 59917    | 19.755  | ug/l # | 87       |
| 44) Trichloroethene           | 8.865  | 130  | 50339    | 19.130  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 49619    | 20.021  | ug/l   | 97       |
| 46) Dibromomethane            | 9.231  | 93   | 27131    | 19.675  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.426  | 83   | 71823    | 19.613  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.219  | 41   | 27630    | 19.839  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.237  | 88   | 5803     | 428.740 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 157126   | 100.404 | ug/l   | 98       |
| 52) Toluene                   | 10.170 | 92   | 128919   | 19.637  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 62838    | 19.476  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 73636    | 19.223  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 35572    | 19.720  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 44620    | 19.396  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 60936    | 19.491  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 107568   | 101.290 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.762 | 43   | 109553   | 105.872 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.914 | 129  | 47870    | 19.358  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 33437    | 19.641  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.646 | 164  | 48058    | 19.598  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.444 | 112  | 135015   | 18.959  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 48814    | 19.388  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.517 | 91   | 238496   | 19.081  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 184669   | 38.916  | ug/l   | 99       |
| 69) o-Xylene                  | 11.956 | 106  | 83621    | 19.120  | ug/l   | 99       |
| 70) Styrene                   | 11.969 | 104  | 140205   | 19.324  | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 28337    | 20.134  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 227722   | 18.919  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 49116    | 18.789  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 41732    | 19.647  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 53382    | 34.669  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 51851    | 18.413  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.597 | 91   | 280785   | 19.208  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 159129   | 19.038  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 187183   | 19.136  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 13174    | 19.450  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 166239   | 19.206  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.999 | 119  | 163102   | 18.691  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.048 | 105  | 185591   | 19.109  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.176 | 105  | 249181   | 19.192  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 202582   | 18.939  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 105372   | 18.798  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146  | 104875   | 19.131  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.621 | 91   | 186240   | 18.856  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 43553    | 19.087  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.663 | 146  | 91257    | 18.995  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 6311     | 19.835  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 14.925 | 180  | 47173    | 17.977  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.029 | 225  | 31456    | 19.123  | ug/l   | 99       |
| 95) Naphthalene               | 15.151 | 128  | 74806    | 18.887  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.334 | 180  | 39961    | 18.107  | ug/l   | 99       |

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Sample : VY0307SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

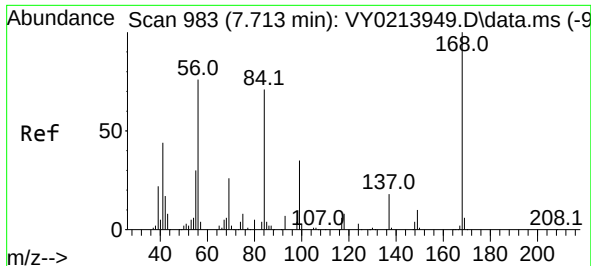
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

Quant Time: Mar 07 22:00:05 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 05 12:42:45 2025  
Response via : Initial Calibration

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

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

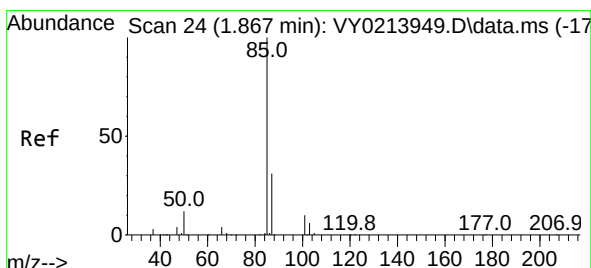
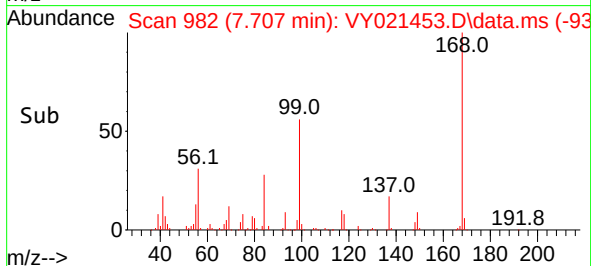
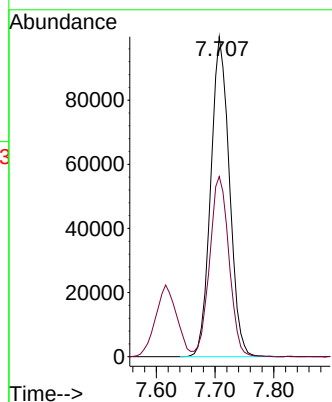
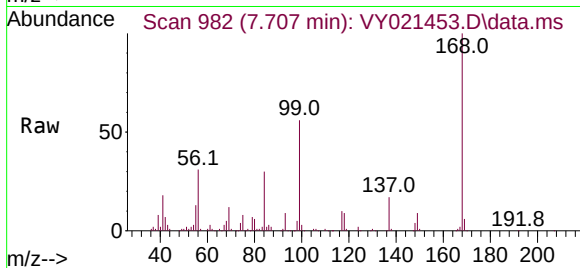




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

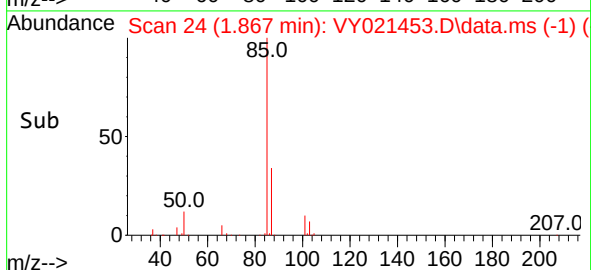
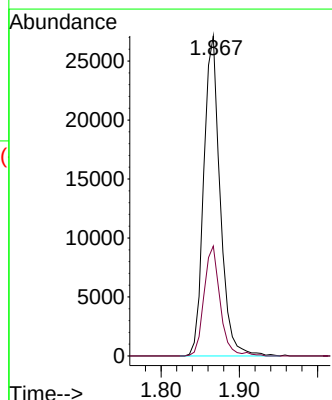
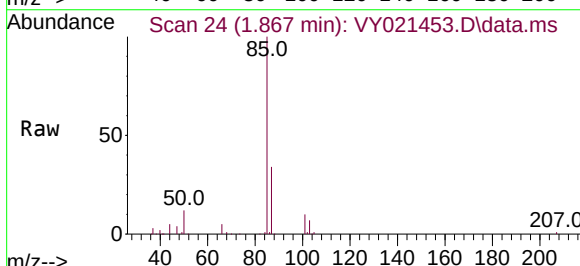
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

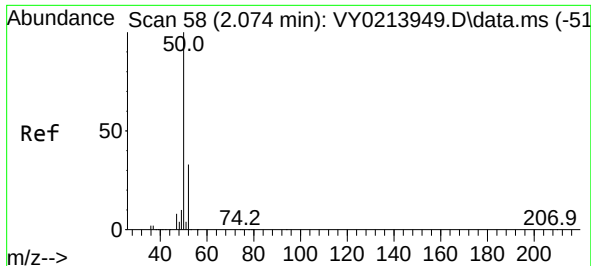
Tgt Ion:168 Resp: 219868  
Ion Ratio Lower Upper  
168 100  
99 56.3 46.0 69.0



#2  
Dichlorodifluoromethane  
Concen: 19.537 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 85 Resp: 39418  
Ion Ratio Lower Upper  
85 100  
87 34.3 15.7 47.0

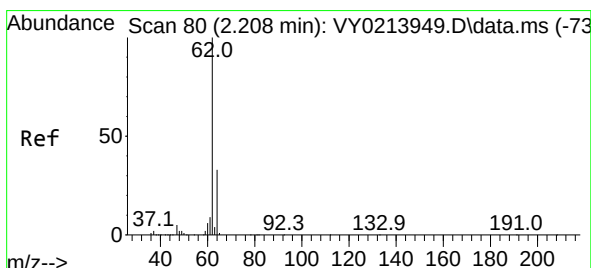
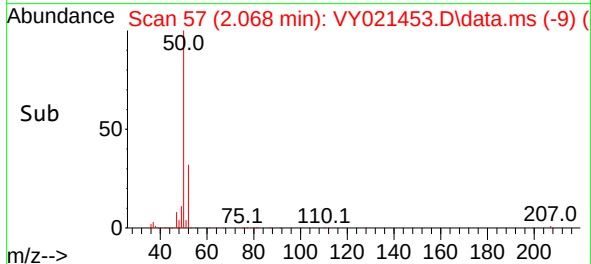
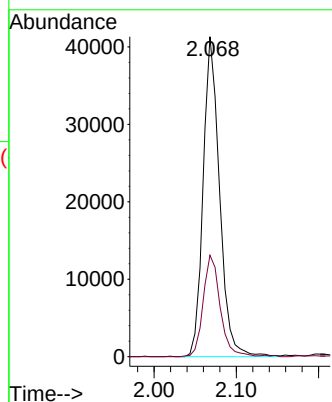
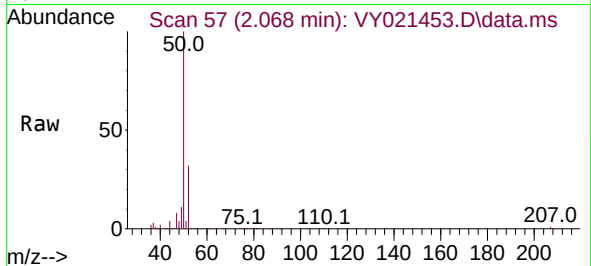




#3  
Chloromethane  
Concen: 20.182 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

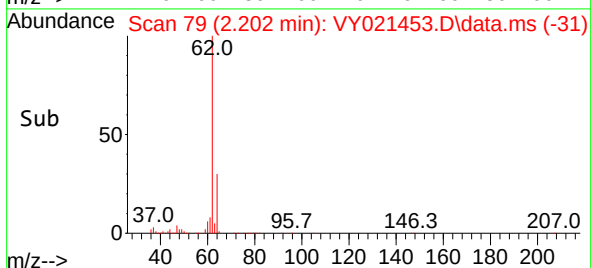
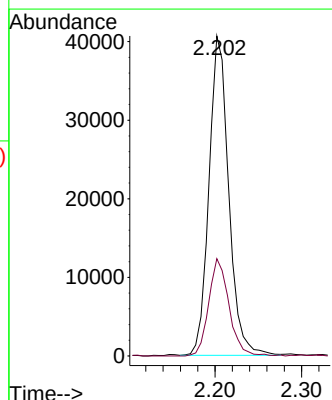
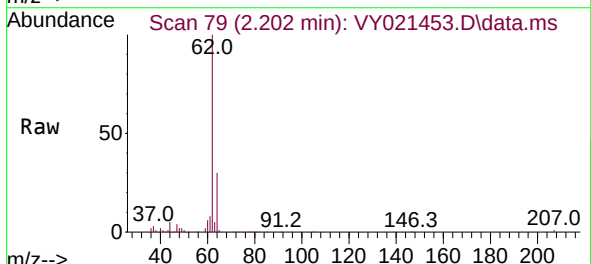
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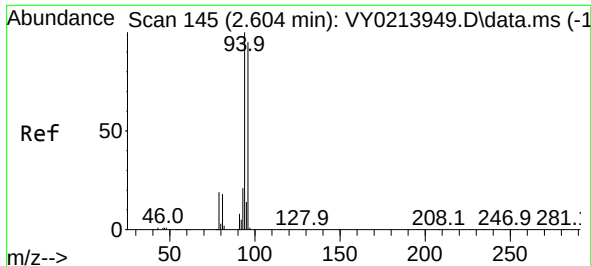
Tgt Ion: 50 Resp: 57411  
Ion Ratio Lower Upper  
50 100  
52 31.7 26.2 39.2



#4  
Vinyl Chloride  
Concen: 20.685 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 62 Resp: 64302  
Ion Ratio Lower Upper  
62 100  
64 30.5 26.2 39.2

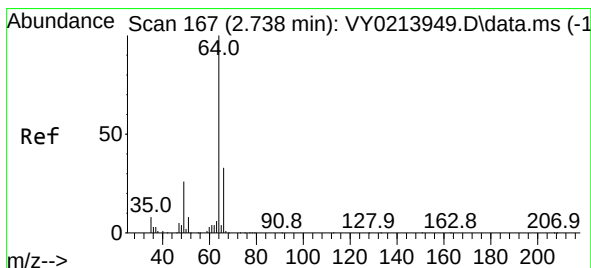
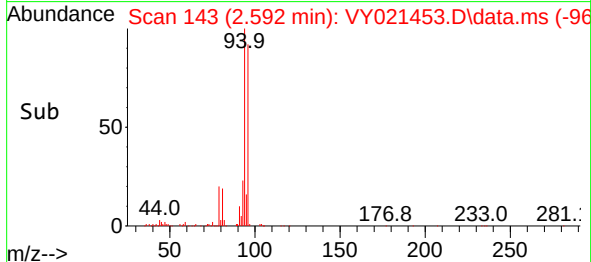
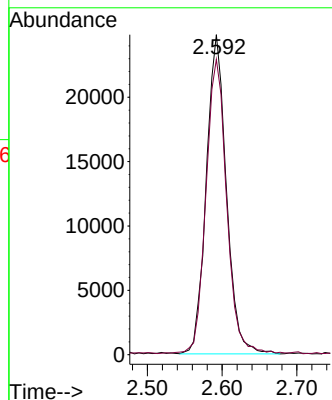
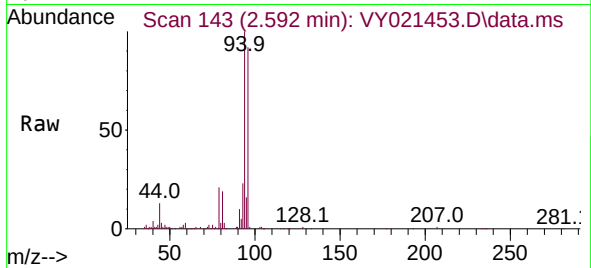




#5  
Bromomethane  
Concen: 20.625 ug/l  
RT: 2.592 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

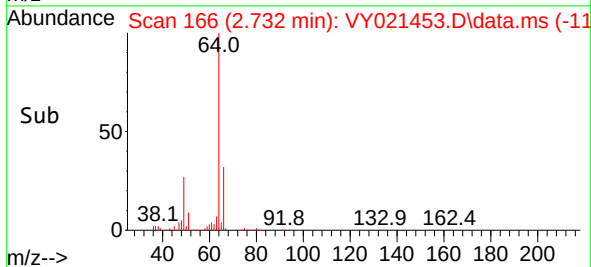
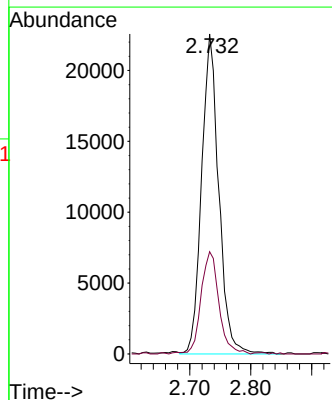
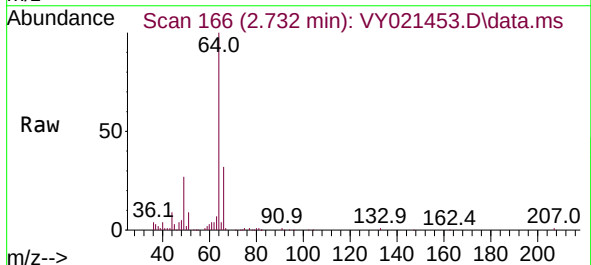
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

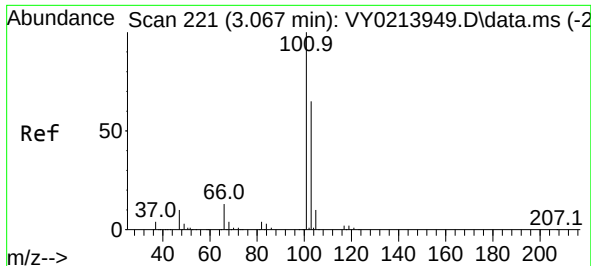
Tgt Ion: 94 Resp: 46339  
Ion Ratio Lower Upper  
94 100  
96 91.7 76.3 114.5



#6  
Chloroethane  
Concen: 21.504 ug/l  
RT: 2.732 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 64 Resp: 44175  
Ion Ratio Lower Upper  
64 100  
66 31.6 26.7 40.1

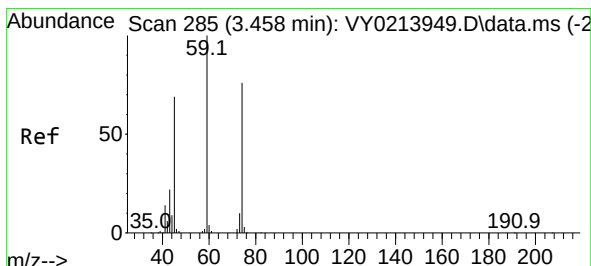
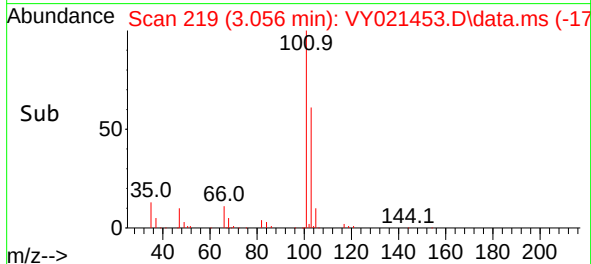
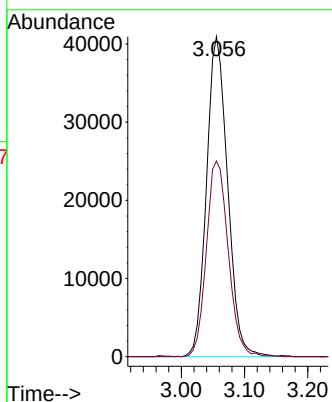
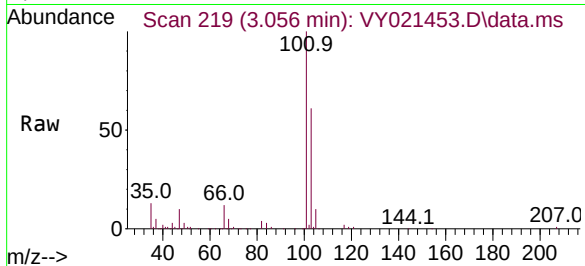




#7  
Trichlorofluoromethane  
Concen: 21.880 ug/l  
RT: 3.056 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

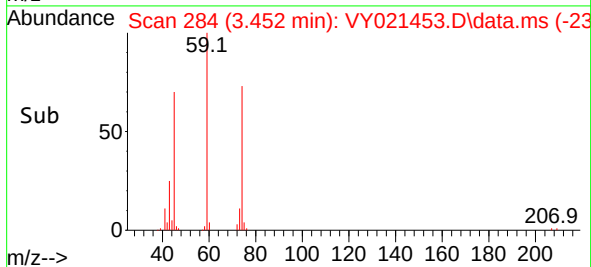
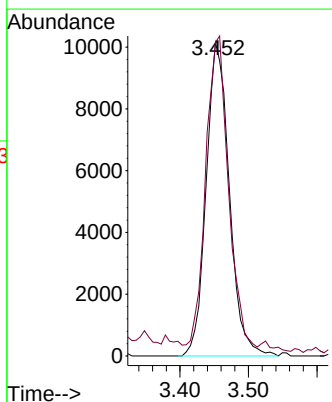
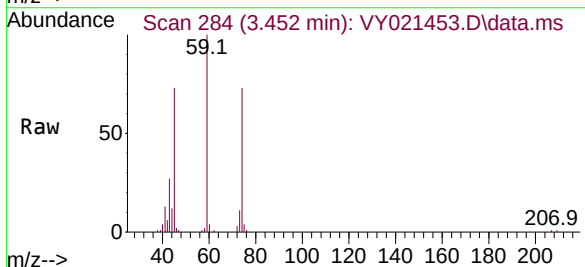
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

Tgt Ion:101 Resp: 94934  
Ion Ratio Lower Upper  
101 100  
103 61.0 51.7 77.5

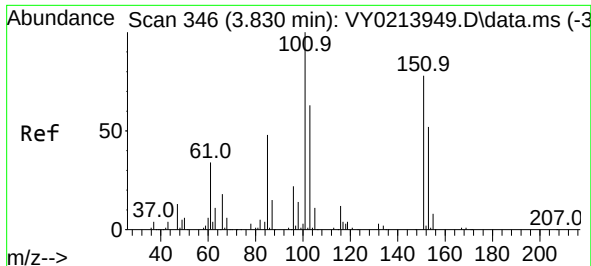


#8  
Diethyl Ether  
Concen: 19.834 ug/l  
RT: 3.452 min Scan# 284  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 74 Resp: 23849  
Ion Ratio Lower Upper  
74 100  
45 100.2 49.7 149.1



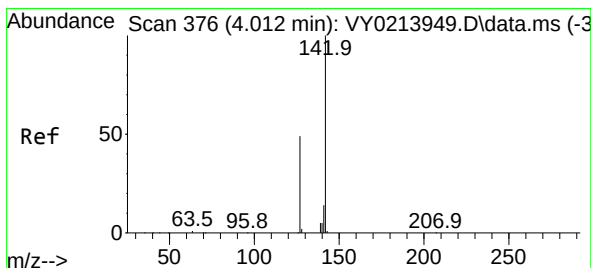
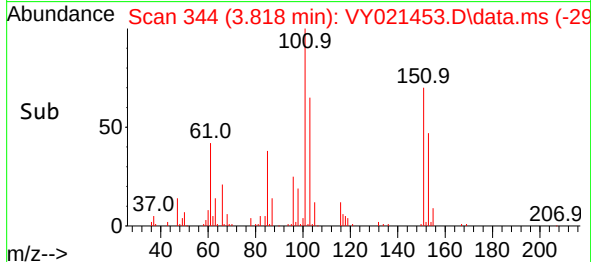
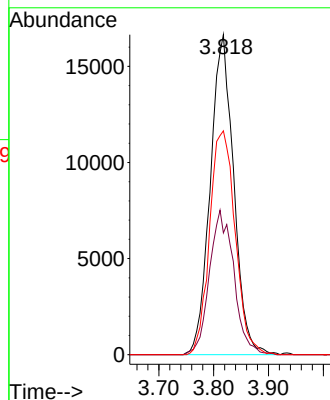
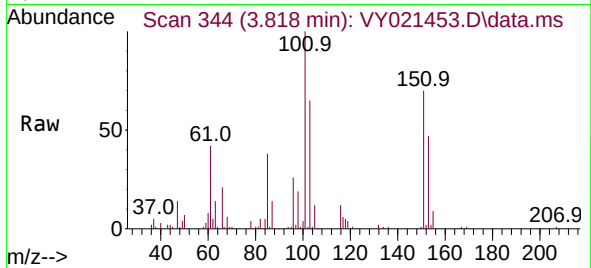




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.921 ug/l  
RT: 3.818 min Scan# 34  
Delta R.T. -0.012 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

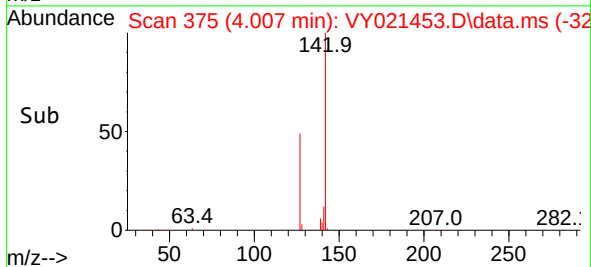
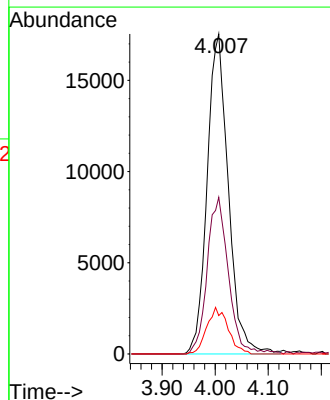
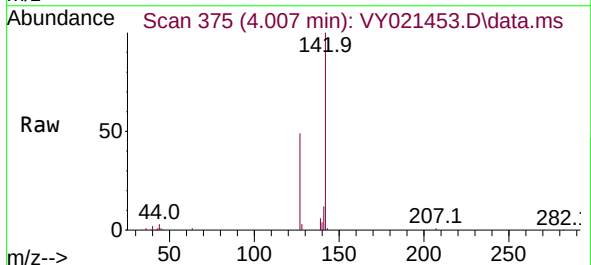
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

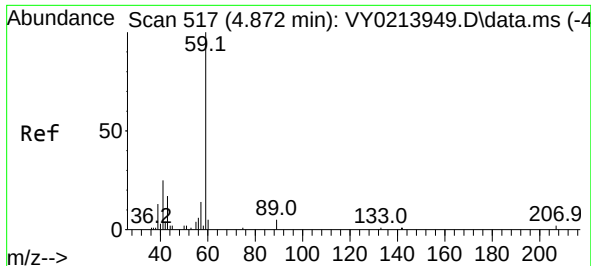
Tgt Ion:101 Resp: 49349  
Ion Ratio Lower Upper  
101 100  
85 47.2 37.1 55.7  
151 76.4 62.1 93.1



#10  
Methyl Iodide  
Concen: 19.355 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion:142 Resp: 48739  
Ion Ratio Lower Upper  
142 100  
127 48.6 39.1 58.7  
141 14.6 11.8 17.6

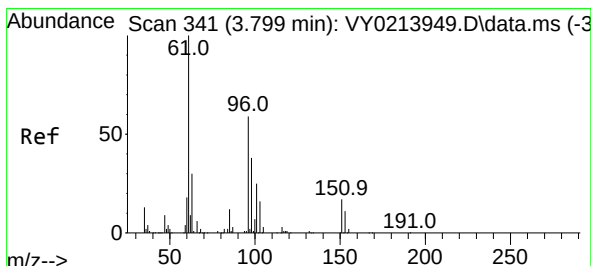
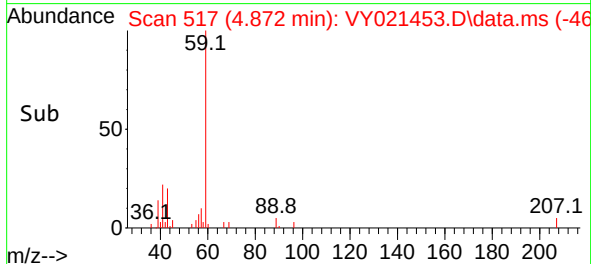
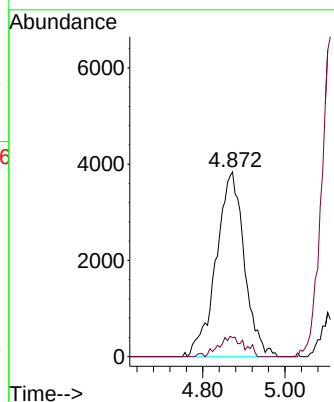
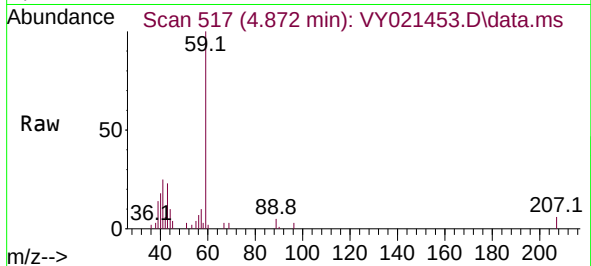




#11  
Tert butyl alcohol  
Concen: 108.044 ug/l  
RT: 4.872 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

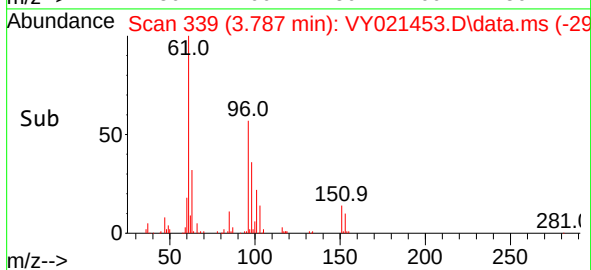
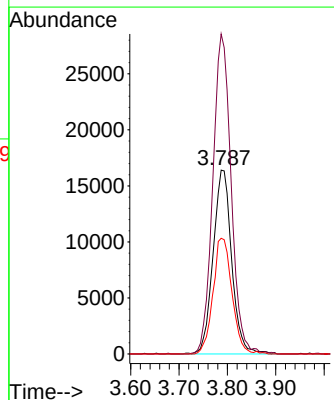
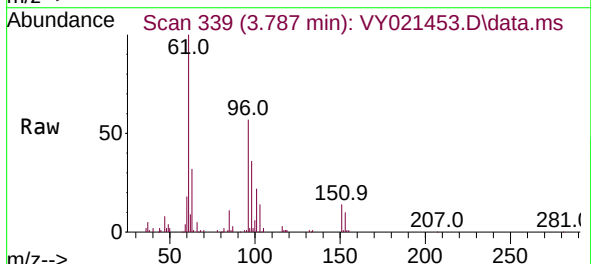
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

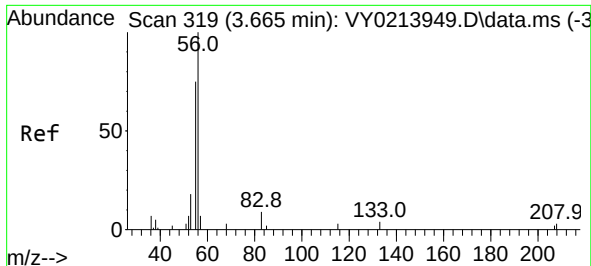
Tgt Ion: 59 Resp: 18258  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 19.424 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. -0.012 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 96 Resp: 43870  
Ion Ratio Lower Upper  
96 100  
61 174.1 135.2 202.8  
98 62.9 51.4 77.2

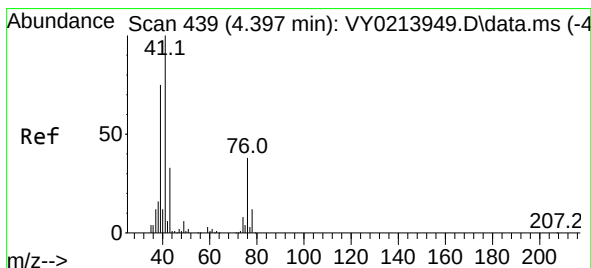
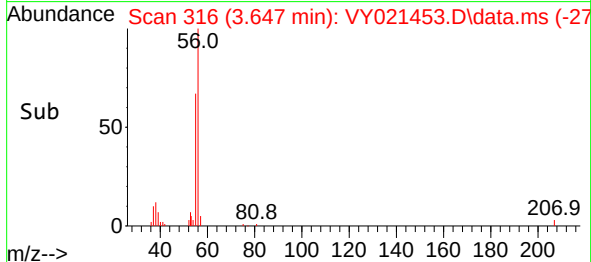
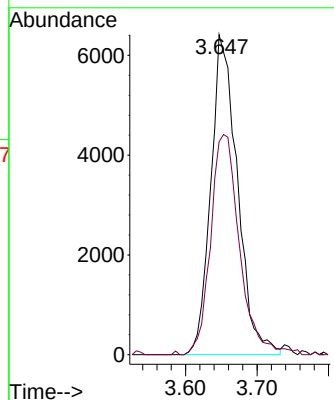
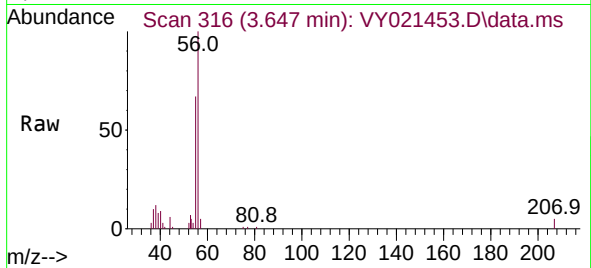




#13  
Acrolein  
Concen: 140.270 ug/l  
RT: 3.647 min Scan# 319  
Delta R.T. -0.018 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

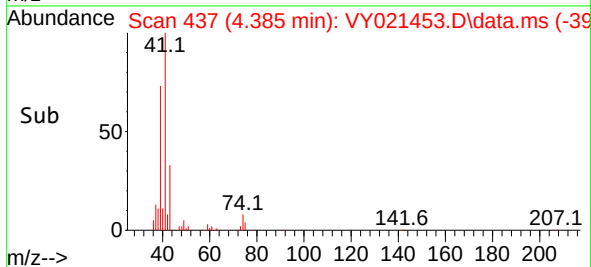
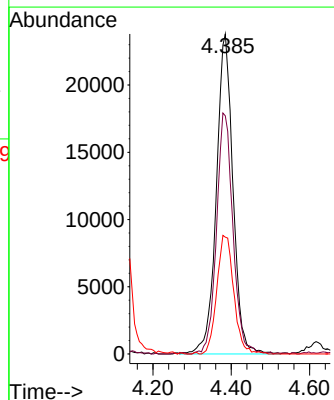
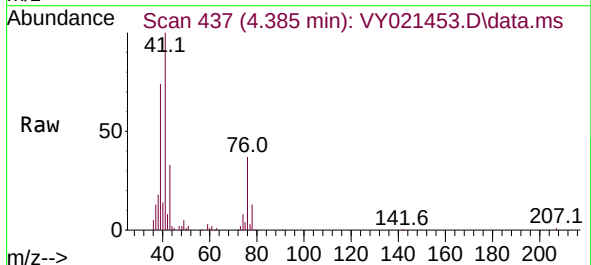
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

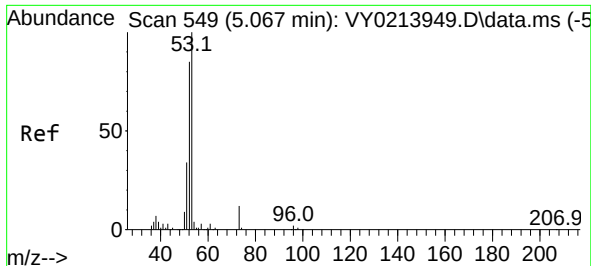
Tgt Ion: 56 Resp: 16580  
Ion Ratio Lower Upper  
56 100  
55 74.8 63.4 95.2



#14  
Allyl chloride  
Concen: 19.249 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 41 Resp: 70258  
Ion Ratio Lower Upper  
41 100  
39 74.4 59.3 88.9  
76 37.8 29.8 44.8

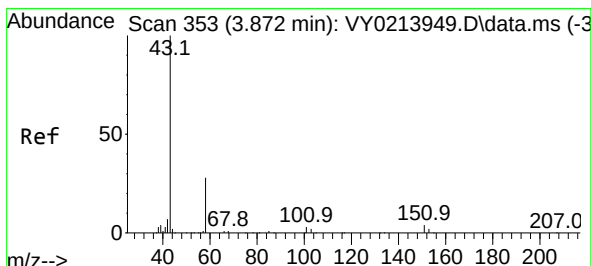
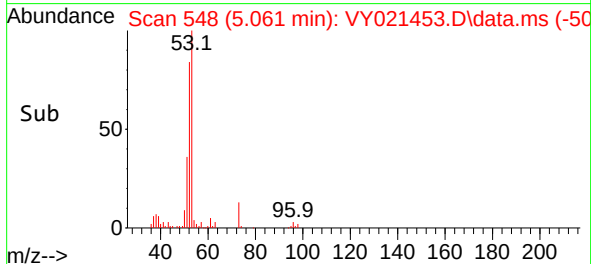
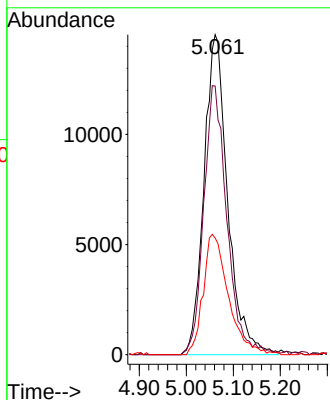
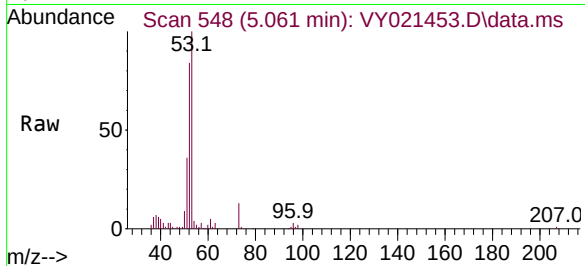




#15  
Acrylonitrile  
Concen: 99.456 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

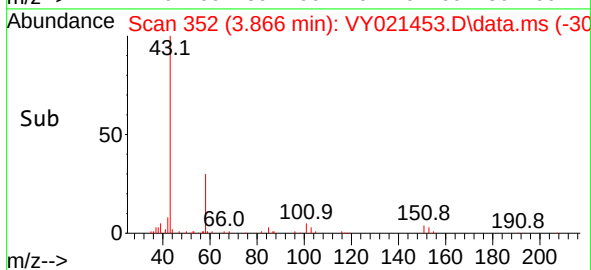
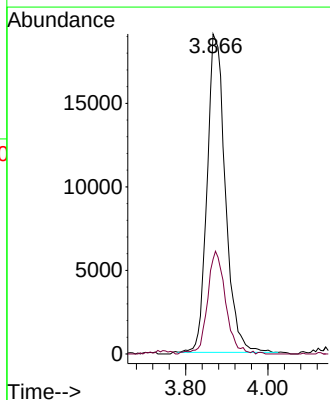
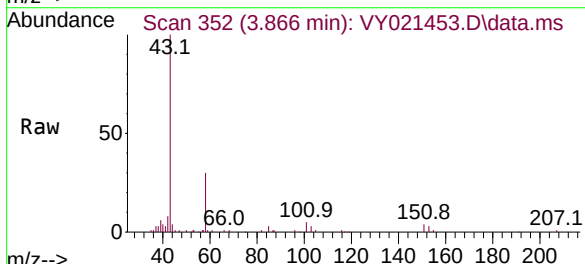
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

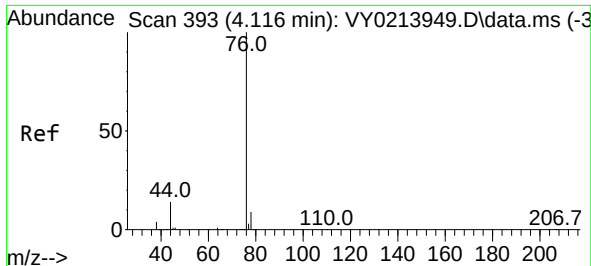
Tgt Ion: 53 Resp: 50908  
Ion Ratio Lower Upper  
53 100  
52 82.2 66.3 99.5  
51 40.1 30.3 45.5



#16  
Acetone  
Concen: 115.604 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 43 Resp: 58595  
Ion Ratio Lower Upper  
43 100  
58 29.8 22.1 33.1

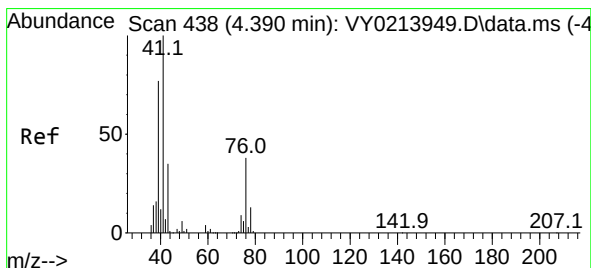
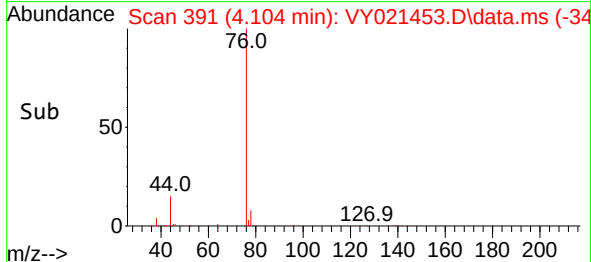
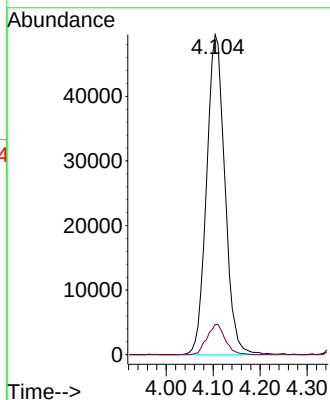
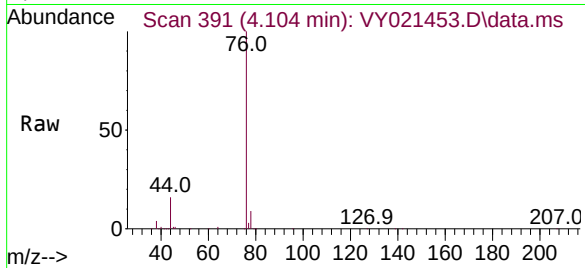




#17  
Carbon Disulfide  
Concen: 18.890 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.012 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

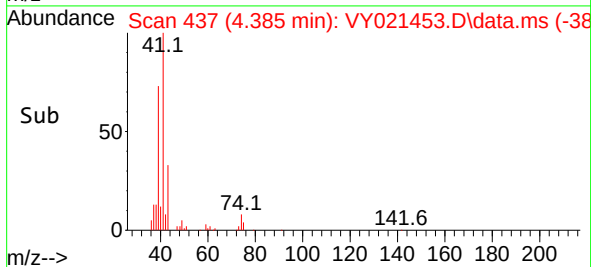
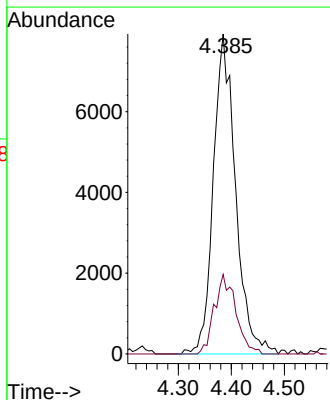
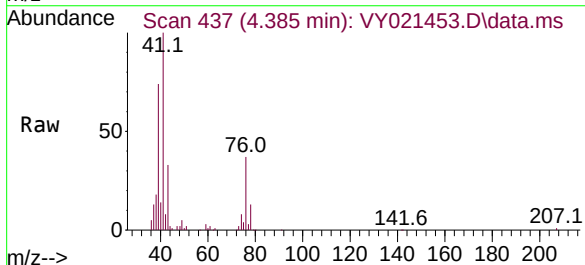
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

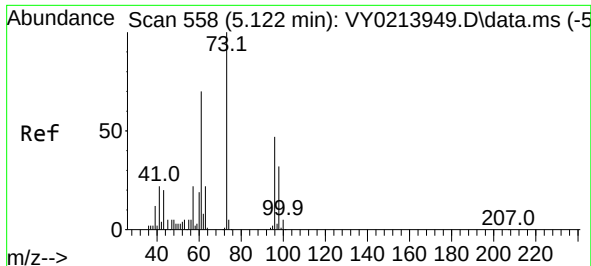
Tgt Ion: 76 Resp: 133704  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 20.473 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 43 Resp: 23025  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 19.390 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

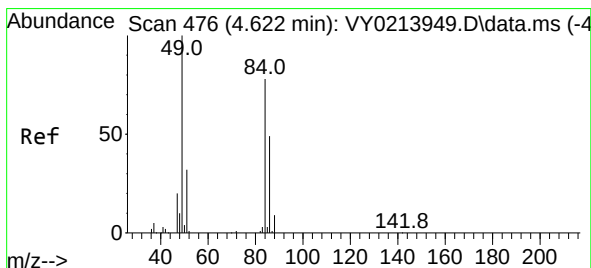
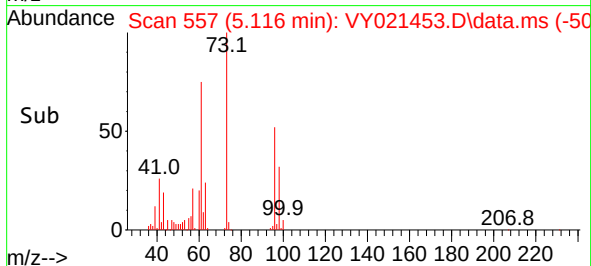
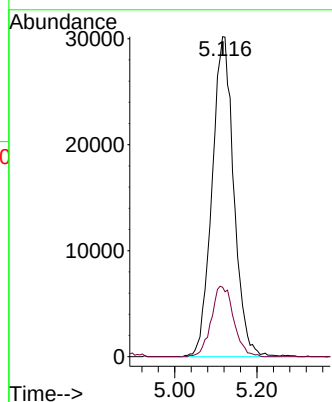
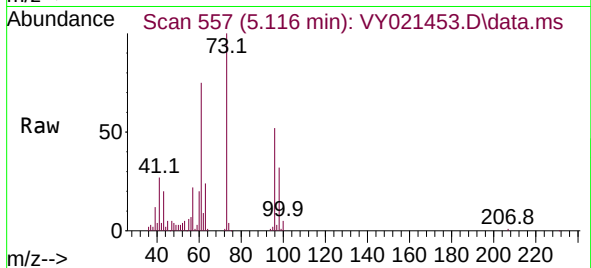
VY0307SBS01

Tgt Ion: 73 Resp: 110998

Ion Ratio Lower Upper

73 100

57 21.7 17.9 26.9



#20

Methylene Chloride

Concen: 20.582 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Tgt Ion: 84 Resp: 54760

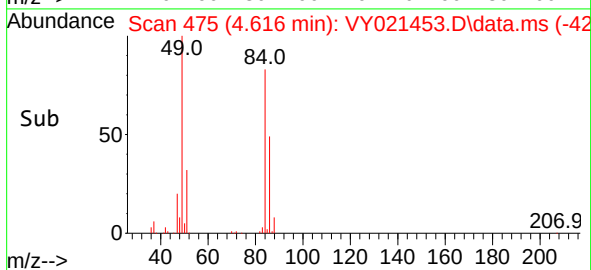
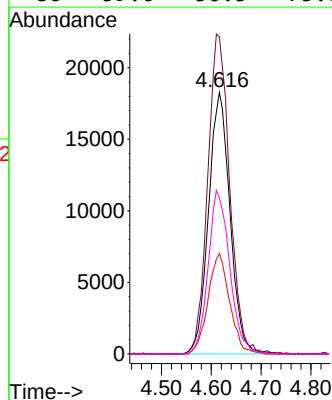
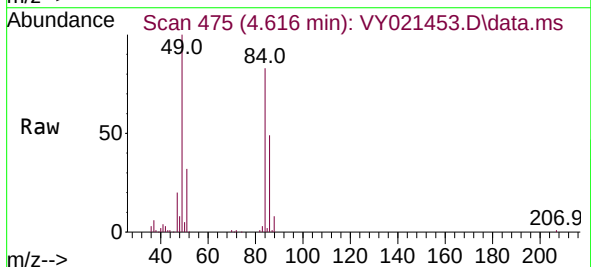
Ion Ratio Lower Upper

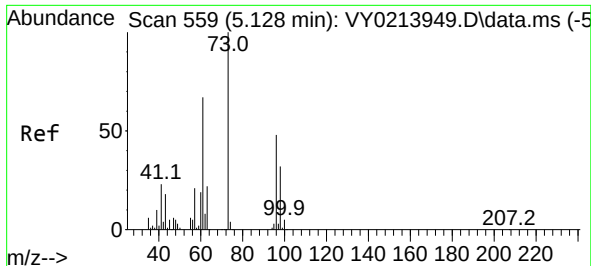
84 100

49 121.2 102.0 153.0

51 38.3 33.0 49.6

86 59.6 50.5 75.7

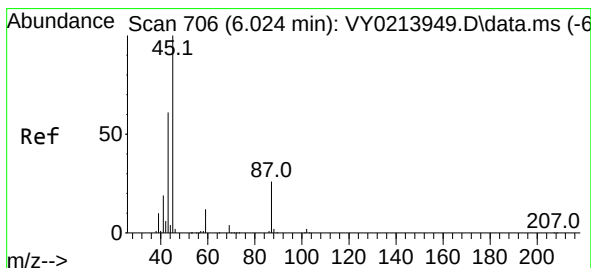
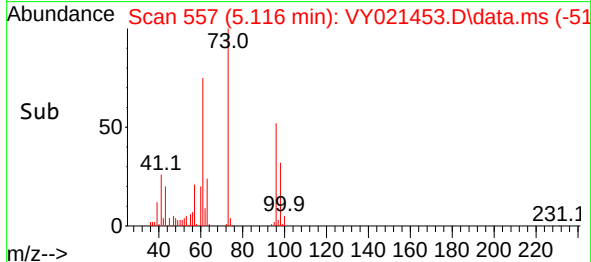
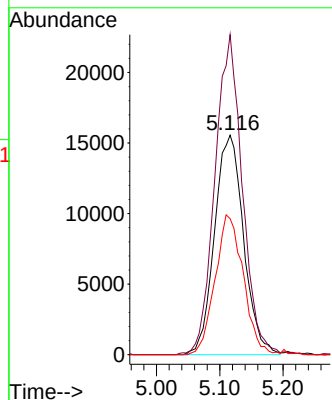
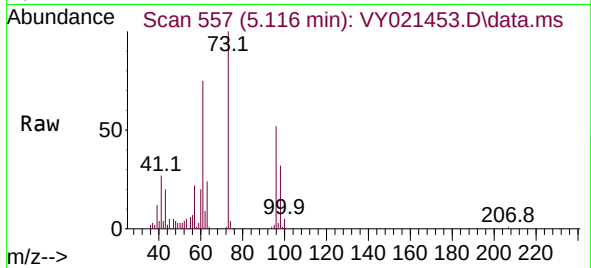




#21  
trans-1,2-Dichloroethene  
Concen: 19.641 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

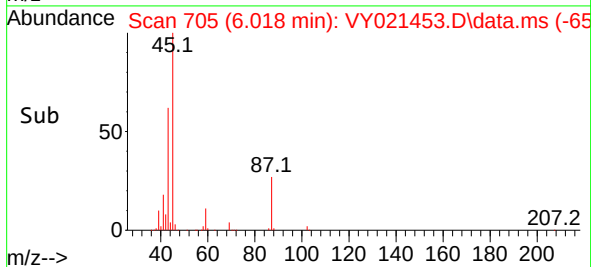
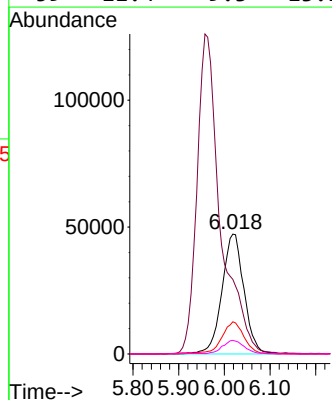
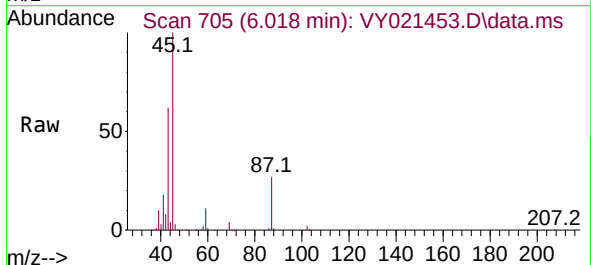
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

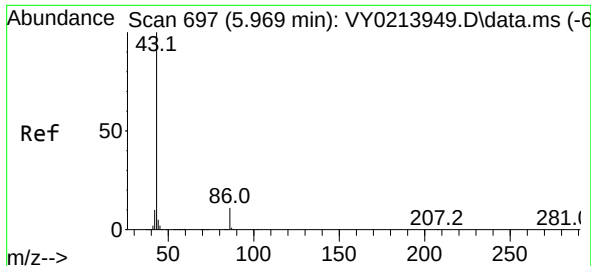
Tgt Ion: 96 Resp: 49678  
Ion Ratio Lower Upper  
96 100  
61 145.0 111.5 167.3  
98 61.9 53.8 80.8



#22  
Diisopropyl ether  
Concen: 20.078 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 45 Resp: 157929  
Ion Ratio Lower Upper  
45 100  
43 61.6 48.7 73.1  
87 26.7 21.5 32.3  
59 11.4 9.3 13.9

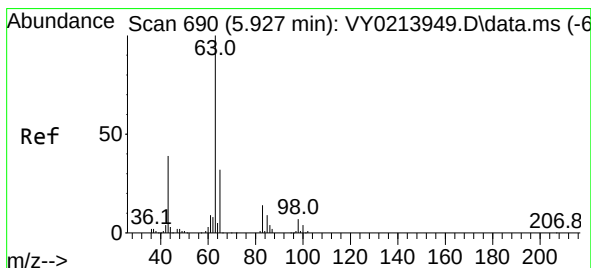
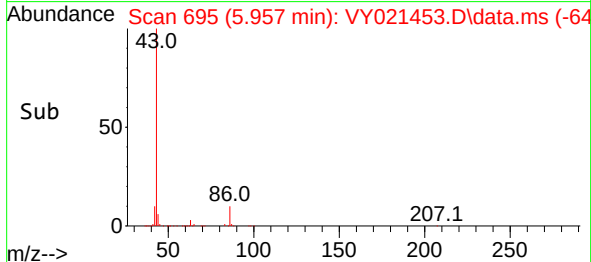
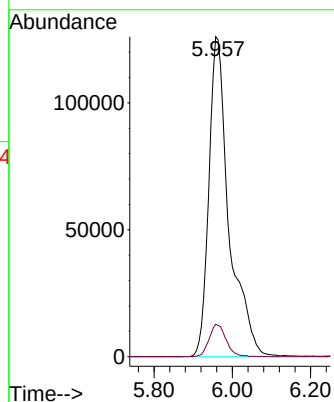
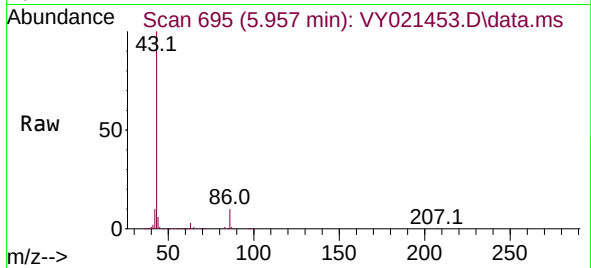




#23  
 Vinyl Acetate  
 Concen: 100.386 ug/l  
 RT: 5.957 min Scan# 64  
 Delta R.T. -0.012 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

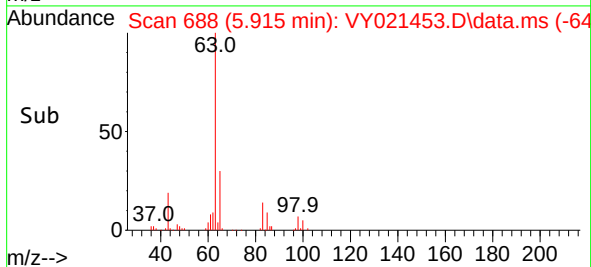
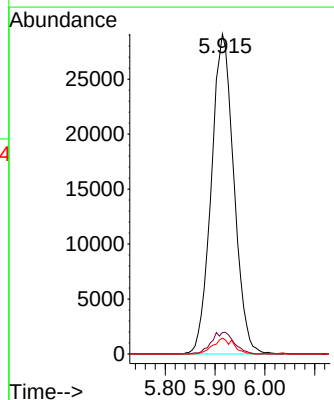
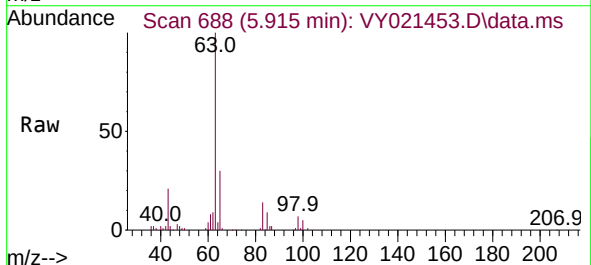
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

Tgt Ion: 43 Resp: 450639  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.5 12.7

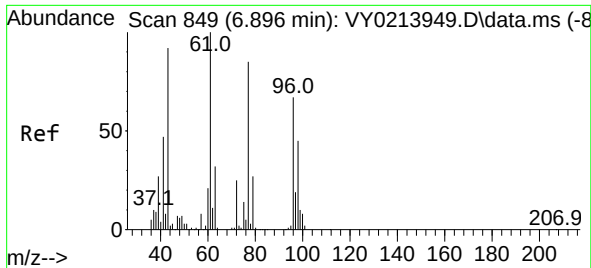


#24  
 1,1-Dichloroethane  
 Concen: 19.690 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.012 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

Tgt Ion: 63 Resp: 91407  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.9  
 100 5.0 2.1 6.5



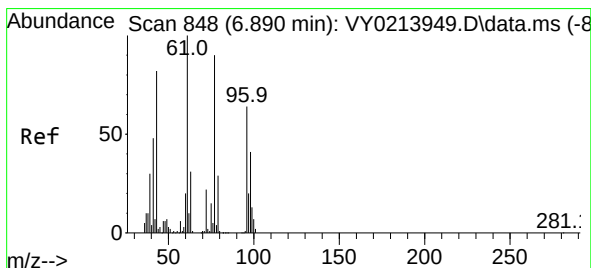
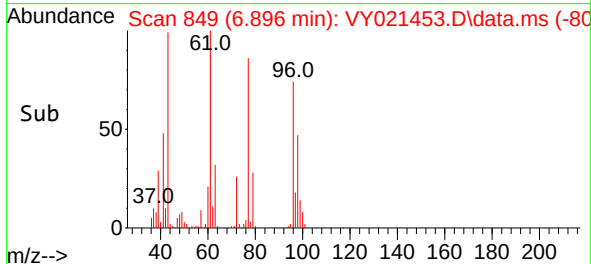
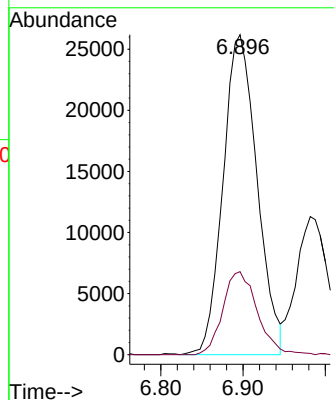
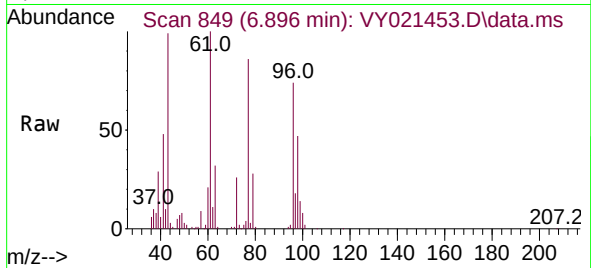




#25  
2-Butanone  
Concen: 107.199 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

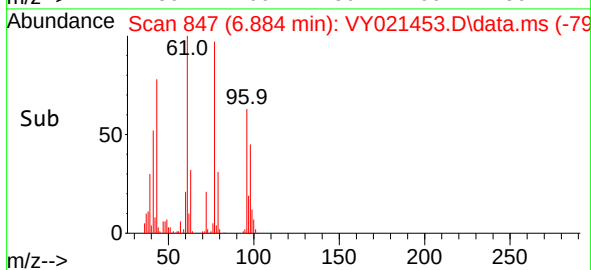
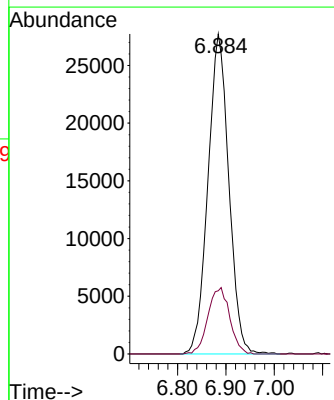
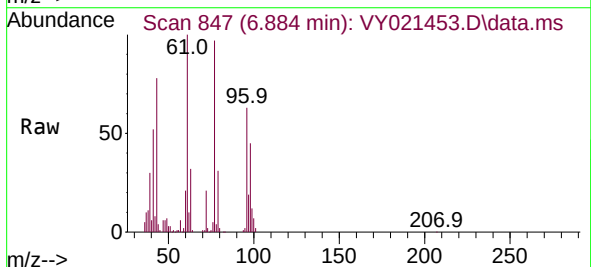
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

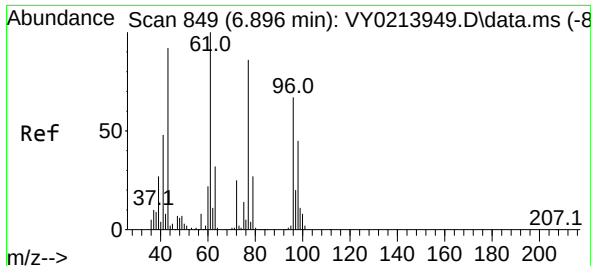
Tgt Ion: 43 Resp: 75161  
Ion Ratio Lower Upper  
43 100  
72 26.0 21.4 32.0



#26  
2,2-Dichloropropane  
Concen: 19.429 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 77 Resp: 82994  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.3 33.8

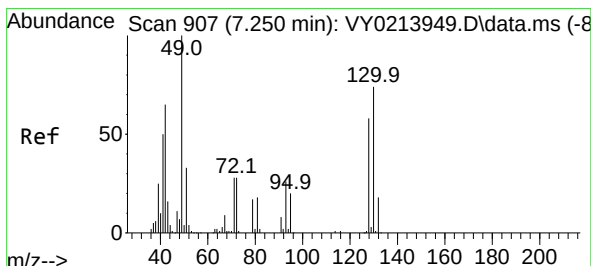
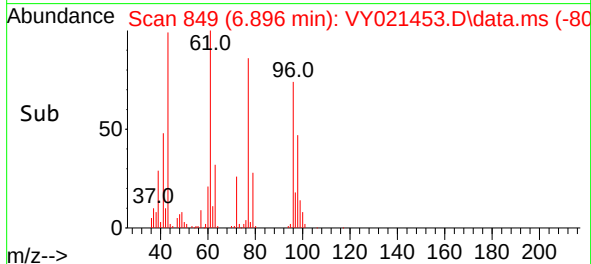
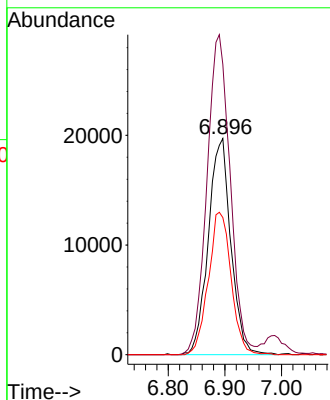
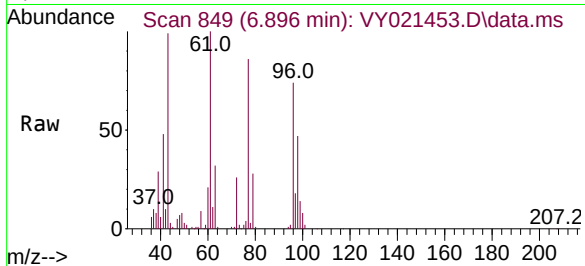




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.963 ug/l  
 RT: 6.896 min Scan# 849  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

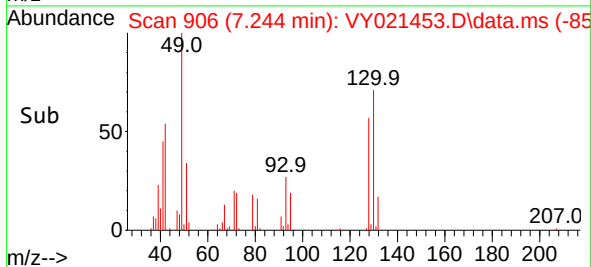
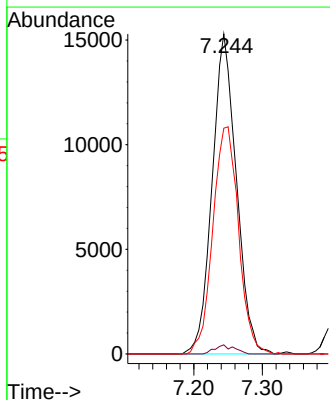
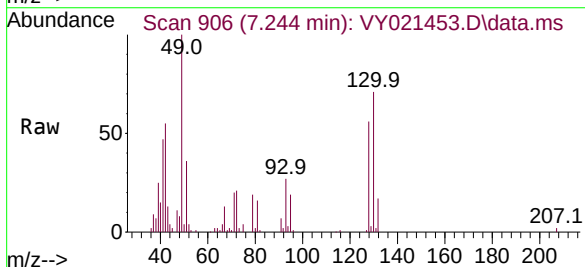
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

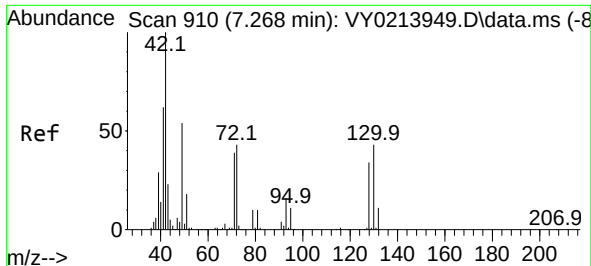
Tgt Ion: 96 Resp: 54488  
 Ion Ratio Lower Upper  
 96 100  
 61 152.5 0.0 300.8  
 98 66.5 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 19.238 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. -0.006 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

Tgt Ion: 49 Resp: 37442  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.2  
 130 75.4 59.6 89.4

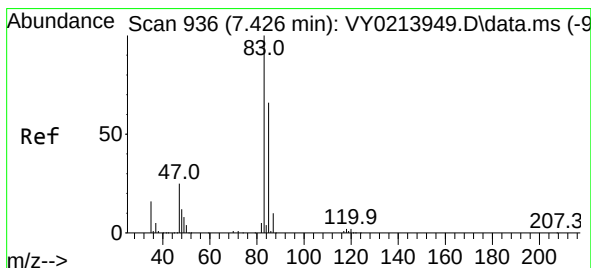
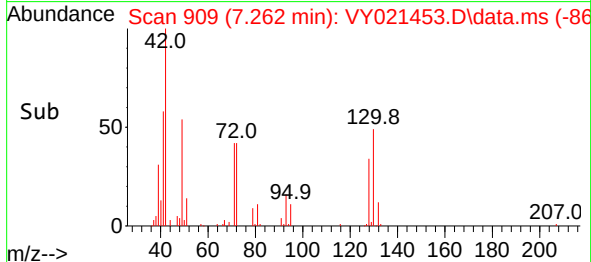
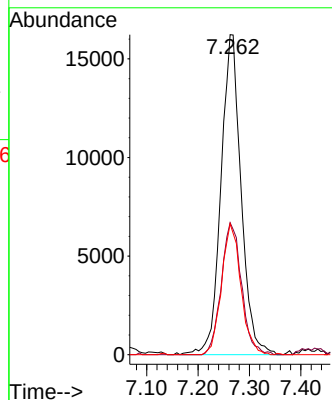
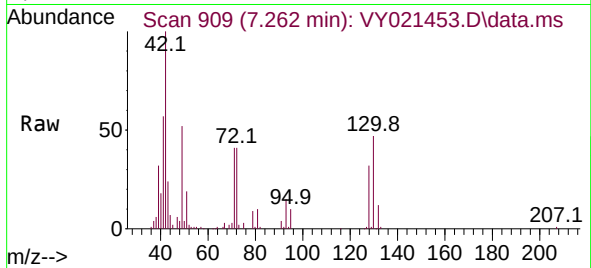




#29  
Tetrahydrofuran  
Concen: 102.018 ug/l  
RT: 7.262 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

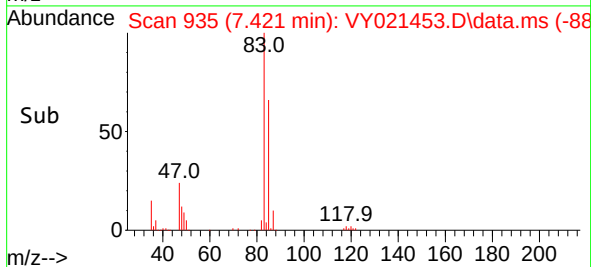
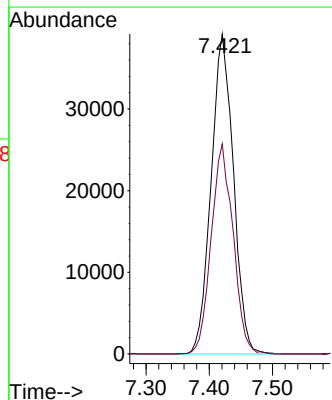
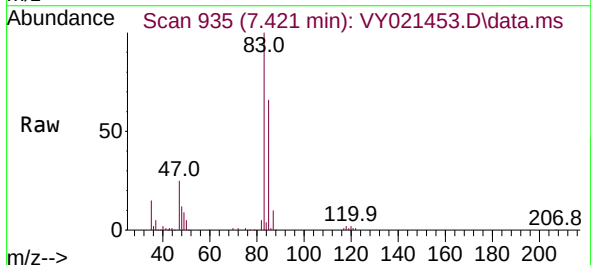
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

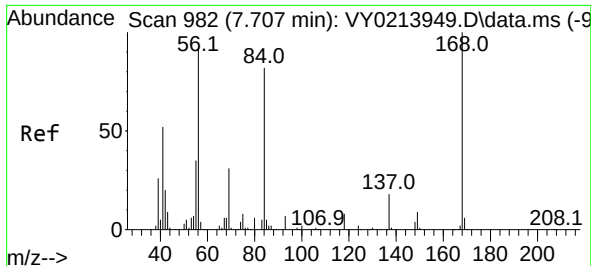
Tgt Ion: 42 Resp: 44158  
Ion Ratio Lower Upper  
42 100  
72 41.5 34.8 52.2  
71 39.3 32.6 48.8



#30  
Chloroform  
Concen: 19.903 ug/l  
RT: 7.421 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 83 Resp: 95944  
Ion Ratio Lower Upper  
83 100  
85 65.6 53.1 79.7





#31

Cyclohexane

Concen: 18.870 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

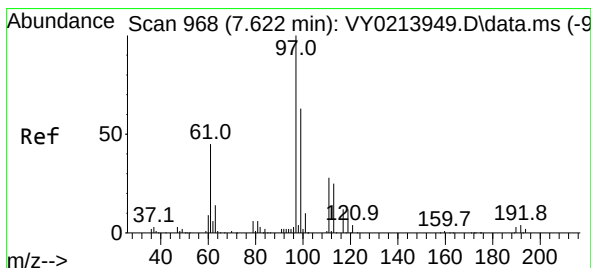
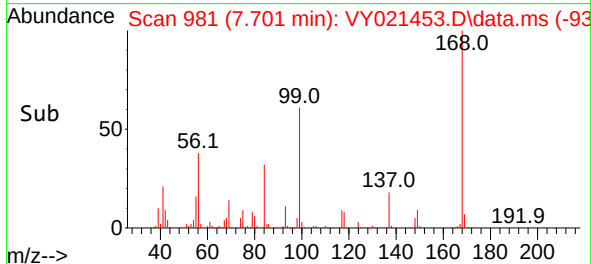
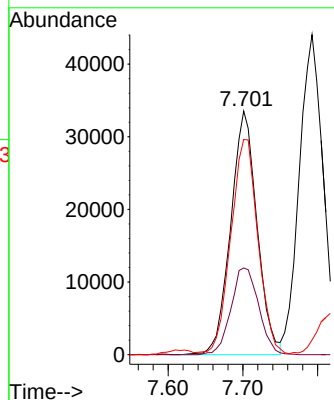
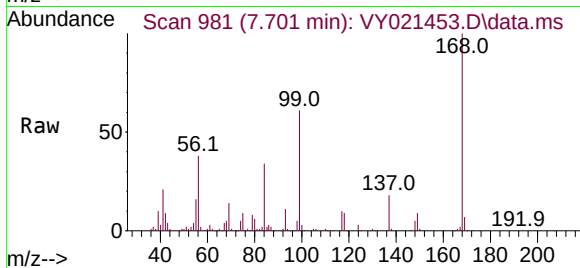
Tgt Ion: 56 Resp: 82128

Ion Ratio Lower Upper

56 100

69 35.6 27.0 40.4

84 86.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 19.705 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

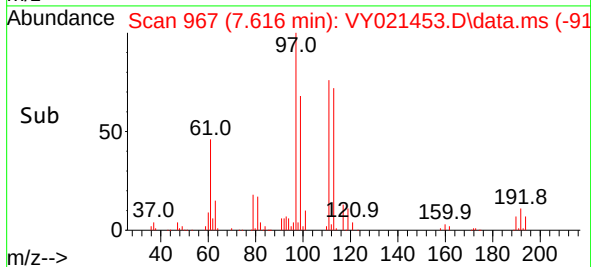
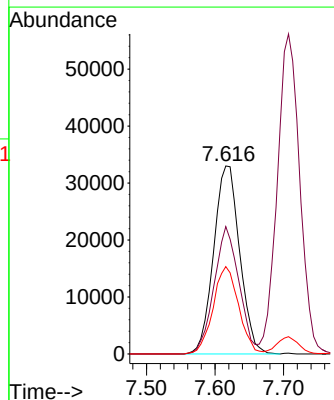
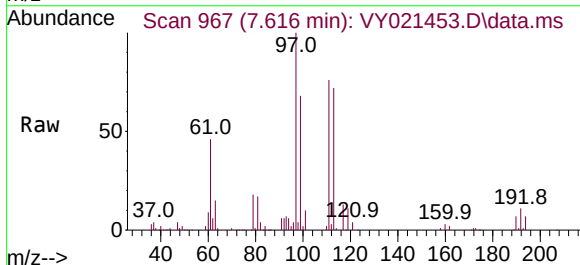
Tgt Ion: 97 Resp: 86978

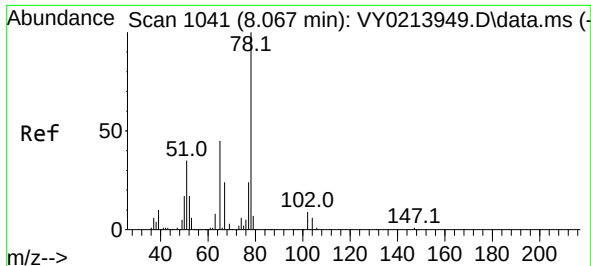
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 45.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.076 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

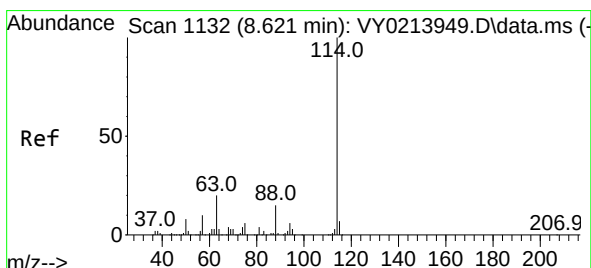
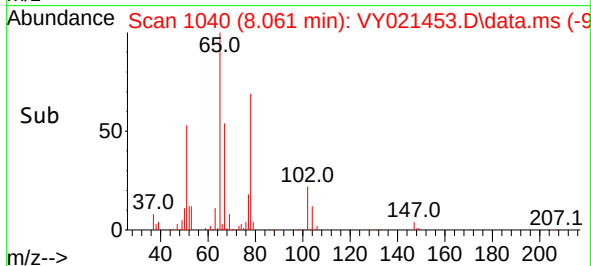
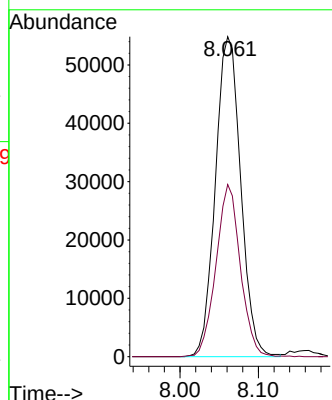
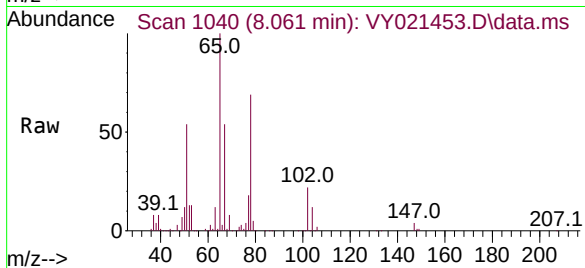
VY0307SBS01

Tgt Ion: 65 Resp: 123341

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

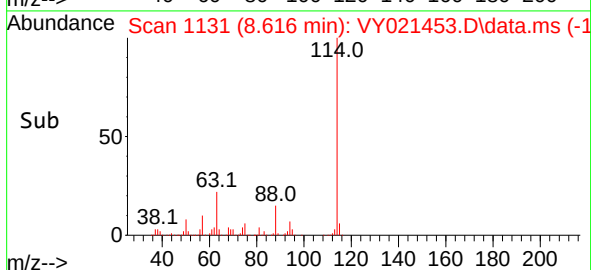
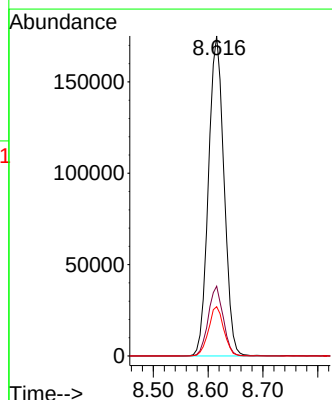
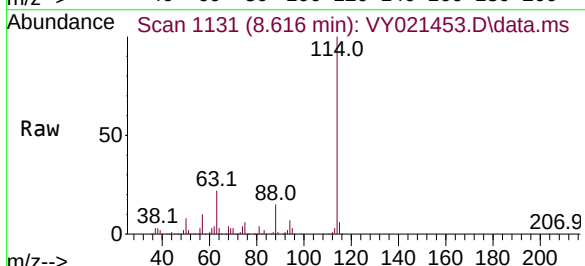
Tgt Ion: 114 Resp: 343563

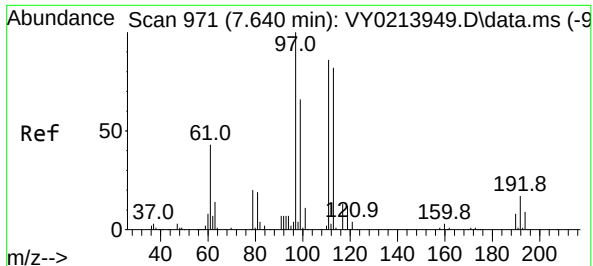
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 15.4 0.0 30.8

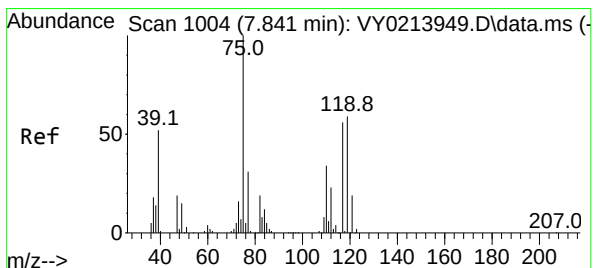
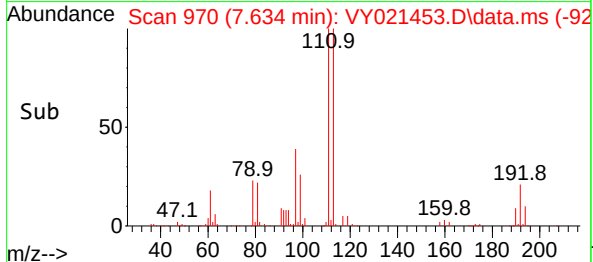
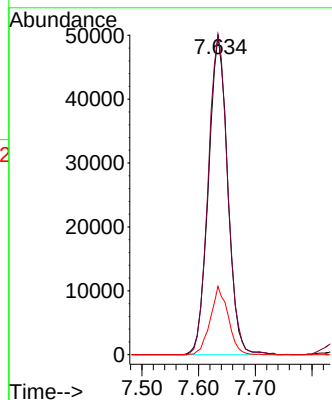
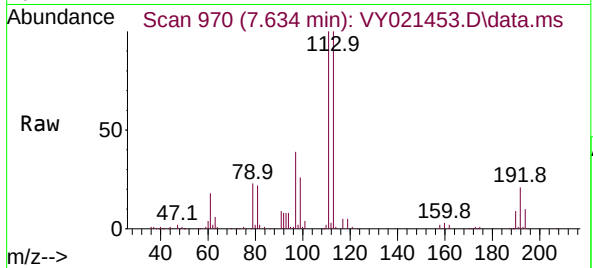




#35  
Dibromofluoromethane  
Concen: 52.021 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

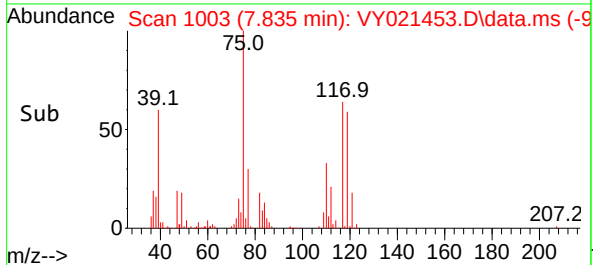
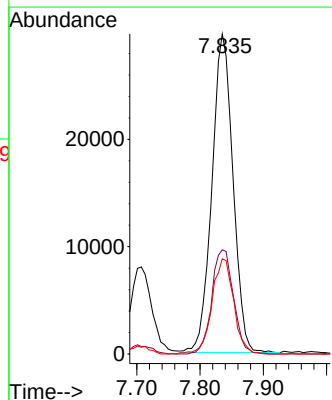
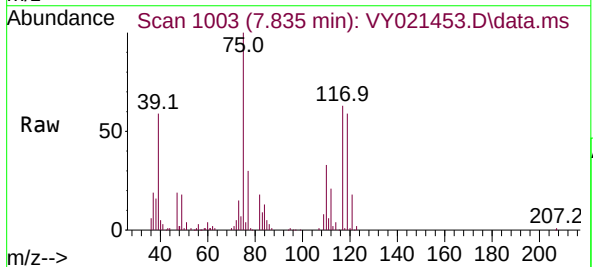
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

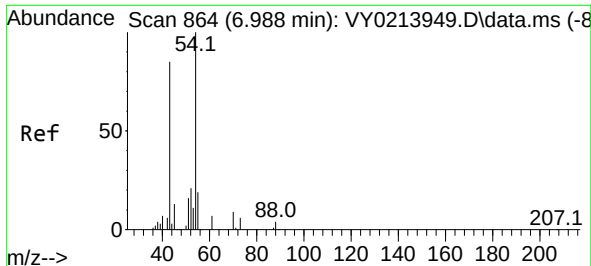
Tgt Ion:113 Resp: 117478  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.0 123.0  
192 19.9 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 19.417 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 75 Resp: 68637  
Ion Ratio Lower Upper  
75 100  
110 33.6 17.3 51.7  
77 30.7 25.4 38.2





#37

Ethyl Acetate

Concen: 20.220 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

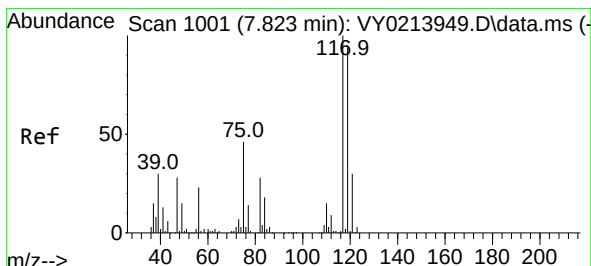
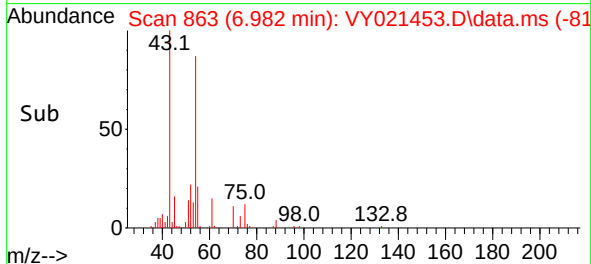
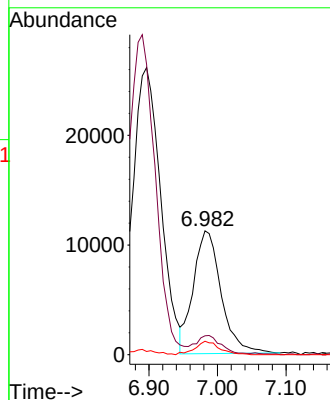
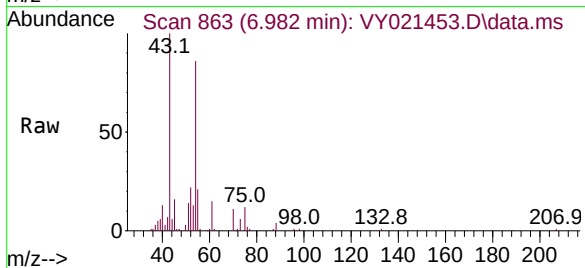
Tgt Ion: 43 Resp: 31592

Ion Ratio Lower Upper

43 100

61 12.5 11.4 17.0

70 9.5 8.2 12.2



#38

Carbon Tetrachloride

Concen: 19.449 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

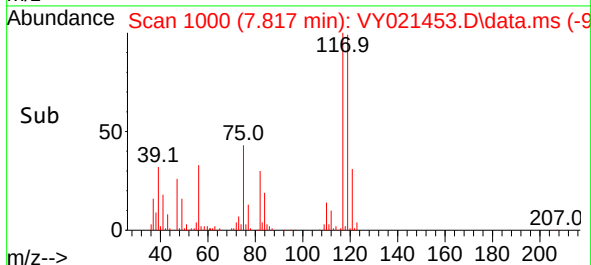
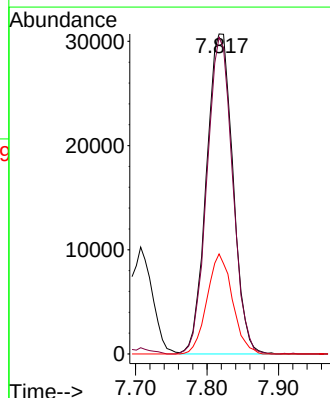
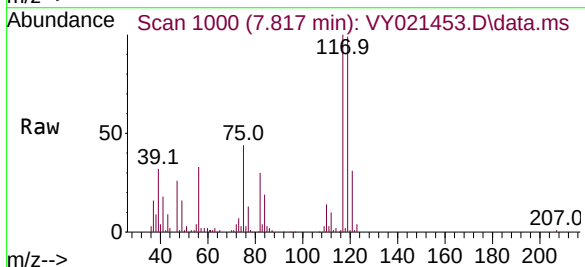
Tgt Ion: 117 Resp: 79070

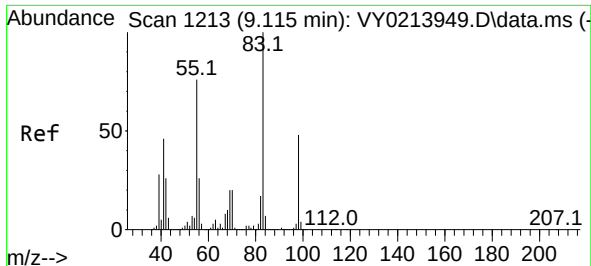
Ion Ratio Lower Upper

117 100

119 99.0 75.8 113.8

121 31.3 23.9 35.9

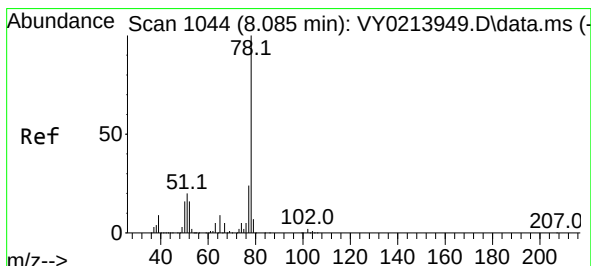
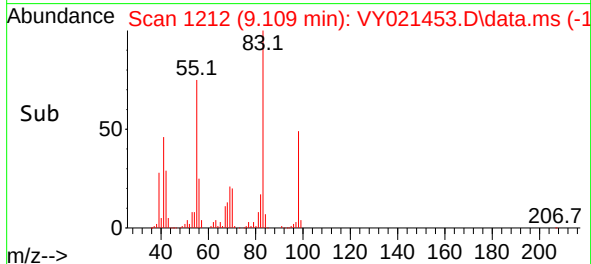
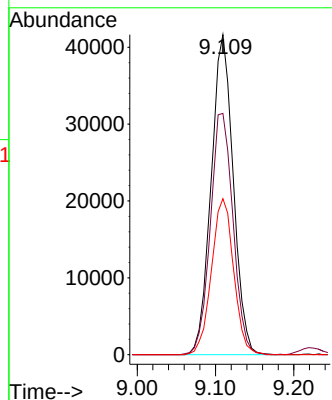
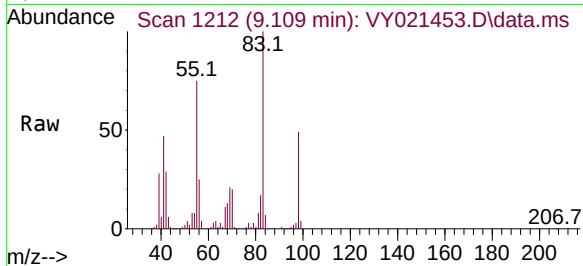




#39  
Methylcyclohexane  
Concen: 18.818 ug/l  
RT: 9.109 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

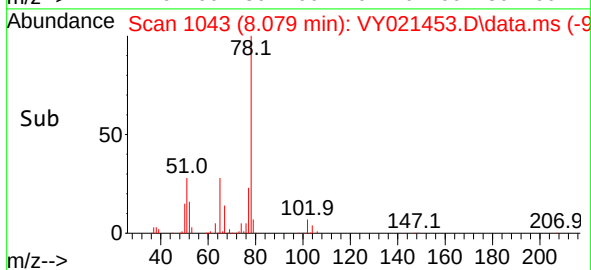
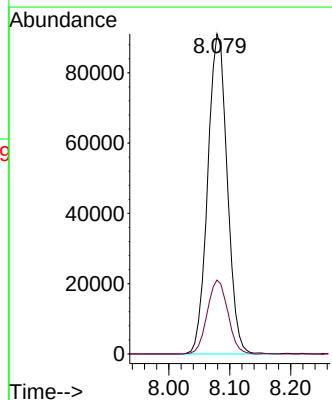
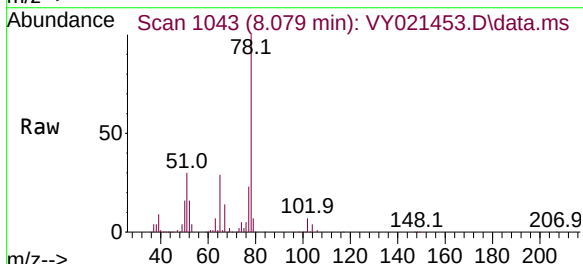
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

Tgt Ion: 83 Resp: 81593  
Ion Ratio Lower Upper  
83 100  
55 75.4 60.7 91.1  
98 48.7 38.6 57.8

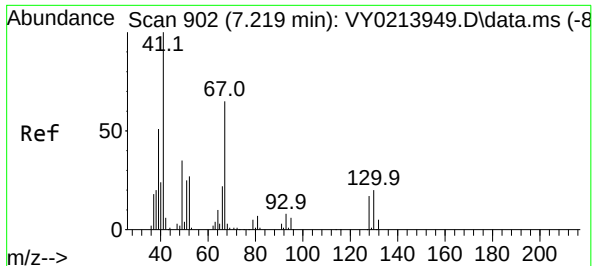


#40  
Benzene  
Concen: 19.475 ug/l  
RT: 8.079 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 78 Resp: 202793  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.0 28.4



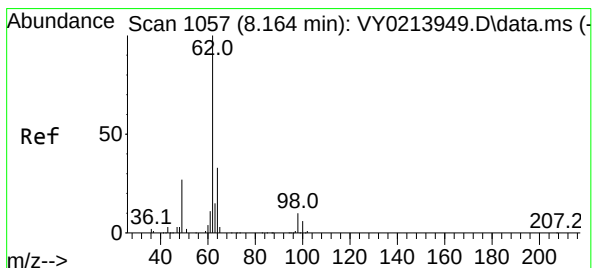
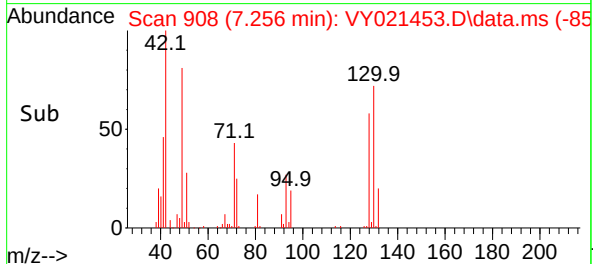
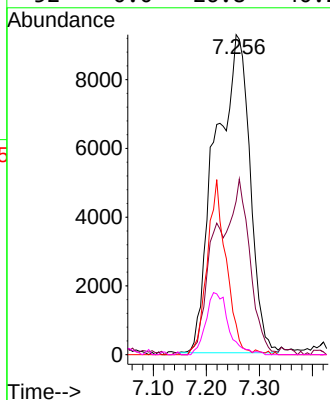
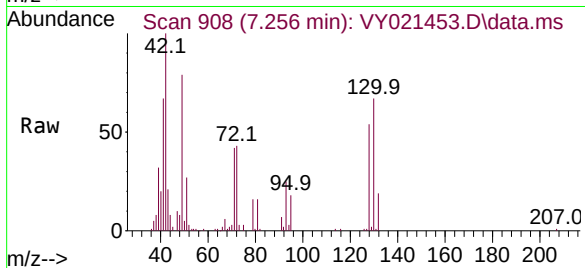




#41  
Methacrylonitrile  
Concen: 49.112 ug/l  
RT: 7.256 min Scan# 90  
Delta R.T. 0.037 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

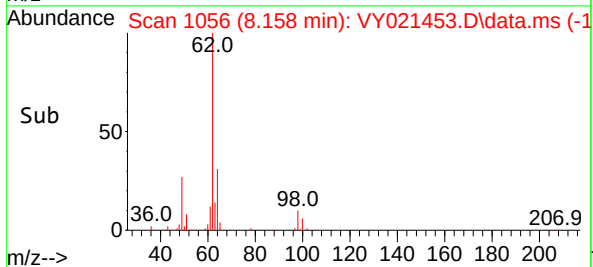
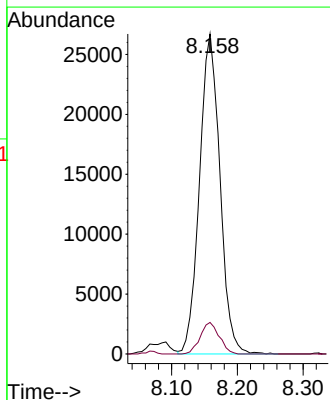
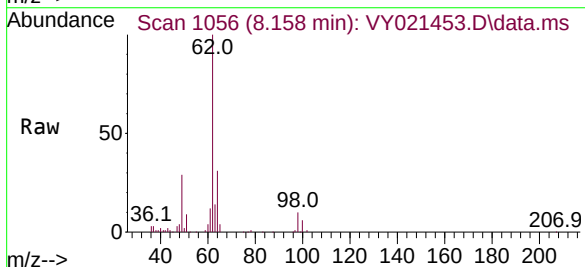
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

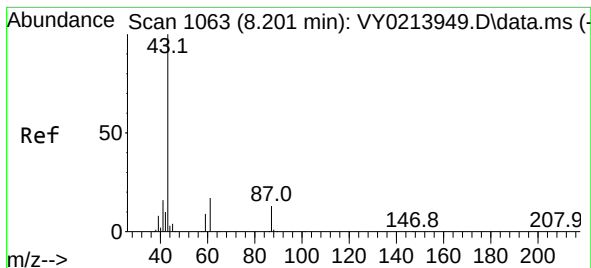
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 41781 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 27.0  | 35.0  | 52.6# |
| 67       | 0.0   | 61.2  | 91.8# |
| 52       | 0.0   | 26.8  | 40.2# |



#42  
1,2-Dichloroethane  
Concen: 19.826 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 57755 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 18.2  |





#43

Isopropyl Acetate

Concen: 19.755 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

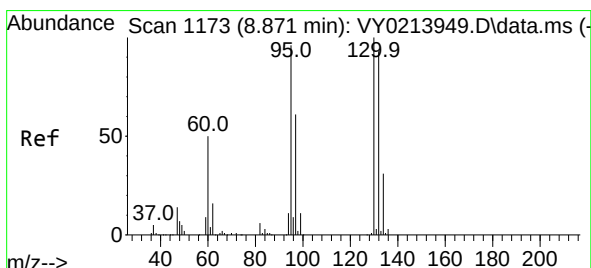
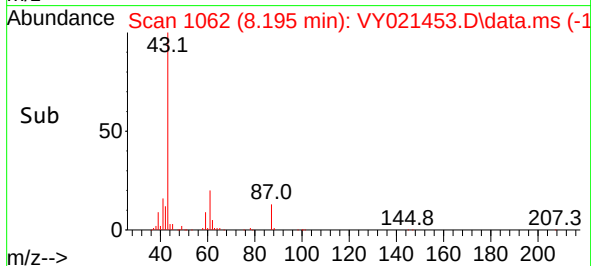
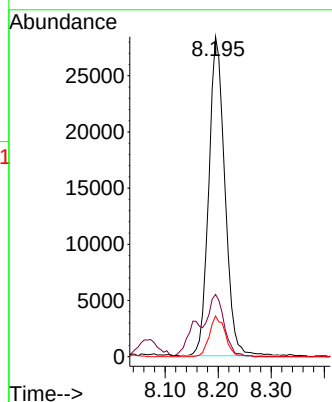
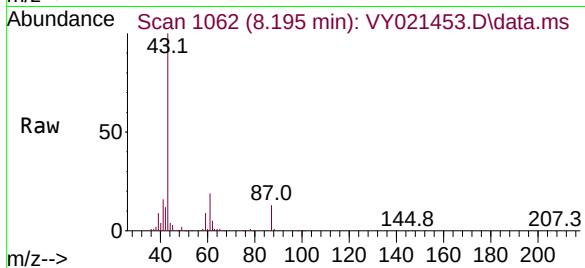
Tgt Ion: 43 Resp: 59917

Ion Ratio Lower Upper

43 100

61 19.8 23.4 35.0#

87 12.7 10.5 15.7



#44

Trichloroethene

Concen: 19.130 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021453.D

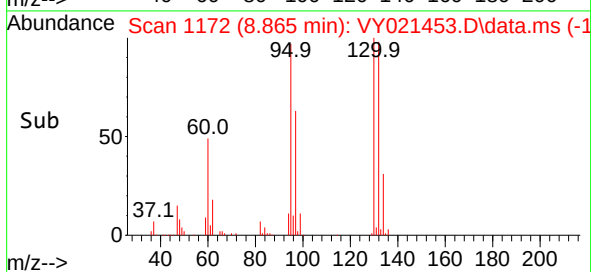
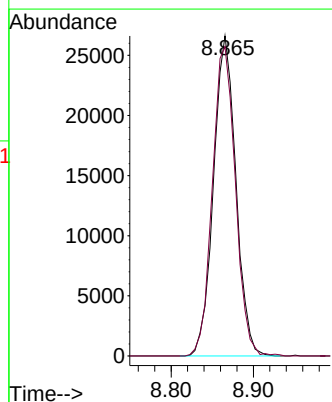
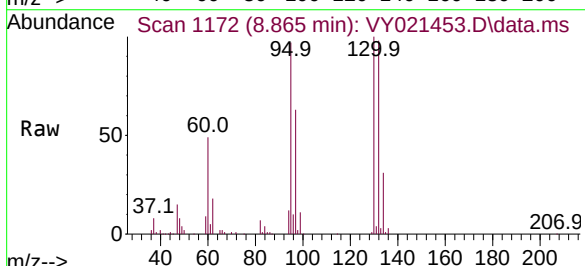
Acq: 07 Mar 2025 12:03

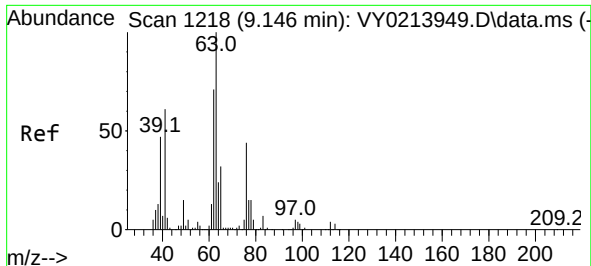
Tgt Ion:130 Resp: 50339

Ion Ratio Lower Upper

130 100

95 96.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.021 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

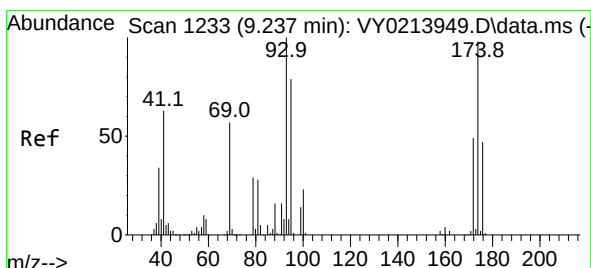
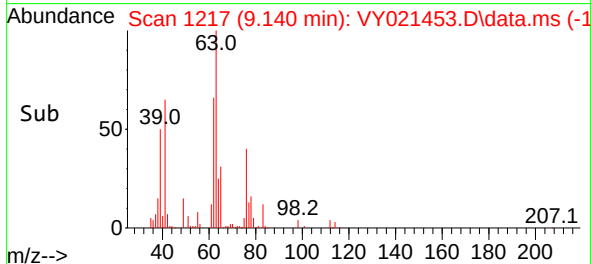
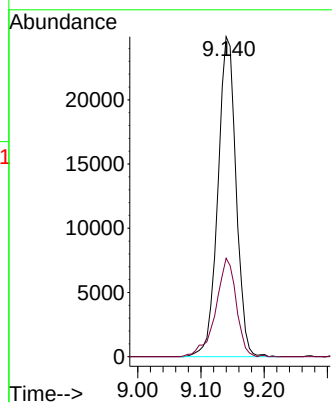
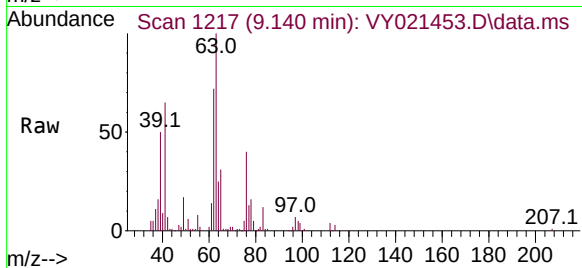
VY0307SBS01

Tgt Ion: 63 Resp: 49619

Ion Ratio Lower Upper

63 100

65 30.7 26.0 39.0



#46

Dibromomethane

Concen: 19.675 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

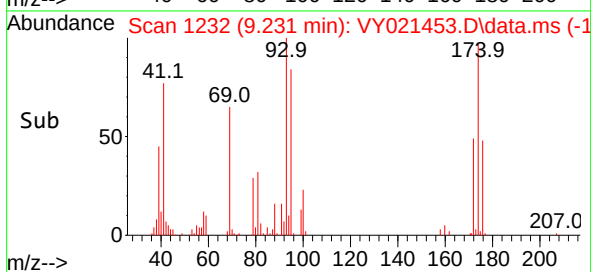
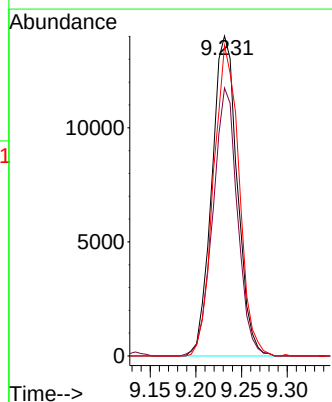
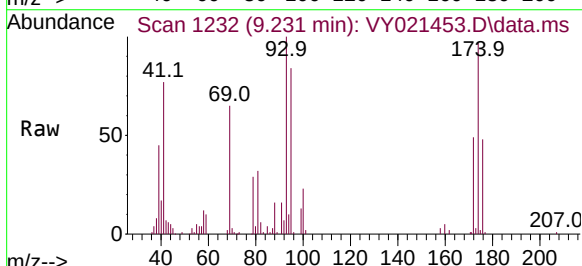
Tgt Ion: 93 Resp: 27131

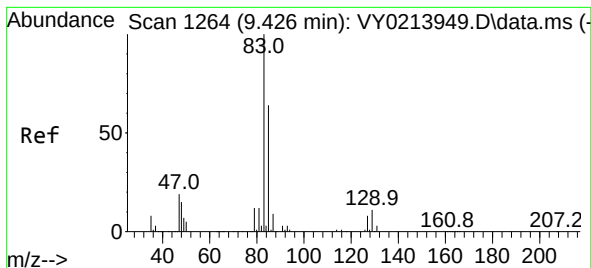
Ion Ratio Lower Upper

93 100

95 80.8 65.8 98.8

174 97.5 77.9 116.9





#47

Bromodichloromethane

Concen: 19.613 ug/l

RT: 9.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

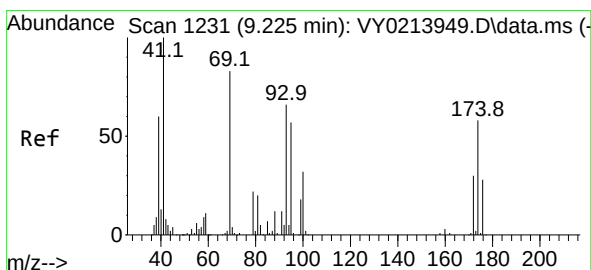
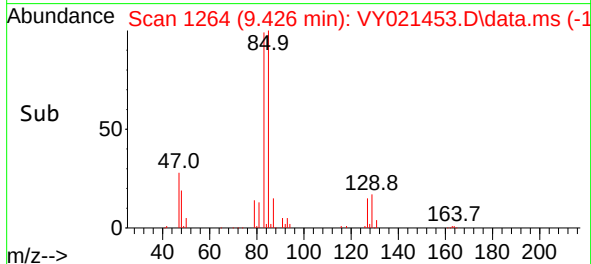
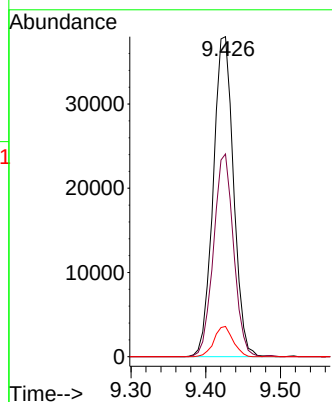
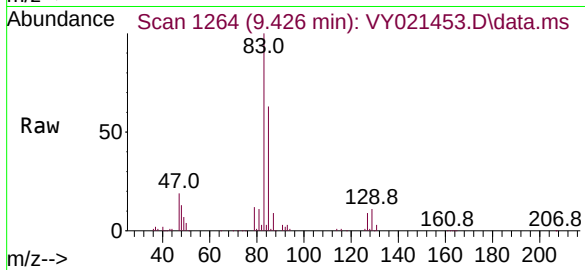
Tgt Ion: 83 Resp: 71823

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7

127 9.5 6.7 10.1



#48

Methyl methacrylate

Concen: 19.839 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

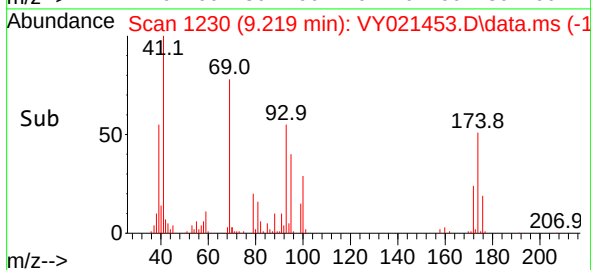
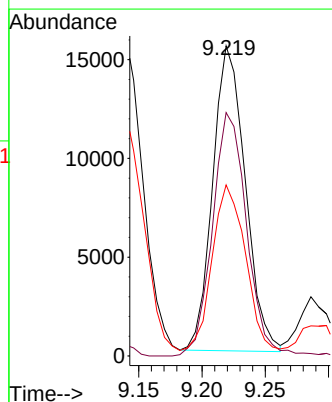
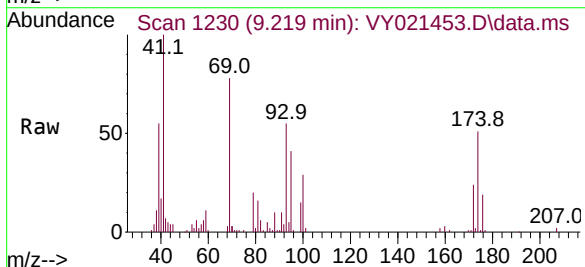
Tgt Ion: 41 Resp: 27630

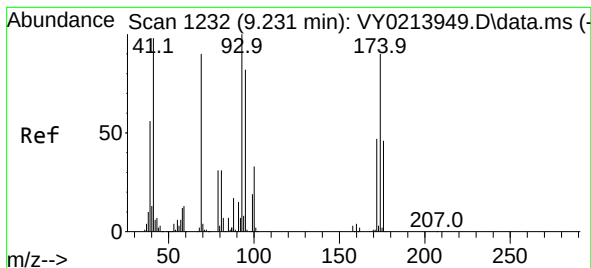
Ion Ratio Lower Upper

41 100

69 84.0 67.8 101.8

39 55.6 46.4 69.6





#49

1,4-Dioxane

Concen: 428.740 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

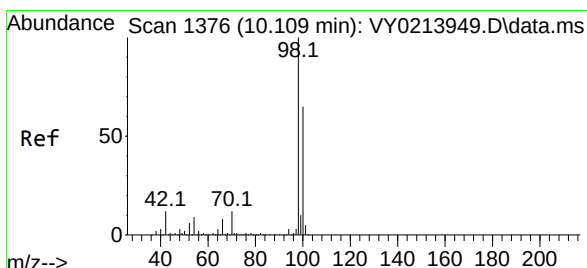
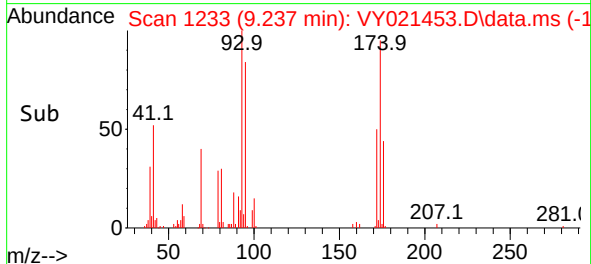
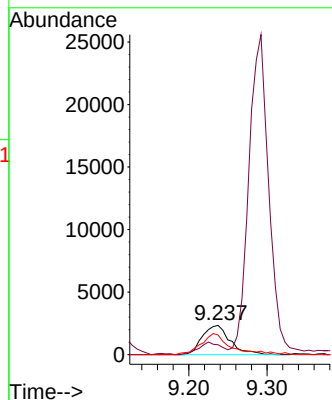
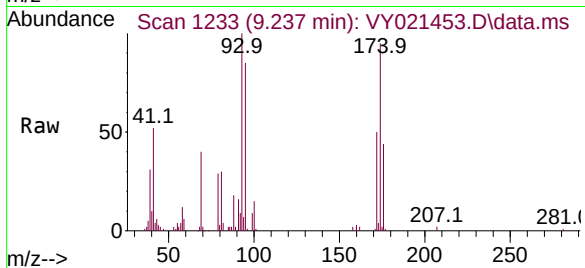
Tgt Ion: 88 Resp: 5803

Ion Ratio Lower Upper

88 100

43 34.8 25.0 37.4

58 77.2 58.4 87.6



#50

Toluene-d8

Concen: 51.930 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021453.D

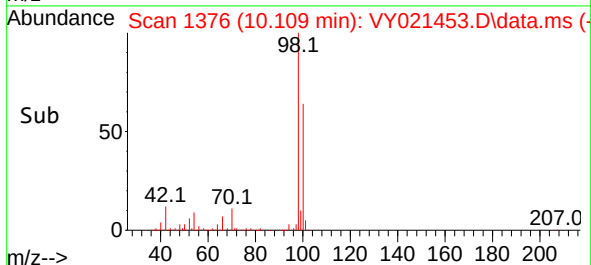
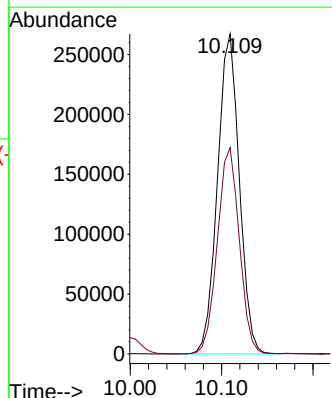
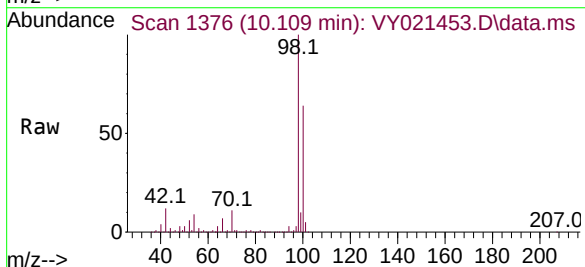
Acq: 07 Mar 2025 12:03

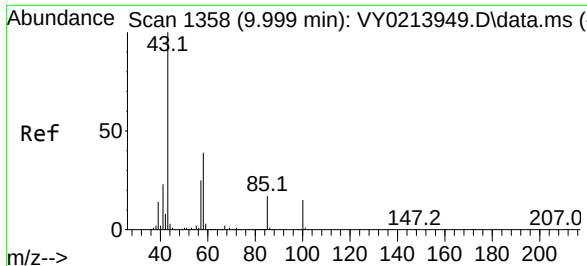
Tgt Ion: 98 Resp: 444032

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

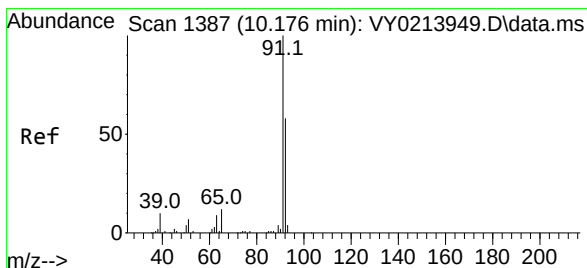
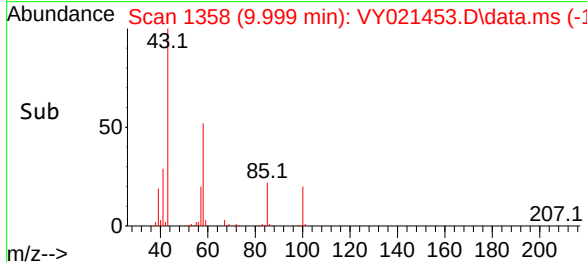
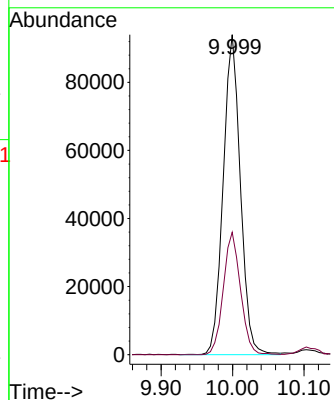
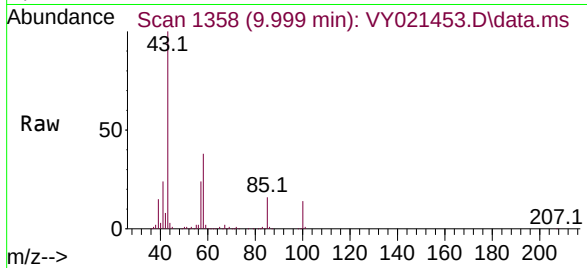




#51  
4-Methyl-2-Pentanone  
Concen: 100.404 ug/l  
RT: 9.999 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

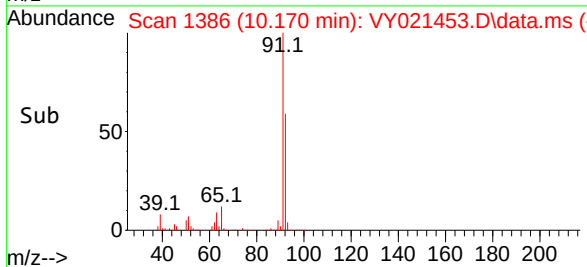
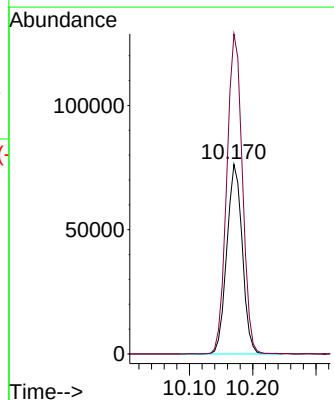
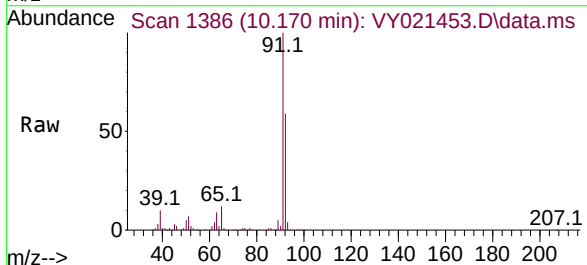
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

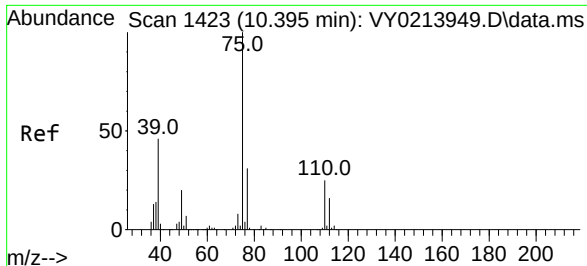
Tgt Ion: 43 Resp: 157126  
Ion Ratio Lower Upper  
43 100  
58 38.2 31.4 47.2



#52  
Toluene  
Concen: 19.637 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 92 Resp: 128919  
Ion Ratio Lower Upper  
92 100  
91 170.4 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 19.476 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

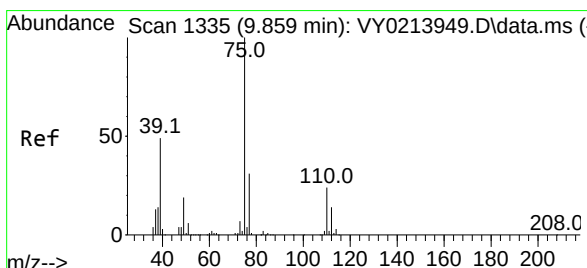
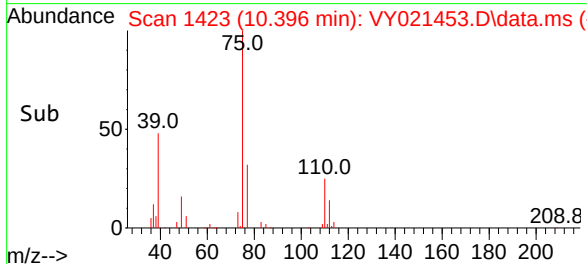
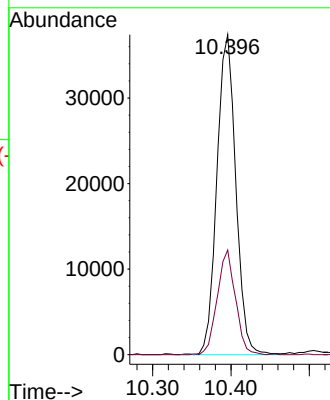
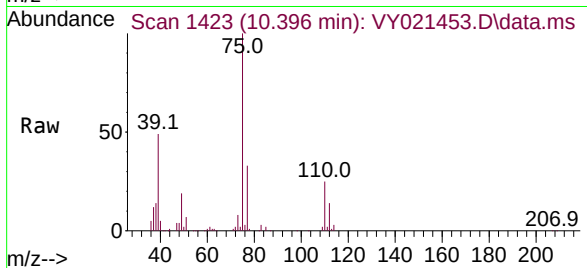
VY0307SBS01

Tgt Ion: 75 Resp: 62838

Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.223 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

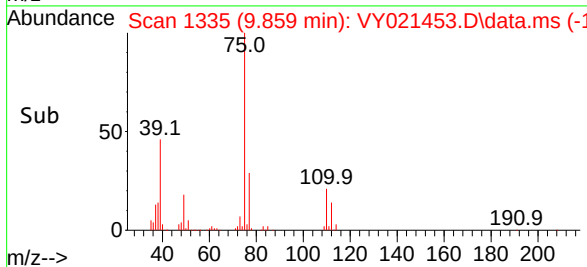
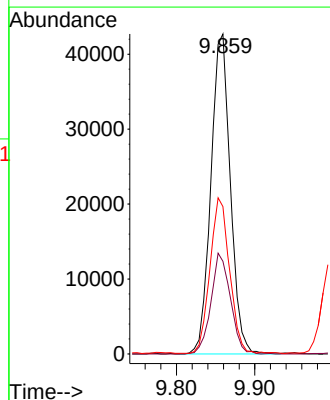
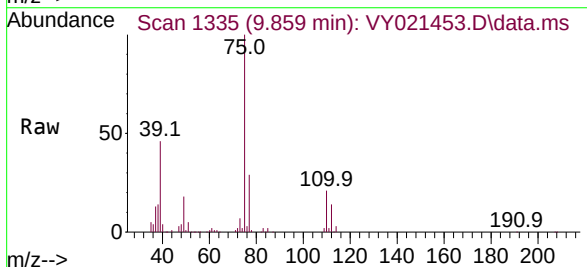
Tgt Ion: 75 Resp: 73636

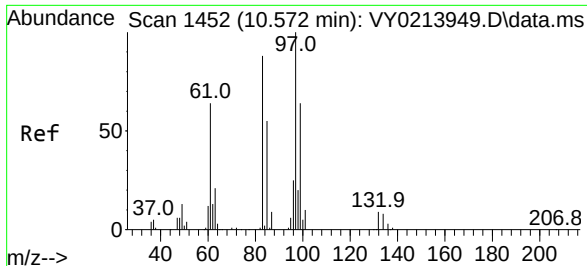
Ion Ratio Lower Upper

75 100

77 28.9 24.6 37.0

39 45.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 19.720 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

Tgt Ion: 97 Resp: 35572

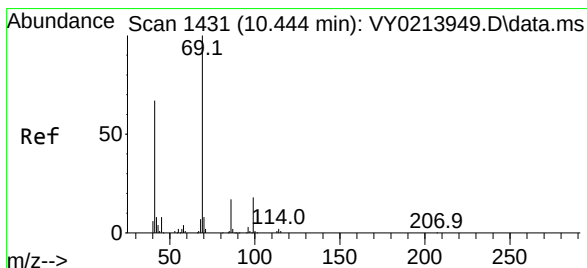
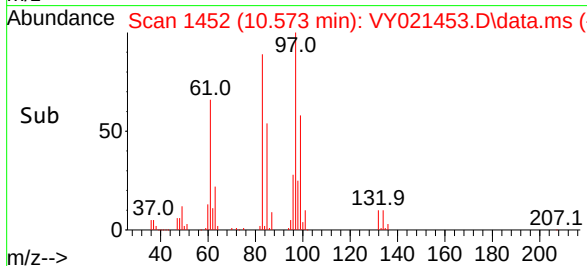
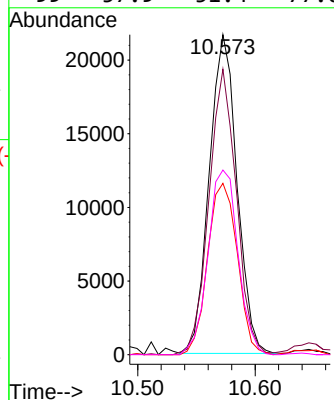
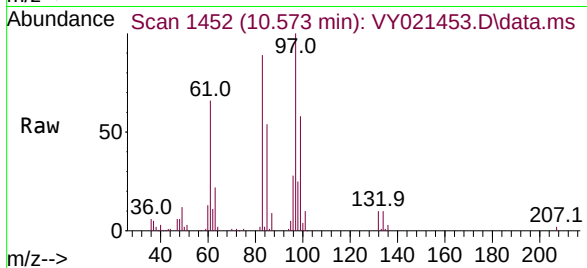
Ion Ratio Lower Upper

97 100

83 88.8 70.0 105.0

85 53.8 44.3 66.5

99 57.9 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.396 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

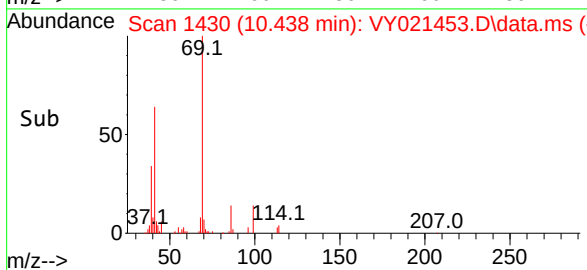
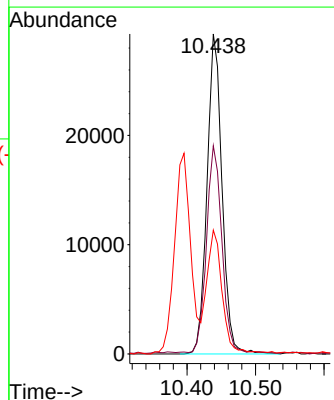
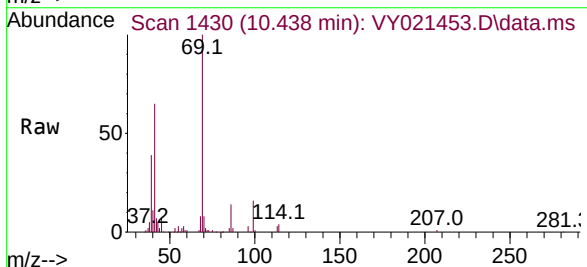
Tgt Ion: 69 Resp: 44620

Ion Ratio Lower Upper

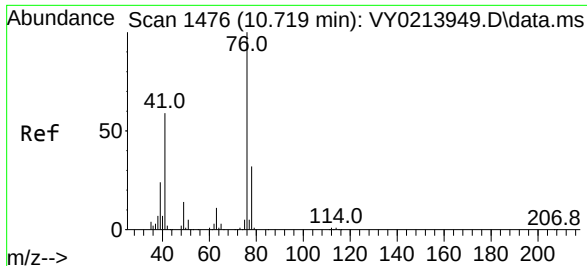
69 100

41 66.9 53.3 79.9

39 38.7 31.0 46.6







#57

1,3-Dichloropropane

Concen: 19.491 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

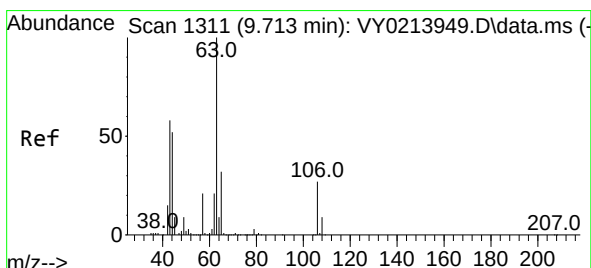
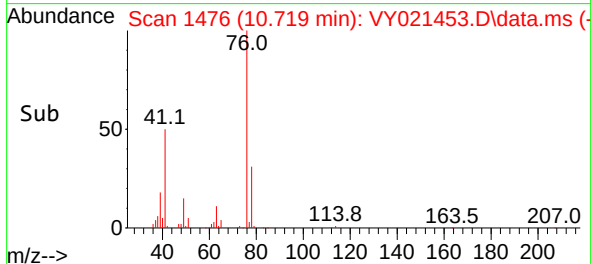
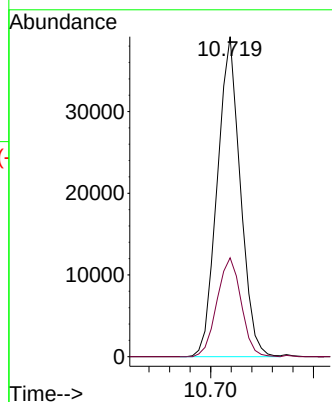
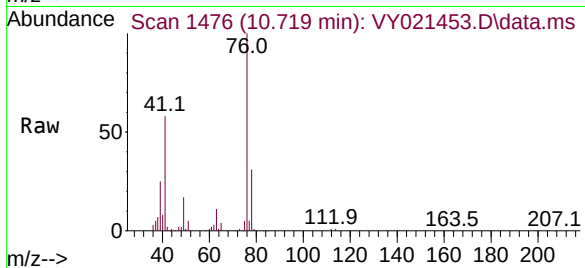
VY0307SBS01

Tgt Ion: 76 Resp: 60936

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 101.290 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021453.D

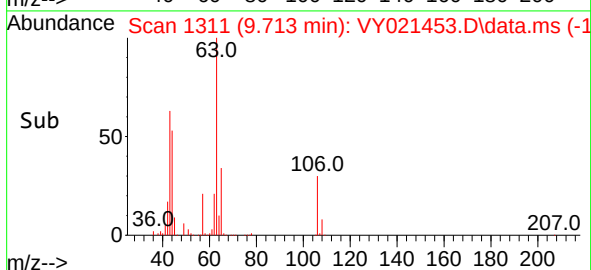
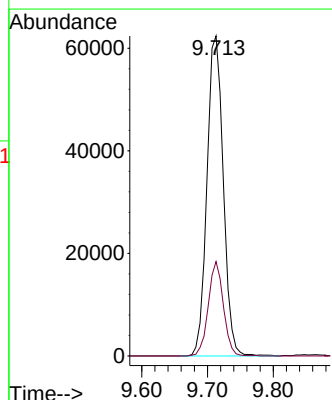
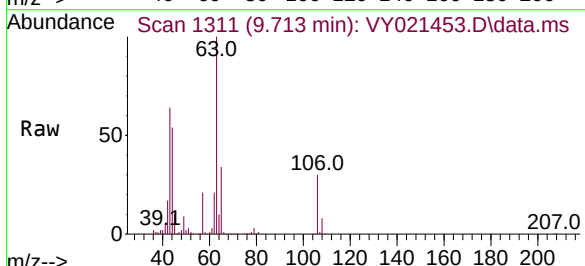
Acq: 07 Mar 2025 12:03

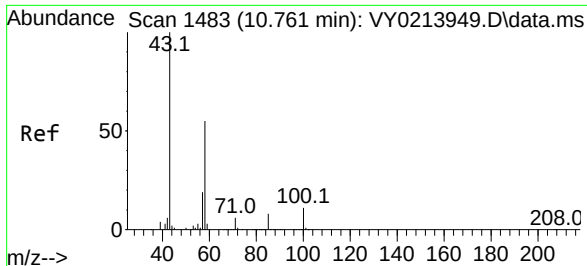
Tgt Ion: 63 Resp: 107568

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

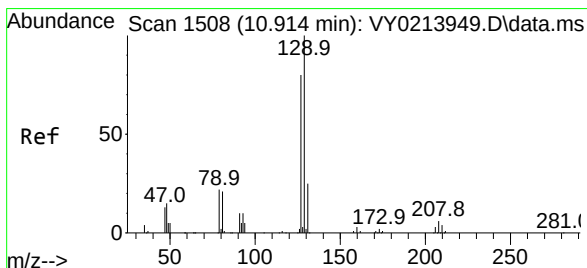
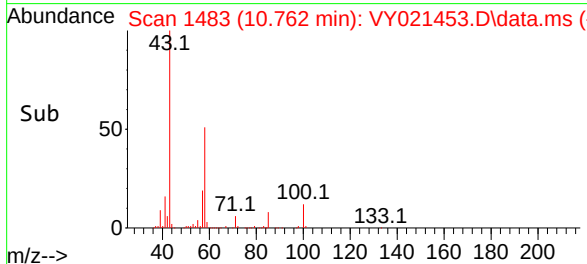
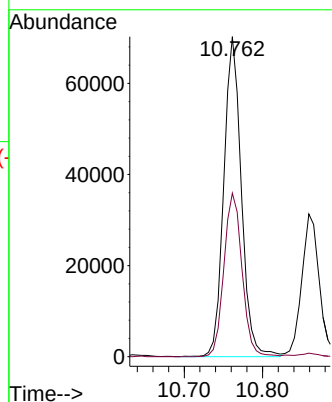
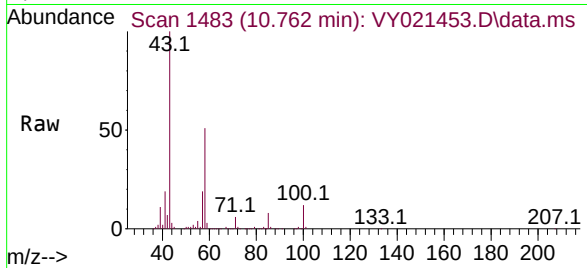




#59  
2-Hexanone  
Concen: 105.872 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

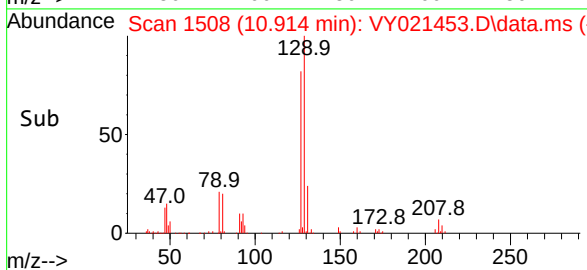
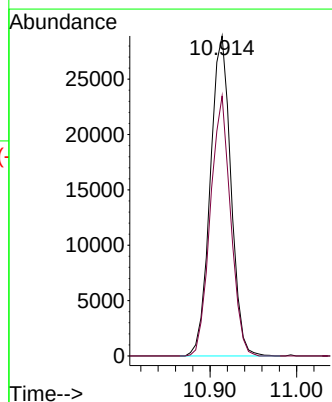
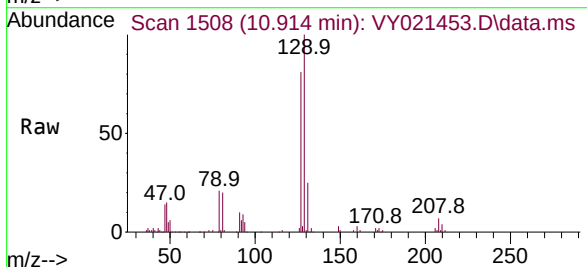
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

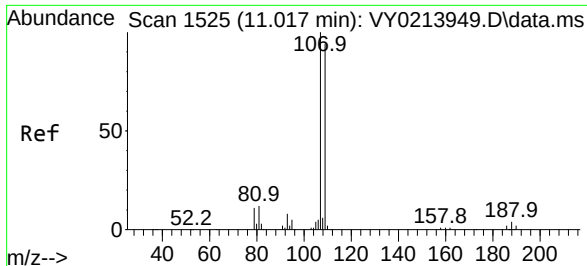
Tgt Ion: 43 Resp: 109553  
Ion Ratio Lower Upper  
43 100  
58 52.7 27.3 81.8



#60  
Dibromochloromethane  
Concen: 19.358 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 129 Resp: 47870  
Ion Ratio Lower Upper  
129 100  
127 79.4 39.1 117.3

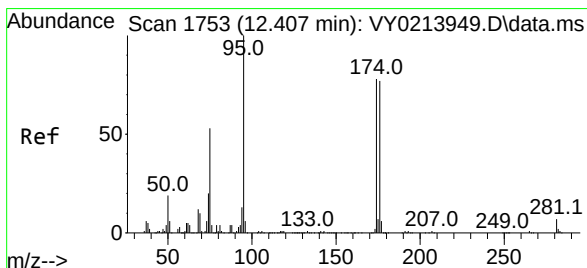
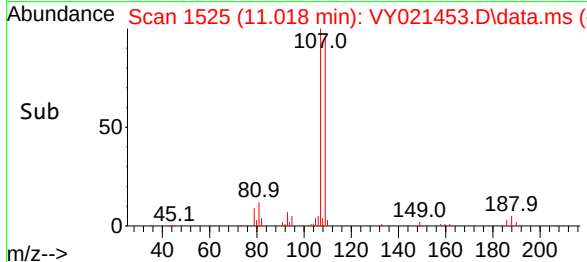
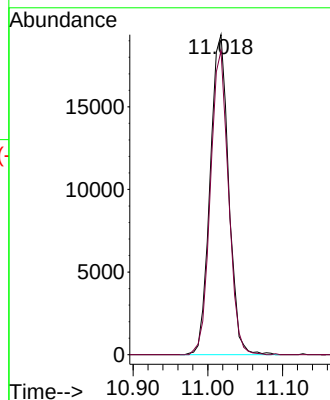
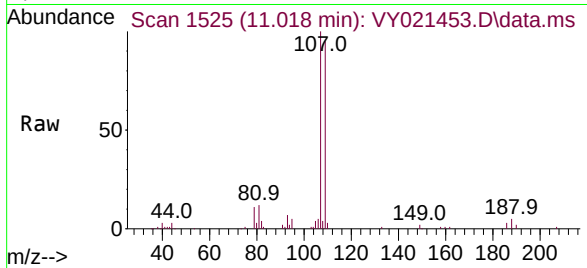




#61  
 1,2-Dibromoethane  
 Concen: 19.641 ug/l  
 RT: 11.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

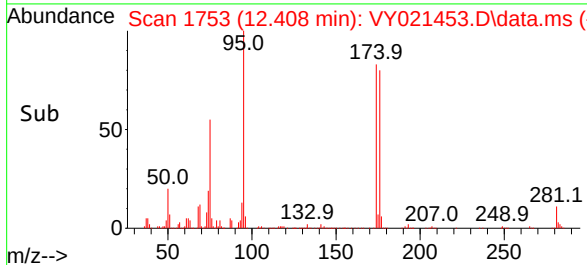
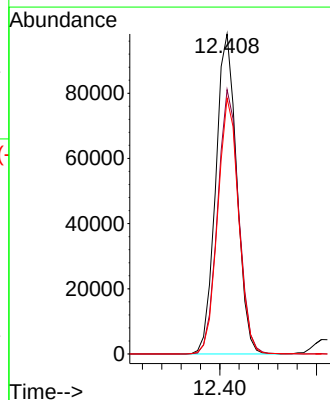
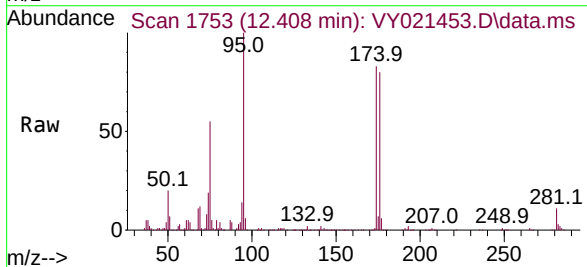
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

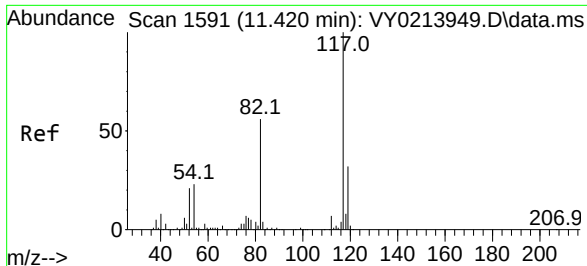
Tgt Ion:107 Resp: 33437  
 Ion Ratio Lower Upper  
 107 100  
 109 92.3 75.8 113.8



#62  
 4-Bromofluorobenzene  
 Concen: 50.913 ug/l  
 RT: 12.408 min Scan# 1753  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

Tgt Ion: 95 Resp: 148084  
 Ion Ratio Lower Upper  
 95 100  
 174 82.8 0.0 165.0  
 176 79.4 0.0 160.0

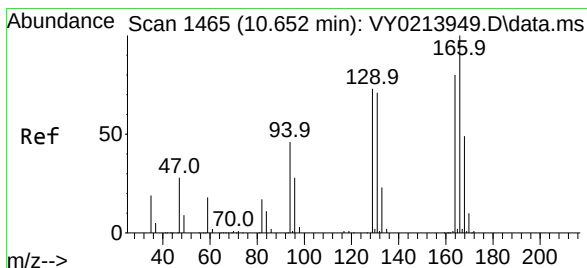
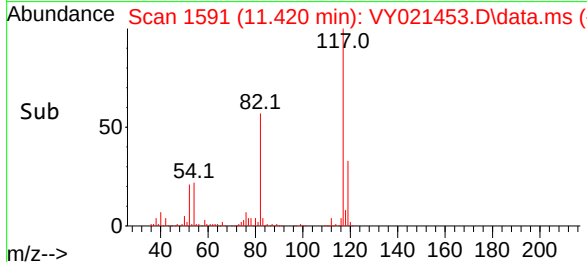
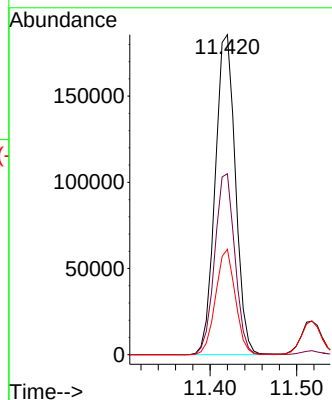
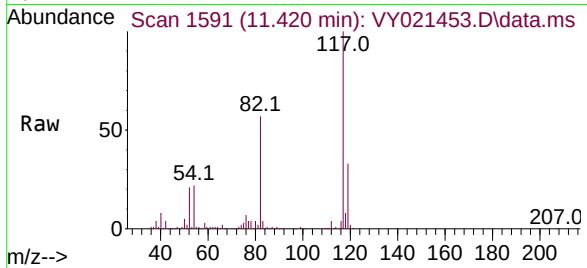




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

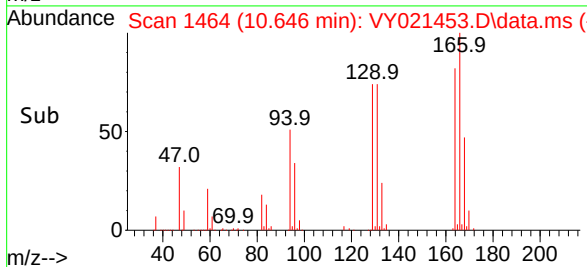
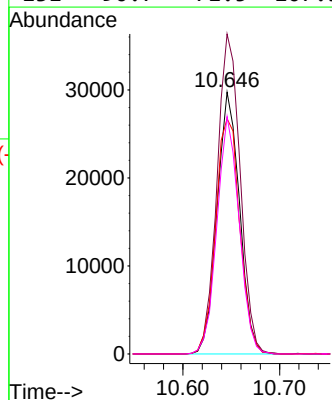
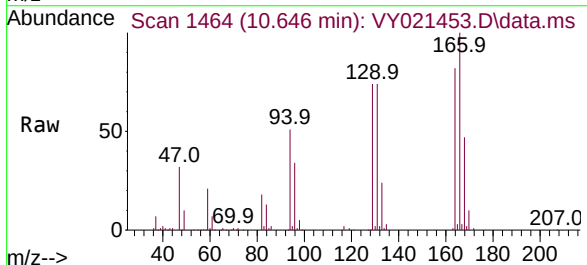
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

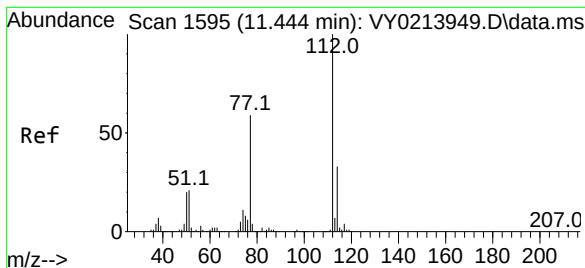
Tgt Ion:117 Resp: 301562  
Ion Ratio Lower Upper  
117 100  
82 56.5 44.6 67.0  
119 33.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 19.598 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion:164 Resp: 48058  
Ion Ratio Lower Upper  
164 100  
166 122.2 100.4 150.6  
129 89.9 73.8 110.8  
131 90.7 71.5 107.3

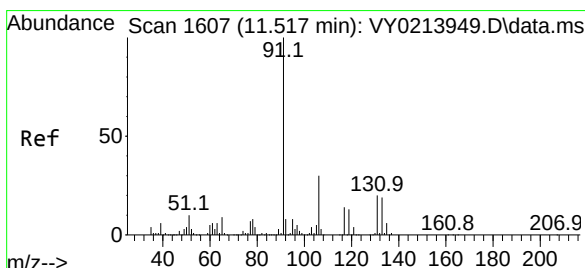
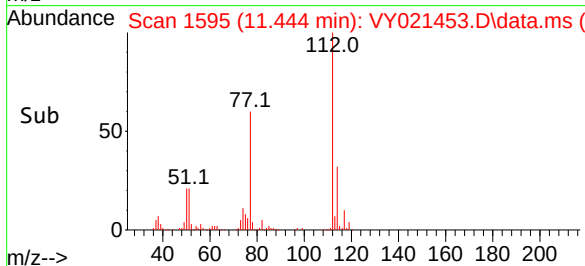
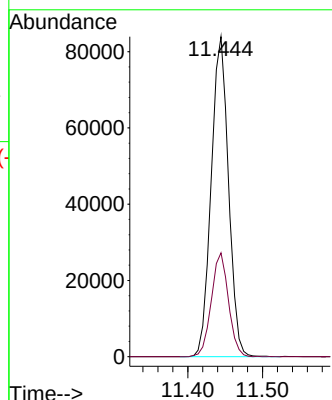
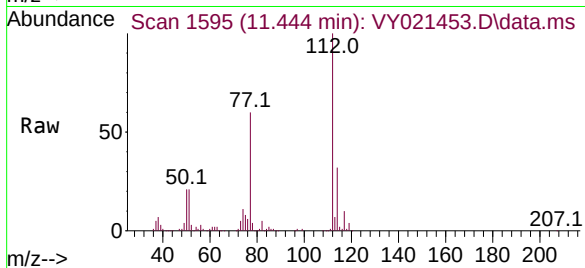




#65  
Chlorobenzene  
Concen: 18.959 ug/l  
RT: 11.444 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

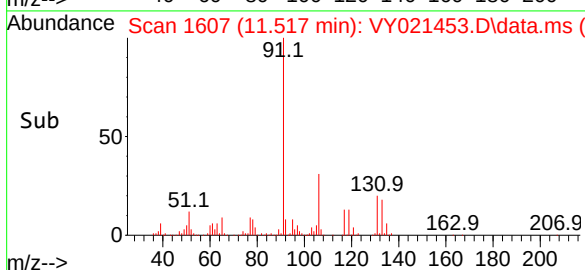
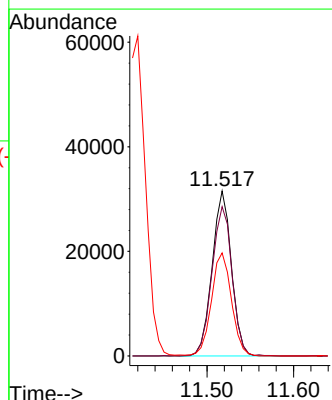
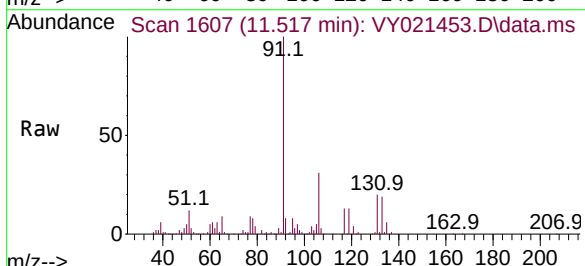
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

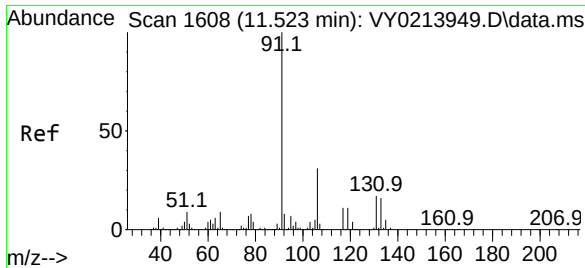
Tgt Ion:112 Resp: 135015  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.388 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion:131 Resp: 48814  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.6 142.9  
119 64.8 32.3 96.9

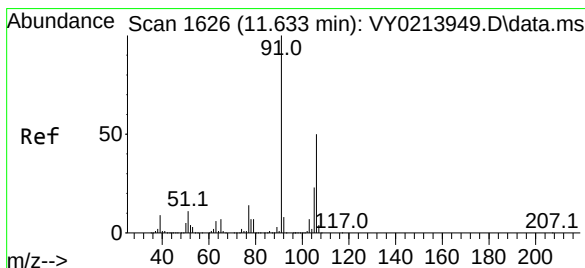
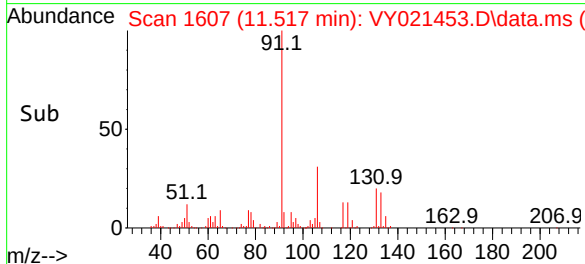
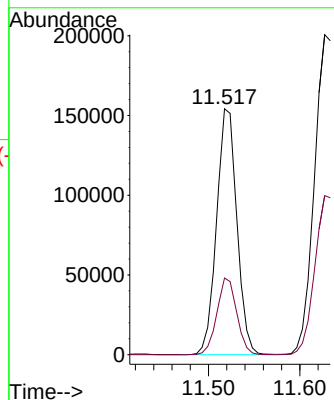
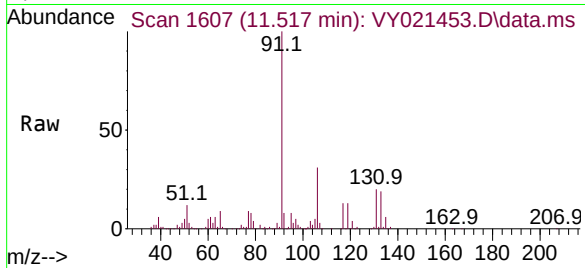




#67  
Ethyl Benzene  
Concen: 19.081 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

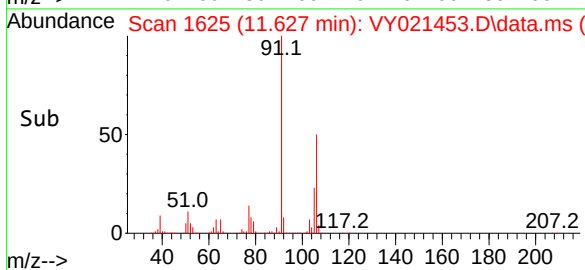
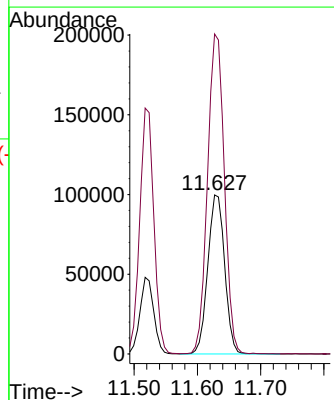
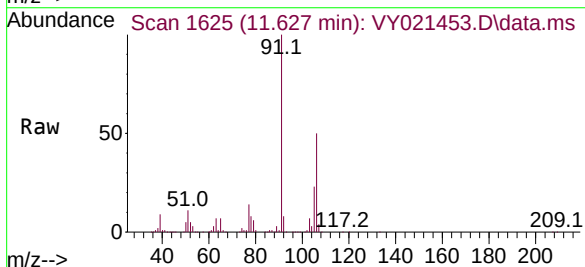
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

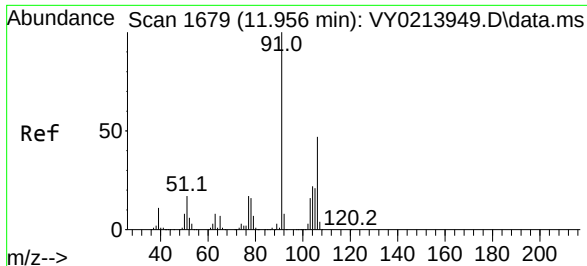
Tgt Ion: 91 Resp: 238496  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.6 36.8



#68  
m/p-Xylenes  
Concen: 38.916 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion:106 Resp: 184669  
Ion Ratio Lower Upper  
106 100  
91 201.0 161.7 242.5





#69

o-Xylene

Concen: 19.120 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

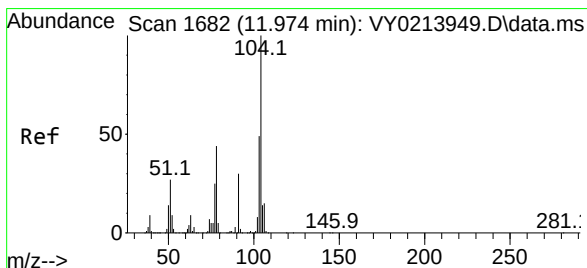
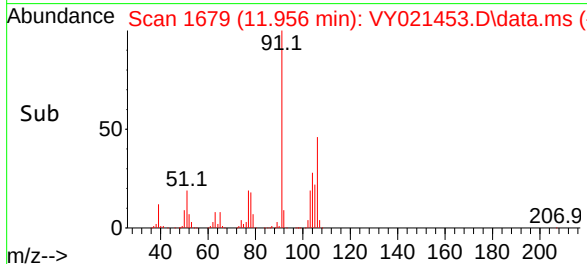
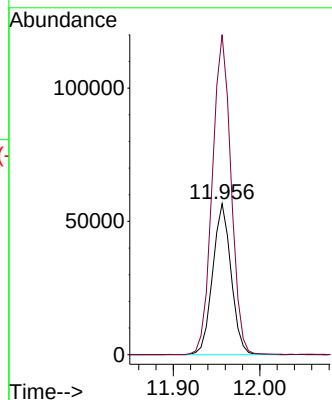
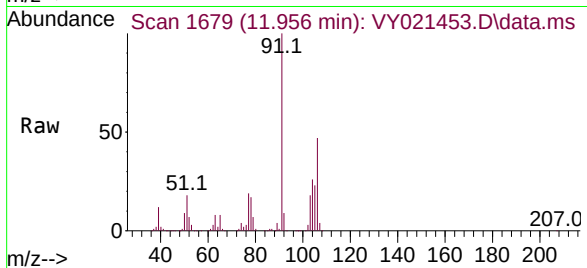
VY0307SBS01

Tgt Ion:106 Resp: 83621

Ion Ratio Lower Upper

106 100

91 216.1 107.6 322.8



#70

Styrene

Concen: 19.324 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

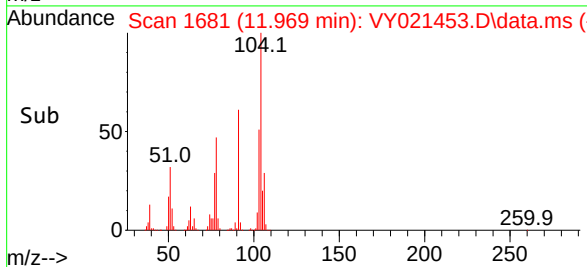
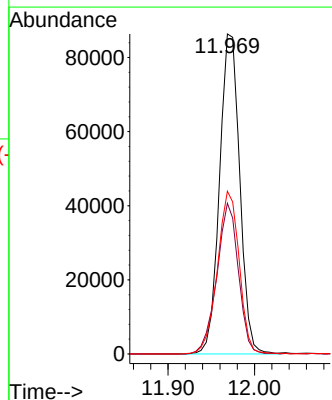
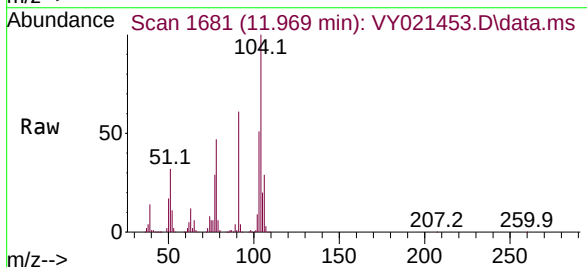
Tgt Ion:104 Resp: 140205

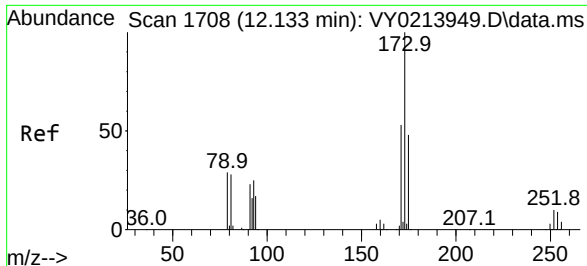
Ion Ratio Lower Upper

104 100

78 50.1 40.7 61.1

103 54.9 44.1 66.1

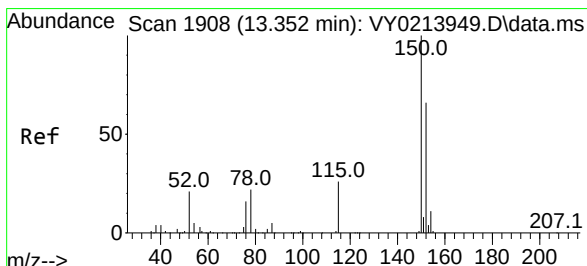
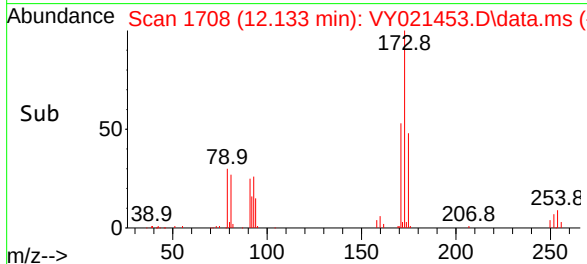
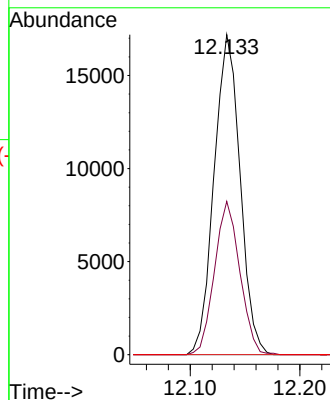
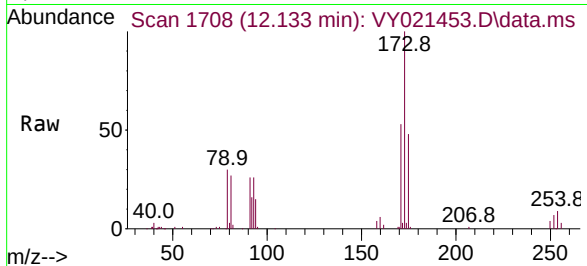




#71  
Bromoform  
Concen: 20.134 ug/l  
RT: 12.133 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

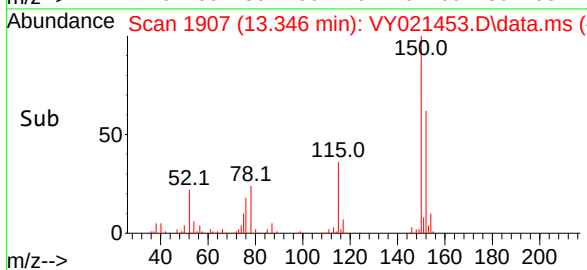
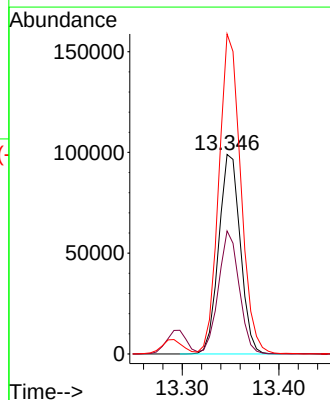
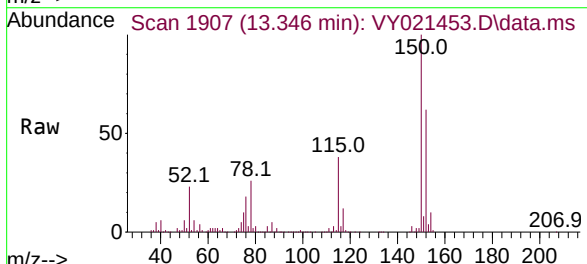
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

Tgt Ion:173 Resp: 28337  
Ion Ratio Lower Upper  
173 100  
175 46.6 23.9 71.7  
254 0.0 0.1 0.1#

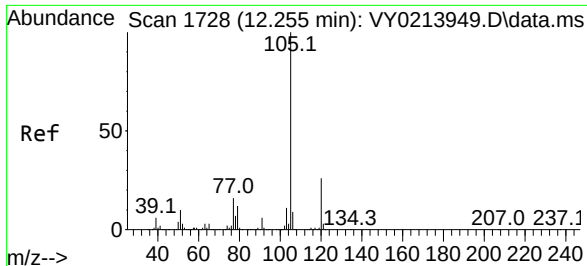


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.346 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion:152 Resp: 152803  
Ion Ratio Lower Upper  
152 100  
115 59.3 29.0 87.0  
150 163.4 0.0 347.2







#73

Isopropylbenzene

Concen: 18.919 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

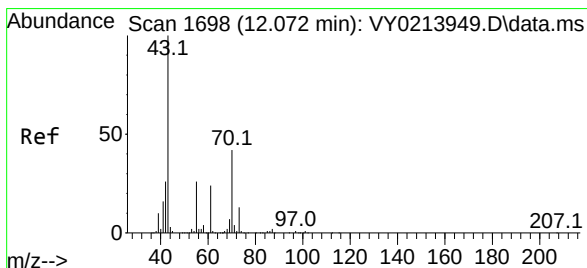
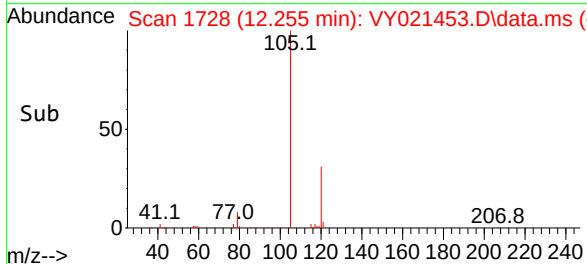
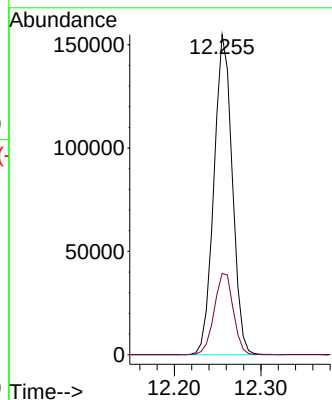
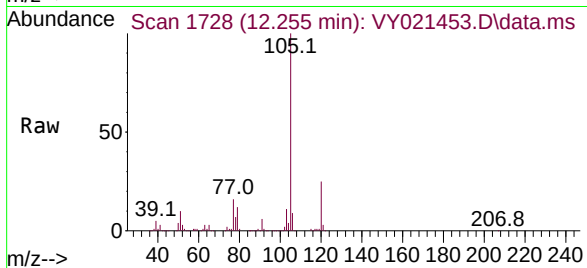
VY0307SBS01

Tgt Ion:105 Resp: 227722

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 18.789 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Tgt Ion: 43 Resp: 49116

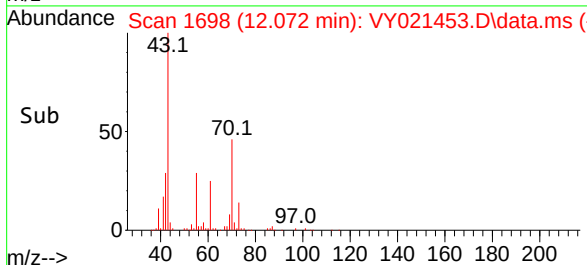
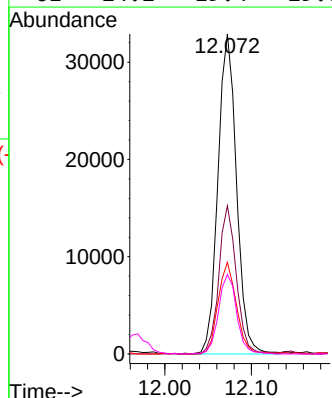
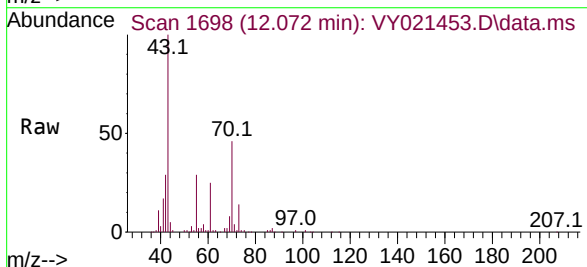
Ion Ratio Lower Upper

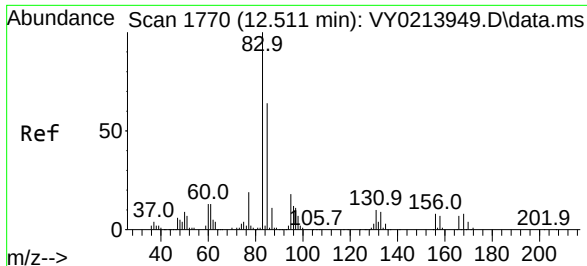
43 100

70 43.6 34.6 51.8

55 28.4 21.1 31.7

61 24.2 19.4 29.0

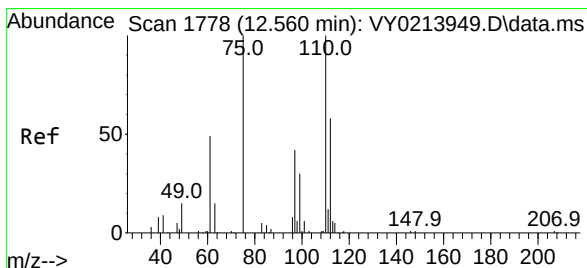
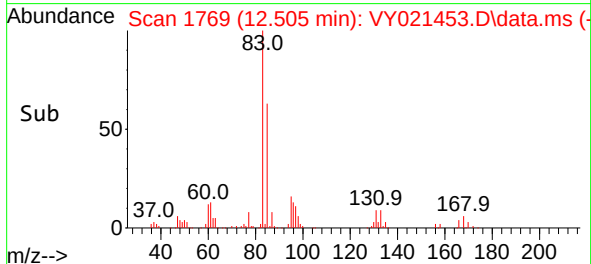
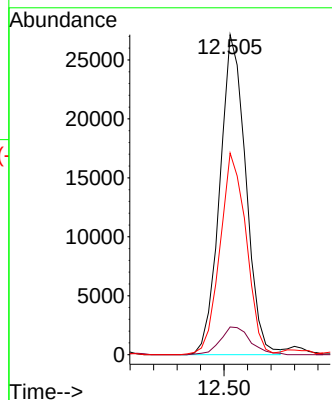
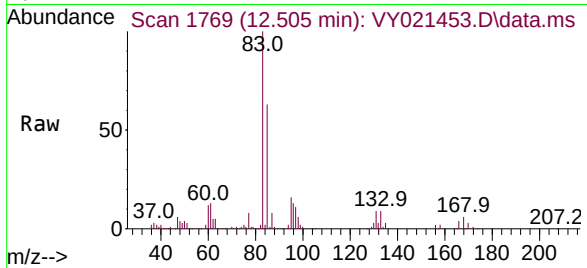




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.647 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.006 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

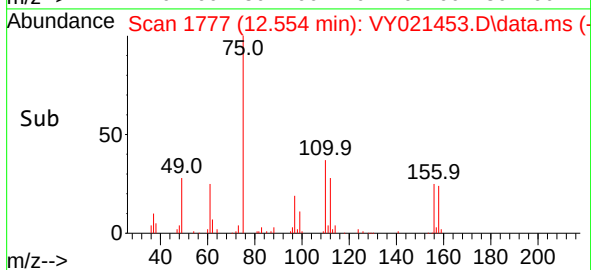
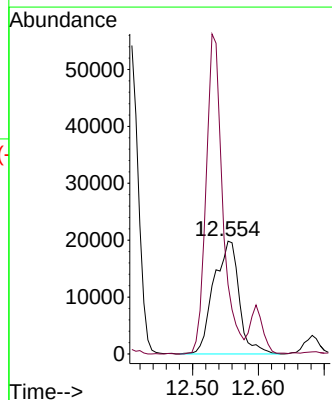
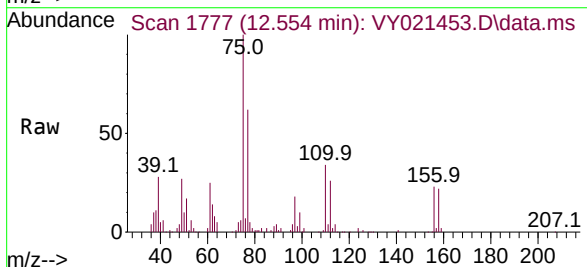
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

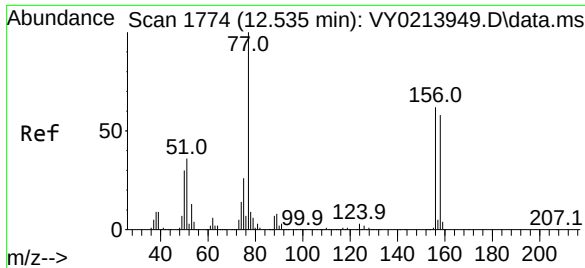
Tgt Ion: 83 Resp: 41732  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 5.3 16.1  
 85 63.6 31.9 95.5



#76  
 1,2,3-Trichloropropane  
 Concen: 34.669 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.006 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

Tgt Ion: 75 Resp: 53382  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

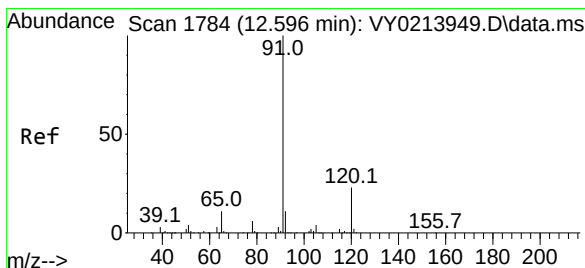
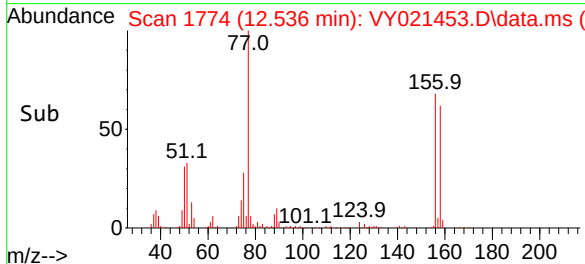
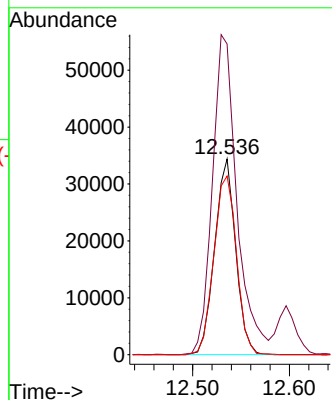
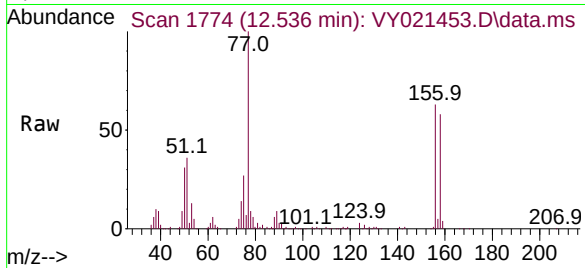




#77  
Bromobenzene  
Concen: 18.413 ug/l  
RT: 12.536 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

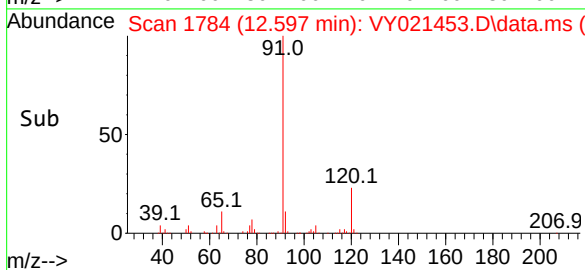
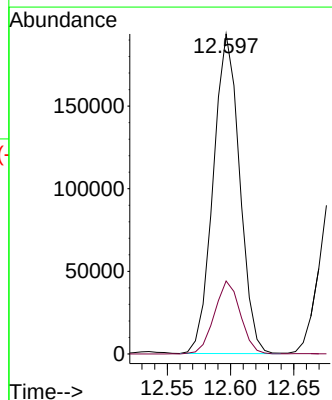
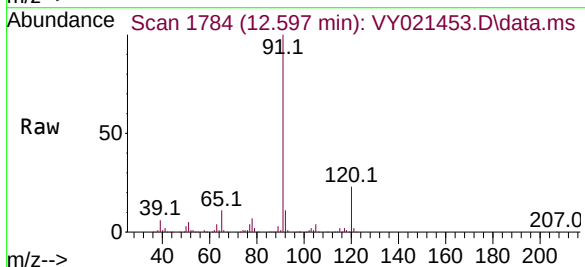
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

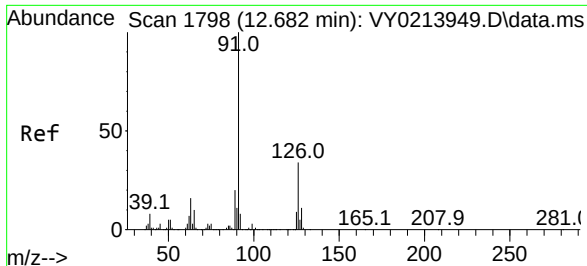
Tgt Ion:156 Resp: 51851  
Ion Ratio Lower Upper  
156 100  
77 190.8 93.6 280.8  
158 98.4 48.3 144.8



#78  
n-propylbenzene  
Concen: 19.208 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 91 Resp: 280785  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.3 33.8

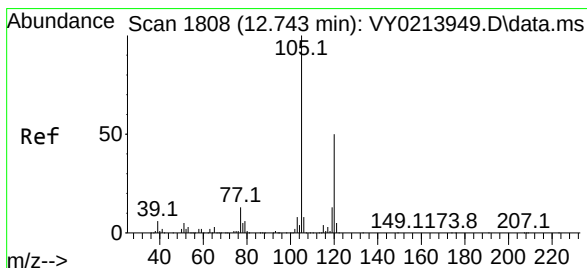
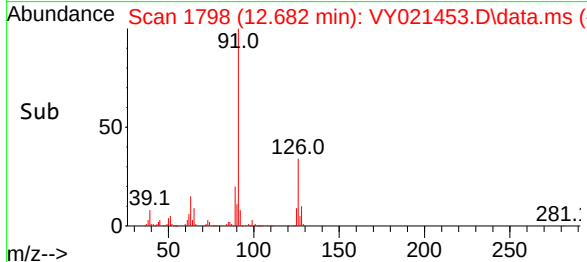
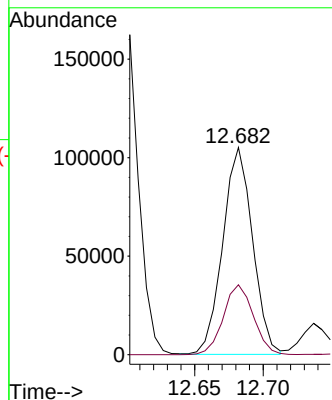
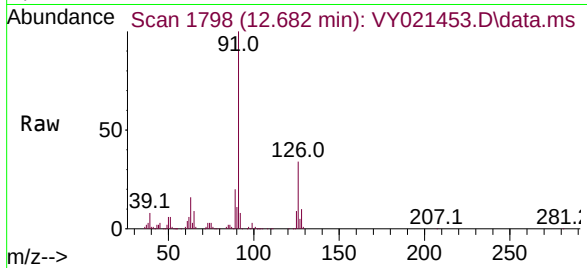




#79  
2-Chlorotoluene  
Concen: 19.038 ug/l  
RT: 12.682 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

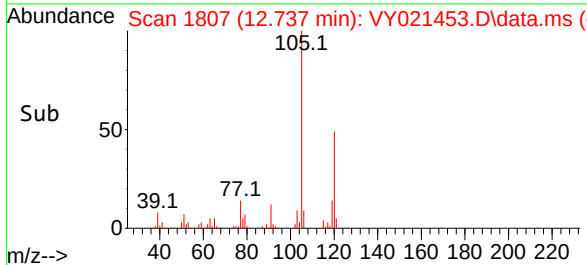
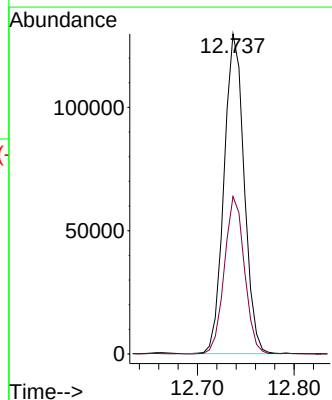
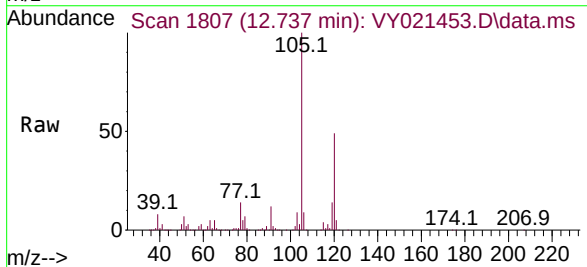
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

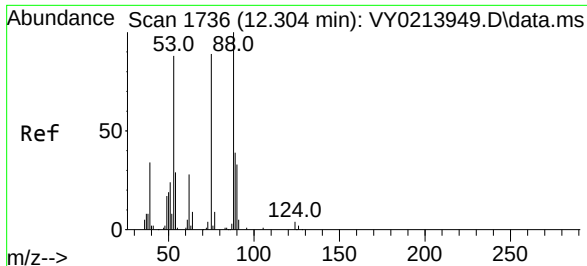
Tgt Ion: 91 Resp: 159129  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.2 51.6



#80  
1,3,5-Trimethylbenzene  
Concen: 19.136 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.006 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion:105 Resp: 187183  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.6 73.6

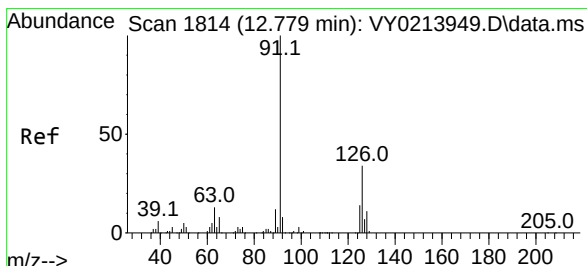
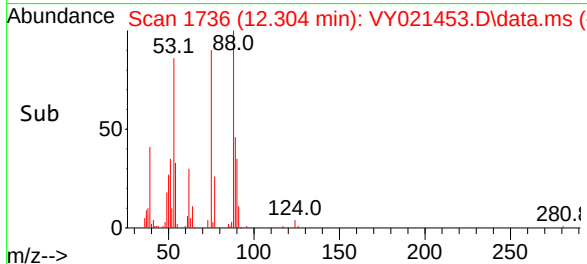
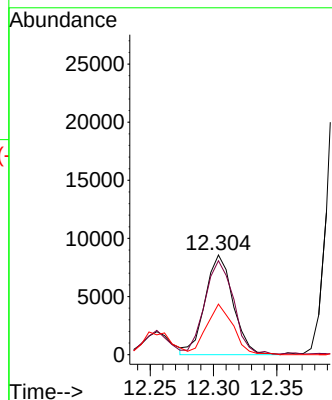
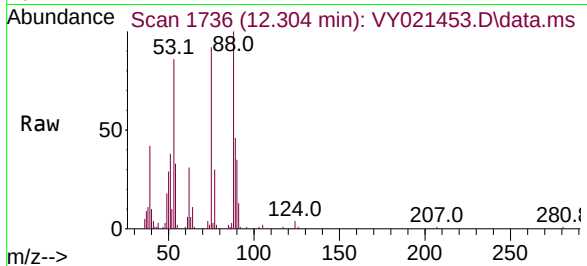




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.450 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

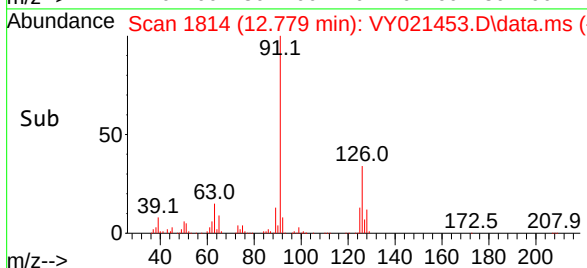
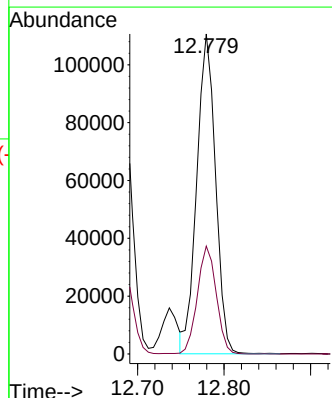
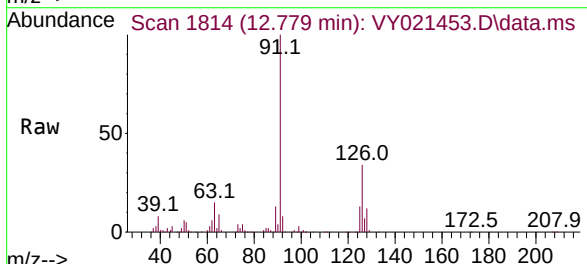
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

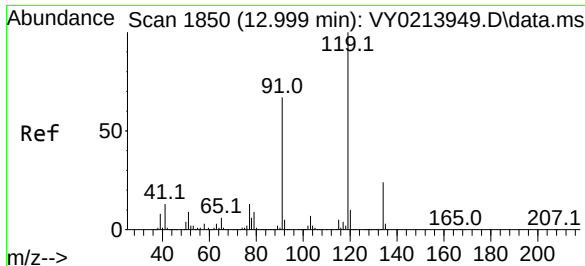
Tgt Ion: 75 Resp: 13174  
Ion Ratio Lower Upper  
75 100  
53 95.6 81.0 121.4  
89 48.1 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.206 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Tgt Ion: 91 Resp: 166239  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.0 51.0

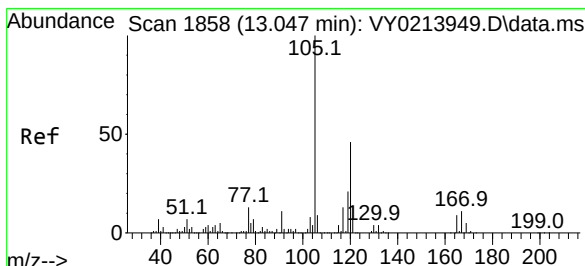
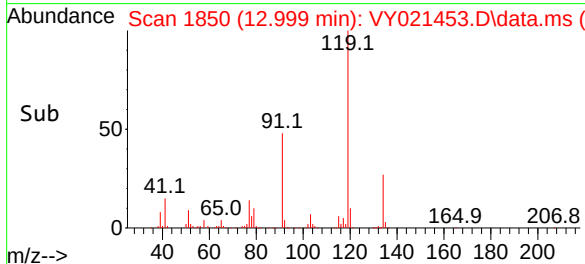
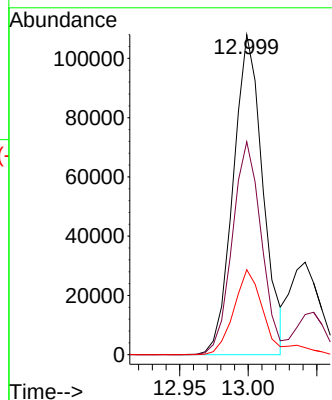
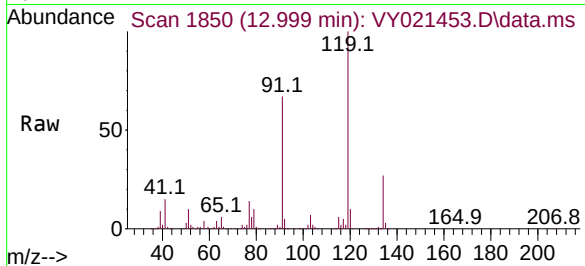




#83  
 tert-Butylbenzene  
 Concen: 18.691 ug/l  
 RT: 12.999 min Scan# 1850  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

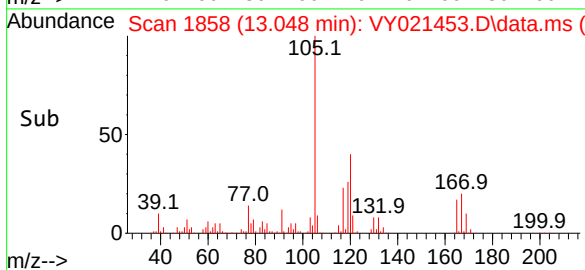
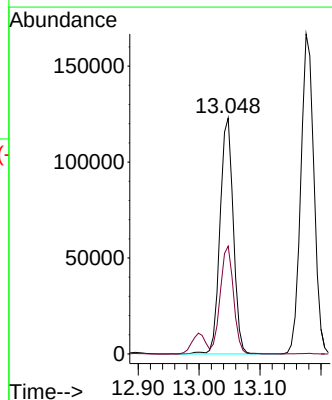
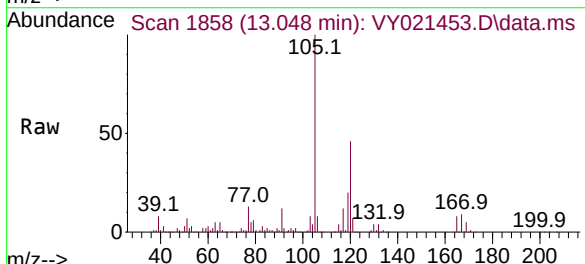
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

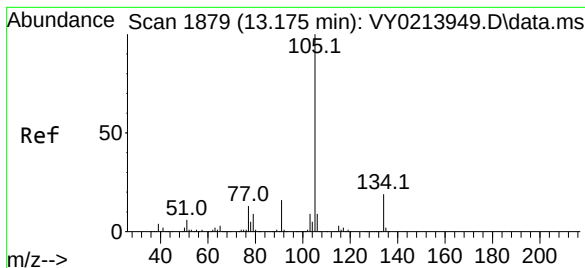
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 163102 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 91       | 65.0  | 33.2  | 99.6   |
| 134      | 27.7  | 13.5  | 40.5   |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.109 ug/l  
 RT: 13.048 min Scan# 1858  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 185591 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 45.7  | 22.7  | 68.1   |





#85

sec-Butylbenzene

Concen: 19.192 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

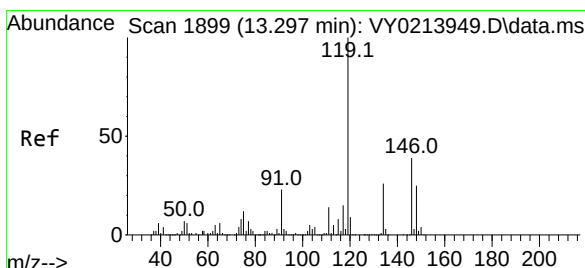
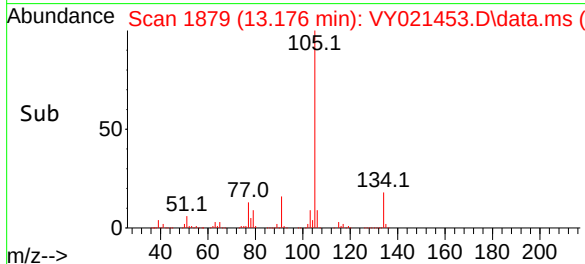
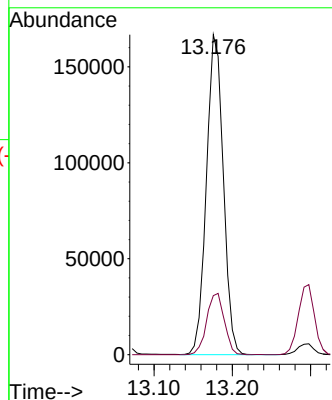
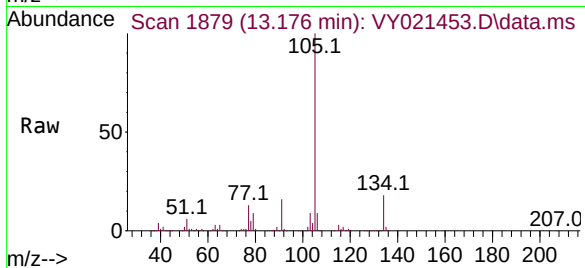
VY0307SBS01

Tgt Ion:105 Resp: 249181

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 18.939 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

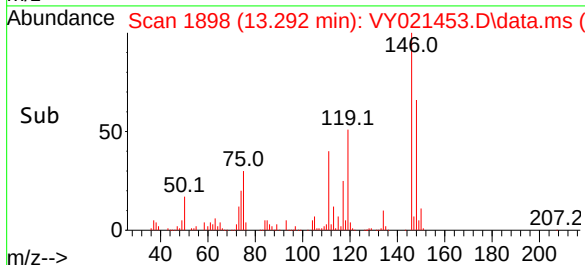
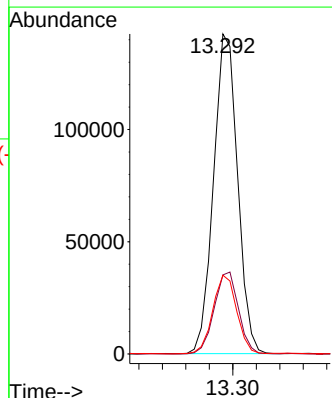
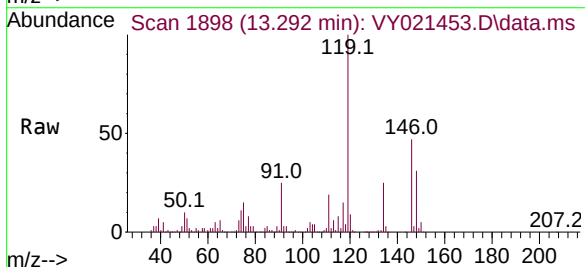
Tgt Ion:119 Resp: 202582

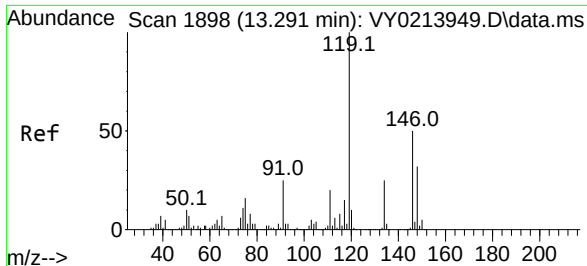
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.798 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

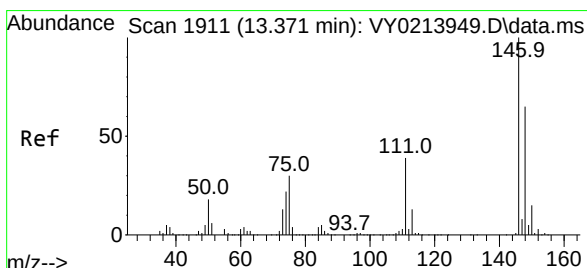
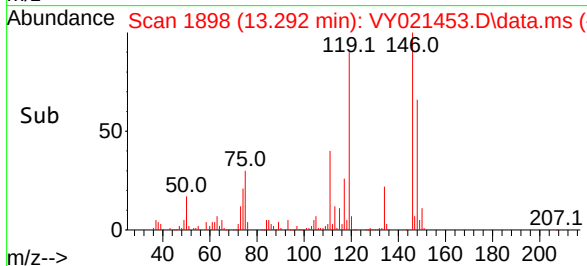
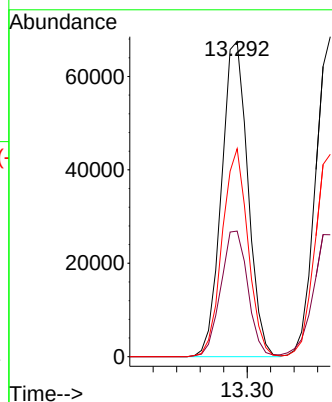
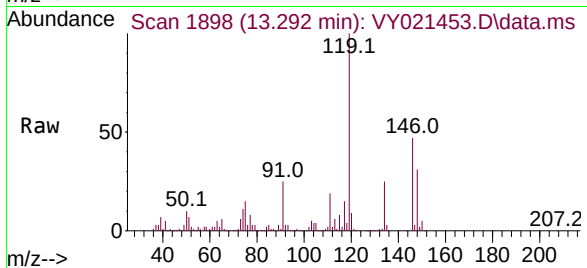
Tgt Ion:146 Resp: 105372

Ion Ratio Lower Upper

146 100

111 40.9 20.0 60.0

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.131 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

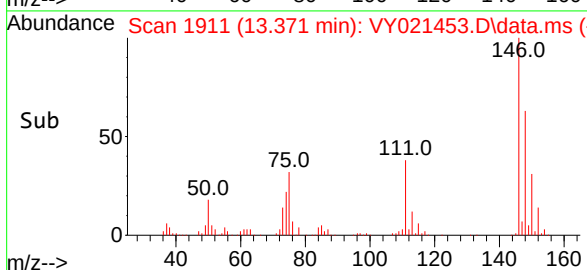
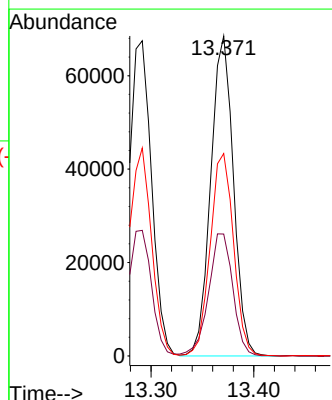
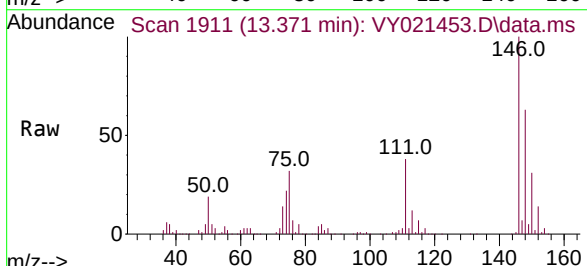
Tgt Ion:146 Resp: 104875

Ion Ratio Lower Upper

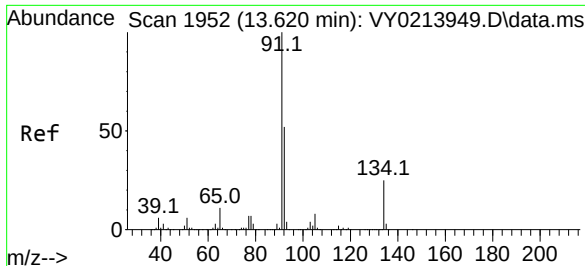
146 100

111 41.0 19.6 58.8

148 65.4 32.3 96.8







#89

n-Butylbenzene

Concen: 18.856 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021453.D

Acq: 07 Mar 2025 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

VY0307SBS01

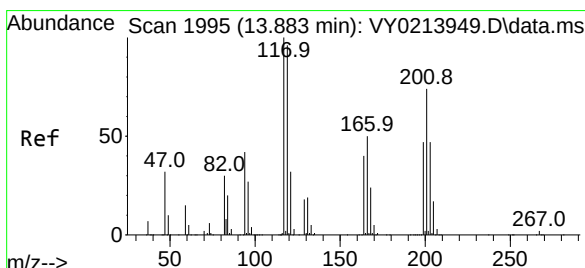
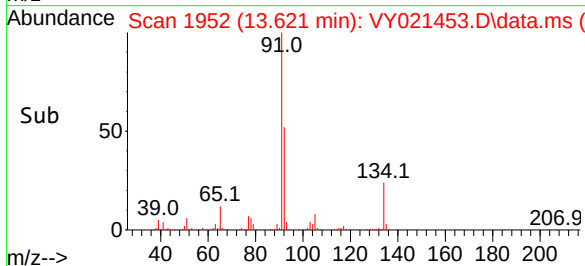
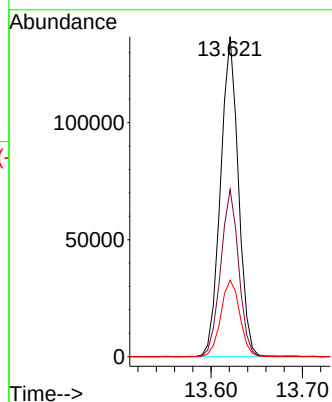
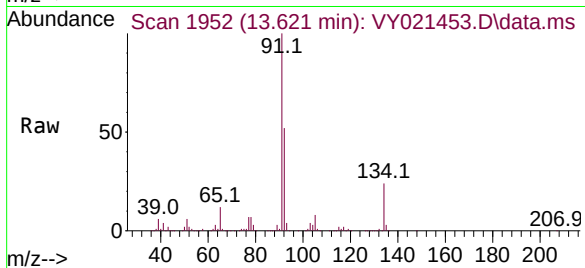
Tgt Ion: 91 Resp: 186240

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 19.087 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021453.D

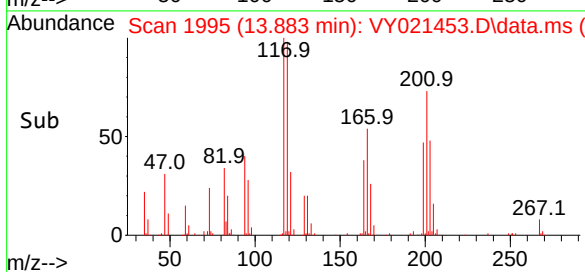
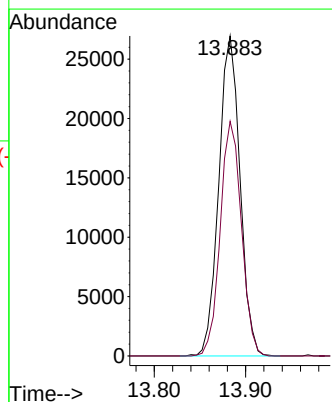
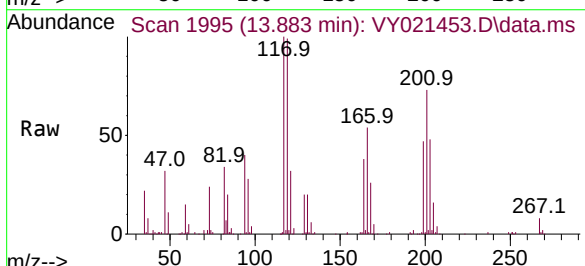
Acq: 07 Mar 2025 12:03

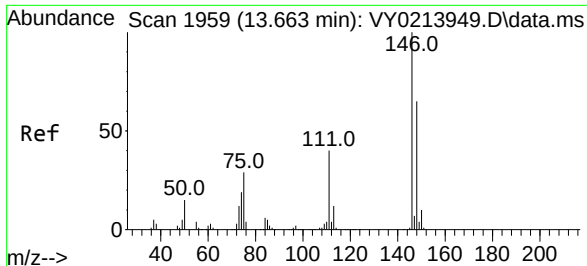
Tgt Ion: 117 Resp: 43553

Ion Ratio Lower Upper

117 100

201 73.1 37.4 112.2

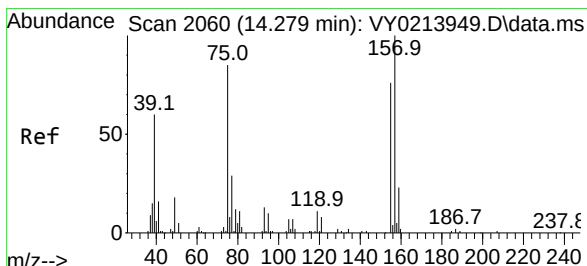
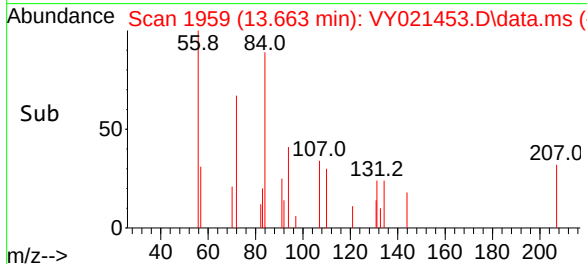
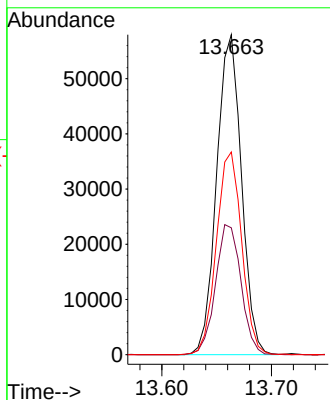
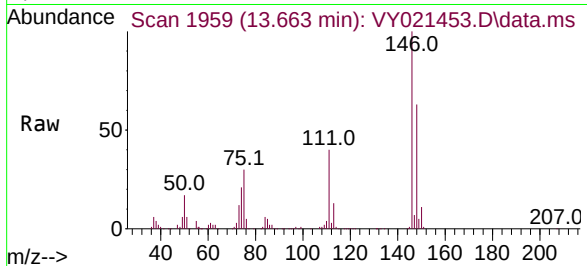




#91  
 1,2-Dichlorobenzene  
 Concen: 18.995 ug/l  
 RT: 13.663 min Scan# 1959  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

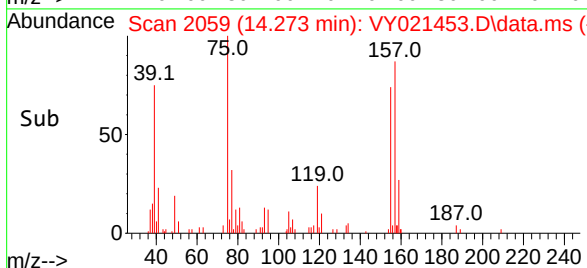
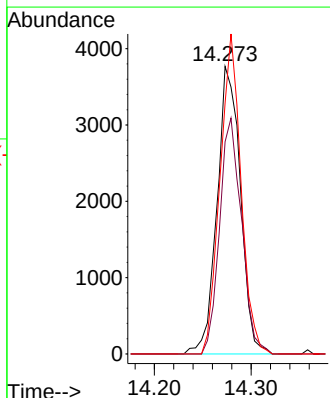
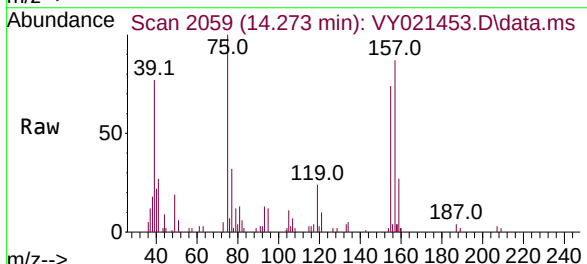
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

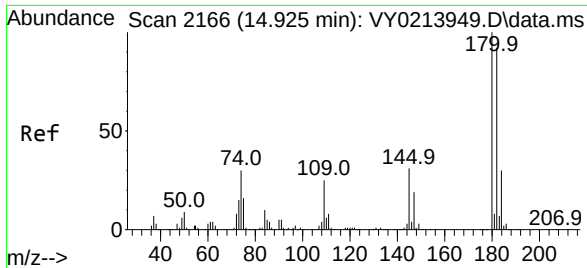
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 91257 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 41.8  | 20.7  | 62.1  |
| 148      | 64.6  | 32.1  | 96.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.835 ug/l  
 RT: 14.273 min Scan# 2059  
 Delta R.T. -0.006 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6311  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 77.0  | 43.5  | 130.5 |
| 157      | 99.8  | 54.4  | 163.2 |

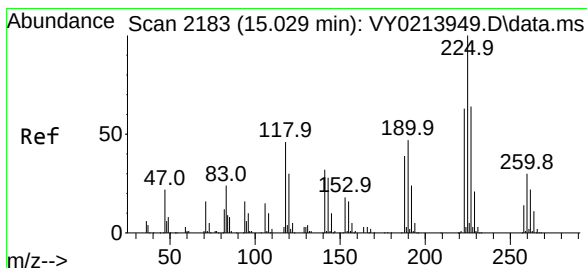
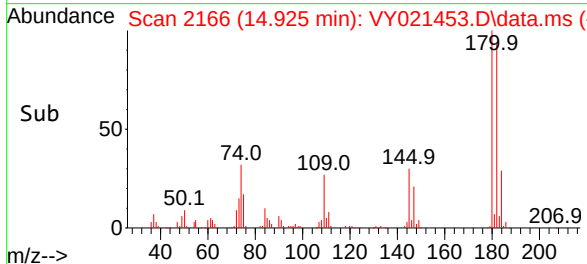
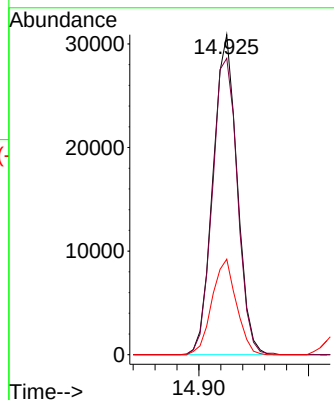
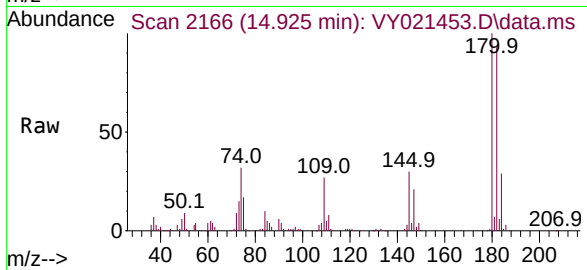




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.977 ug/l  
 RT: 14.925 min Scan# 2166  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

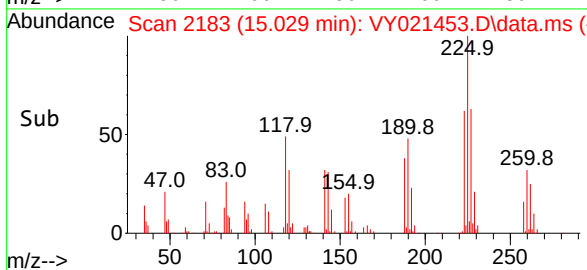
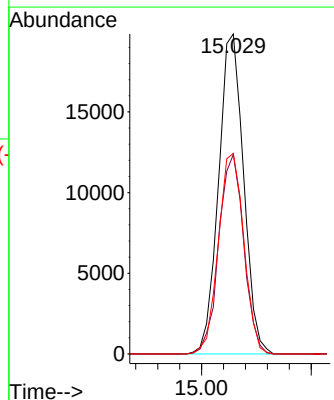
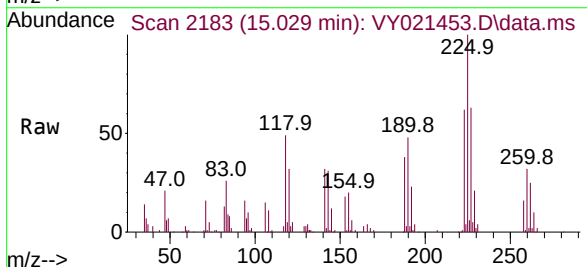
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0307SBS01

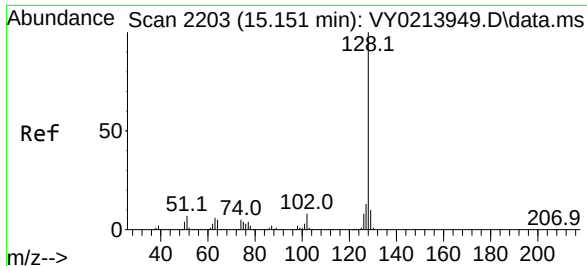
Tgt Ion:180 Resp: 47173  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 46.7 140.0  
 145 30.2 15.6 46.8



#94  
 Hexachlorobutadiene  
 Concen: 19.123 ug/l  
 RT: 15.029 min Scan# 2183  
 Delta R.T. 0.000 min  
 Lab File: VY021453.D  
 Acq: 07 Mar 2025 12:03

Tgt Ion:225 Resp: 31456  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 31.4 94.2  
 227 63.8 31.8 95.4

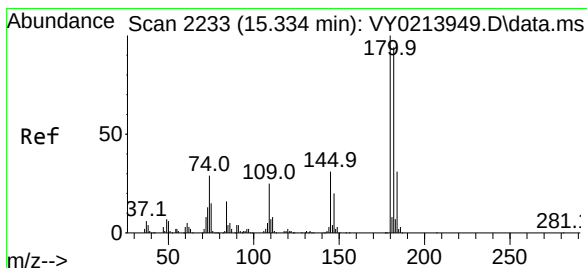
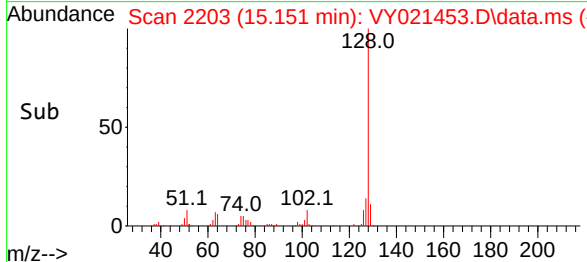
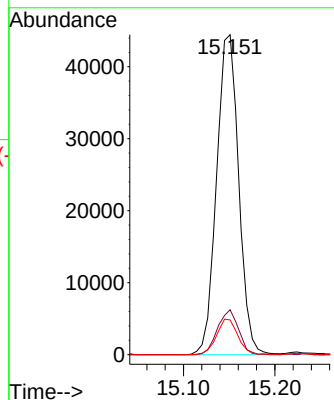
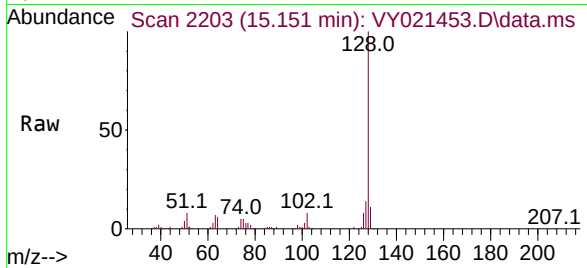




#95  
Naphthalene  
Concen: 18.887 ug/l  
RT: 15.151 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0307SBS01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 74806     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.4  | 10.6 15.8 |
| 129         | 10.7  | 8.6 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.107 ug/l  
RT: 15.334 min Scan# 2233  
Delta R.T. 0.000 min  
Lab File: VY021453.D  
Acq: 07 Mar 2025 12:03

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 39961      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.4  | 47.2 141.6 |
| 145         | 33.3  | 16.4 49.1  |

