

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022425\  
 Data File : VY021307.D  
 Acq On : 24 Feb 2025 17:46  
 Operator : SY/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 25 01:41:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022425S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 25 01:17:25 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 145478   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 227652   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 205901   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 105206   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 84372    | 54.547   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.100% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 75604    | 51.963   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 103.920% |      |
| 50) Toluene-d8              | 10.103 | 98    | 296930   | 55.711   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 111.420% |      |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 101548   | 55.169   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 110.340% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.861 | 85  | 57318  | 58.453  | ug/l   | 97  |
| 3) Chloromethane             | 2.068 | 50  | 83849  | 52.182  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.202 | 62  | 89191  | 69.291  | ug/l   | 100 |
| 5) Bromomethane              | 2.592 | 94  | 59078  | 67.299  | ug/l   | 98  |
| 6) Chloroethane              | 2.733 | 64  | 58759  | 66.927  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 133701 | 62.384  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.452 | 74  | 41038  | 61.939  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 77027  | 59.737  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.007 | 142 | 85619  | 70.566  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.848 | 59  | 30177  | 232.232 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 72872  | 66.671  | ug/l   | 99  |
| 13) Acrolein                 | 3.647 | 56  | 16964  | 213.039 | ug/l   | 95  |
| 14) Allyl chloride           | 4.385 | 41  | 133237 | 65.900  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.055 | 53  | 92507  | 292.386 | ug/l   | 99  |
| 16) Acetone                  | 3.866 | 43  | 75884  | 262.113 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.104 | 76  | 226740 | 88.703  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.385 | 43  | 54093  | 62.066  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 203306 | 58.683  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.616 | 84  | 84049  | 59.460  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 82815  | 69.206  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.019 | 45  | 286766 | 60.083  | ug/l   | 98  |
| 23) Vinyl Acetate            | 5.958 | 43  | 822207 | 308.871 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 157828 | 60.569  | ug/l   | 99  |
| 25) 2-Butanone               | 6.890 | 43  | 123964 | 279.159 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 138969 | 57.105  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 97605  | 62.467  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.244 | 49  | 72511  | 61.585  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.262 | 42  | 83418  | 301.404 | ug/l   | 99  |
| 30) Chloroform               | 7.421 | 83  | 162796 | 59.302  | ug/l   | 97  |
| 31) Cyclohexane              | 7.701 | 56  | 131130 | 65.250  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 147525 | 60.207  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 115238 | 65.494  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.982 | 43  | 57894  | 58.561  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 131550 | 60.454  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.109 | 83  | 147602 | 72.489  | ug/l   | 99  |
| 40) Benzene                  | 8.079 | 78  | 350044 | 64.034  | ug/l   | 98  |

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 Sample : VSTDICV050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 25 01:41:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022425S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 25 01:17:25 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.220  | 41   | 30628    | 58.202   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 101416   | 60.751   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 118257   | 59.398   | ug/l # | 87       |
| 44) Trichloroethene           | 8.866  | 130  | 86439    | 63.237   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 85121    | 59.732   | ug/l   | 100      |
| 46) Dibromomethane            | 9.231  | 93   | 46393    | 59.507   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.420  | 83   | 126559   | 58.370   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 54377    | 60.104   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.225  | 88   | 10297    | 1160.551 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 304494   | 287.721  | ug/l   | 99       |
| 52) Toluene                   | 10.170 | 92   | 221129   | 63.419   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 117628   | 60.336   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 134261   | 60.660   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 60563    | 55.910   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 88954    | 62.869   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.713 | 76   | 109045   | 59.441   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 215091   | 303.376  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.762 | 43   | 204339   | 294.561  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.908 | 129  | 85113    | 57.581   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 58414    | 60.524   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.646 | 164  | 79101    | 61.698   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.438 | 112  | 240814   | 58.976   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 85804    | 56.123   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.518 | 91   | 434334   | 60.684   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.627 | 106  | 326717   | 123.096  | ug/l   | 100      |
| 69) o-Xylene                  | 11.956 | 106  | 155761   | 61.009   | ug/l   | 100      |
| 70) Styrene                   | 11.969 | 104  | 265729   | 61.364   | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 49388    | 55.404   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.255 | 105  | 420348   | 59.150   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.066 | 43   | 109060   | 58.083   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 71319    | 53.286   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 95171    | 97.699   | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 96588    | 57.298   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.597 | 91   | 508427   | 58.893   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 285879   | 57.564   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 344487   | 58.927   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 24034    | 53.664   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 293711   | 56.863   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 314033   | 57.734   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 340982   | 57.885   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 454071   | 57.906   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 384429   | 58.585   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 191331   | 55.740   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 185973   | 54.929   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.615 | 91   | 360949   | 57.691   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.883 | 117  | 77636    | 55.183   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 164841   | 54.446   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 11236    | 51.226   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 103542   | 57.142   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 64379    | 54.372   | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 178295   | 59.343   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 87816    | 56.447   | ug/l   | 99       |

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Sample : VSTDICV050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Feb 25 01:41:48 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022425S.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 25 01:17:25 2025  
Response via : Initial Calibration

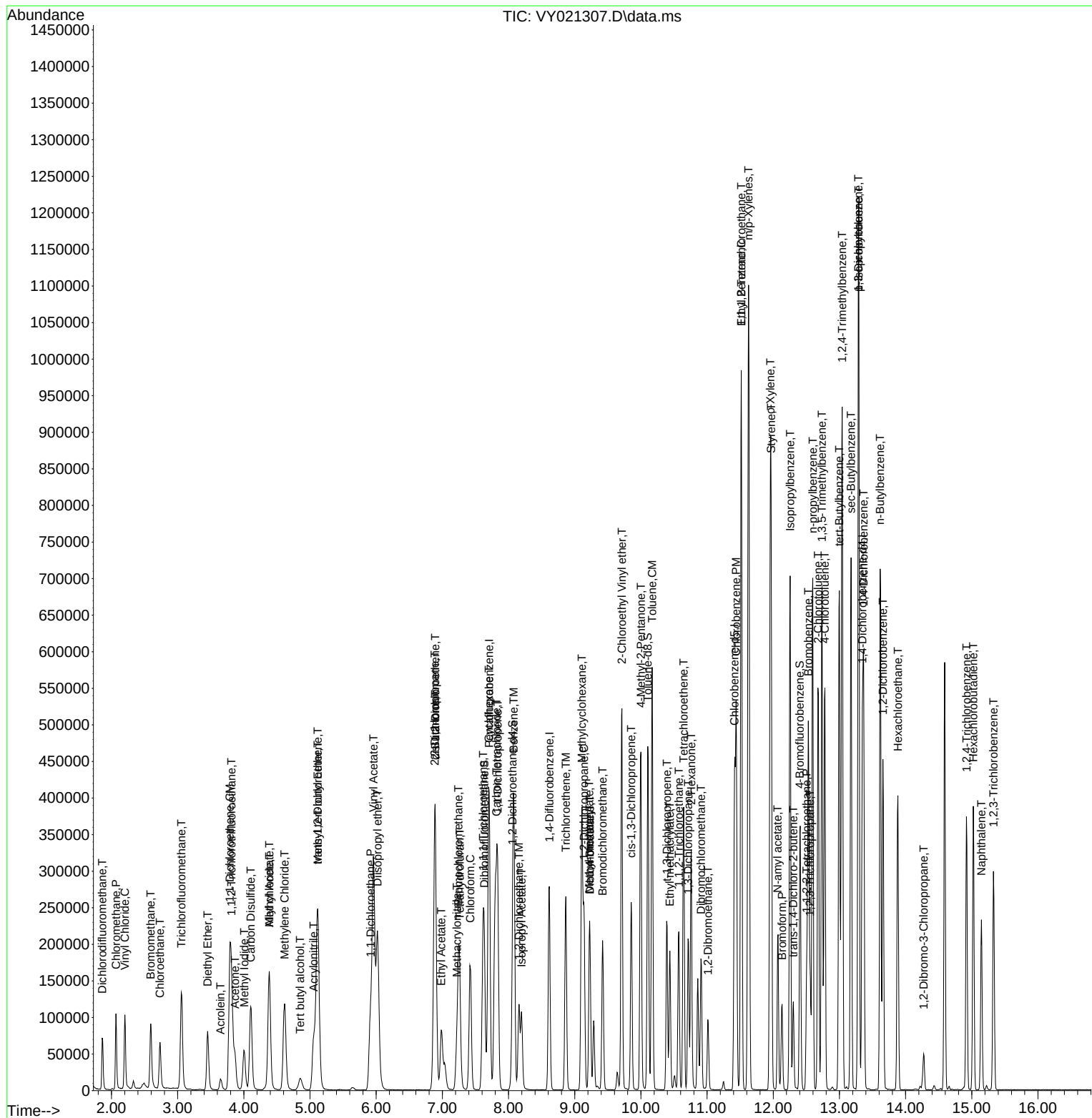
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

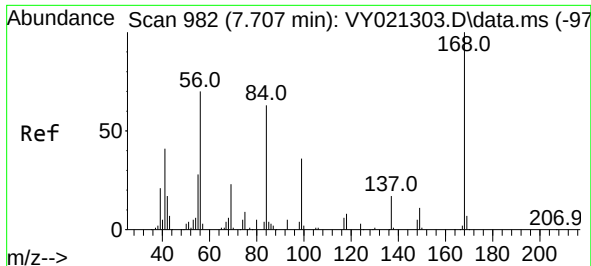
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022425\  
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 ALS Vial : 10 Sample Multiplier: 1

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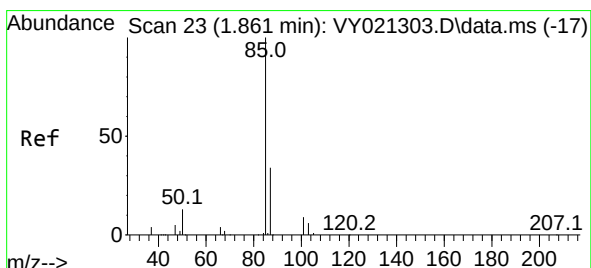
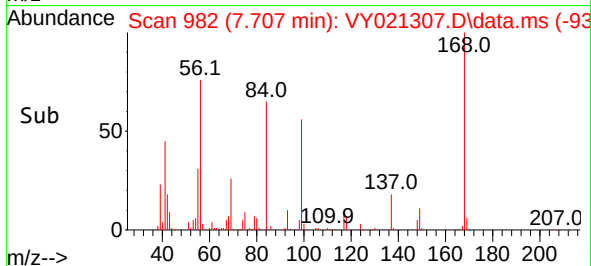
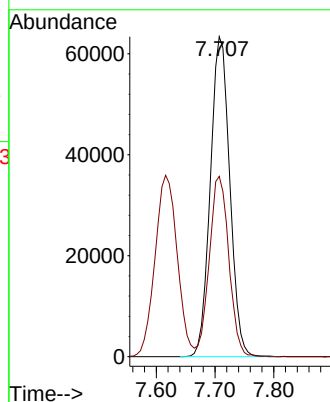
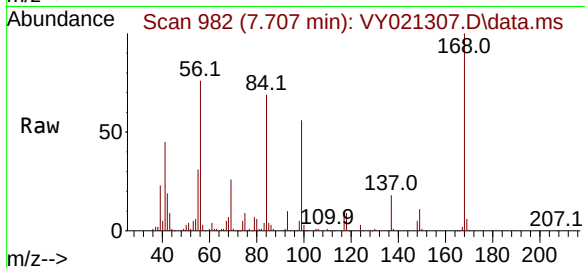




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

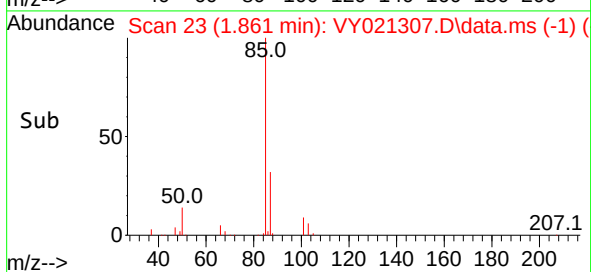
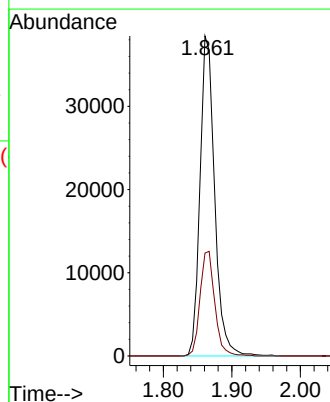
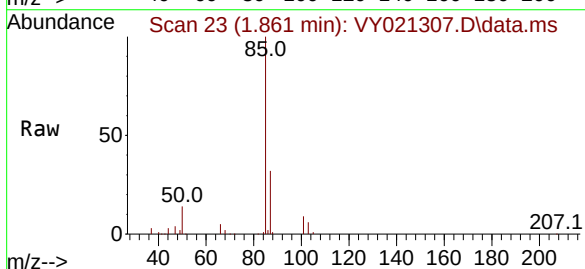
Instrument :  
MSVOA\_Y  
ClientSampleId :

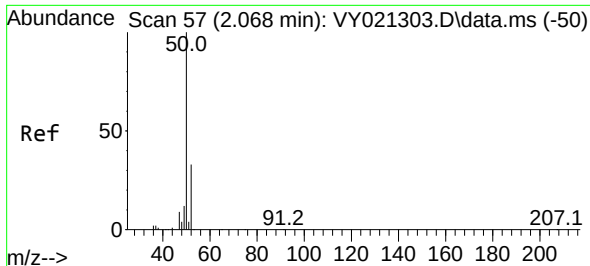
Tgt Ion:168 Resp: 145478  
Ion Ratio Lower Upper  
168 100  
99 56.3 45.0 67.6



#2  
Dichlorodifluoromethane  
Concen: 58.453 ug/l  
RT: 1.861 min Scan# 23  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 85 Resp: 57318  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.9 50.7

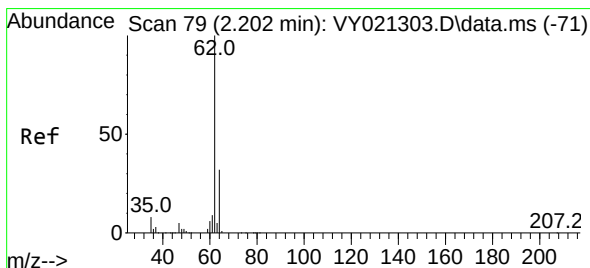
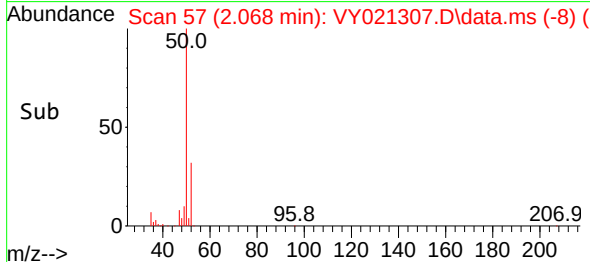
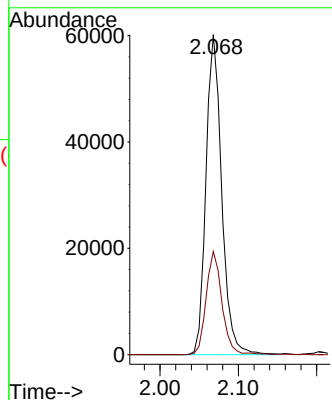
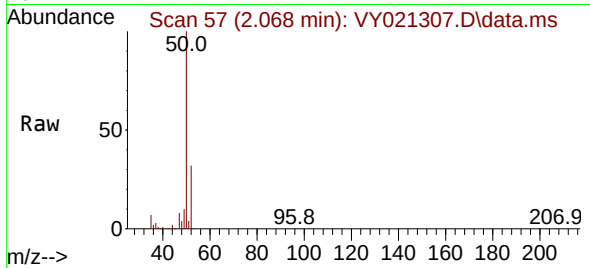




#3  
Chloromethane  
Concen: 52.182 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

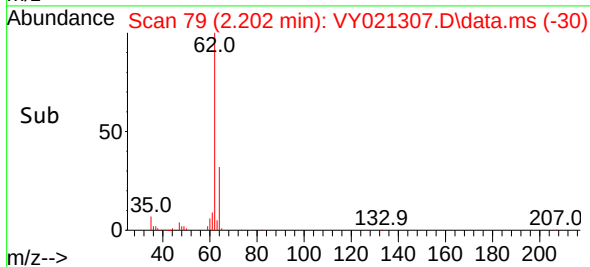
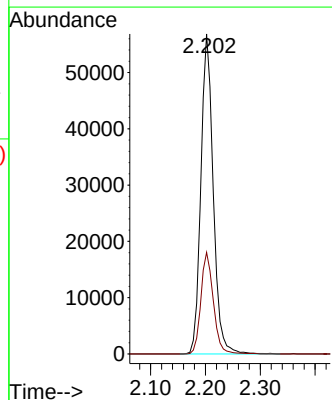
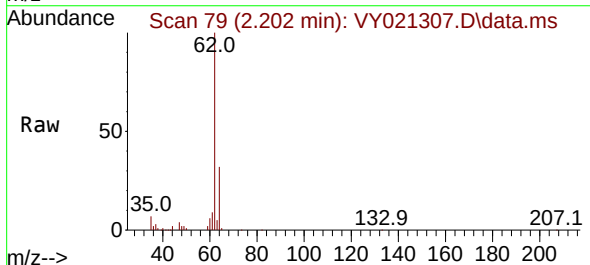
Instrument :  
MSVOA\_Y  
ClientSampleId :

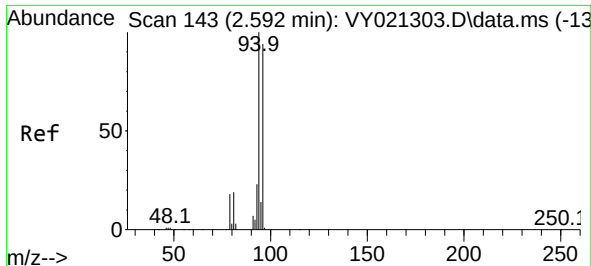
Tgt Ion: 50 Resp: 83849  
Ion Ratio Lower Upper  
50 100  
52 32.3 26.6 40.0



#4  
Vinyl Chloride  
Concen: 69.291 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 62 Resp: 89191  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.4 38.0

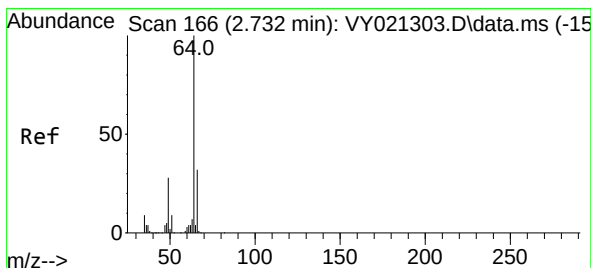
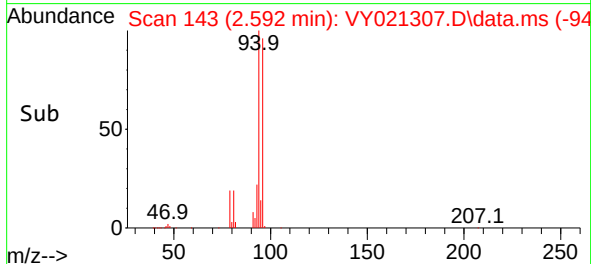
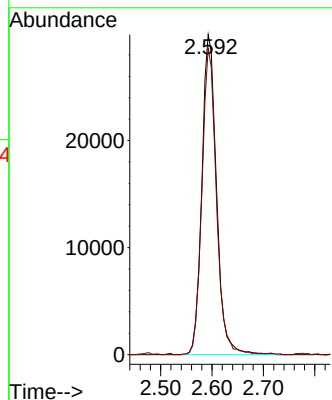
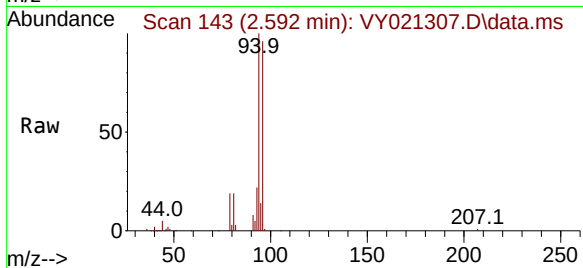




#5  
Bromomethane  
Concen: 67.299 ug/l  
RT: 2.592 min Scan# 143  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

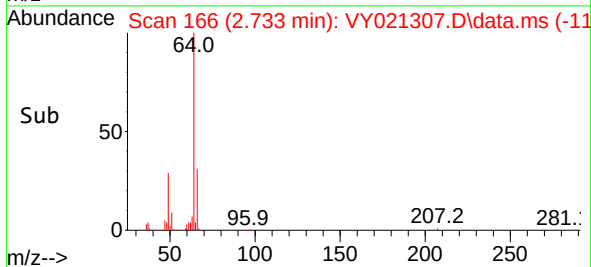
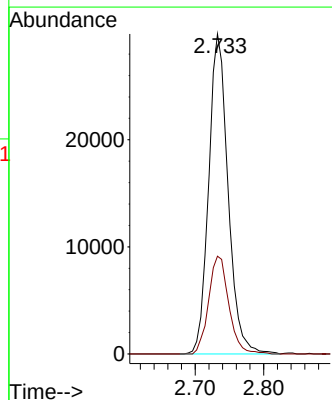
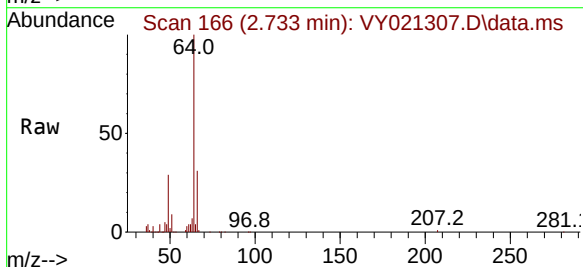
Instrument :  
MSVOA\_Y  
ClientSampleId :

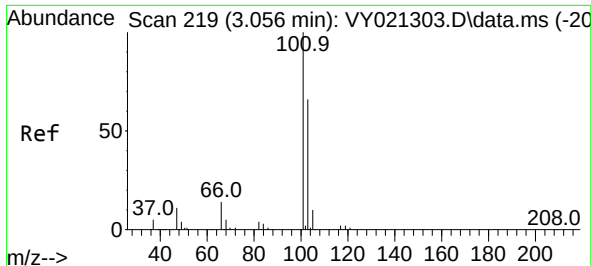
Tgt Ion: 94 Resp: 59078  
Ion Ratio Lower Upper  
94 100  
96 95.7 75.2 112.8



#6  
Chloroethane  
Concen: 66.927 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. 0.001 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 64 Resp: 58759  
Ion Ratio Lower Upper  
64 100  
66 30.5 25.8 38.6

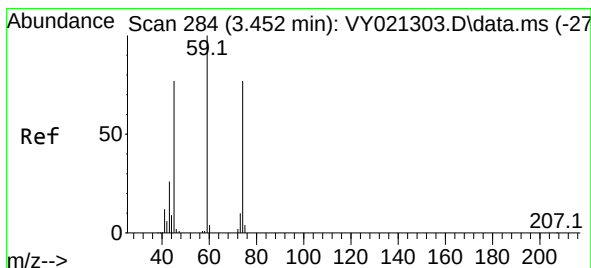
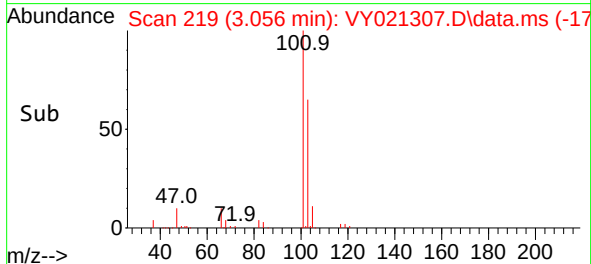
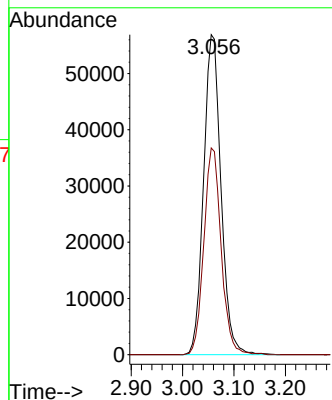
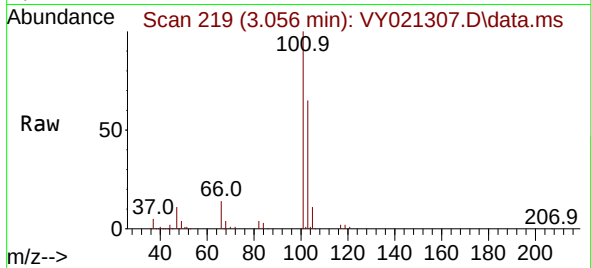




#7  
 Trichlorofluoromethane  
 Concen: 62.384 ug/l  
 RT: 3.056 min Scan# 219  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

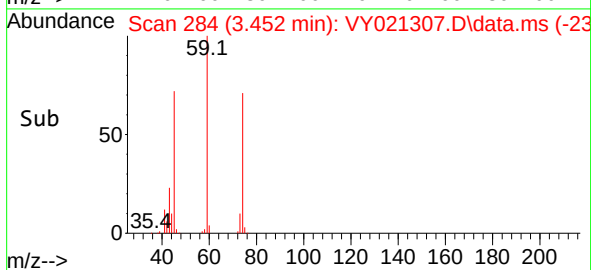
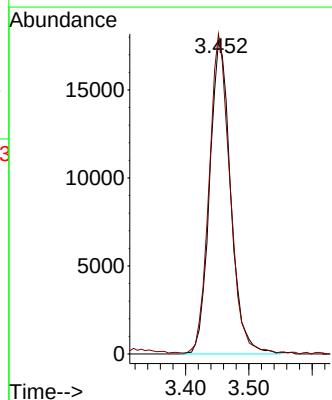
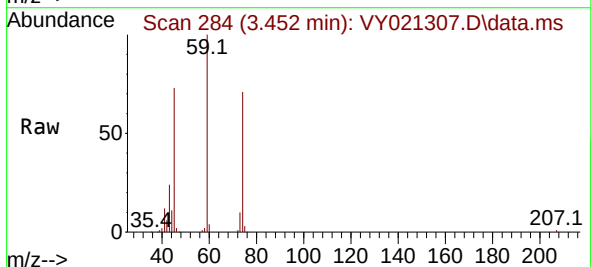
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 133701  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 52.5 78.7

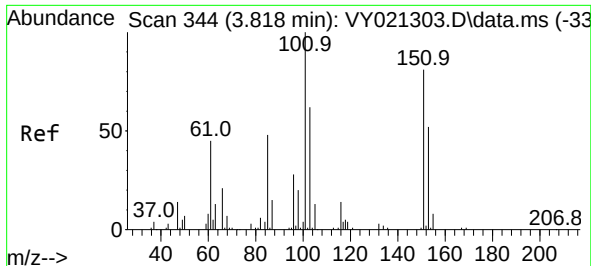


#8  
 Diethyl Ether  
 Concen: 61.939 ug/l  
 RT: 3.452 min Scan# 284  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

Tgt Ion: 74 Resp: 41038  
 Ion Ratio Lower Upper  
 74 100  
 45 101.0 50.9 152.8



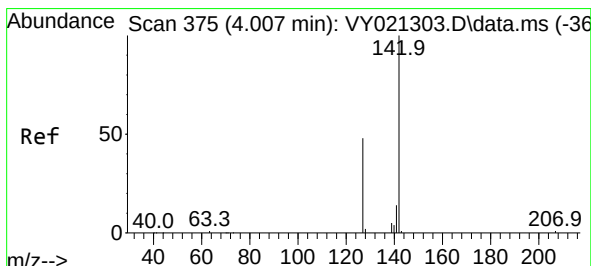
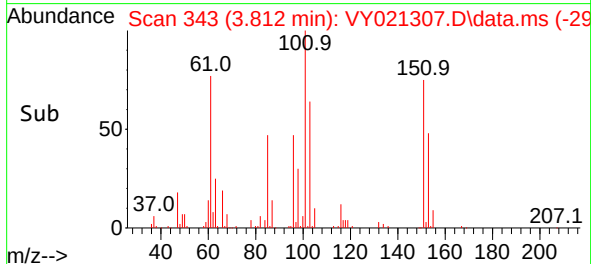
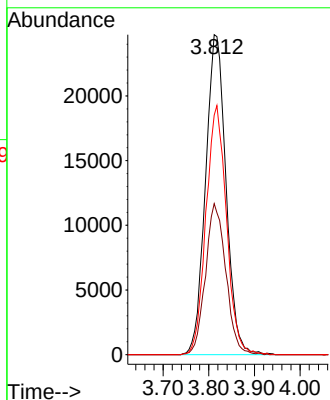
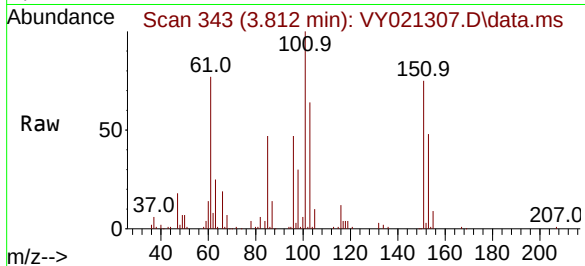




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 59.737 ug/l  
RT: 3.812 min Scan# 344  
Delta R.T. -0.006 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

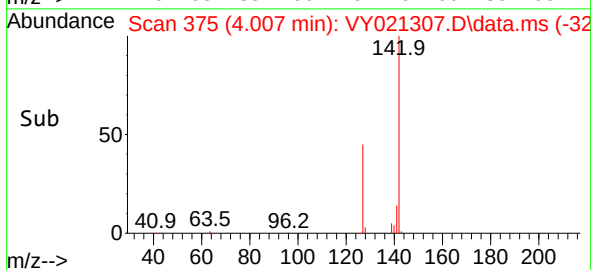
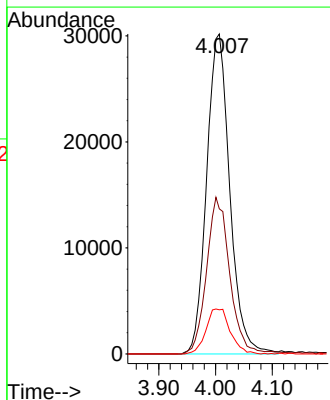
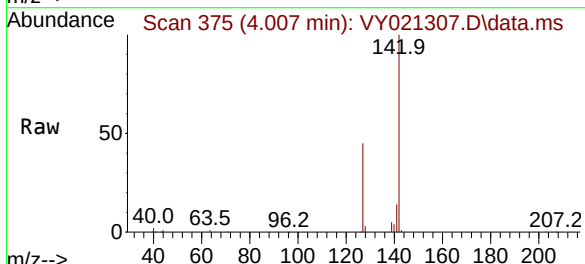
Instrument :  
MSVOA\_Y  
ClientSampleId :

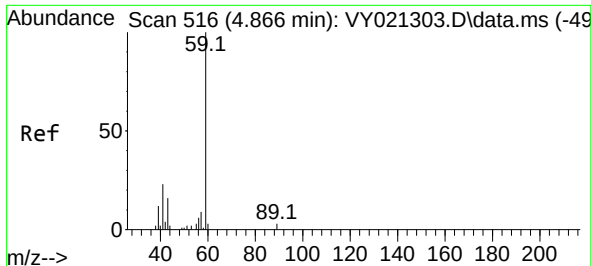
Tgt Ion:101 Resp: 77027  
Ion Ratio Lower Upper  
101 100  
85 47.0 38.6 57.8  
151 77.8 63.0 94.6



#10  
Methyl Iodide  
Concen: 70.566 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion:142 Resp: 85619  
Ion Ratio Lower Upper  
142 100  
127 49.3 39.9 59.9  
141 14.7 11.8 17.6

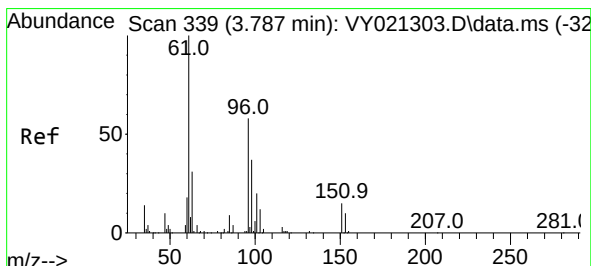
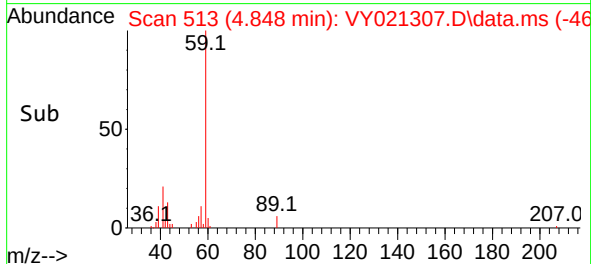
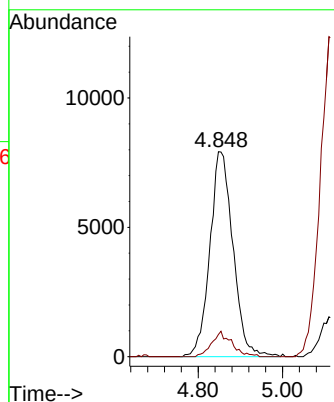
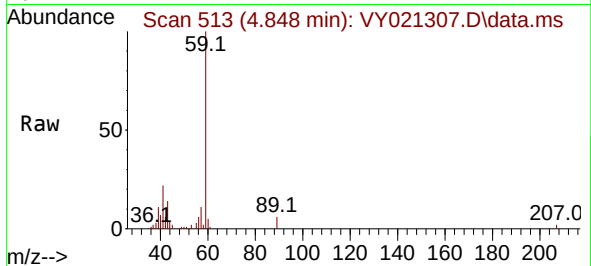




#11  
Tert butyl alcohol  
Concen: 232.232 ug/l  
RT: 4.848 min Scan# 516  
Delta R.T. -0.018 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

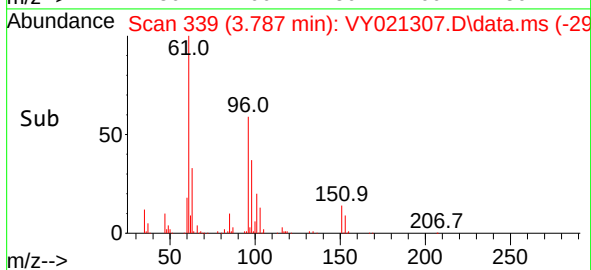
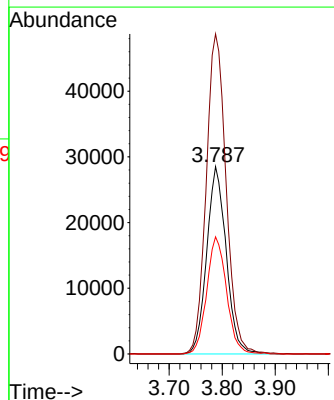
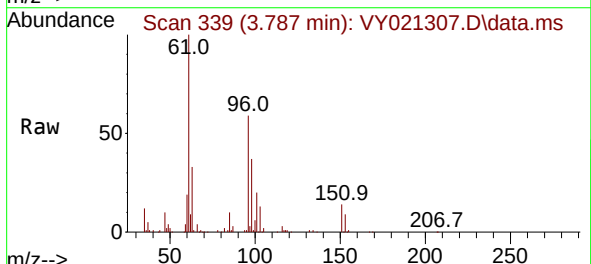
Instrument :  
MSVOA\_Y  
ClientSampleId :

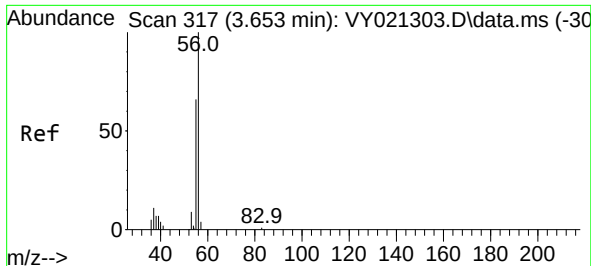
Tgt Ion: 59 Resp: 30177  
Ion Ratio Lower Upper  
59 100  
57 10.7 9.0 13.4



#12  
1,1-Dichloroethene  
Concen: 66.671 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 96 Resp: 72872  
Ion Ratio Lower Upper  
96 100  
61 170.8 137.8 206.6  
98 62.5 50.8 76.2





#13

Acrolein

Concen: 213.039 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

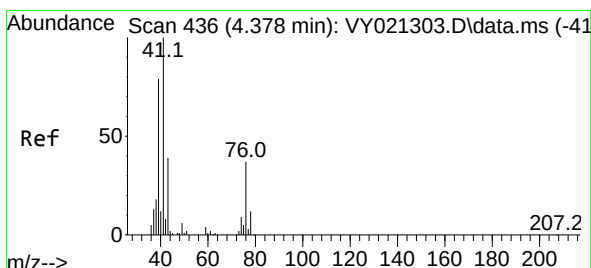
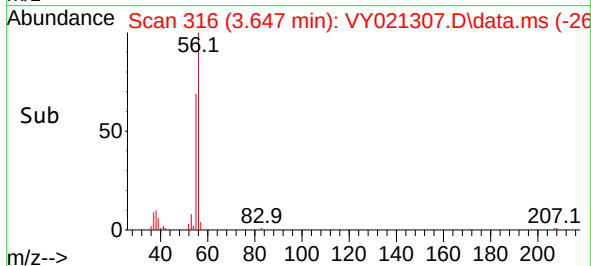
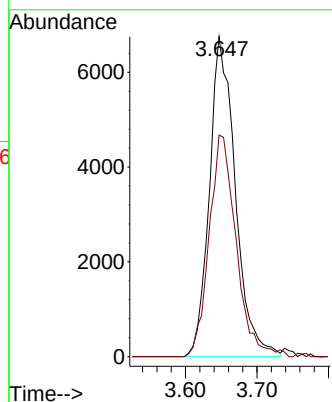
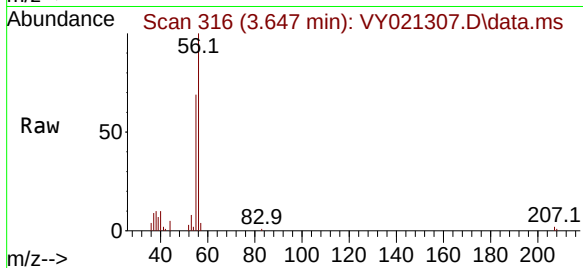
ClientSampleId :

Tgt Ion: 56 Resp: 16964

Ion Ratio Lower Upper

56 100

55 72.2 54.8 82.2



#14

Allyl chloride

Concen: 65.900 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

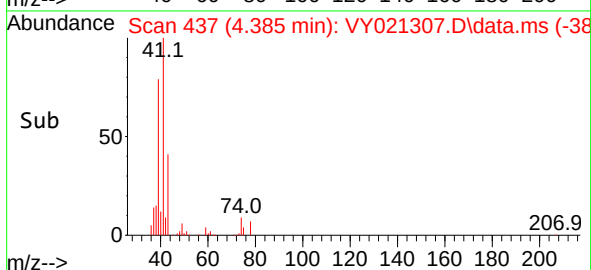
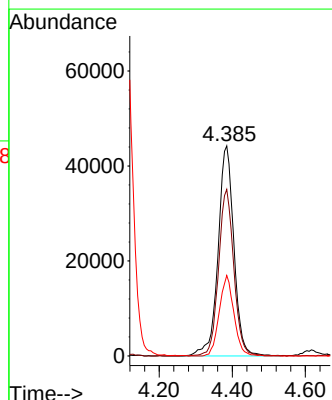
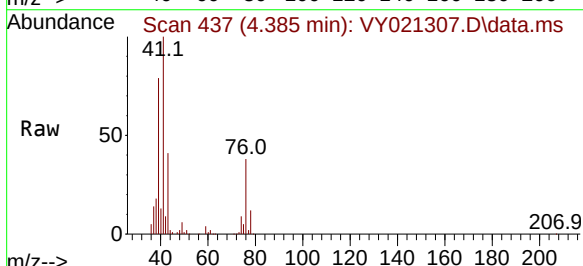
Tgt Ion: 41 Resp: 133237

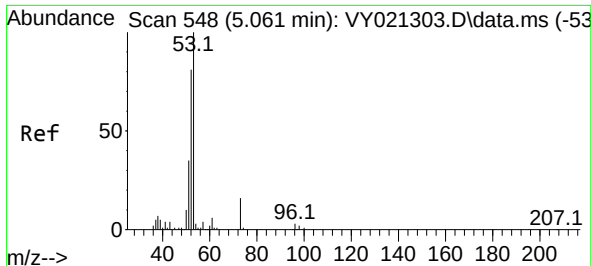
Ion Ratio Lower Upper

41 100

39 76.7 62.5 93.7

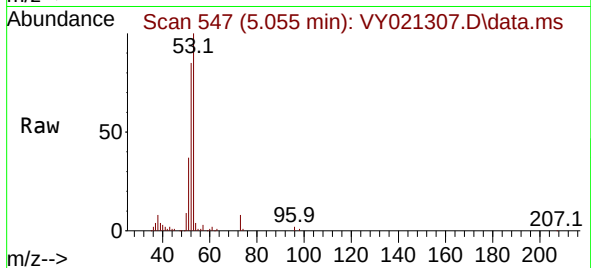
76 35.4 28.6 42.8



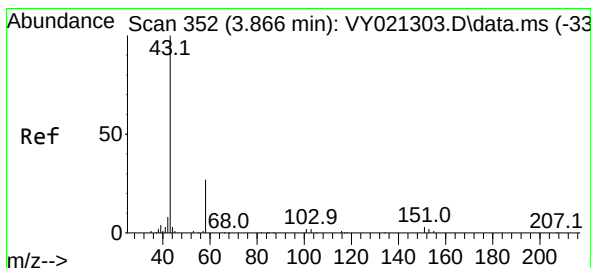
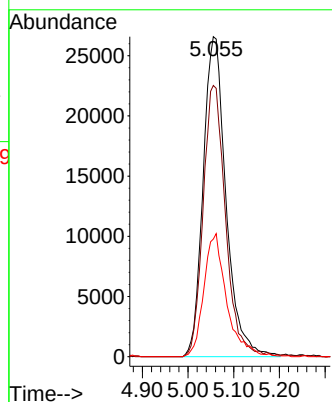
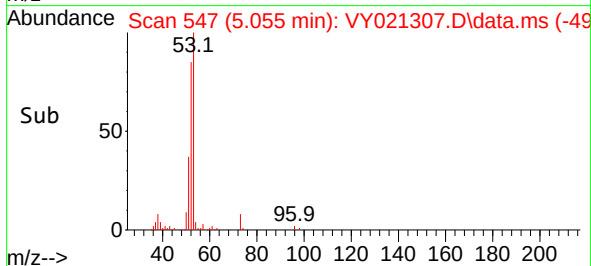


#15  
Acrylonitrile  
Concen: 292.386 ug/l  
RT: 5.055 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

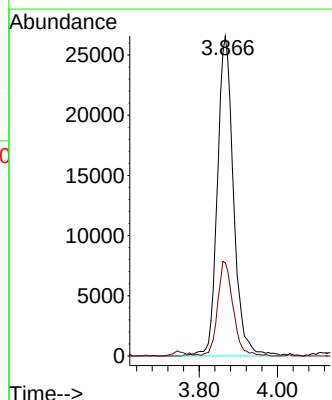
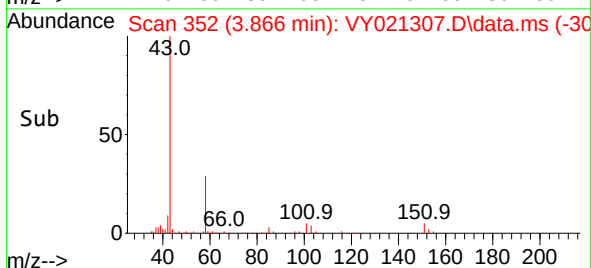
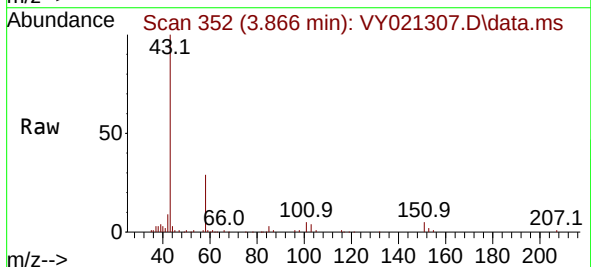


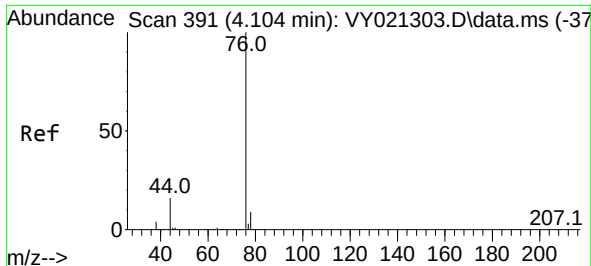
Tgt Ion: 53 Resp: 92507  
Ion Ratio Lower Upper  
53 100  
52 83.0 65.5 98.3  
51 38.4 30.4 45.6



#16  
Acetone  
Concen: 262.113 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 43 Resp: 75884  
Ion Ratio Lower Upper  
43 100  
58 29.2 22.3 33.5

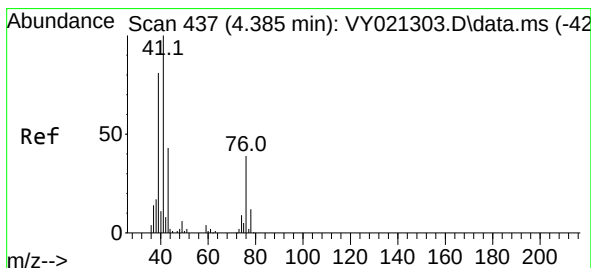
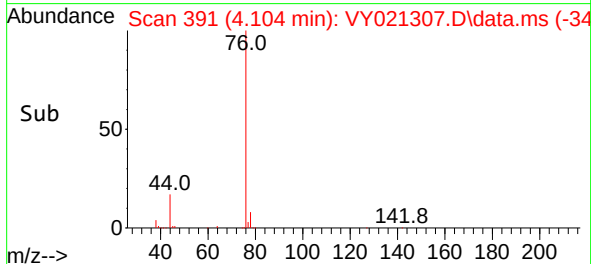
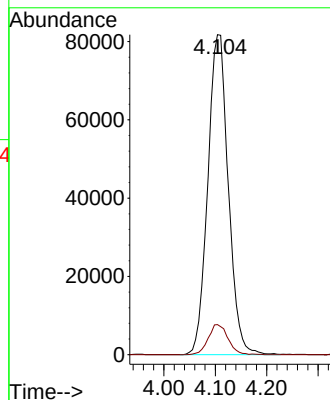
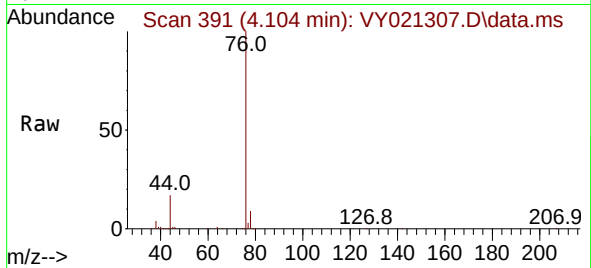




#17  
Carbon Disulfide  
Concen: 88.703 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

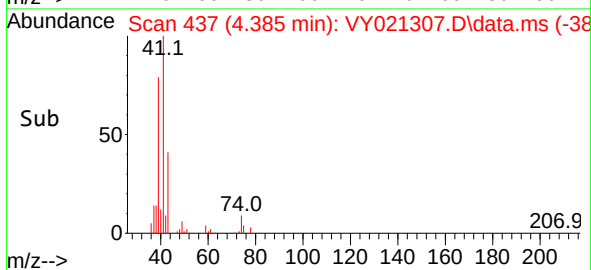
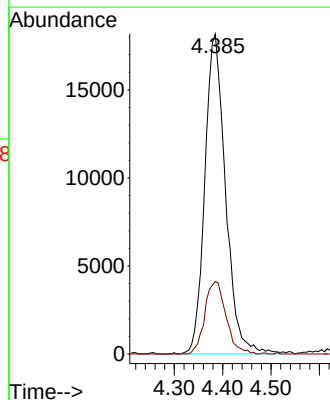
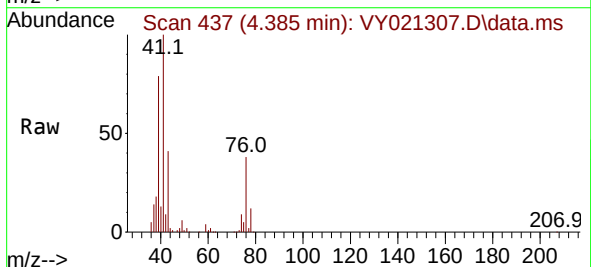
Instrument :  
MSVOA\_Y  
ClientSampleId :

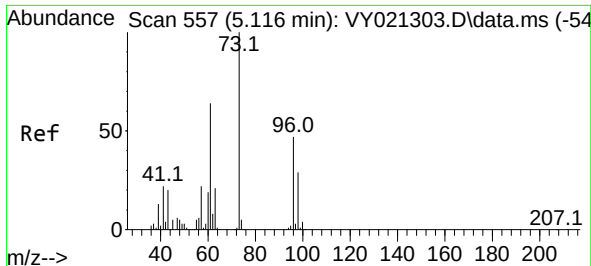
Tgt Ion: 76 Resp: 226740  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 62.066 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 43 Resp: 54093  
Ion Ratio Lower Upper  
43 100  
74 23.1 18.3 27.5

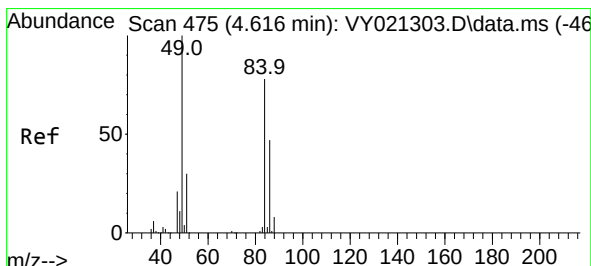
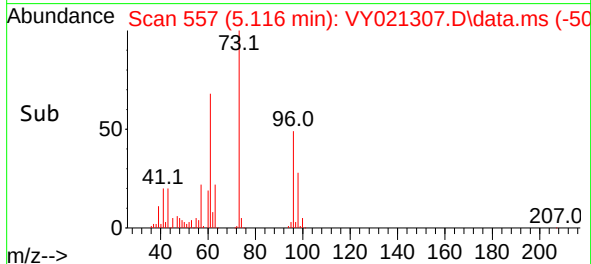
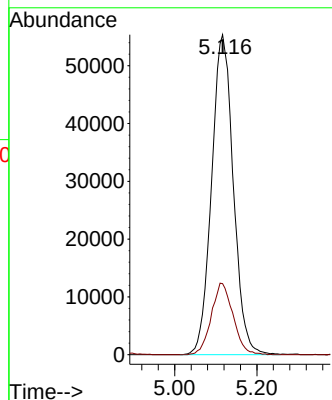
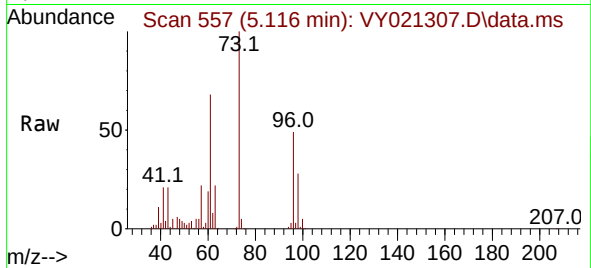




#19  
Methyl tert-butyl Ether  
Concen: 58.683 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

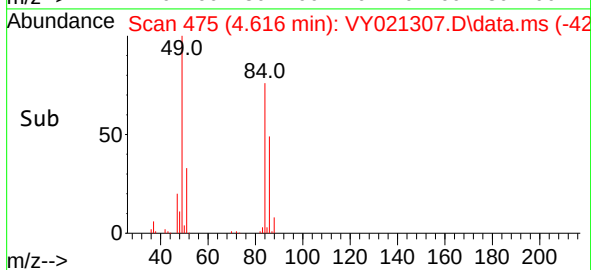
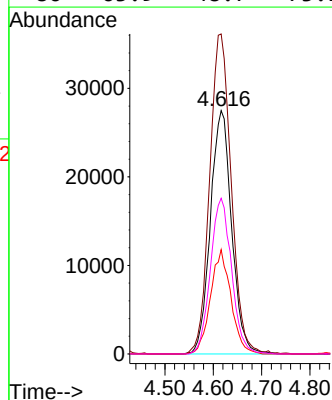
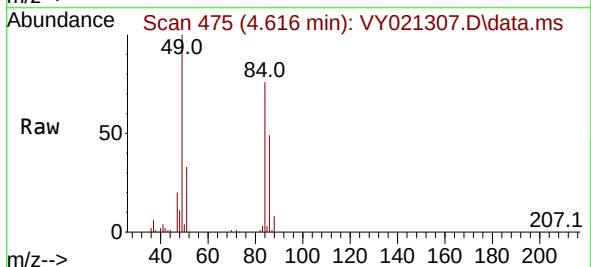
Instrument :  
MSVOA\_Y  
ClientSampleId :

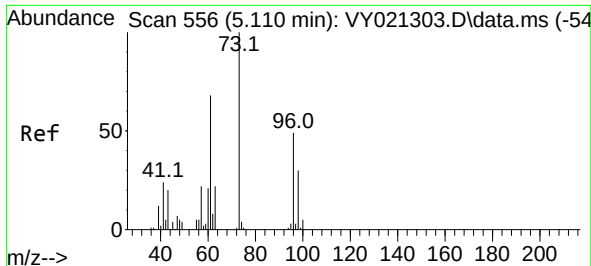
Tgt Ion: 73 Resp: 203306  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.4 26.0



#20  
Methylene Chloride  
Concen: 59.460 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

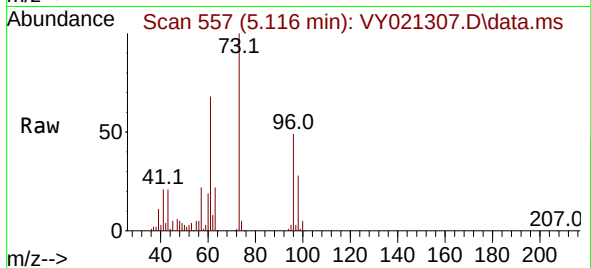
Tgt Ion: 84 Resp: 84049  
Ion Ratio Lower Upper  
84 100  
49 131.5 102.6 154.0  
51 42.8 31.0 46.6  
86 63.9 48.7 73.1



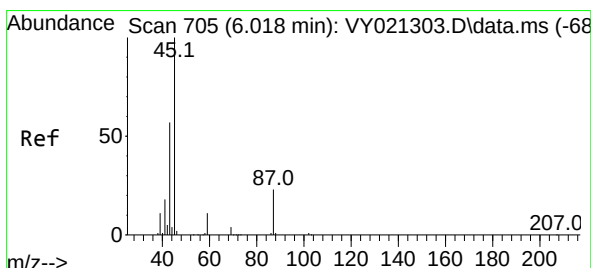
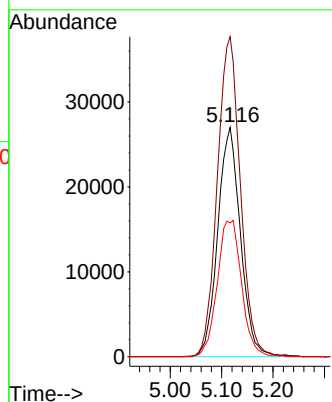
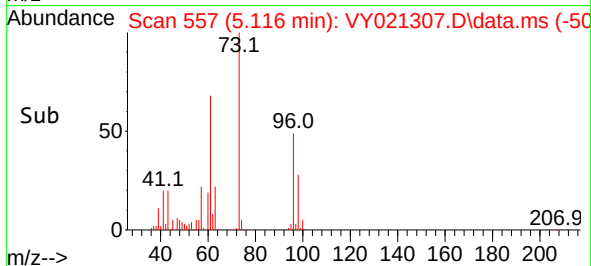


#21  
trans-1,2-Dichloroethene  
Concen: 69.206 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

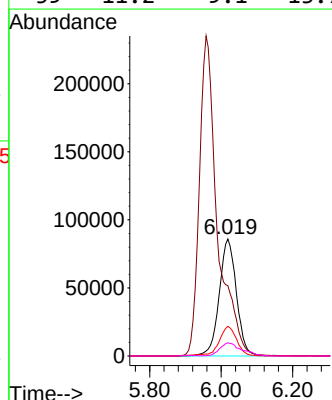
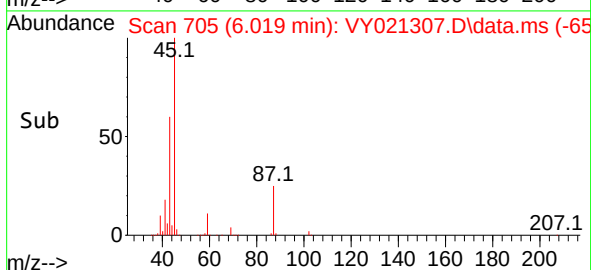
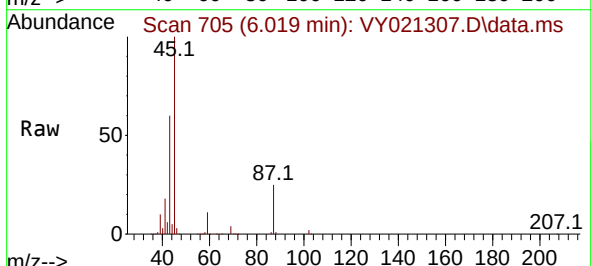


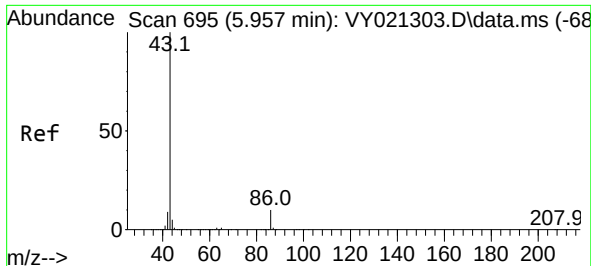
Tgt Ion: 96 Resp: 82815  
Ion Ratio Lower Upper  
96 100  
61 139.5 111.7 167.5  
98 58.3 49.3 73.9



#22  
Diisopropyl ether  
Concen: 60.083 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 45 Resp: 286766  
Ion Ratio Lower Upper  
45 100  
43 60.0 46.4 69.6  
87 25.3 19.2 28.8  
59 11.2 9.1 13.7

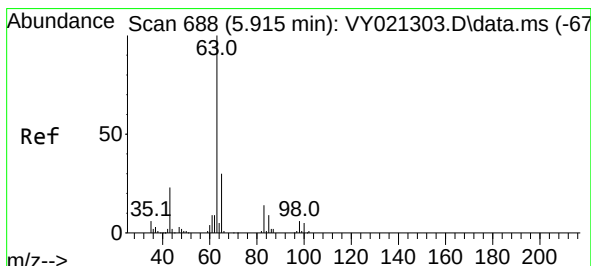
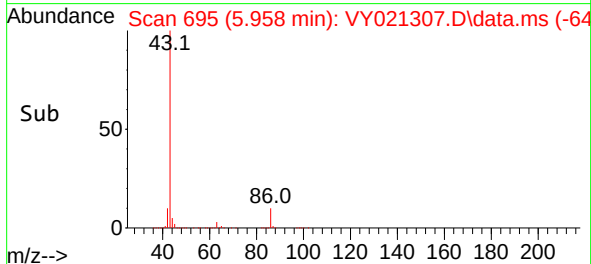
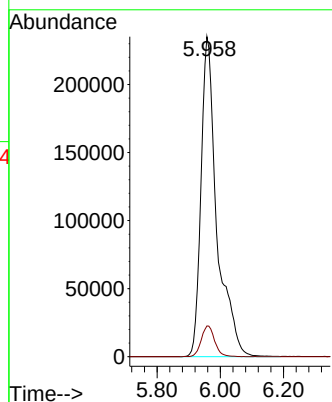
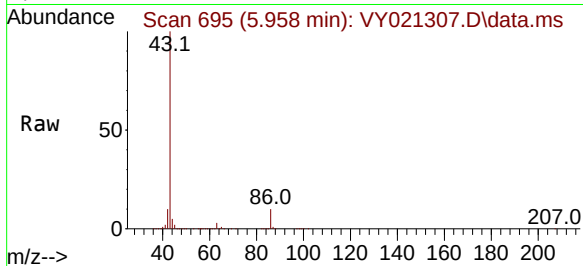




#23  
 Vinyl Acetate  
 Concen: 308.871 ug/l  
 RT: 5.958 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

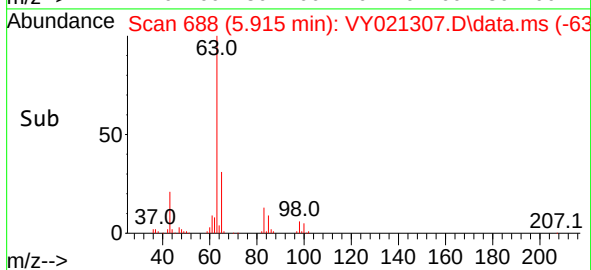
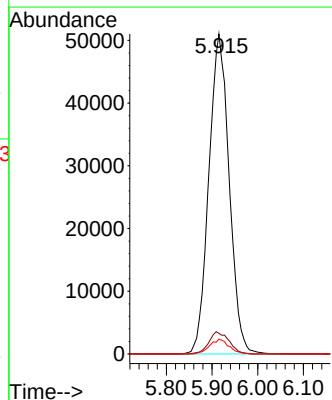
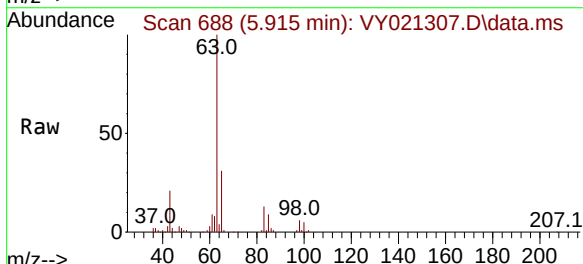
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 822207  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.6 11.4

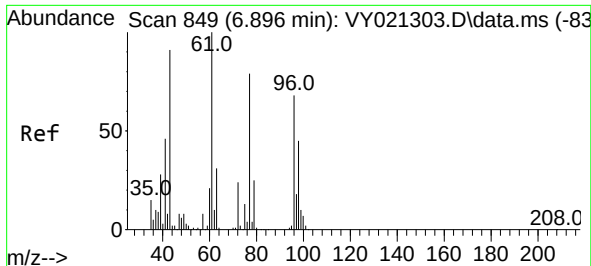


#24  
 1,1-Dichloroethane  
 Concen: 60.569 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

Tgt Ion: 63 Resp: 157828  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.0 9.2  
 100 4.7 2.3 6.9



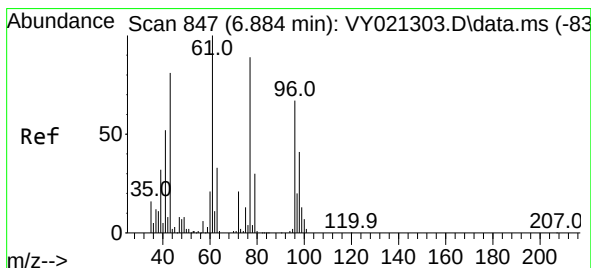
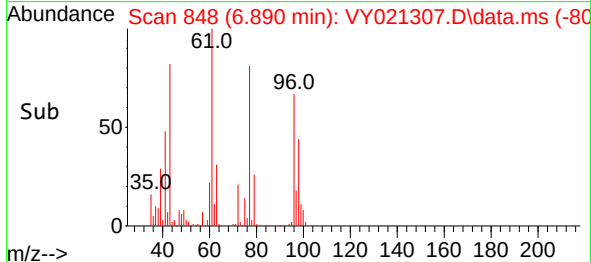
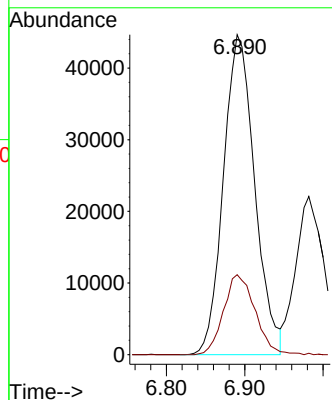
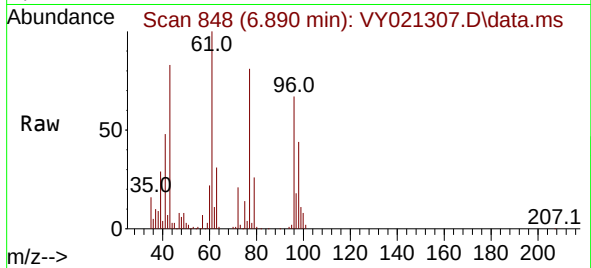




#25  
2-Butanone  
Concen: 279.159 ug/l  
RT: 6.890 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

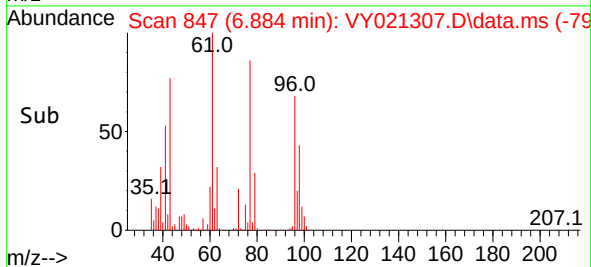
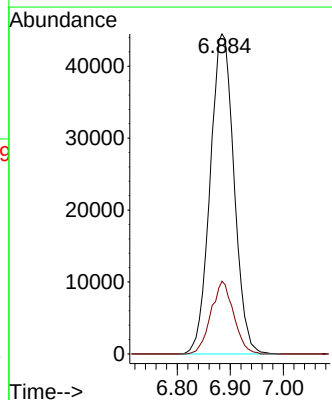
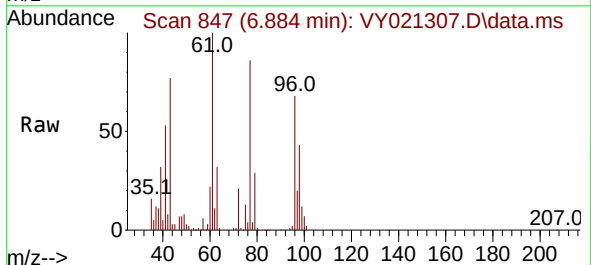
Instrument :  
MSVOA\_Y  
ClientSampleId :

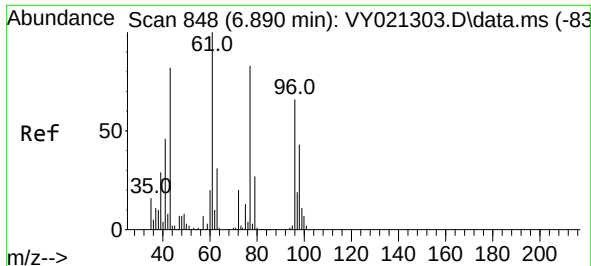
Tgt Ion: 43 Resp: 123964  
Ion Ratio Lower Upper  
43 100  
72 25.0 20.9 31.3



#26  
2,2-Dichloropropane  
Concen: 57.105 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 77 Resp: 138969  
Ion Ratio Lower Upper  
77 100  
97 21.6 10.9 32.7

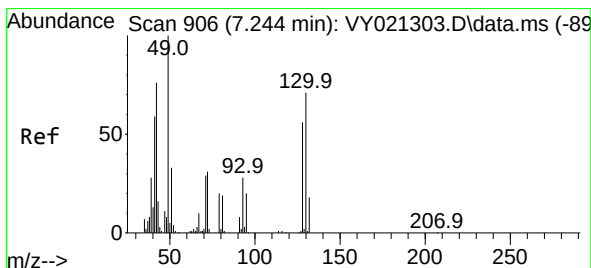
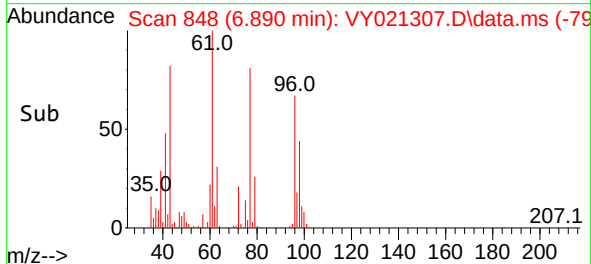
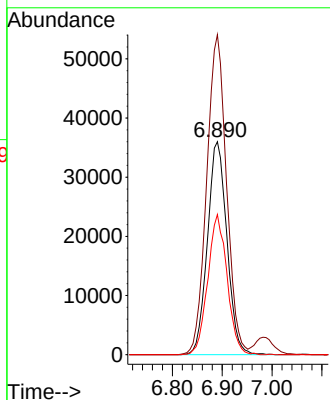
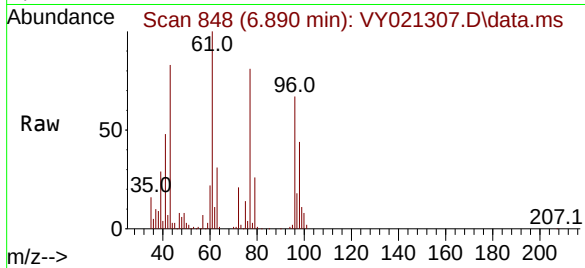




#27  
 cis-1,2-Dichloroethene  
 Concen: 62.467 ug/l  
 RT: 6.890 min Scan# 848  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

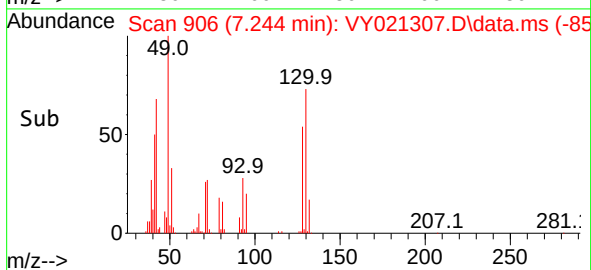
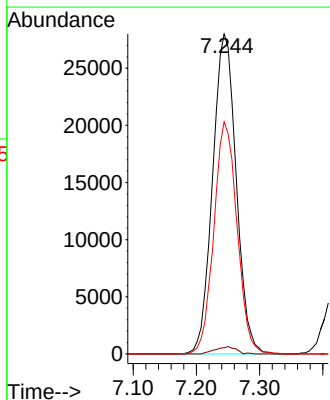
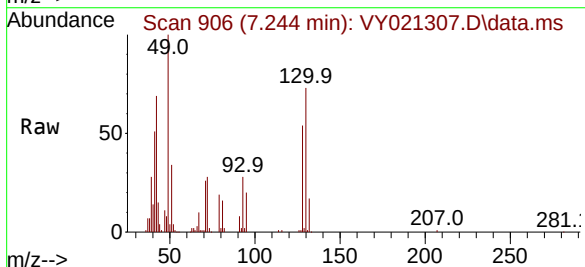
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

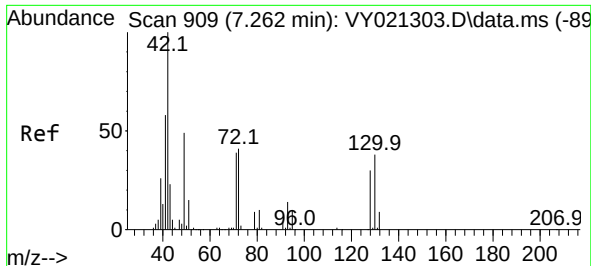
Tgt Ion: 96 Resp: 97605  
 Ion Ratio Lower Upper  
 96 100  
 61 153.0 0.0 303.6  
 98 65.5 0.0 128.0



#28  
 Bromochloromethane  
 Concen: 61.585 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

Tgt Ion: 49 Resp: 72511  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.2  
 130 71.2 56.8 85.2





#29

Tetrahydrofuran

Concen: 301.404 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

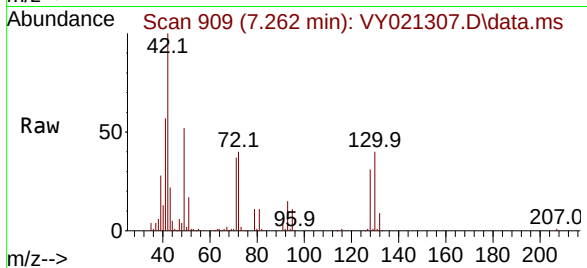
Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

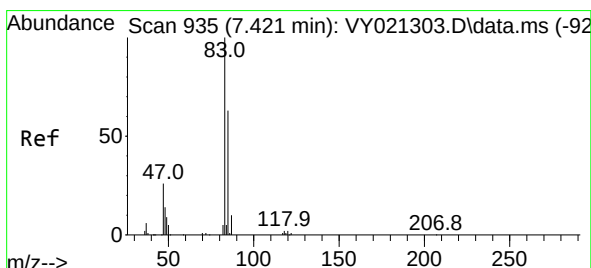
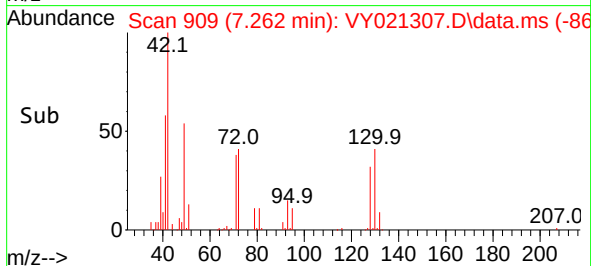
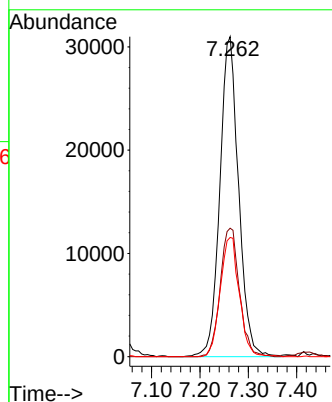
Instrument :

MSVOA\_Y

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 83418 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 41.0  | 32.6  | 48.8  |
| 71        | 37.9  | 29.9  | 44.9  |



#30

Chloroform

Concen: 59.302 ug/l

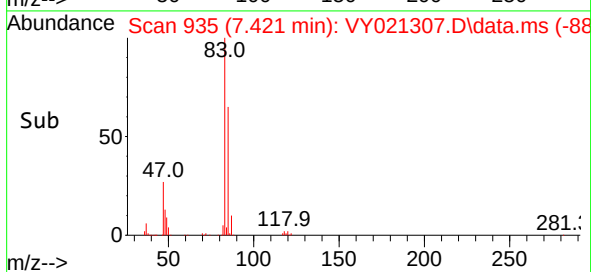
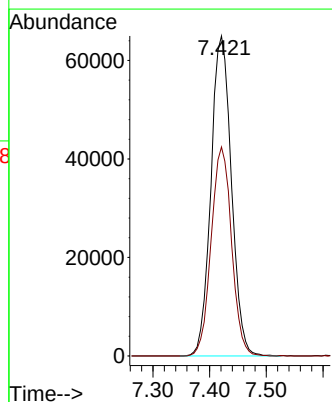
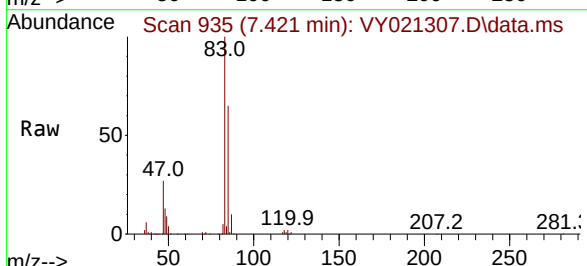
RT: 7.421 min Scan# 935

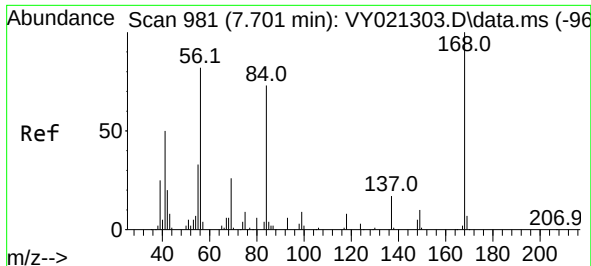
Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

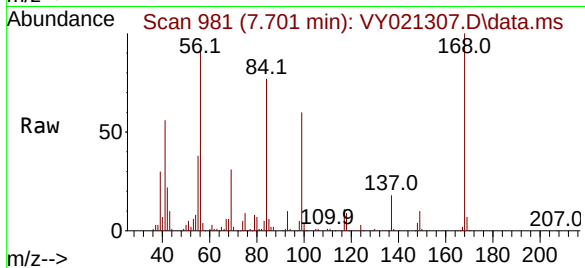
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 162796 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.3  | 50.1  | 75.1   |



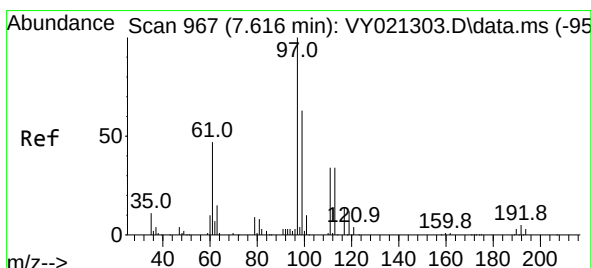
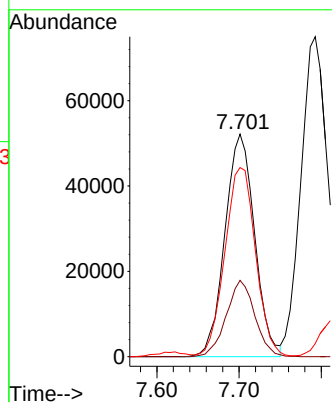
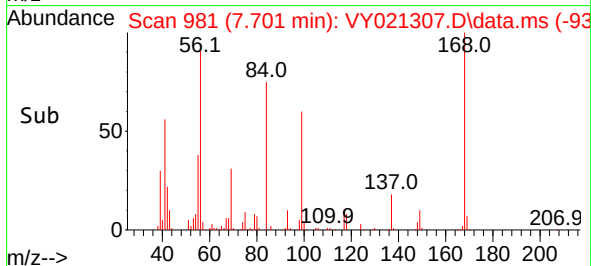


#31  
Cyclohexane  
Concen: 65.250 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

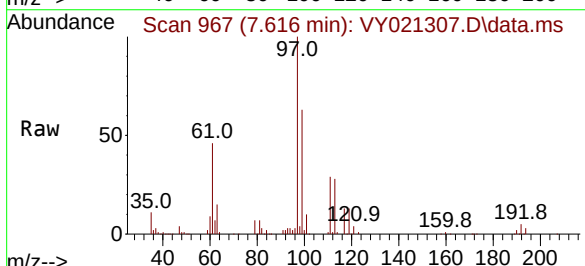
Instrument :  
MSVOA\_Y  
ClientSampleId :



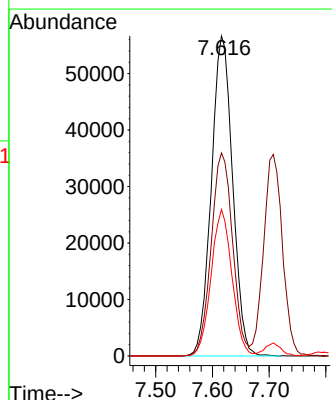
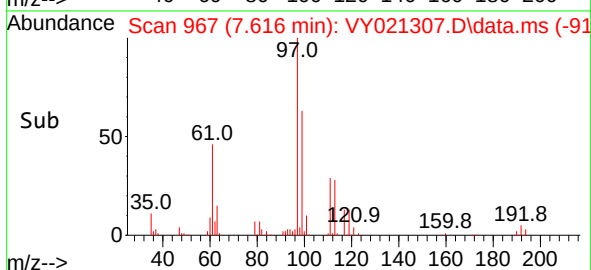
Tgt Ion: 56 Resp: 131130  
Ion Ratio Lower Upper  
56 100  
69 34.3 25.8 38.6  
84 83.6 71.4 107.0

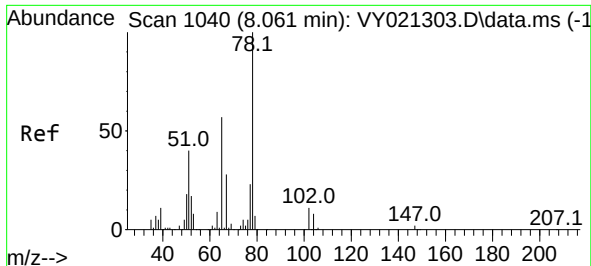


#32  
1,1,1-Trichloroethane  
Concen: 60.207 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46



Tgt Ion: 97 Resp: 147525  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.3 75.5  
61 45.0 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 54.547 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

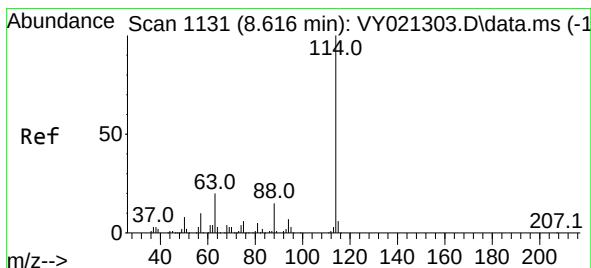
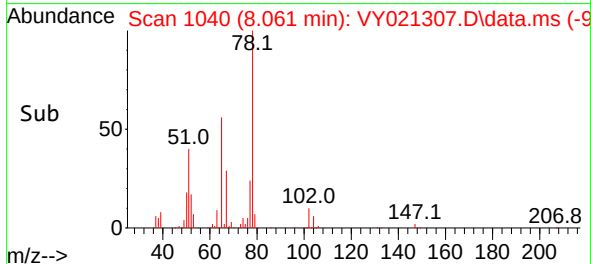
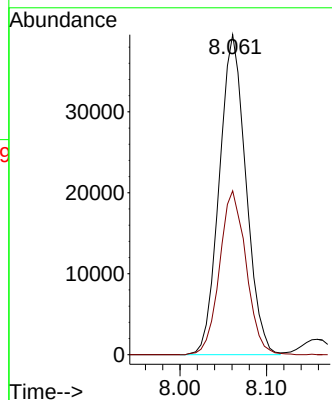
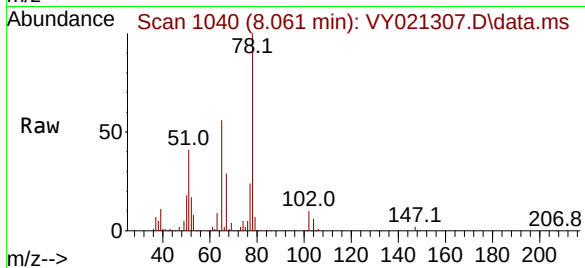
ClientSampleId :

Tgt Ion: 65 Resp: 84372

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

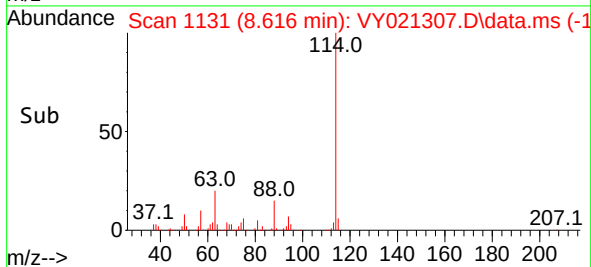
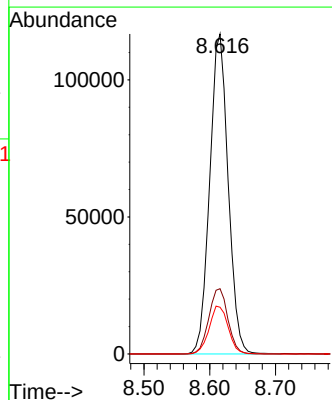
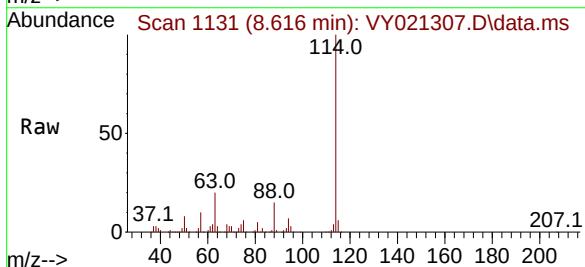
Tgt Ion: 114 Resp: 227652

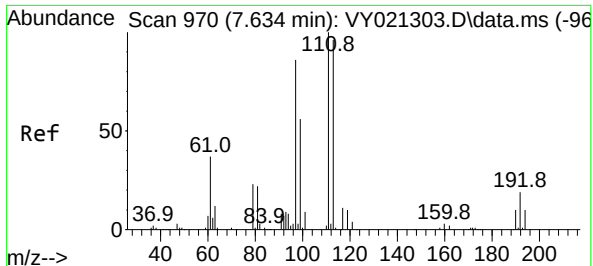
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 14.6 0.0 30.2

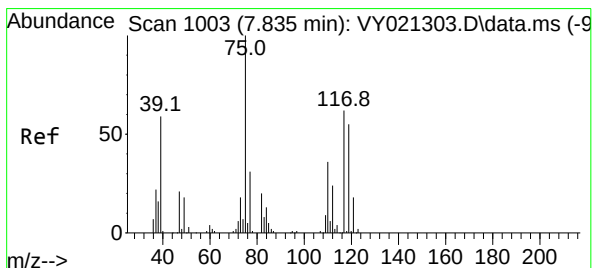
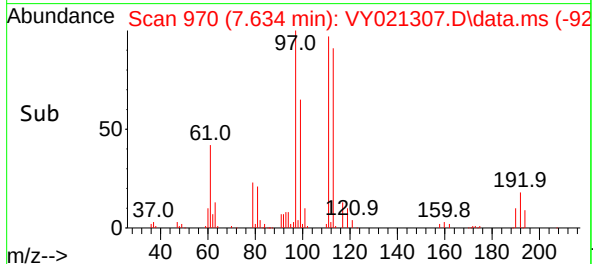
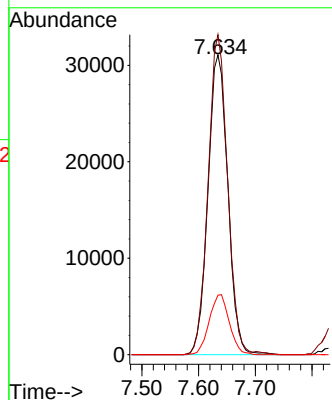
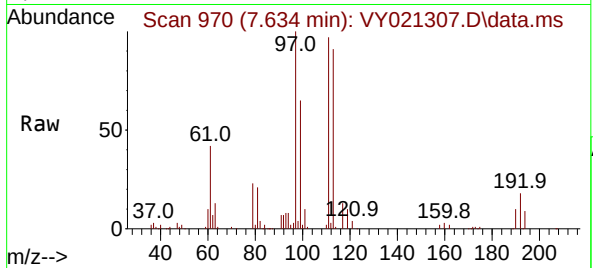




#35  
Dibromofluoromethane  
Concen: 51.963 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

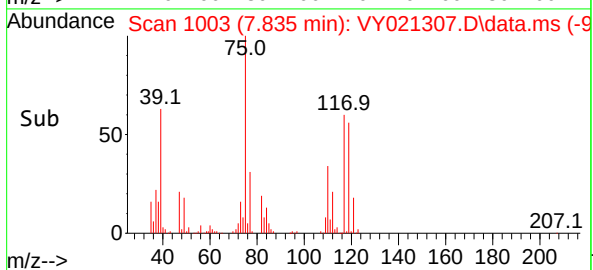
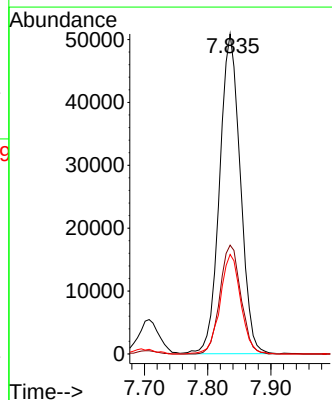
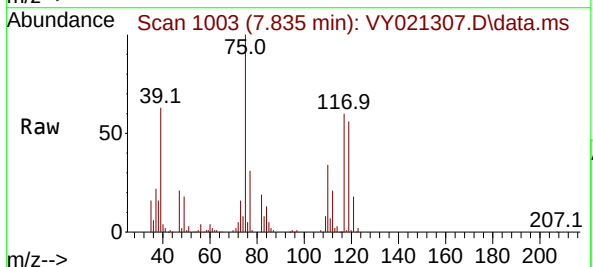
Instrument :  
MSVOA\_Y  
ClientSampleId :

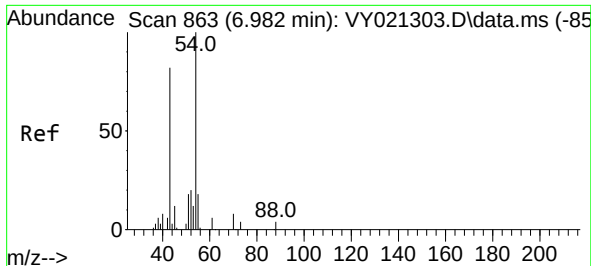
Tgt Ion:113 Resp: 75604  
Ion Ratio Lower Upper  
113 100  
111 104.5 81.1 121.7  
192 20.3 15.8 23.8



#36  
1,1-Dichloropropene  
Concen: 65.494 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 75 Resp: 115238  
Ion Ratio Lower Upper  
75 100  
110 34.4 17.0 50.9  
77 31.1 25.0 37.6





#37

Ethyl Acetate

Concen: 58.561 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

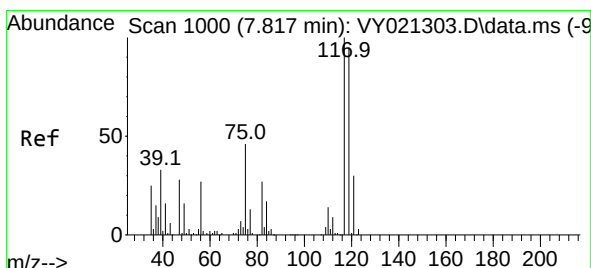
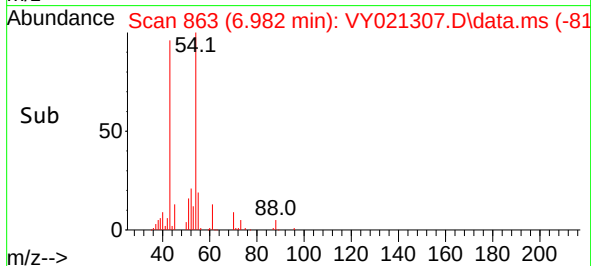
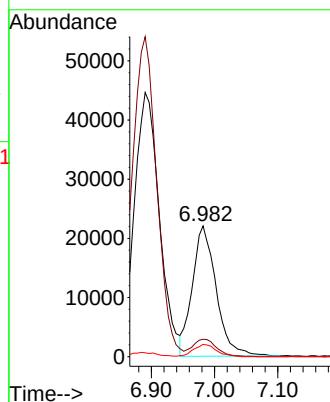
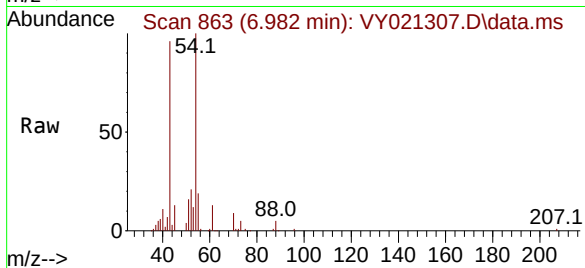
Tgt Ion: 43 Resp: 57894

Ion Ratio Lower Upper

43 100

61 13.7 10.5 15.7

70 9.1 7.4 11.0



#38

Carbon Tetrachloride

Concen: 60.454 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

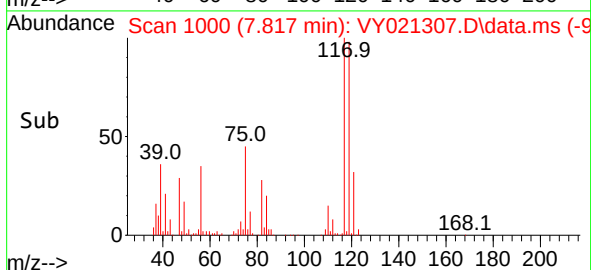
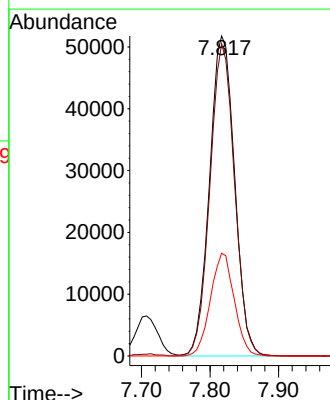
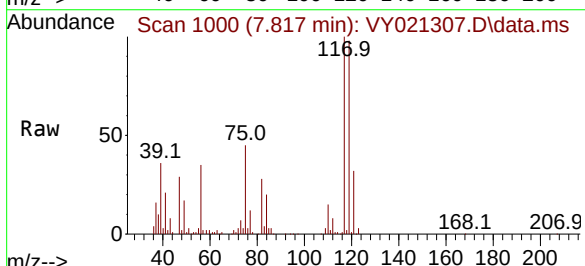
Tgt Ion: 117 Resp: 131550

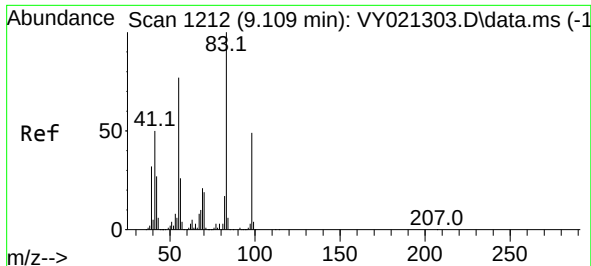
Ion Ratio Lower Upper

117 100

119 97.4 76.0 114.0

121 32.1 23.9 35.9





#39

Methylcyclohexane

Concen: 72.489 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

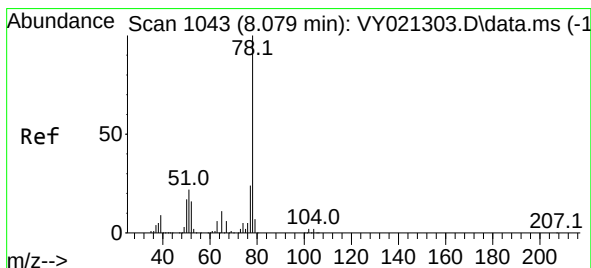
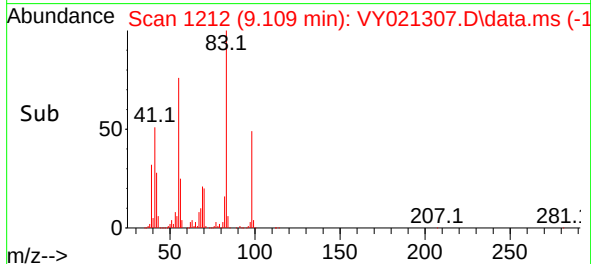
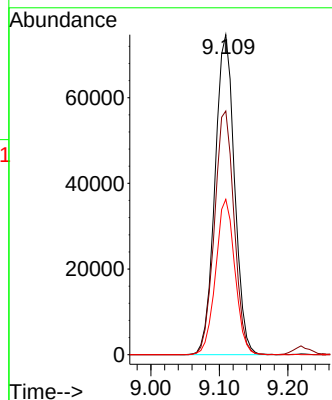
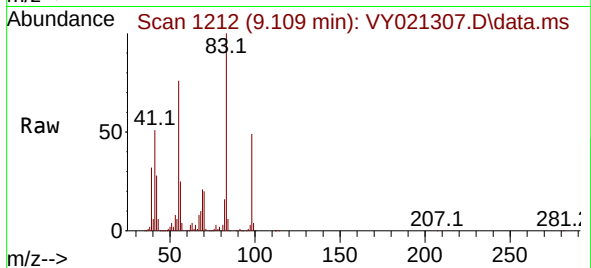
Tgt Ion: 83 Resp: 147602

Ion Ratio Lower Upper

83 100

55 76.2 61.8 92.8

98 48.5 39.2 58.8



#40

Benzene

Concen: 64.034 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021307.D

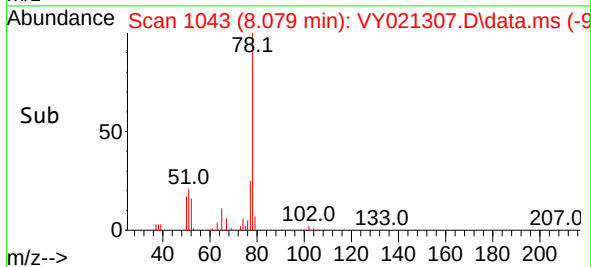
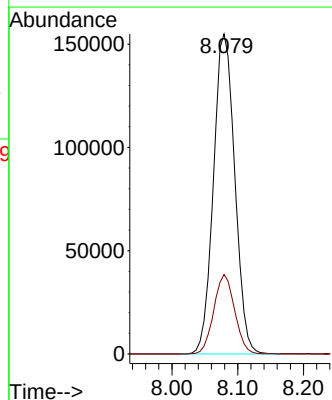
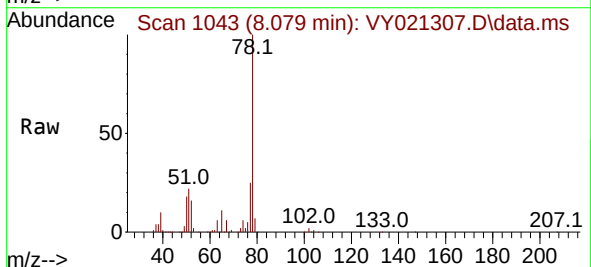
Acq: 24 Feb 2025 17:46

Tgt Ion: 78 Resp: 350044

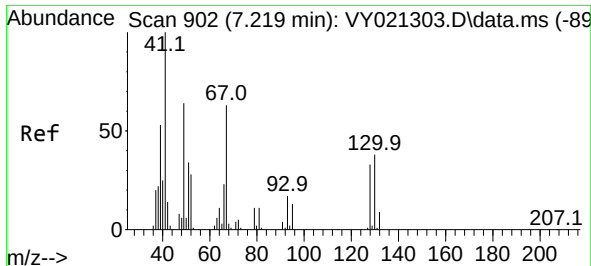
Ion Ratio Lower Upper

78 100

77 24.8 19.3 28.9

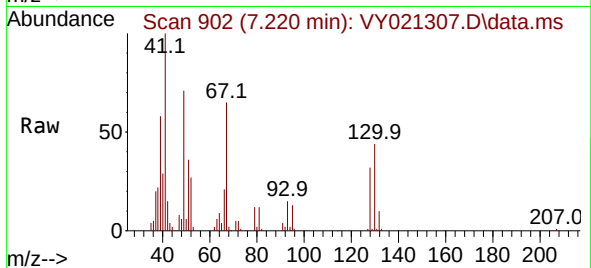




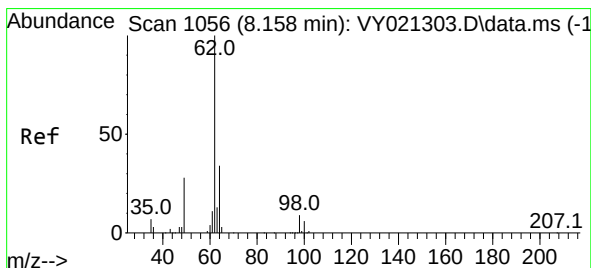
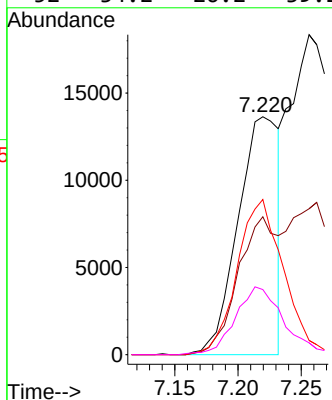
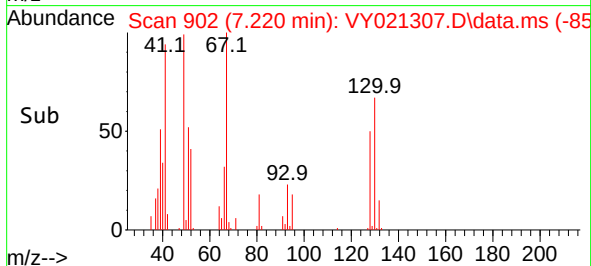


#41  
Methacrylonitrile  
Concen: 58.202 ug/l  
RT: 7.220 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

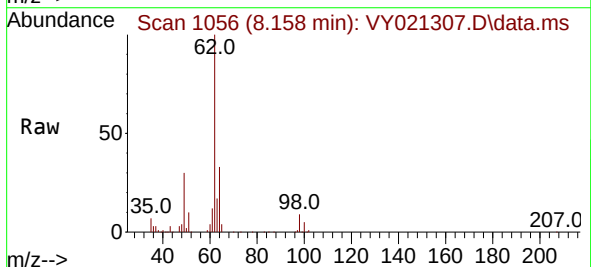
Instrument :  
MSVOA\_Y  
ClientSampleId :



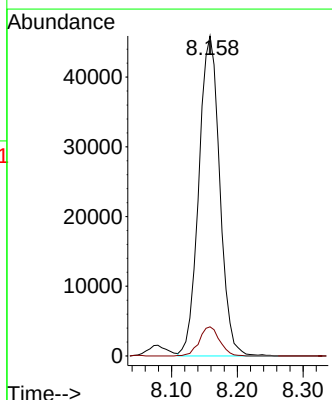
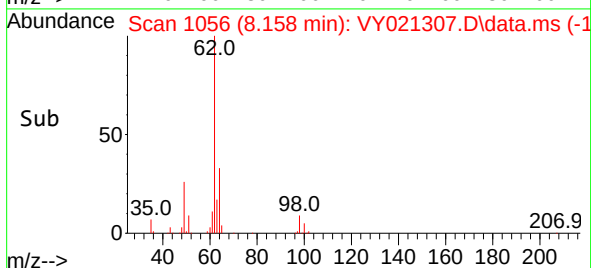
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 30628 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.0     | 50.1 75.1   |
| 67 74.9     | 59.3 88.9   |
| 52 34.2     | 26.2 39.2   |

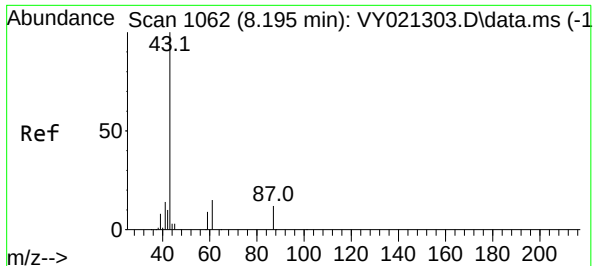


#42  
1,2-Dichloroethane  
Concen: 60.751 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46



|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 101416 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 8.9      | 0.0 18.0     |

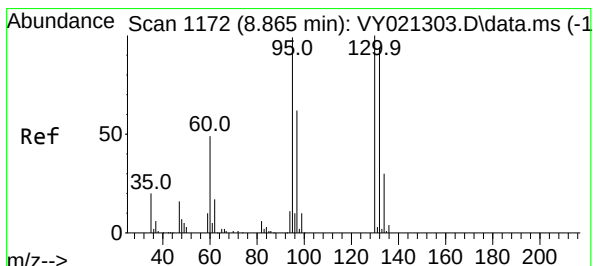
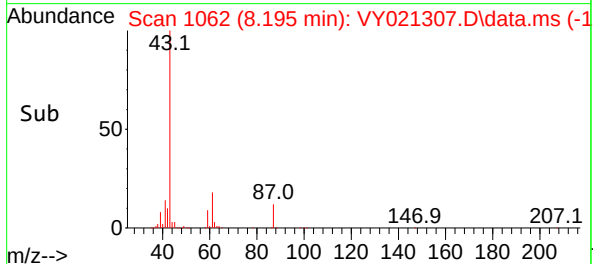
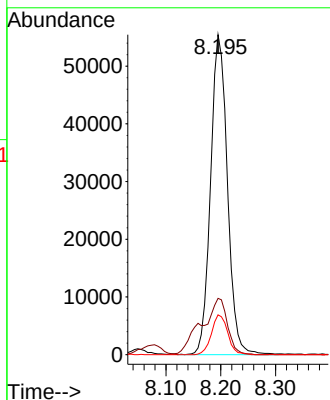
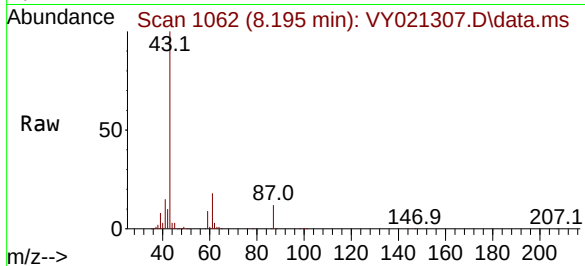




#43  
Isopropyl Acetate  
Concen: 59.398 ug/l  
RT: 8.195 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

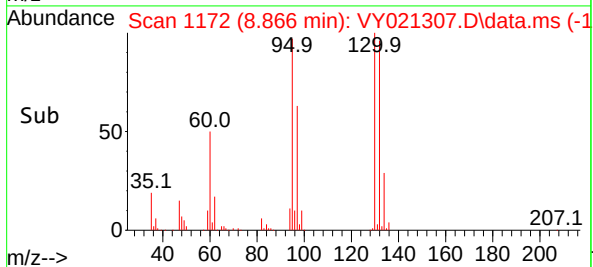
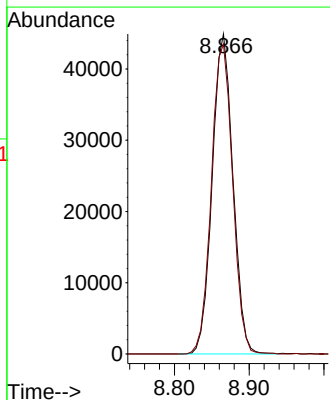
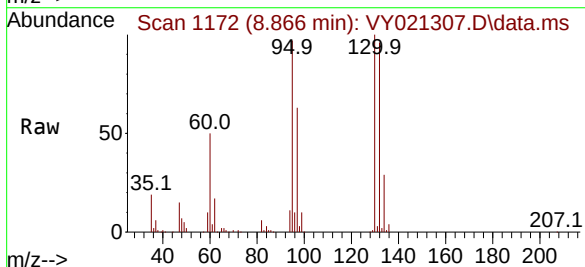
Instrument :  
MSVOA\_Y  
ClientSampleId :

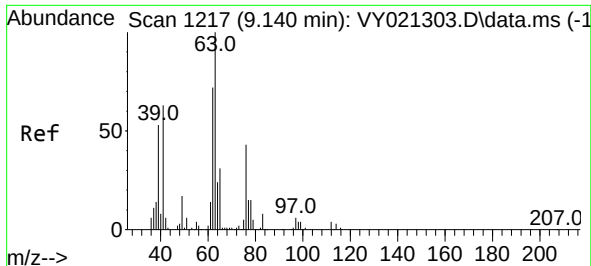
Tgt Ion: 43 Resp: 118257  
Ion Ratio Lower Upper  
43 100  
61 17.9 22.2 33.2#  
87 12.0 9.8 14.8



#44  
Trichloroethene  
Concen: 63.237 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion:130 Resp: 86439  
Ion Ratio Lower Upper  
130 100  
95 96.8 0.0 197.0





#45

1,2-Dichloropropane

Concen: 59.732 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

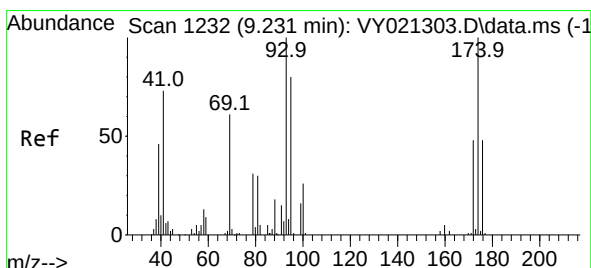
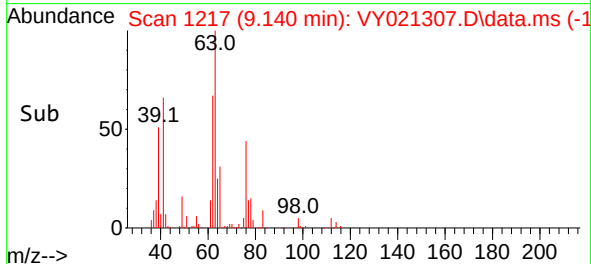
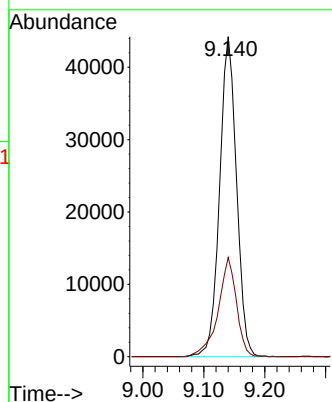
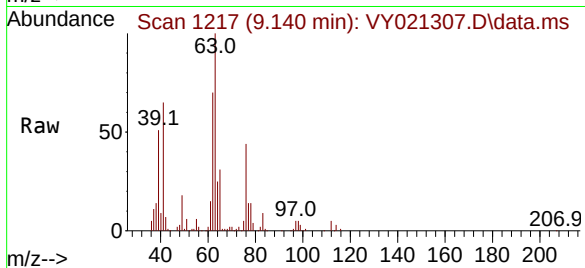
ClientSampleId :

Tgt Ion: 63 Resp: 85121

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 59.507 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

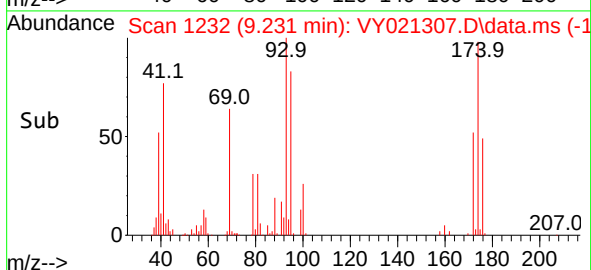
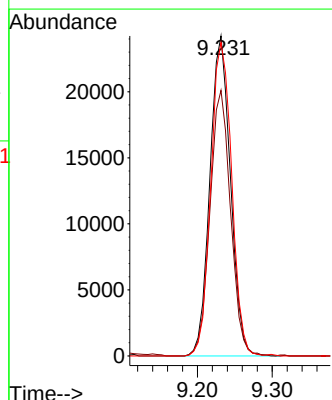
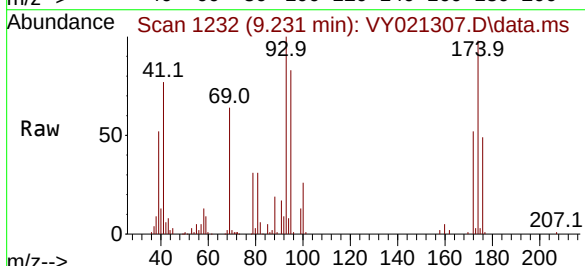
Tgt Ion: 93 Resp: 46393

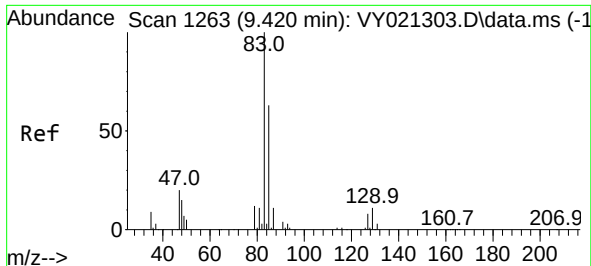
Ion Ratio Lower Upper

93 100

95 83.2 65.7 98.5

174 99.4 77.4 116.2

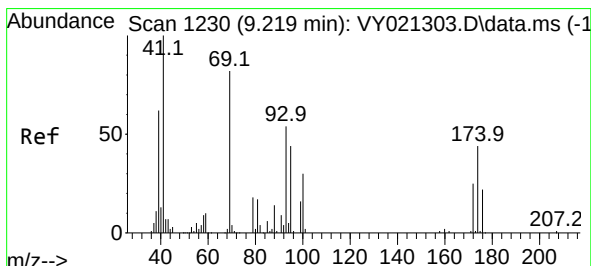
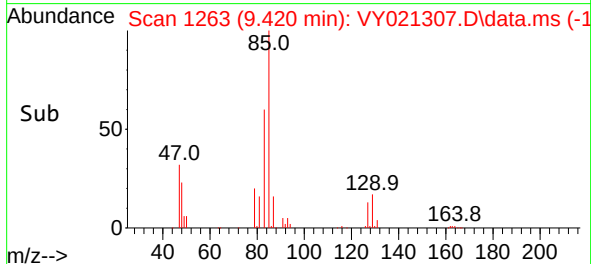
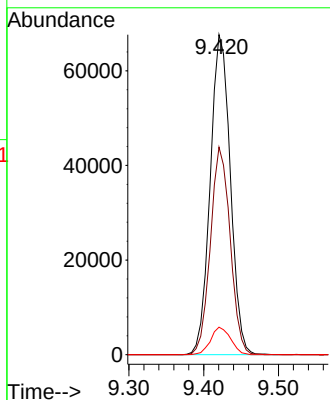
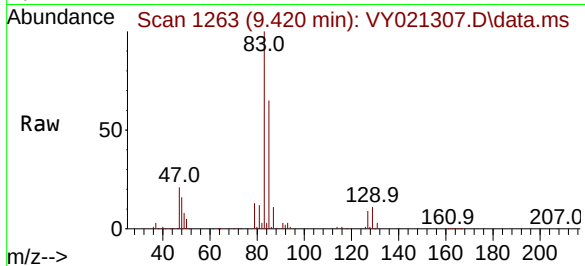




#47  
Bromodichloromethane  
Concen: 58.370 ug/l  
RT: 9.420 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

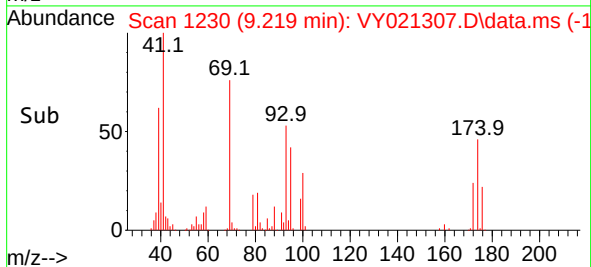
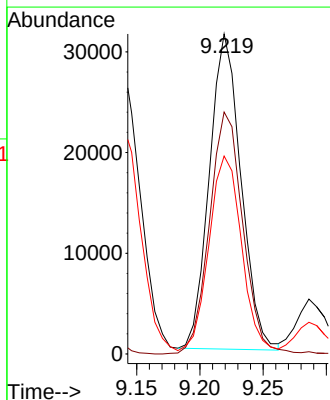
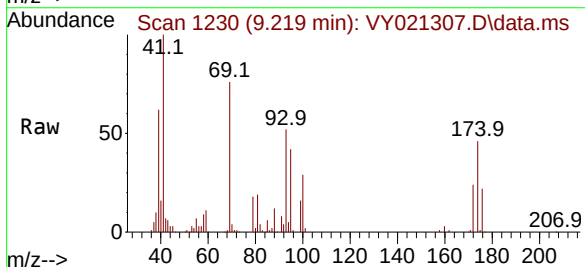
Instrument :  
MSVOA\_Y  
ClientSampleId :

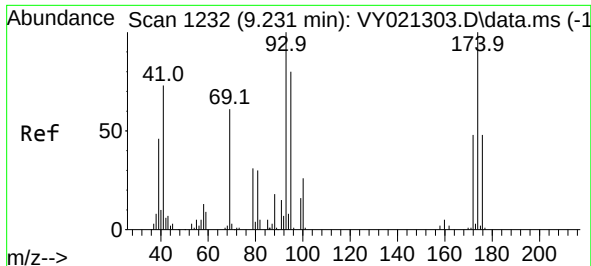
Tgt Ion: 83 Resp: 126559  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.7 76.1  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 60.104 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 41 Resp: 54377  
Ion Ratio Lower Upper  
41 100  
69 81.2 64.6 97.0  
39 63.3 47.9 71.9





#49

1,4-Dioxane

Concen: 1160.551 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

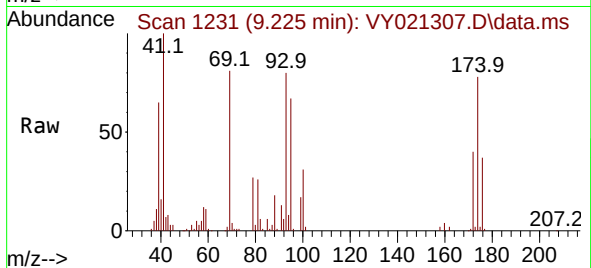
Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :



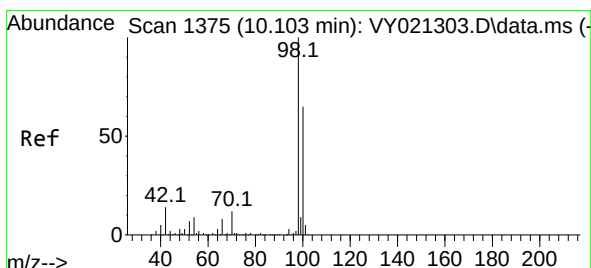
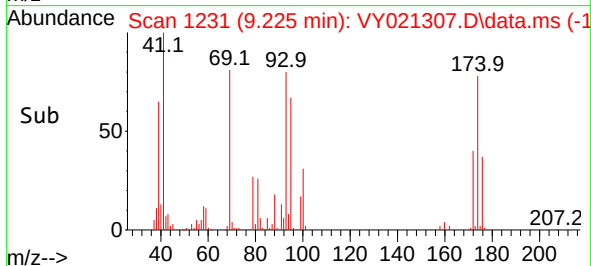
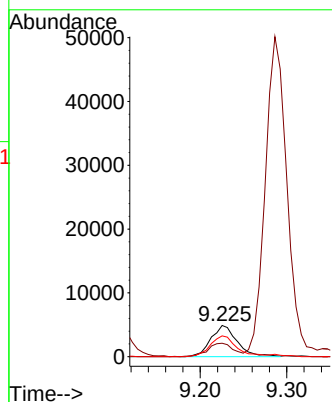
Tgt Ion: 88 Resp: 10297

Ion Ratio Lower Upper

88 100

43 42.3 33.2 49.8

58 66.4 57.8 86.8



#50

Toluene-d8

Concen: 55.711 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021307.D

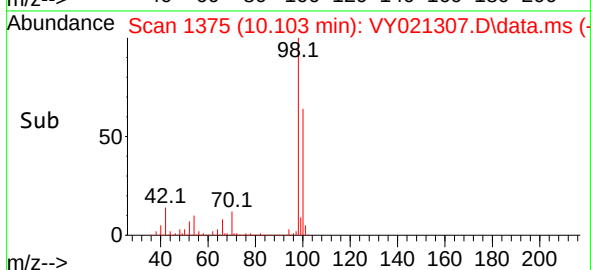
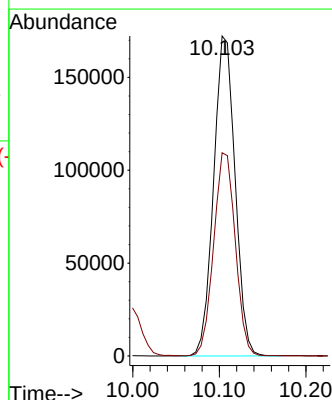
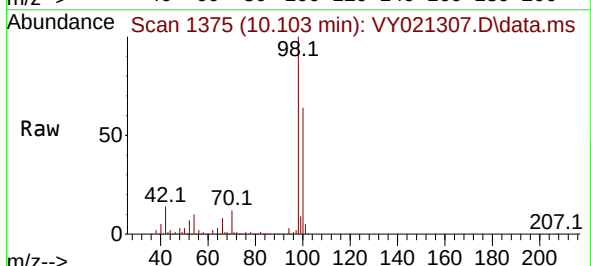
Acq: 24 Feb 2025 17:46

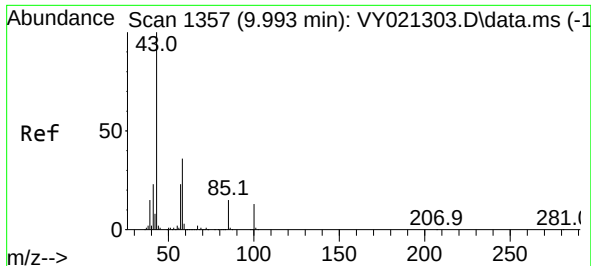
Tgt Ion: 98 Resp: 296930

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 287.721 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

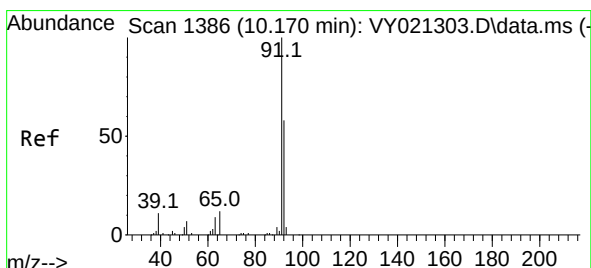
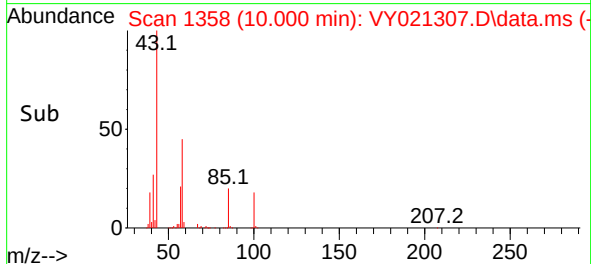
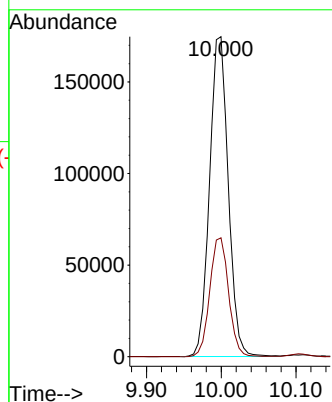
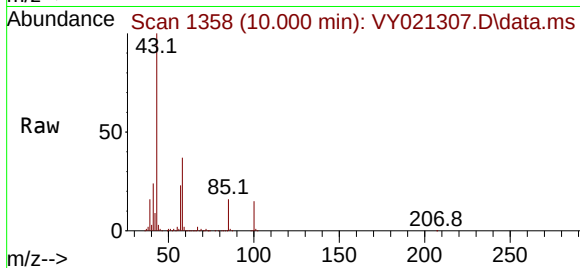
ClientSampleId :

Tgt Ion: 43 Resp: 304494

Ion Ratio Lower Upper

43 100

58 37.4 29.7 44.5



#52

Toluene

Concen: 63.419 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021307.D

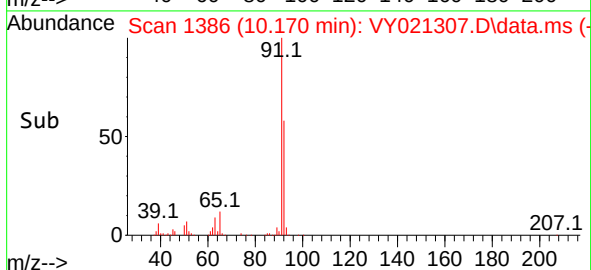
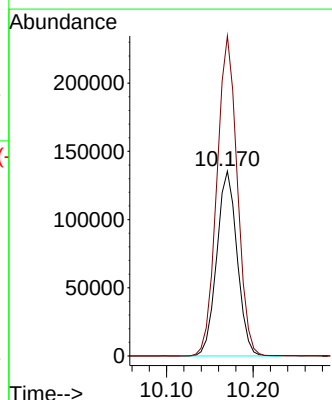
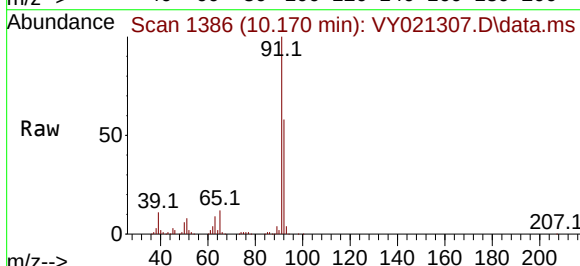
Acq: 24 Feb 2025 17:46

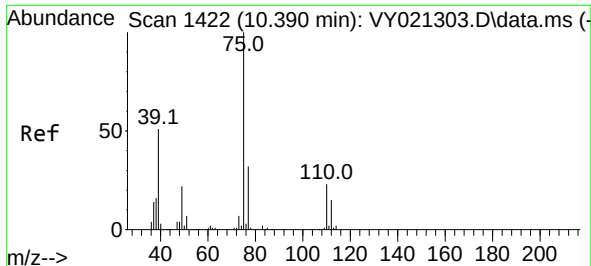
Tgt Ion: 92 Resp: 221129

Ion Ratio Lower Upper

92 100

91 173.7 138.3 207.5

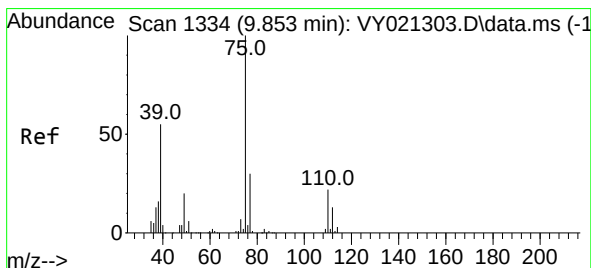
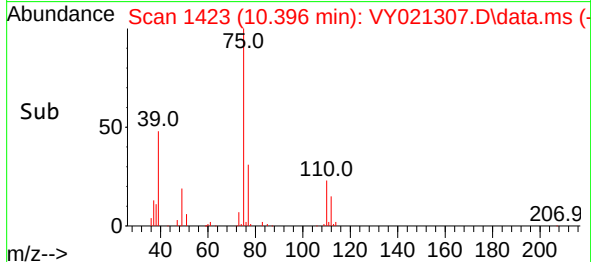
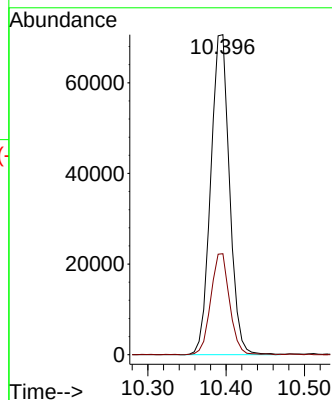
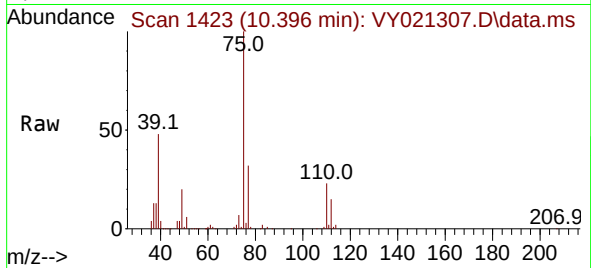




#53  
 t-1,3-Dichloropropene  
 Concen: 60.336 ug/l  
 RT: 10.396 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

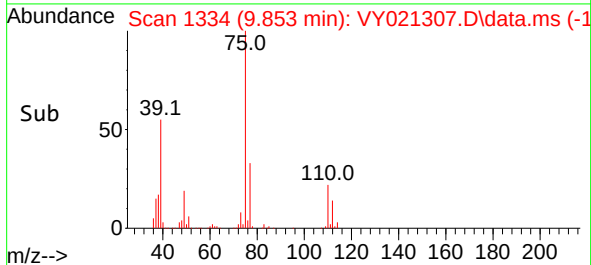
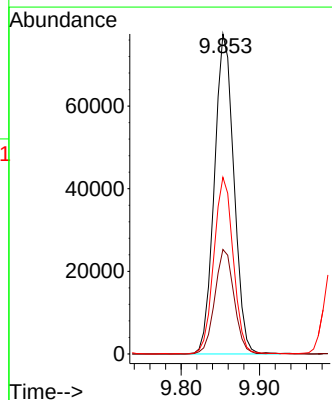
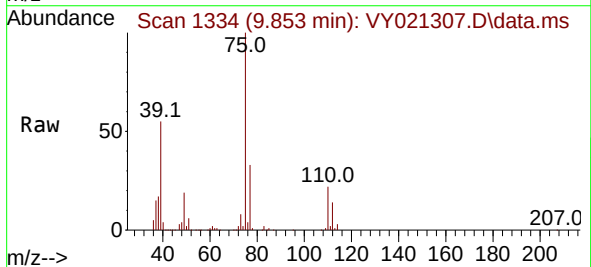
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

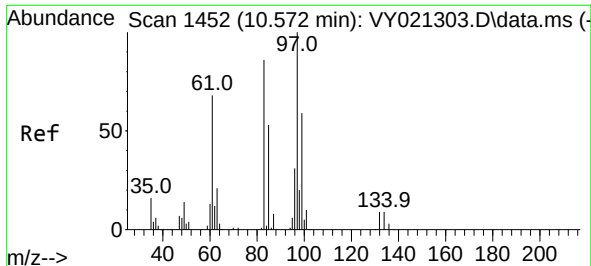
Tgt Ion: 75 Resp: 117628  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 60.660 ug/l  
 RT: 9.853 min Scan# 1334  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

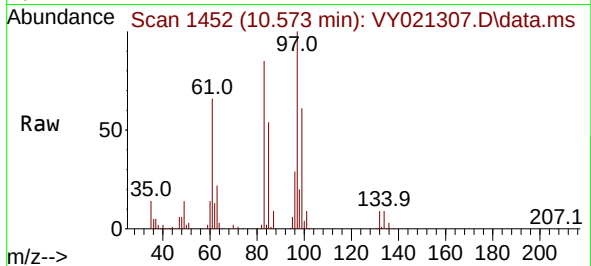
Tgt Ion: 75 Resp: 134261  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 24.0 36.0  
 39 55.1 44.1 66.1



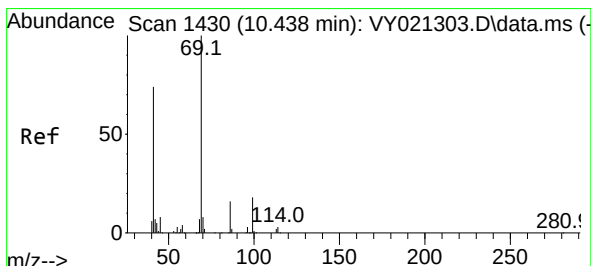
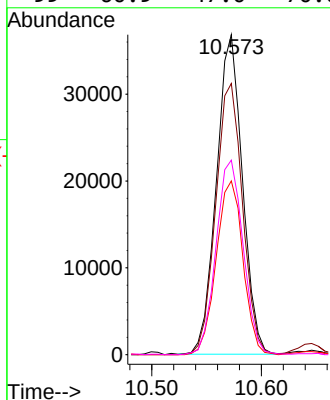
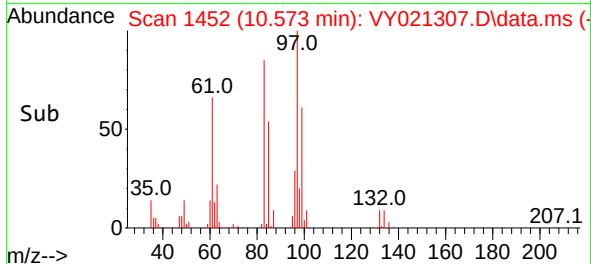


#55  
1,1,2-Trichloroethane  
Concen: 55.910 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

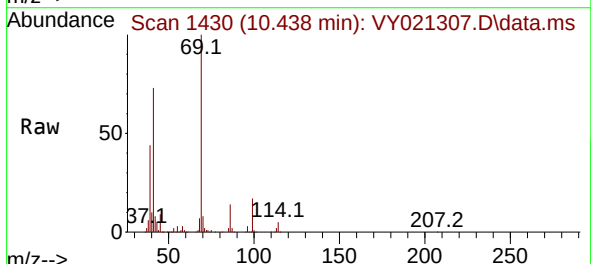
Instrument :  
MSVOA\_Y  
ClientSampleId :



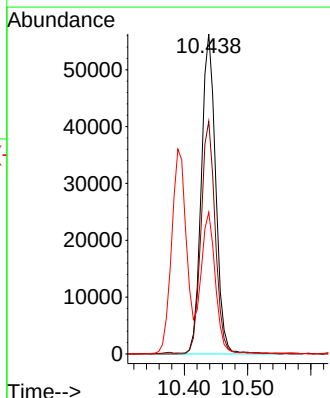
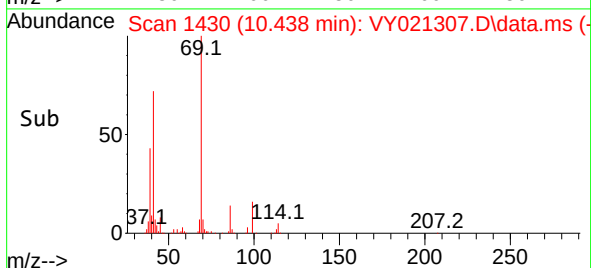
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 60563 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.9  | 68.5  | 102.7 |
| 85       | 54.4  | 42.5  | 63.7  |
| 99       | 60.9  | 47.0  | 70.6  |



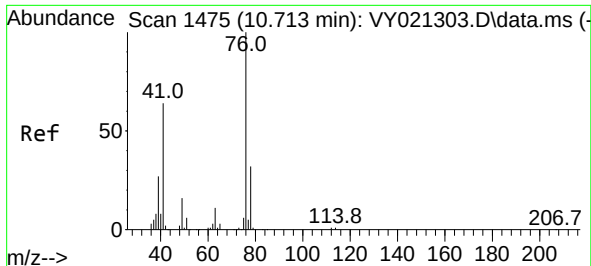
#56  
Ethyl methacrylate  
Concen: 62.869 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 88954 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.2  | 58.0  | 87.0  |
| 39       | 44.0  | 35.4  | 53.0  |







#57

1,3-Dichloropropane

Concen: 59.441 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

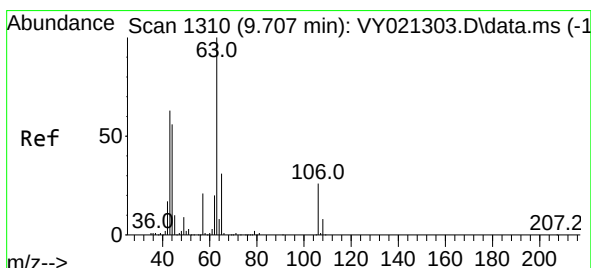
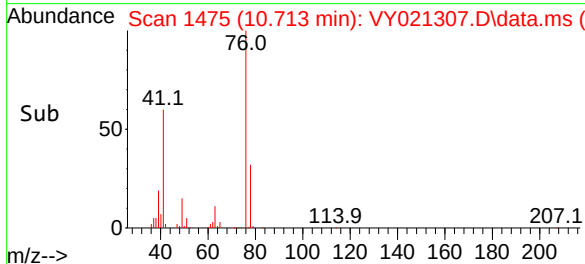
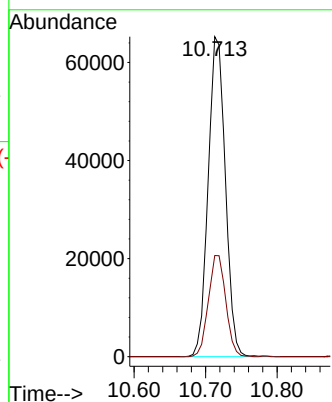
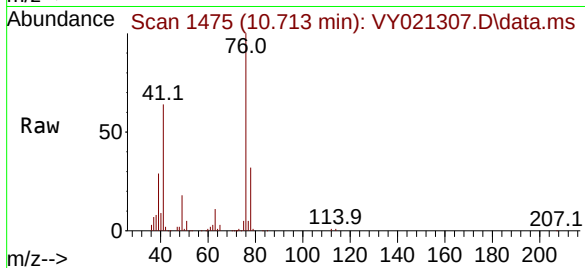
ClientSampleId :

Tgt Ion: 76 Resp: 109045

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 303.376 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY021307.D

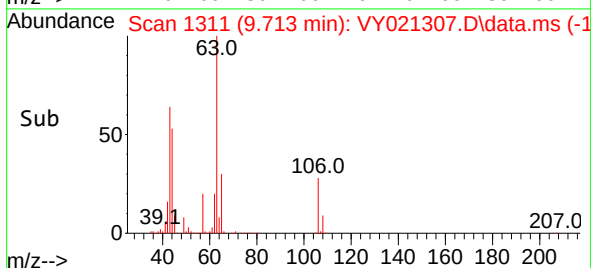
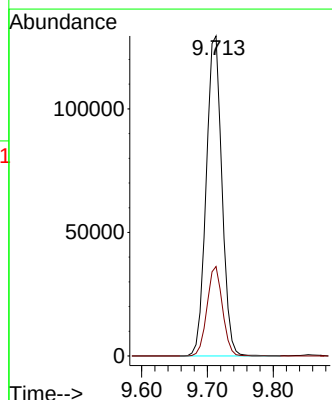
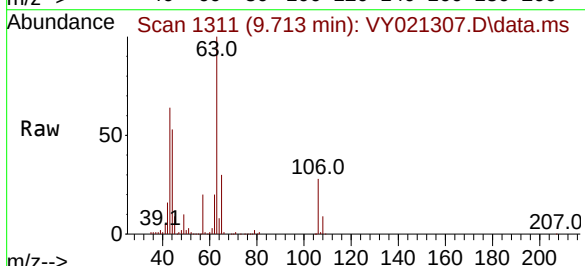
Acq: 24 Feb 2025 17:46

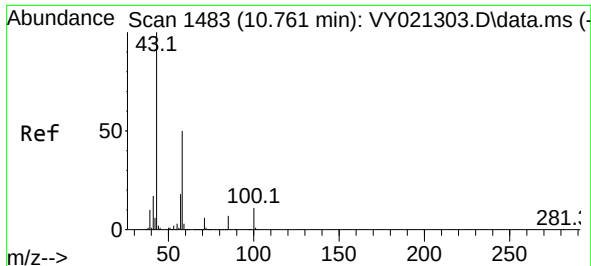
Tgt Ion: 63 Resp: 215091

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.6

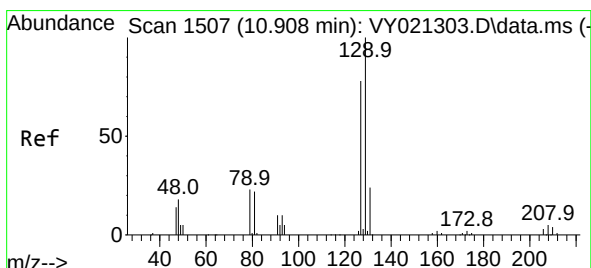
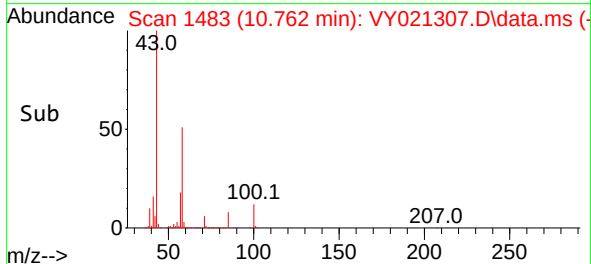
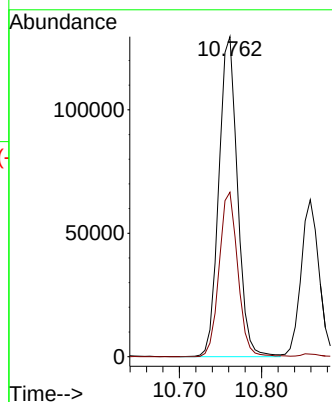
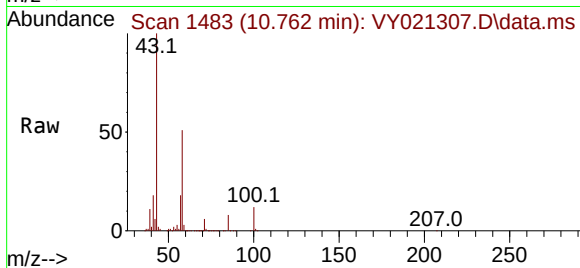




#59  
2-Hexanone  
Concen: 294.561 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

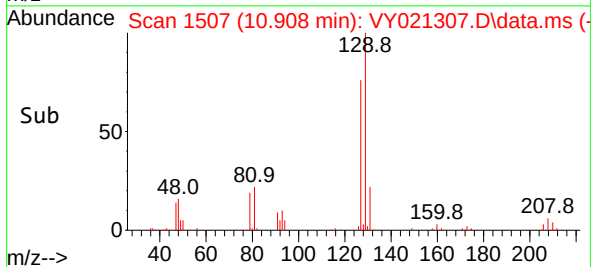
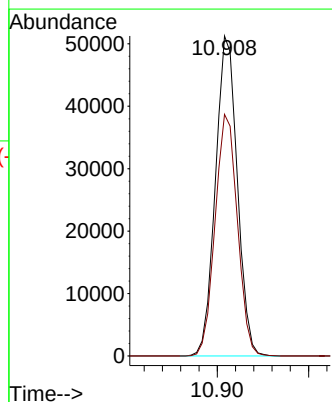
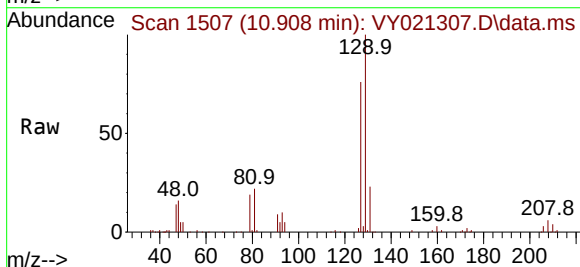
Instrument :  
MSVOA\_Y  
ClientSampleId :

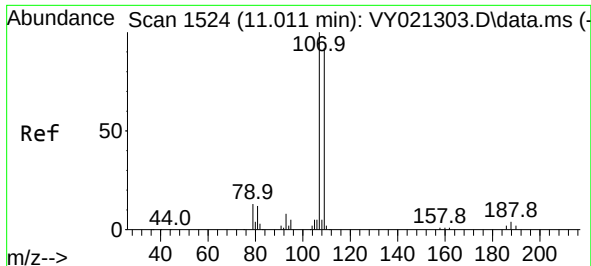
Tgt Ion: 43 Resp: 204339  
Ion Ratio Lower Upper  
43 100  
58 51.5 25.4 76.4



#60  
Dibromochloromethane  
Concen: 57.581 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion:129 Resp: 85113  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 115.7

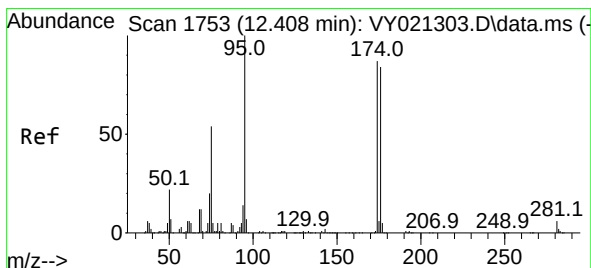
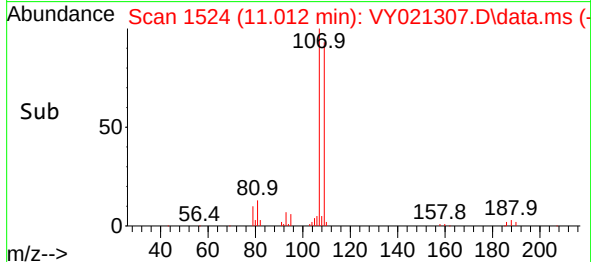
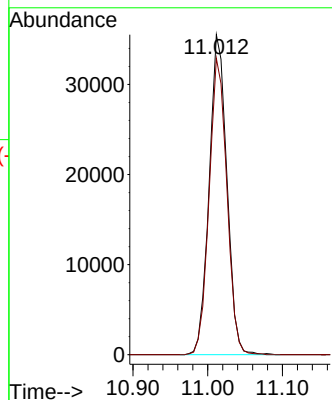
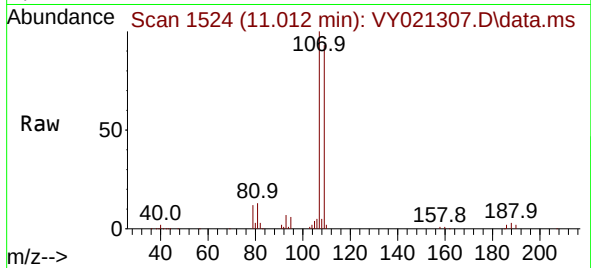




#61  
1,2-Dibromoethane  
Concen: 60.524 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

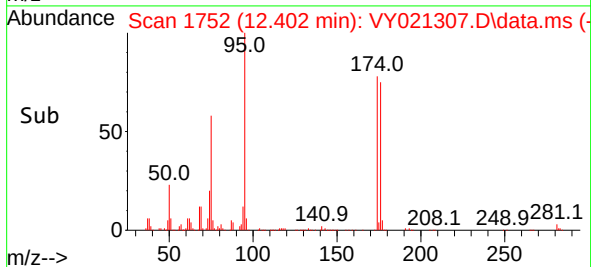
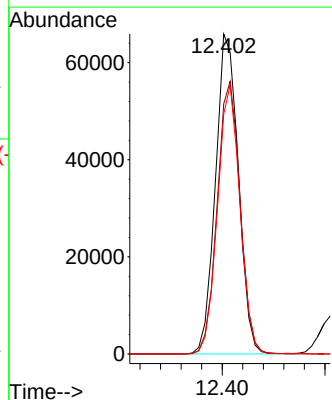
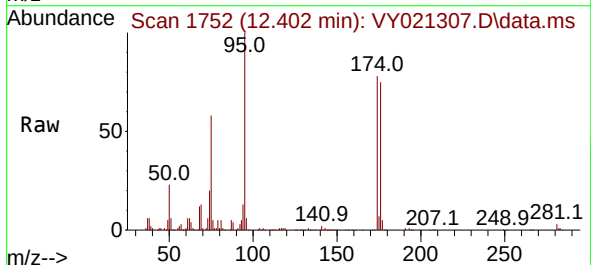
Instrument :  
MSVOA\_Y  
ClientSampleId :

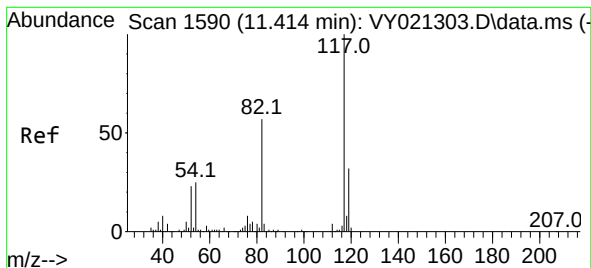
Tgt Ion:107 Resp: 58414  
Ion Ratio Lower Upper  
107 100  
109 92.8 74.5 111.7



#62  
4-Bromofluorobenzene  
Concen: 55.169 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 95 Resp: 101548  
Ion Ratio Lower Upper  
95 100  
174 85.5 0.0 168.2  
176 82.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

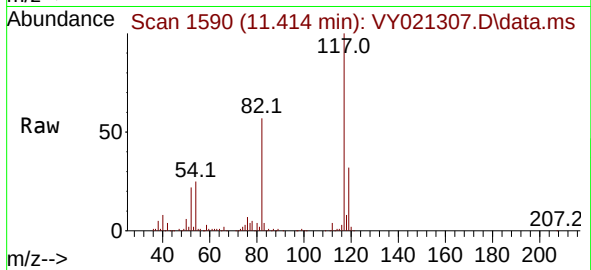
Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :



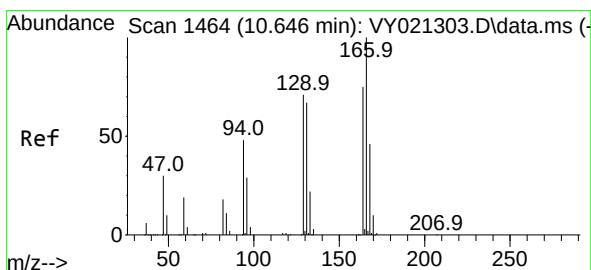
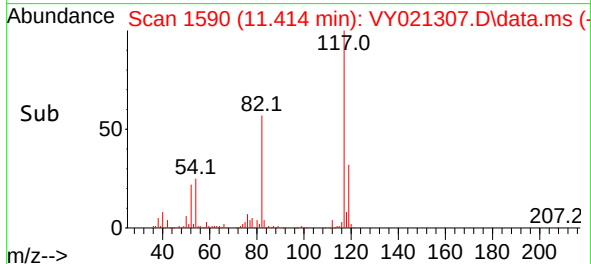
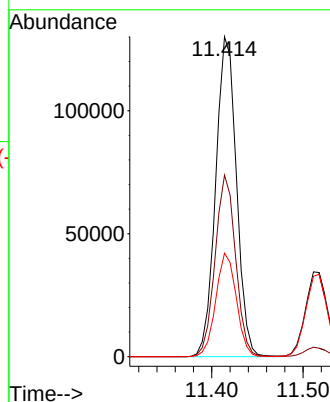
Tgt Ion:117 Resp: 205901

Ion Ratio Lower Upper

117 100

82 56.7 45.6 68.4

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 61.698 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Tgt Ion:164 Resp: 79101

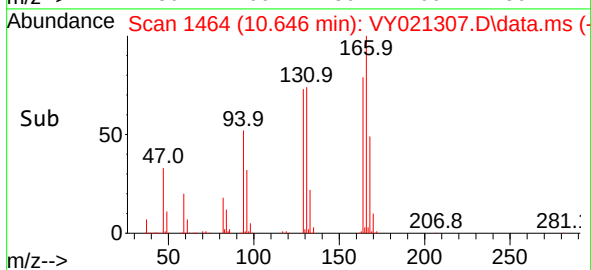
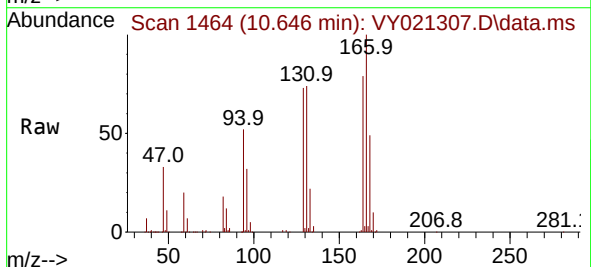
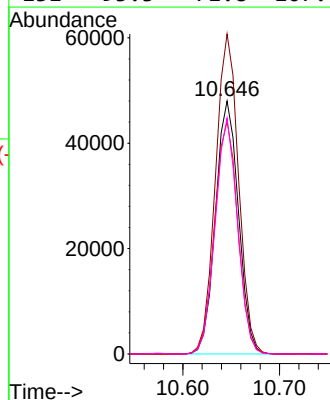
Ion Ratio Lower Upper

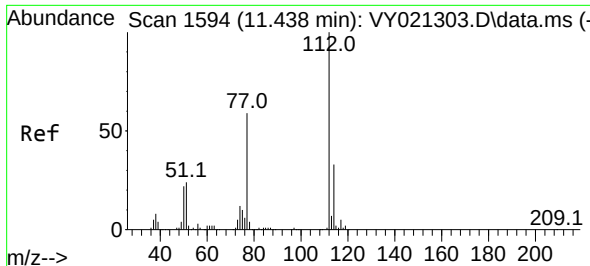
164 100

166 126.5 106.5 159.7

129 92.0 75.2 112.8

131 93.3 71.8 107.6

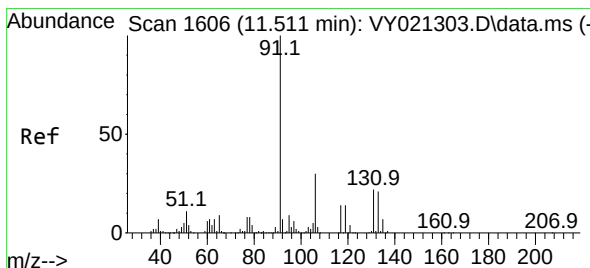
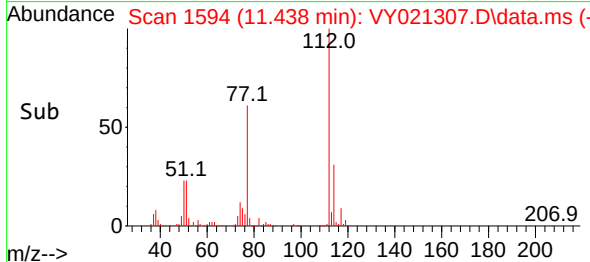
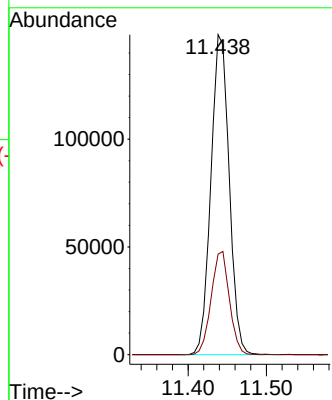
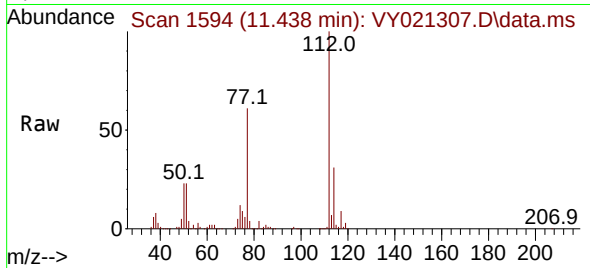




#65  
Chlorobenzene  
Concen: 58.976 ug/l  
RT: 11.438 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

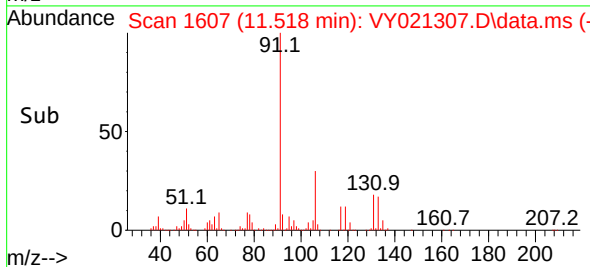
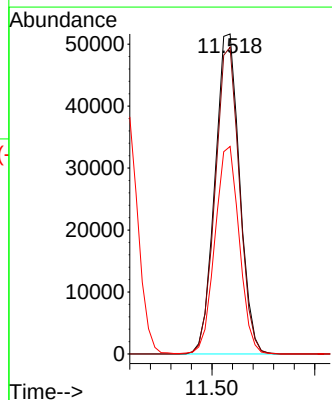
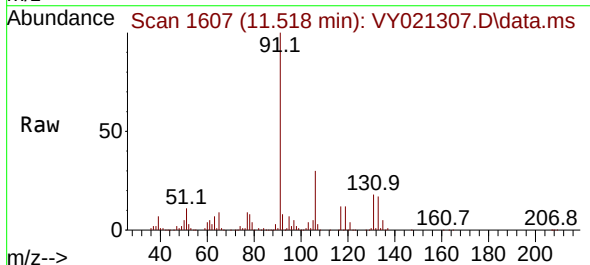
Instrument :  
MSVOA\_Y  
ClientSampleId :

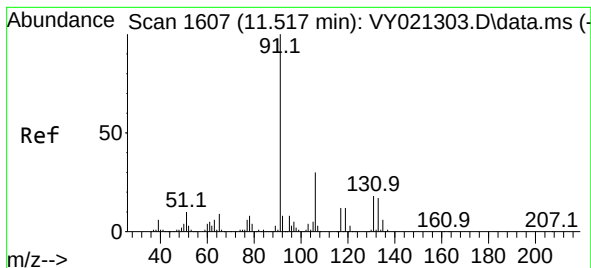
Tgt Ion:112 Resp: 240814  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.123 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.006 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion:131 Resp: 85804  
Ion Ratio Lower Upper  
131 100  
133 94.5 48.3 144.9  
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 60.684 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

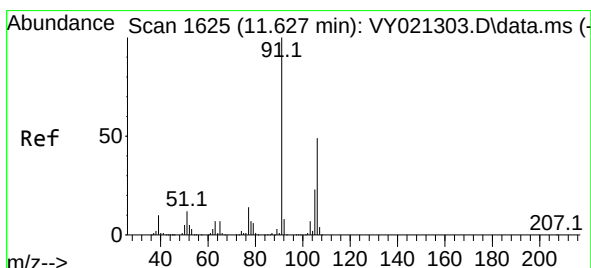
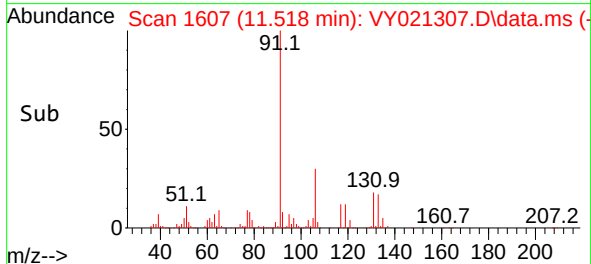
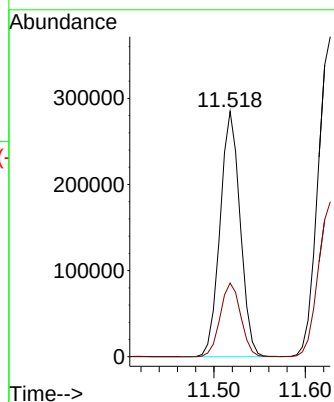
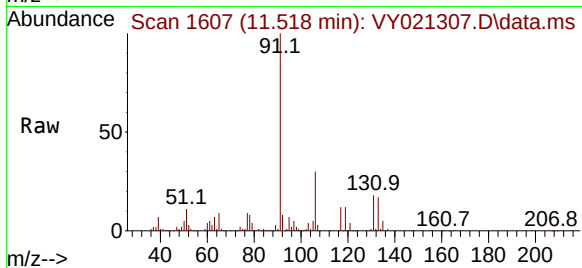
ClientSampleId :

Tgt Ion: 91 Resp: 434334

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.4



#68

m/p-Xylenes

Concen: 123.096 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021307.D

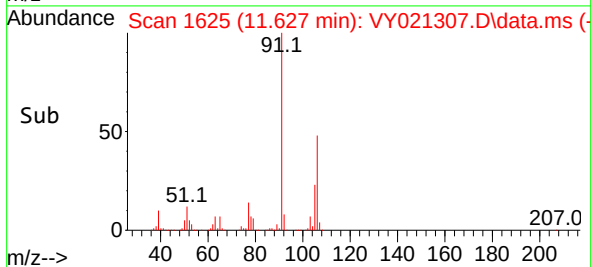
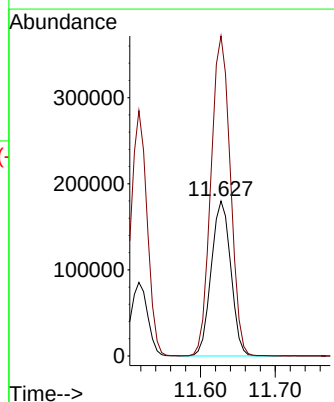
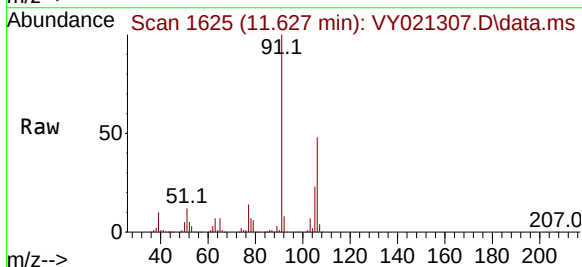
Acq: 24 Feb 2025 17:46

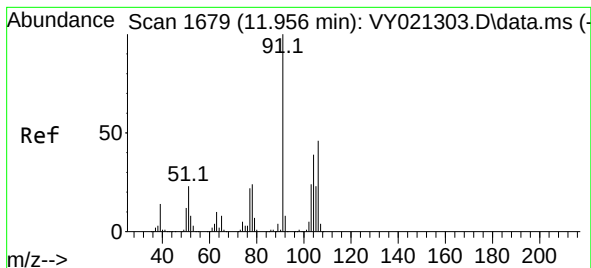
Tgt Ion:106 Resp: 326717

Ion Ratio Lower Upper

106 100

91 205.4 164.0 246.0





#69

o-Xylene

Concen: 61.009 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

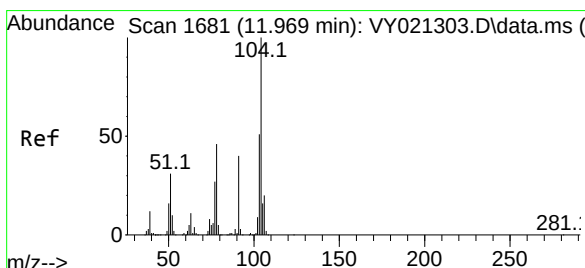
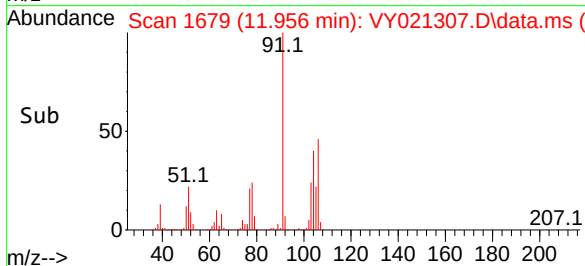
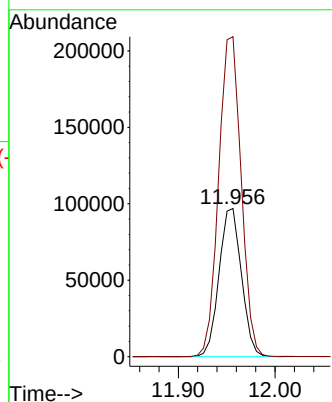
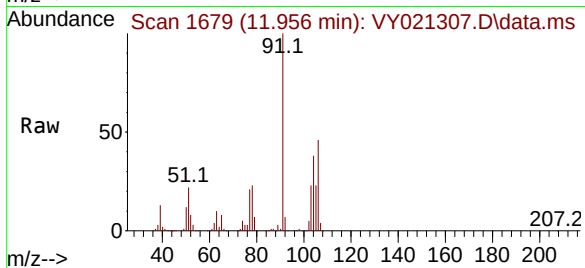
ClientSampleId :

Tgt Ion:106 Resp: 155761

Ion Ratio Lower Upper

106 100

91 217.9 108.8 326.4



#70

Styrene

Concen: 61.364 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

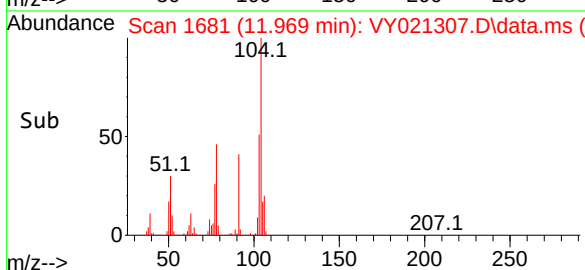
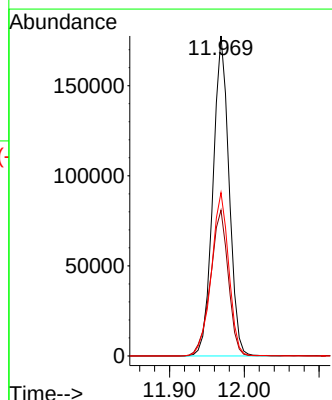
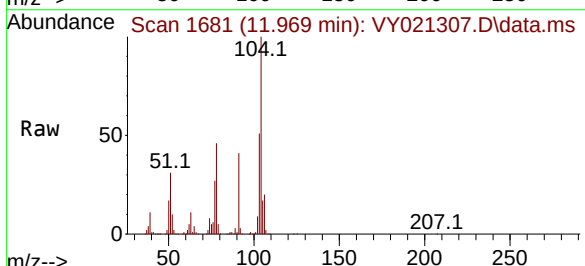
Tgt Ion:104 Resp: 265729

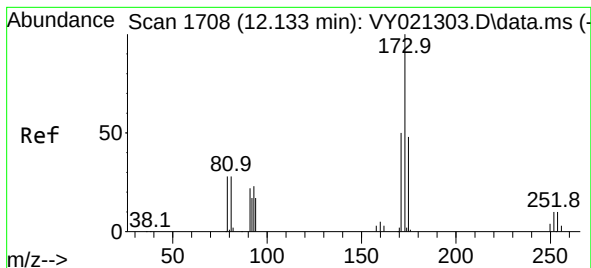
Ion Ratio Lower Upper

104 100

78 50.5 41.0 61.6

103 55.1 44.2 66.4





#71

Bromoform

Concen: 55.404 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

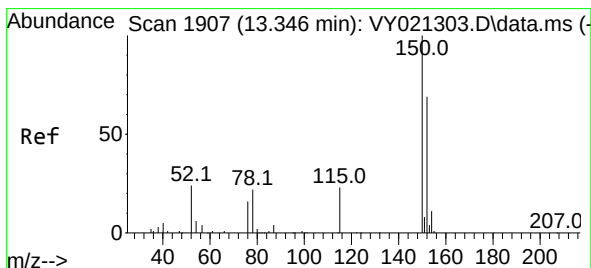
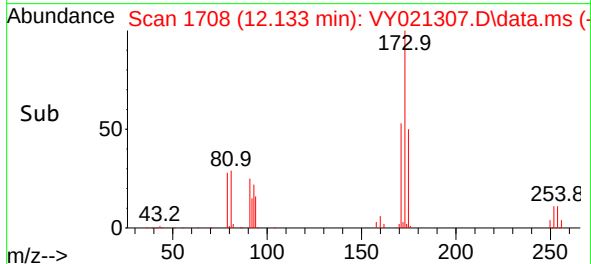
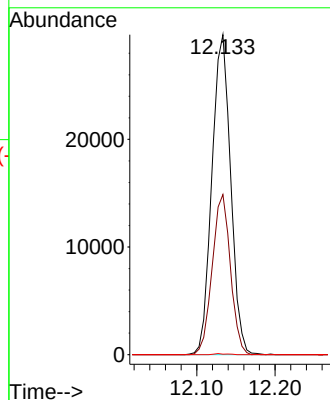
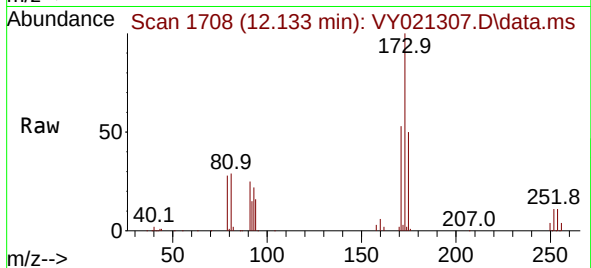
Tgt Ion:173 Resp: 49388

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.2

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

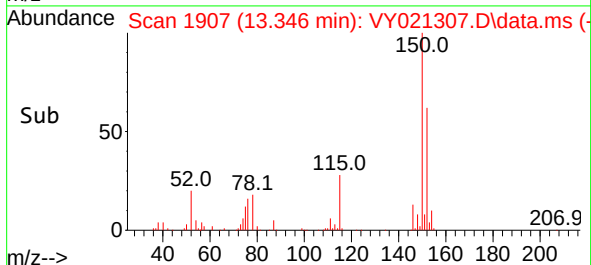
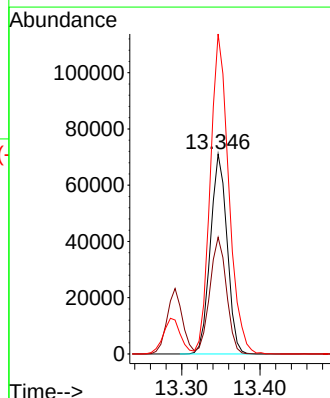
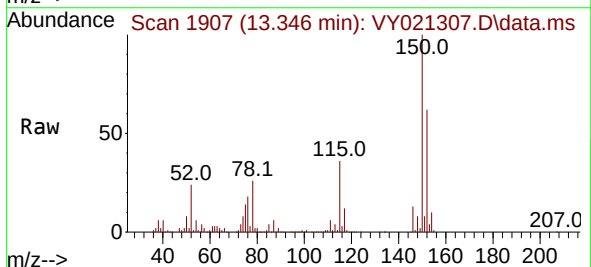
Tgt Ion:152 Resp: 105206

Ion Ratio Lower Upper

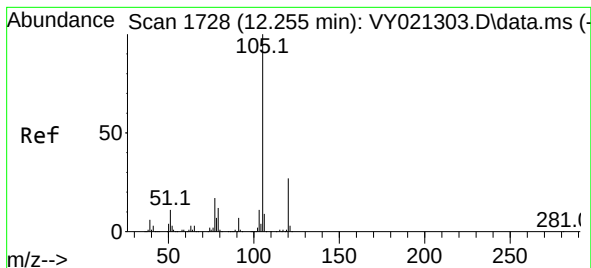
152 100

115 58.1 29.0 87.1

150 177.1 0.0 345.8







#73

Isopropylbenzene

Concen: 59.150 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

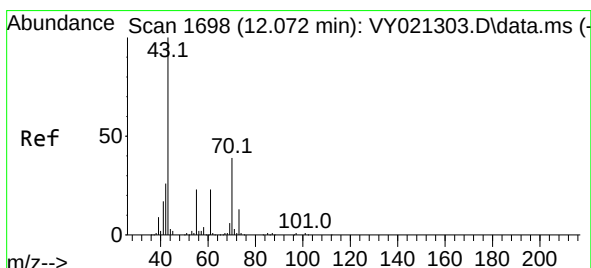
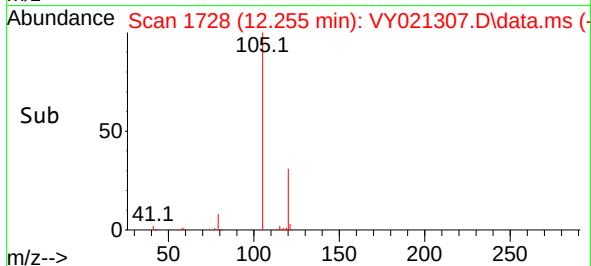
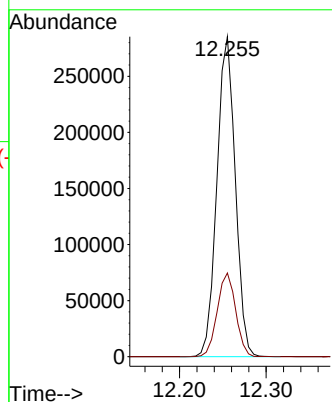
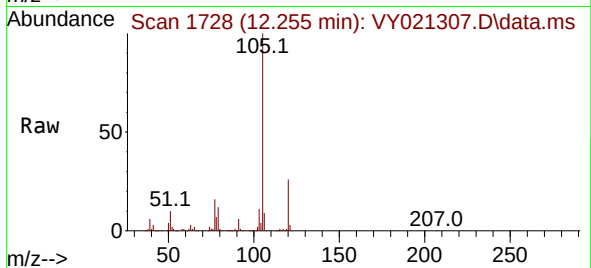
ClientSampleId :

Tgt Ion:105 Resp: 420348

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 58.083 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Tgt Ion: 43 Resp: 109060

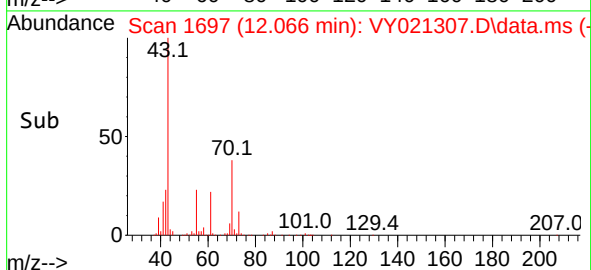
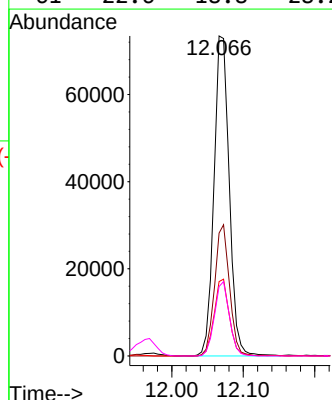
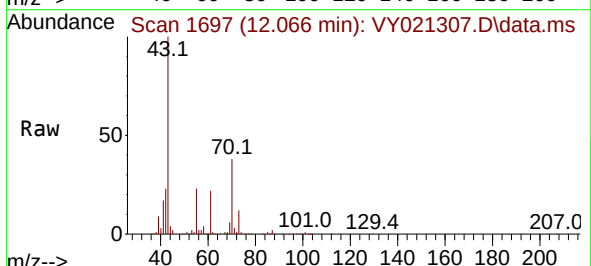
Ion Ratio Lower Upper

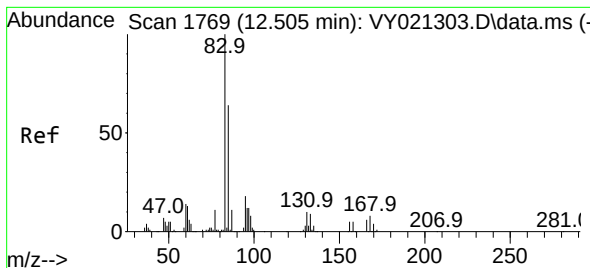
43 100

70 40.1 31.4 47.2

55 23.9 19.5 29.3

61 22.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.286 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

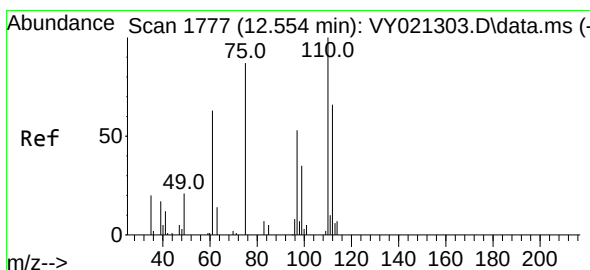
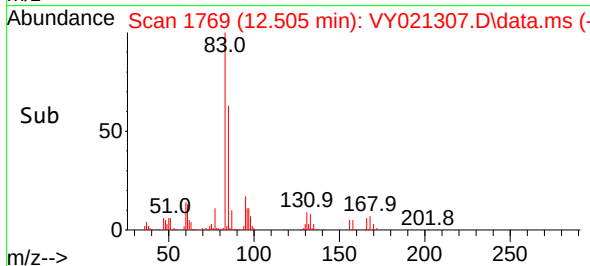
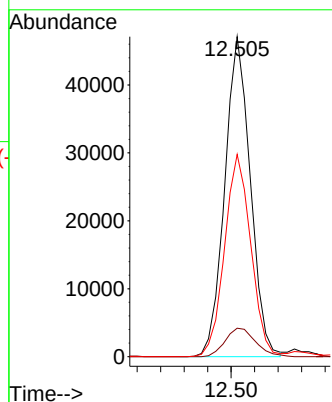
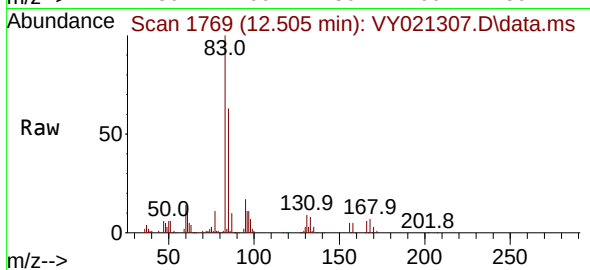
Tgt Ion: 83 Resp: 71319

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 64.7 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 97.699 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021307.D

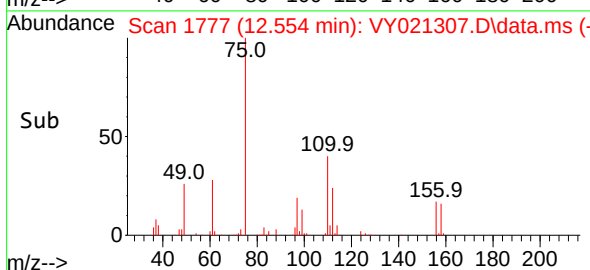
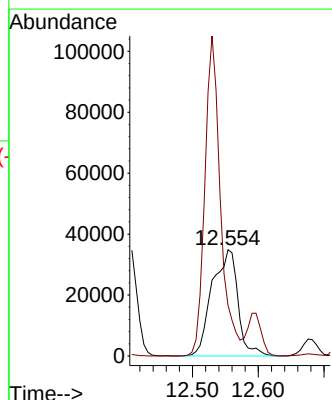
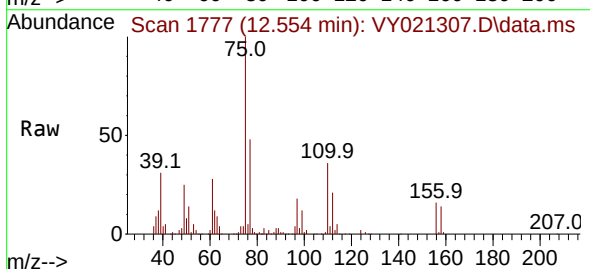
Acq: 24 Feb 2025 17:46

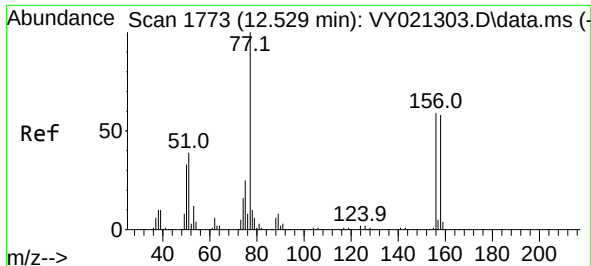
Tgt Ion: 75 Resp: 95171

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

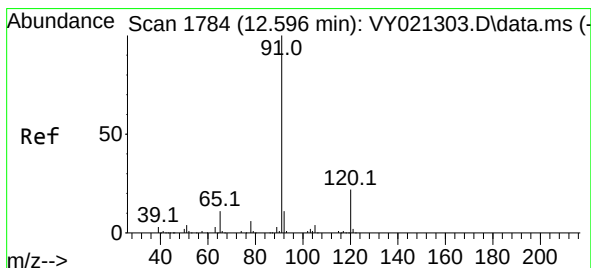
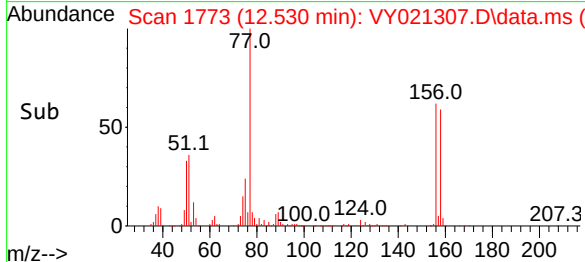
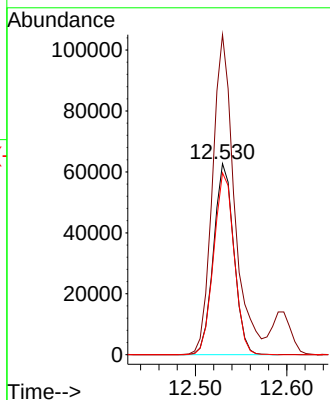
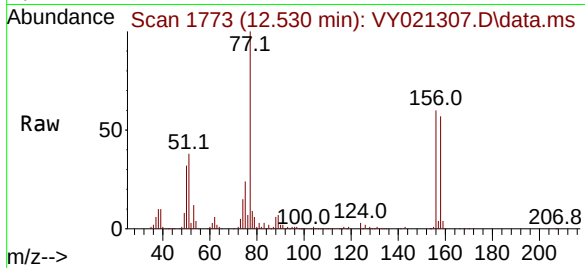




#77  
Bromobenzene  
Concen: 57.298 ug/l  
RT: 12.530 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

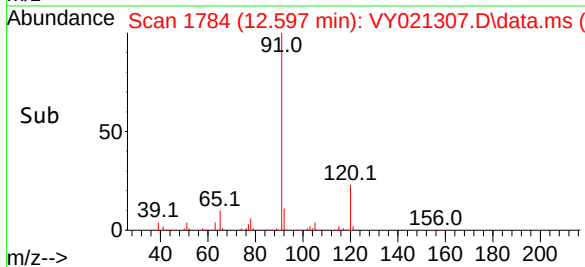
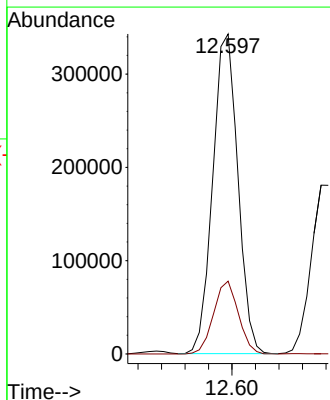
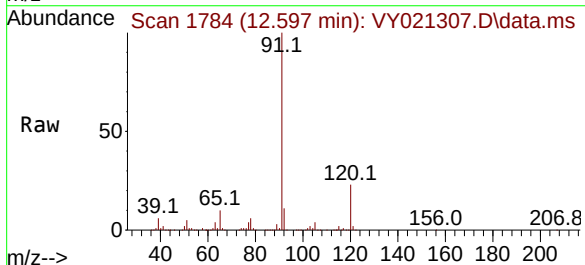
Instrument :  
MSVOA\_Y  
ClientSampleId :

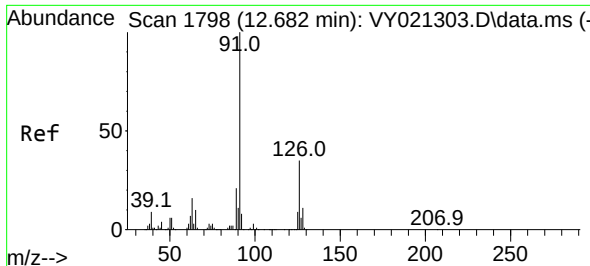
Tgt Ion:156 Resp: 96588  
Ion Ratio Lower Upper  
156 100  
77 180.3 91.2 273.6  
158 96.4 48.8 146.3



#78  
n-propylbenzene  
Concen: 58.893 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 91 Resp: 508427  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.1 33.3





#79

2-Chlorotoluene

Concen: 57.564 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

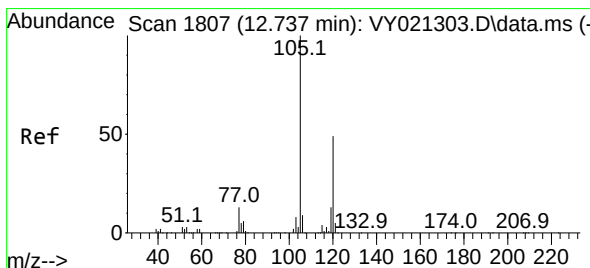
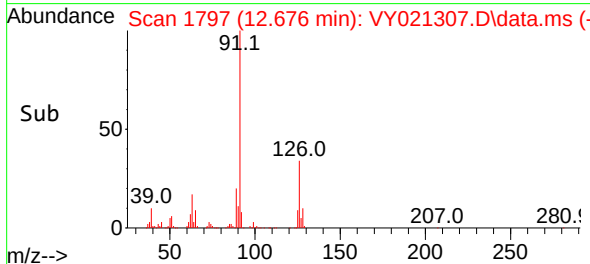
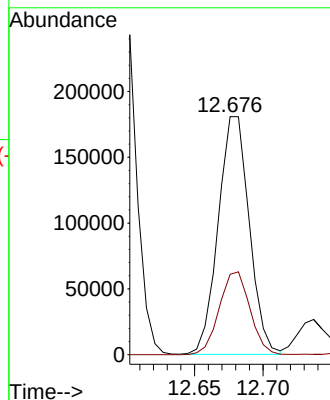
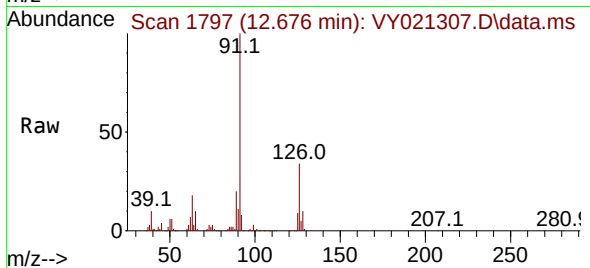
ClientSampleId :

Tgt Ion: 91 Resp: 285879

Ion Ratio Lower Upper

91 100

126 34.4 17.0 50.9



#80

1,3,5-Trimethylbenzene

Concen: 58.927 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021307.D

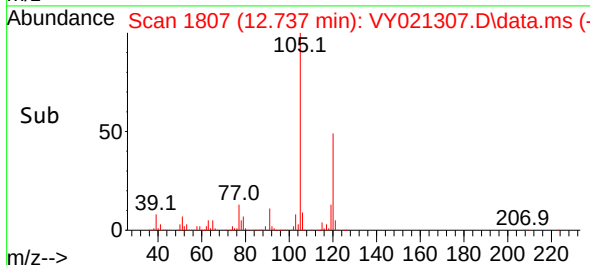
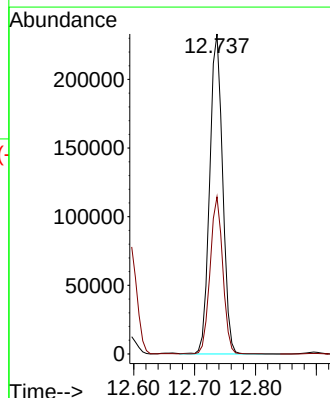
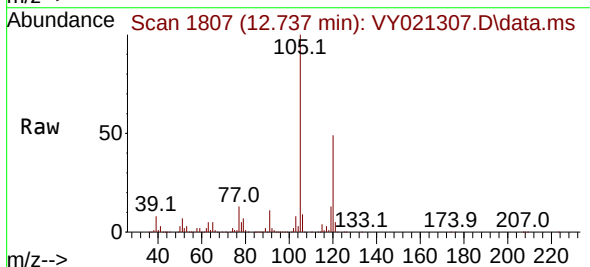
Acq: 24 Feb 2025 17:46

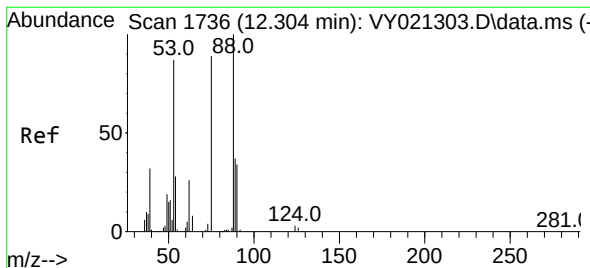
Tgt Ion:105 Resp: 344487

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

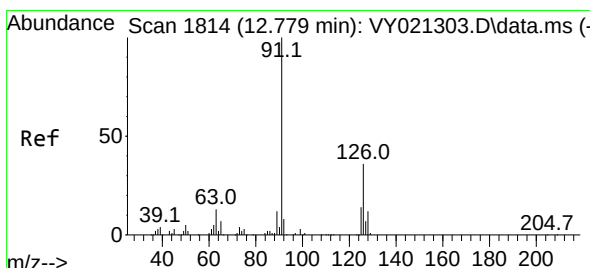
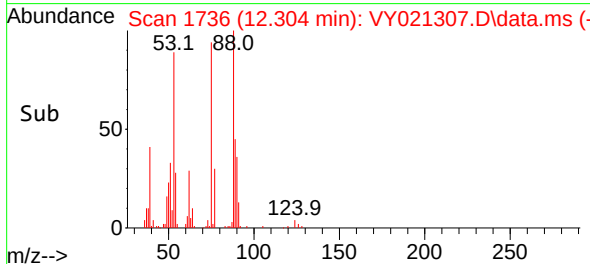
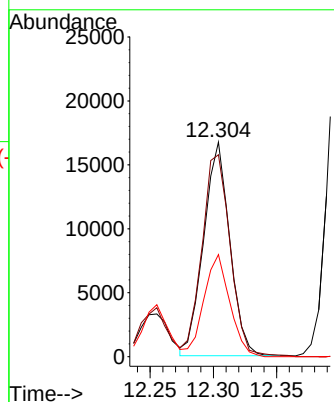
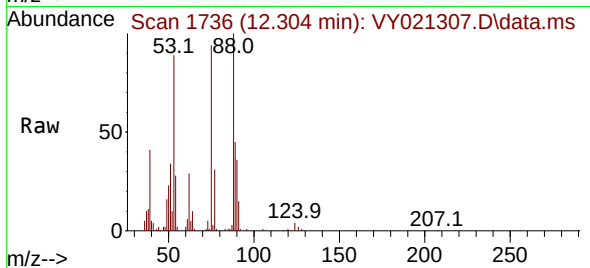




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.664 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

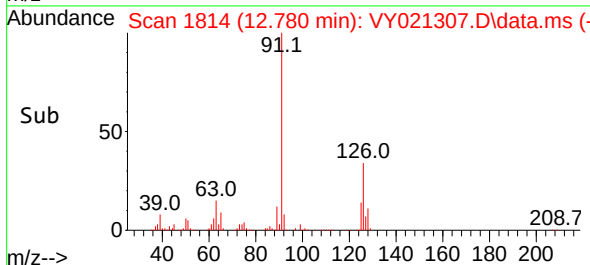
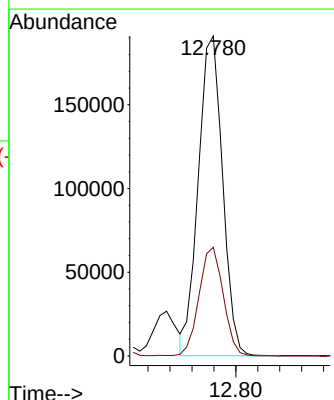
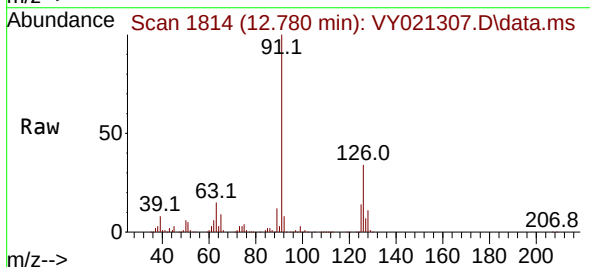
Instrument :  
MSVOA\_Y  
ClientSampleId :

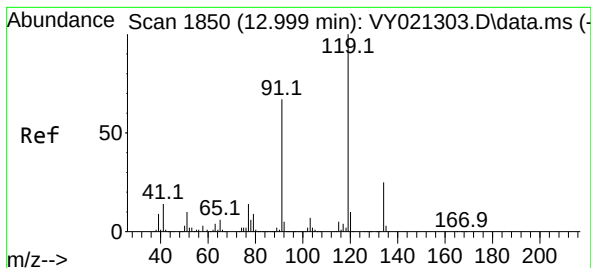
Tgt Ion: 75 Resp: 24034  
Ion Ratio Lower Upper  
75 100  
53 102.6 79.8 119.8  
89 47.7 36.4 54.6



#82  
4-Chlorotoluene  
Concen: 56.863 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion: 91 Resp: 293711  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.9 50.6





#83

tert-Butylbenzene

Concen: 57.734 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

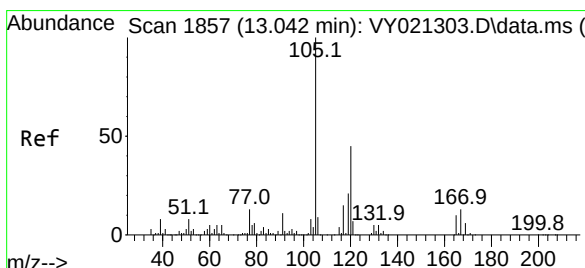
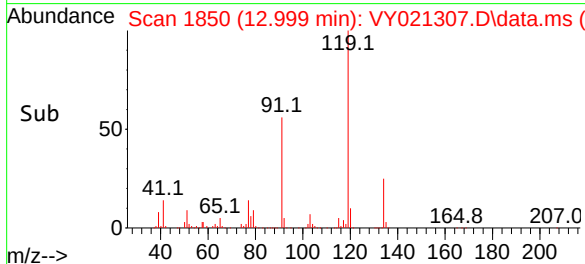
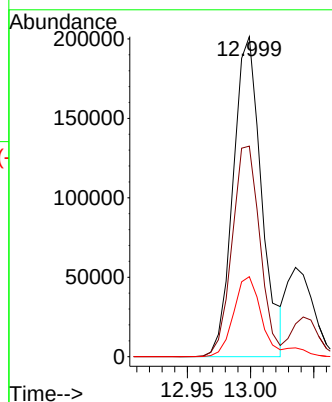
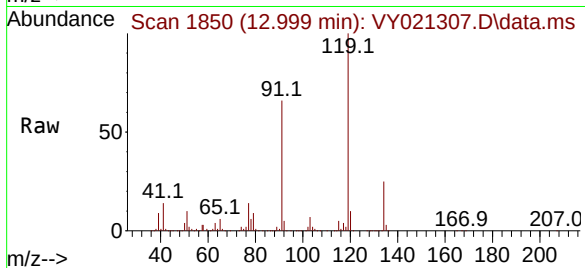
Tgt Ion:119 Resp: 314033

Ion Ratio Lower Upper

119 100

91 64.9 32.4 97.2

134 26.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 57.885 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021307.D

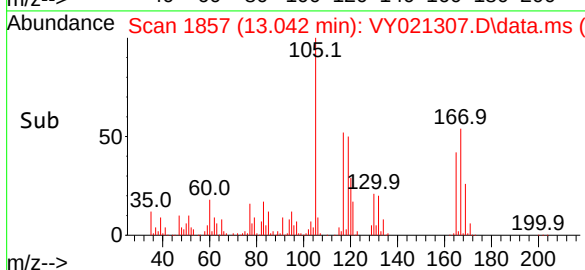
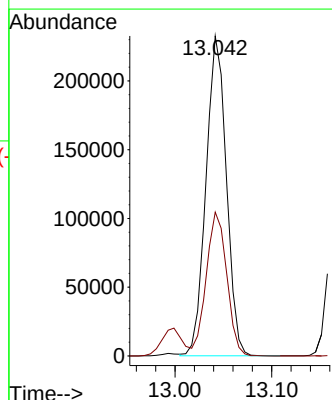
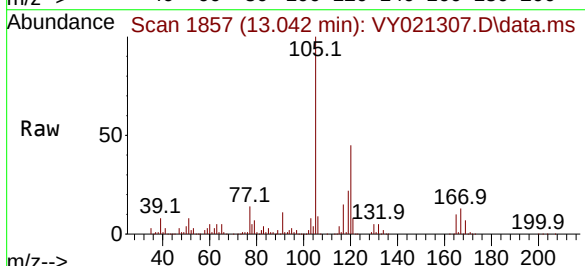
Acq: 24 Feb 2025 17:46

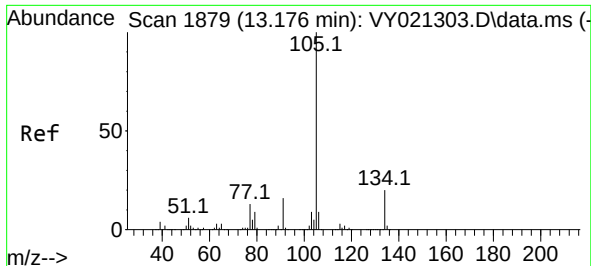
Tgt Ion:105 Resp: 340982

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.5

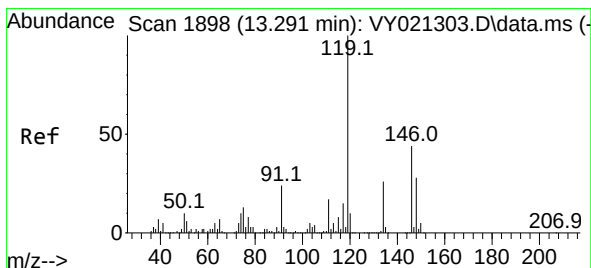
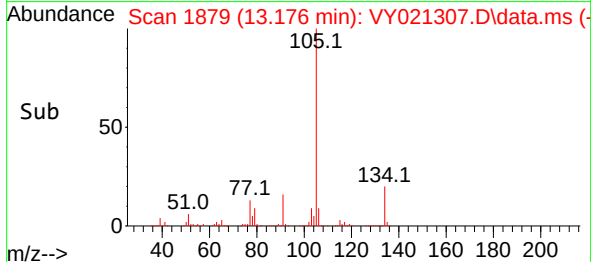
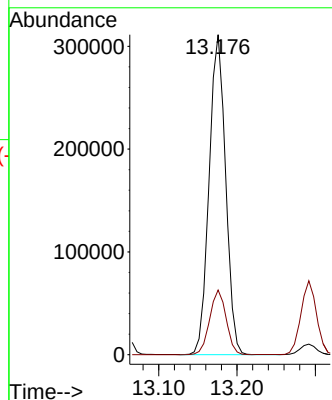
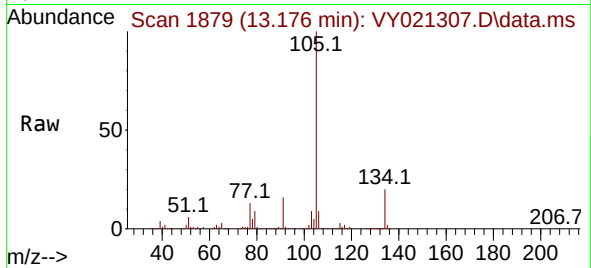




#85  
 sec-Butylbenzene  
 Concen: 57.906 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

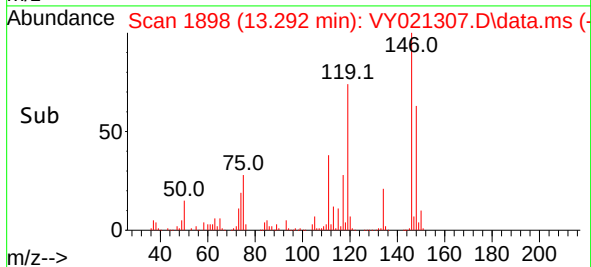
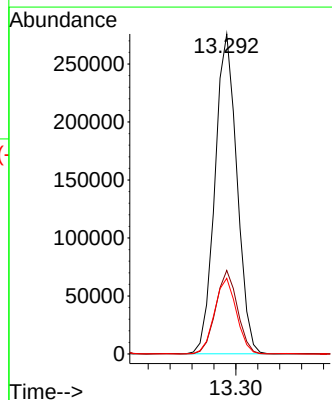
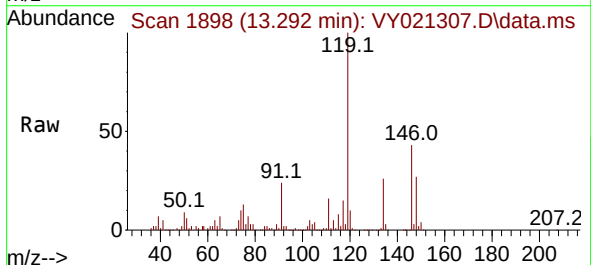
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

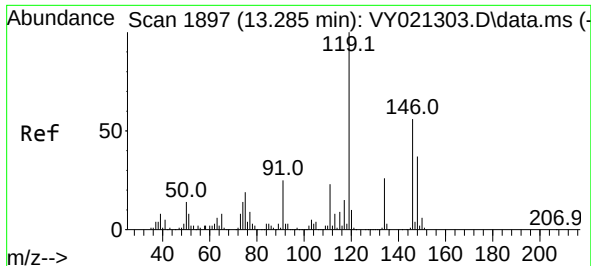
Tgt Ion:105 Resp: 454071  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 58.585 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. 0.000 min  
 Lab File: VY021307.D  
 Acq: 24 Feb 2025 17:46

Tgt Ion:119 Resp: 384429  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.2 39.5  
 91 23.6 12.0 36.0

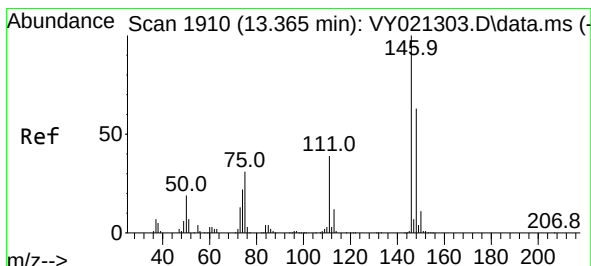
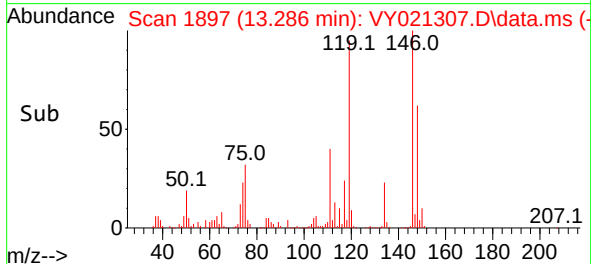
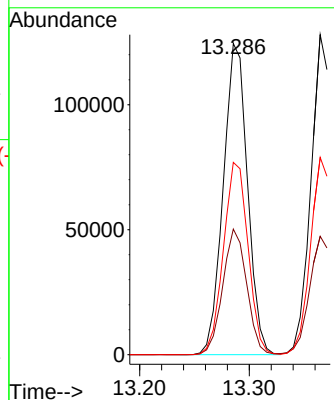
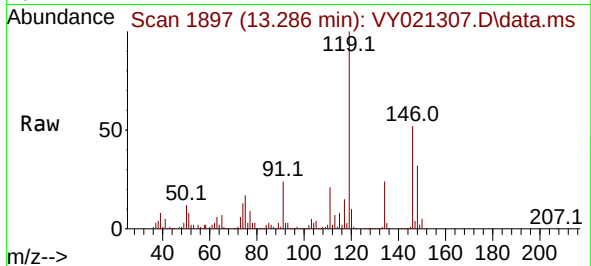




#87  
1,3-Dichlorobenzene  
Concen: 55.740 ug/l  
RT: 13.286 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

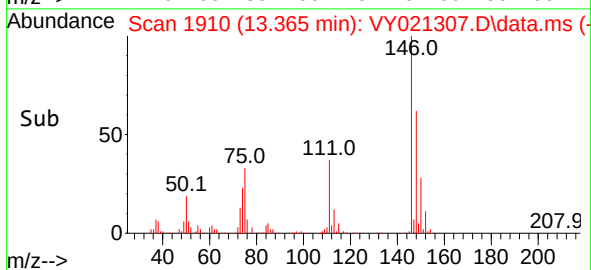
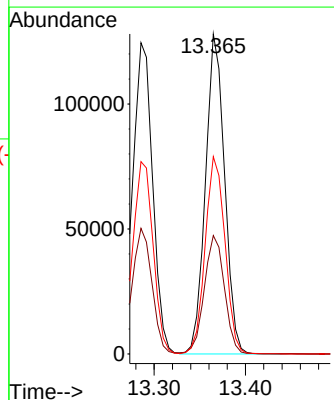
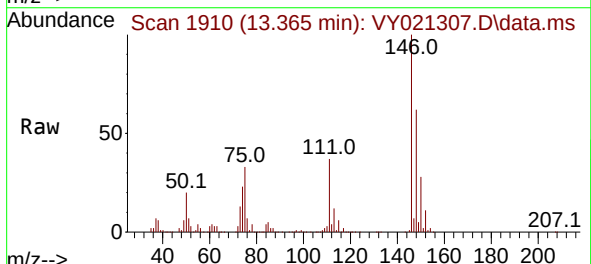
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:146 Resp: 191331  
Ion Ratio Lower Upper  
146 100  
111 39.8 19.8 59.4  
148 62.8 31.8 95.3

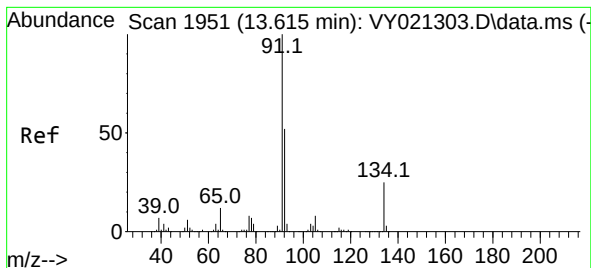


#88  
1,4-Dichlorobenzene  
Concen: 54.929 ug/l  
RT: 13.365 min Scan# 1910  
Delta R.T. 0.000 min  
Lab File: VY021307.D  
Acq: 24 Feb 2025 17:46

Tgt Ion:146 Resp: 185973  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.3 57.9  
148 64.0 31.6 94.8







#89

n-Butylbenzene

Concen: 57.691 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

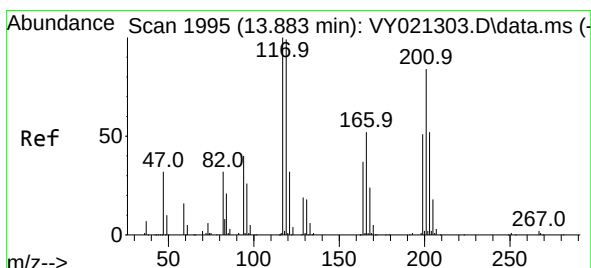
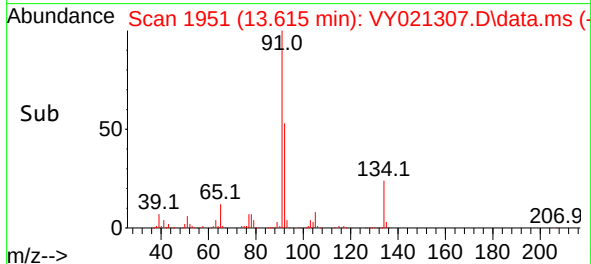
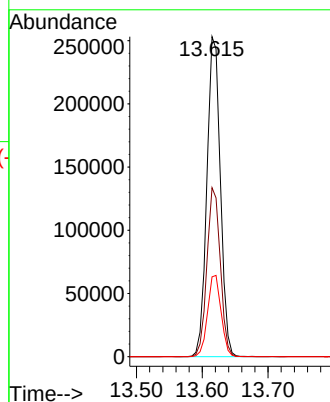
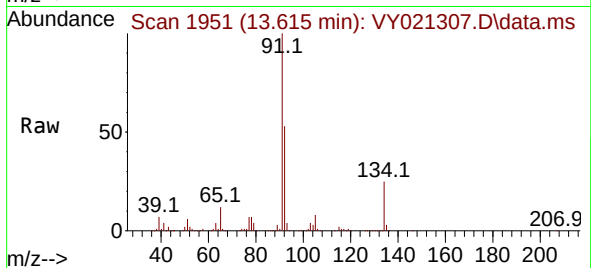
Tgt Ion: 91 Resp: 360949

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 55.183 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021307.D

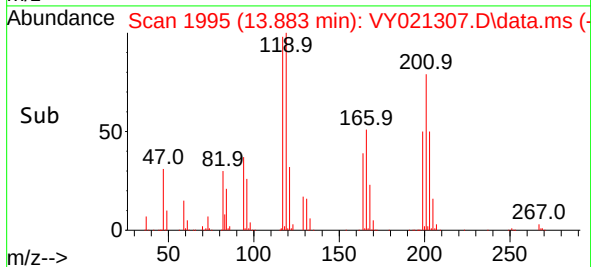
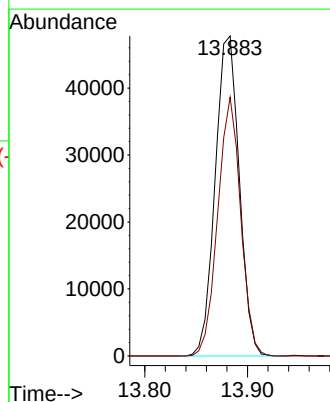
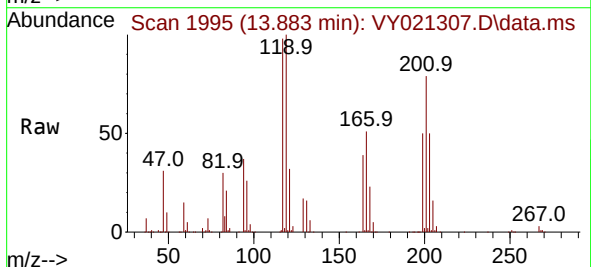
Acq: 24 Feb 2025 17:46

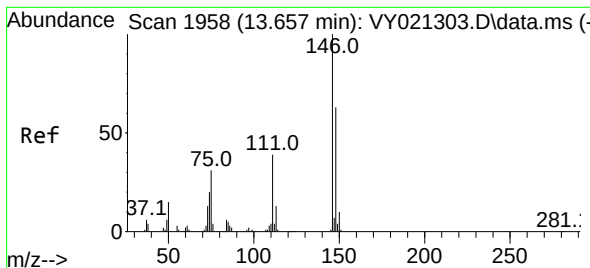
Tgt Ion: 117 Resp: 77636

Ion Ratio Lower Upper

117 100

201 76.9 39.5 118.3





#91

1,2-Dichlorobenzene

Concen: 54.446 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

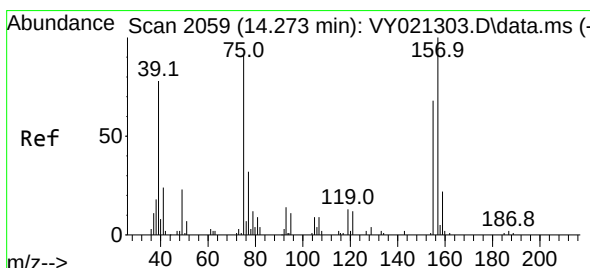
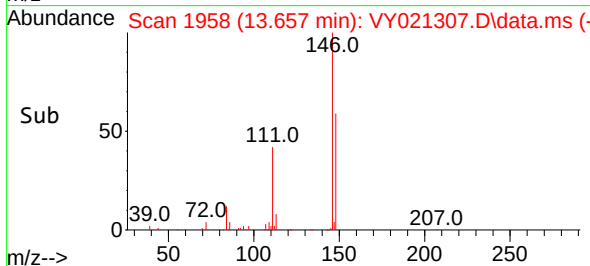
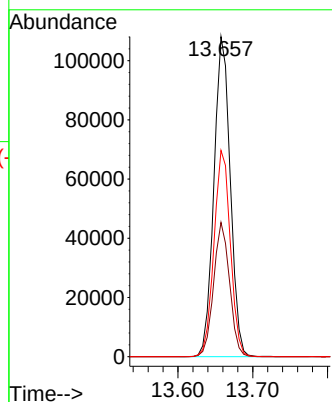
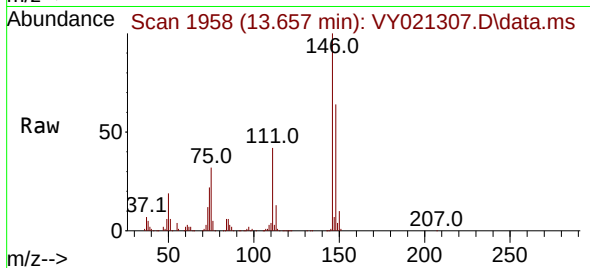
Tgt Ion:146 Resp: 164841

Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.5

148 64.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.226 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

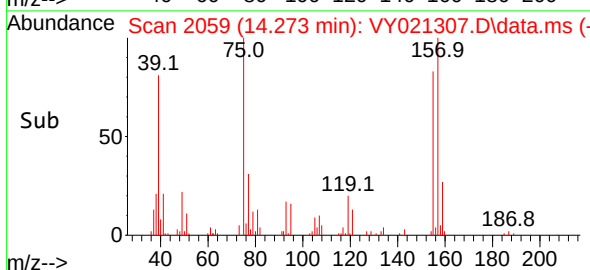
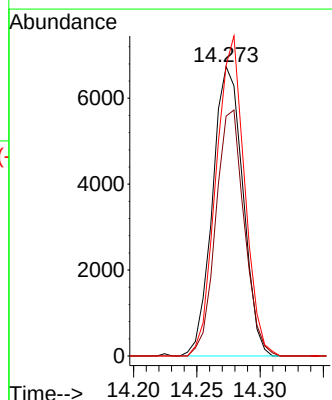
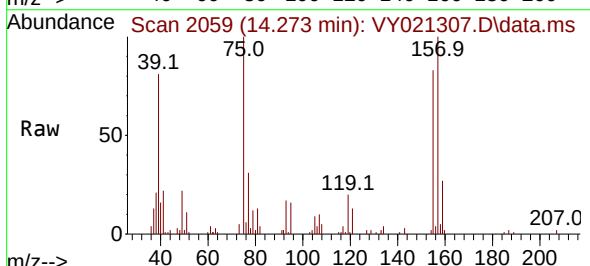
Tgt Ion: 75 Resp: 11236

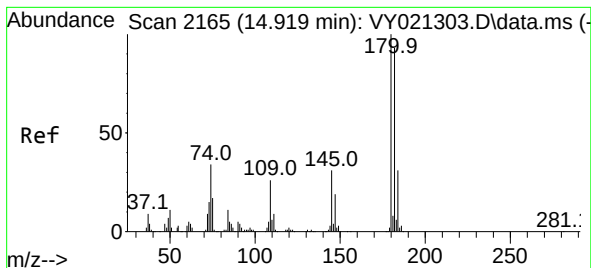
Ion Ratio Lower Upper

75 100

155 80.0 41.8 125.3

157 103.5 55.3 165.9





#93

1,2,4-Trichlorobenzene

Concen: 57.142 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

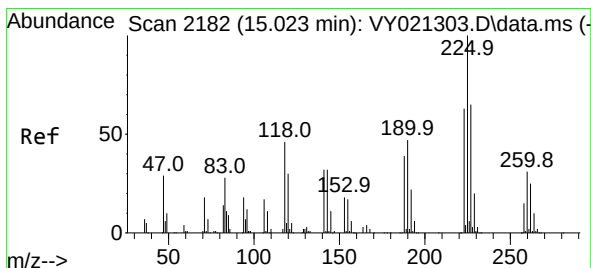
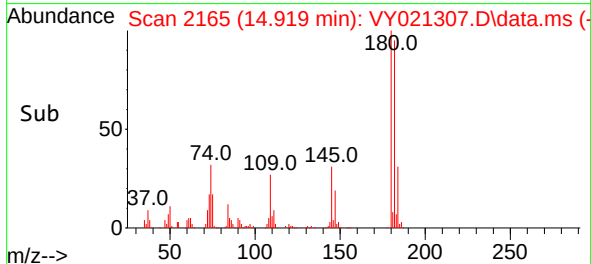
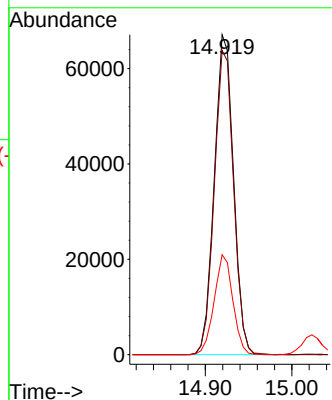
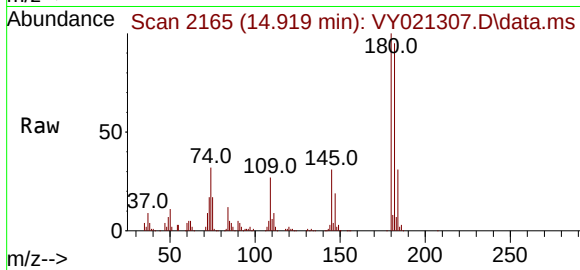
Tgt Ion:180 Resp: 103542

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 30.3 15.2 45.6



#94

Hexachlorobutadiene

Concen: 54.372 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

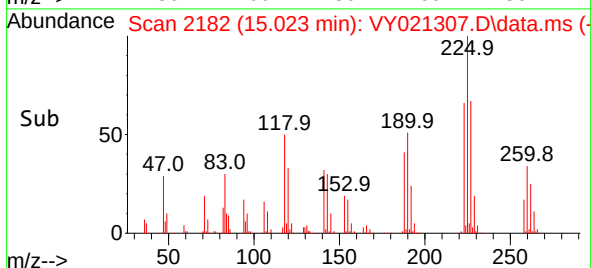
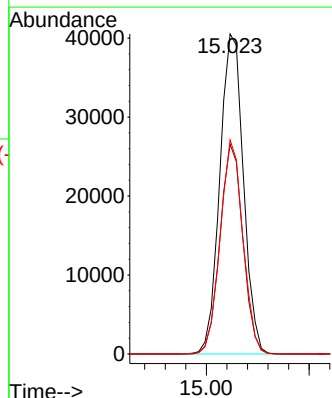
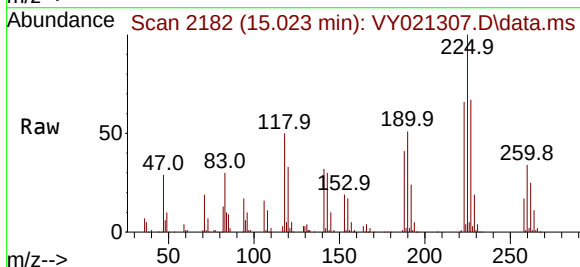
Tgt Ion:225 Resp: 64379

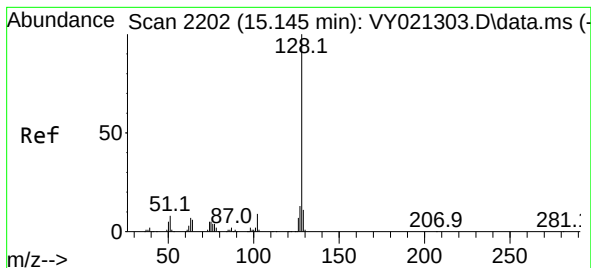
Ion Ratio Lower Upper

225 100

223 63.6 30.7 92.1

227 64.4 31.8 95.3





#95

Naphthalene

Concen: 59.343 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

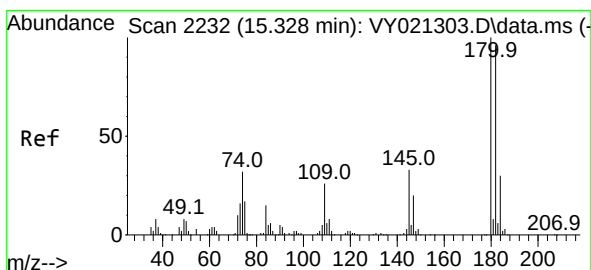
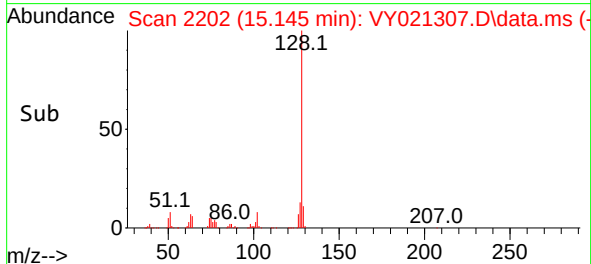
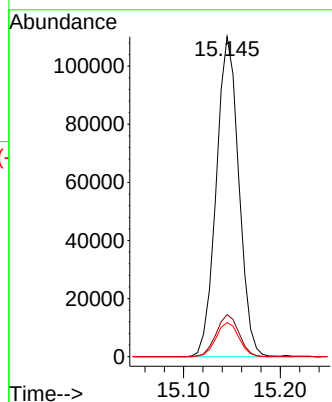
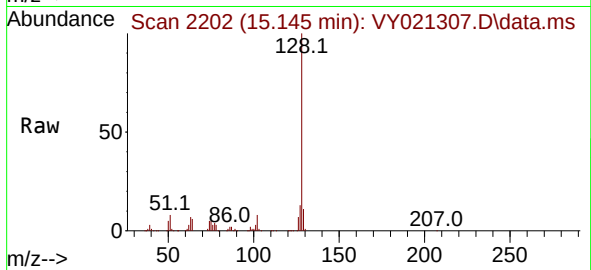
Tgt Ion:128 Resp: 178295

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 56.447 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021307.D

Acq: 24 Feb 2025 17:46

Tgt Ion:180 Resp: 87816

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 32.5 16.2 48.5

