

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040325\  
 Data File : VY021767.D  
 Acq On : 03 Apr 2025 12:27  
 Operator : SY/MD  
 Sample : VY0403SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0403SBSD01

Quant Time: Apr 04 01:30:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032725S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 28 02:30:29 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 206953   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 330176   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 290460   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 151135   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 120577   | 53.774   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 107.540% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 114450   | 53.436   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.880% |      |
| 50) Toluene-d8              | 10.109 | 98    | 434813   | 53.364   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 106.720% |      |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 148144   | 53.752   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 107.500% |      |

|                              |       |     |        |        |      |     |
|------------------------------|-------|-----|--------|--------|------|-----|
| Target Compounds             |       |     |        | Qvalue |      |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 41007  | 19.117 | ug/l | 99  |
| 3) Chloromethane             | 2.068 | 50  | 60425  | 20.034 | ug/l | 96  |
| 4) Vinyl Chloride            | 2.202 | 62  | 65669  | 19.252 | ug/l | 100 |
| 5) Bromomethane              | 2.592 | 94  | 45429  | 19.527 | ug/l | 94  |
| 6) Chloroethane              | 2.733 | 64  | 43379  | 19.435 | ug/l | 98  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 85274  | 19.515 | ug/l | 98  |
| 8) Diethyl Ether             | 3.452 | 74  | 22113  | 18.609 | ug/l | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 45645  | 19.806 | ug/l | 98  |
| 10) Methyl Iodide            | 4.007 | 142 | 47961  | 18.970 | ug/l | 100 |
| 11) Tert butyl alcohol       | 4.866 | 59  | 13147  | 90.269 | ug/l | 97  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 41987  | 19.342 | ug/l | 98  |
| 13) Acrolein                 | 3.647 | 56  | 17893  | 67.284 | ug/l | 100 |
| 14) Allyl chloride           | 4.379 | 41  | 67781  | 19.584 | ug/l | 100 |
| 15) Acrylonitrile            | 5.055 | 53  | 49009  | 98.778 | ug/l | 99  |
| 16) Acetone                  | 3.867 | 43  | 44836  | 97.702 | ug/l | 96  |
| 17) Carbon Disulfide         | 4.104 | 76  | 135849 | 19.000 | ug/l | 100 |
| 18) Methyl Acetate           | 4.385 | 43  | 22620  | 19.888 | ug/l | 97  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 104802 | 19.392 | ug/l | 98  |
| 20) Methylene Chloride       | 4.616 | 84  | 51868  | 20.843 | ug/l | 96  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 47203  | 19.750 | ug/l | 97  |
| 22) Diisopropyl ether        | 6.019 | 45  | 148938 | 20.514 | ug/l | 97  |
| 23) Vinyl Acetate            | 5.964 | 43  | 414288 | 97.540 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 88747  | 20.442 | ug/l | 97  |
| 25) 2-Butanone               | 6.897 | 43  | 63939  | 97.548 | ug/l | 97  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 76713  | 19.865 | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 54046  | 20.108 | ug/l | 100 |
| 28) Bromochloromethane       | 7.244 | 49  | 37486  | 20.474 | ug/l | 97  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 40503  | 96.014 | ug/l | 99  |
| 30) Chloroform               | 7.421 | 83  | 93552  | 20.718 | ug/l | 97  |
| 31) Cyclohexane              | 7.701 | 56  | 75496  | 19.077 | ug/l | 94  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 82842  | 20.299 | ug/l | 100 |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 64217  | 19.685 | ug/l | 99  |
| 37) Ethyl Acetate            | 6.982 | 43  | 27542  | 17.889 | ug/l | 98  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 74148  | 19.845 | ug/l | 98  |
| 39) Methylcyclohexane        | 9.110 | 83  | 72295  | 18.551 | ug/l | 96  |
| 40) Benzene                  | 8.079 | 78  | 197998 | 20.266 | ug/l | 99  |

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 Quant Title : SW846 8260  
 QLast Update : Fri Mar 28 02:30:29 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.220  | 41   | 14845    | 18.156  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 53917    | 19.576  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 55558    | 19.042  | ug/l   | 100      |
| 44) Trichloroethene           | 8.866  | 130  | 50812    | 20.413  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 45905    | 19.850  | ug/l   | 97       |
| 46) Dibromomethane            | 9.231  | 93   | 26619    | 19.973  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.420  | 83   | 69081    | 20.003  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.219  | 41   | 25458    | 19.011  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 5837     | 408.824 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 144024   | 94.855  | ug/l   | 99       |
| 52) Toluene                   | 10.170 | 92   | 124006   | 20.344  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 59949    | 19.544  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 71637    | 19.796  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 34016    | 19.833  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.439 | 69   | 40692    | 18.581  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 59895    | 20.220  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 100636   | 94.196  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.762 | 43   | 94957    | 93.905  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.908 | 129  | 47584    | 20.320  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 31736    | 19.725  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.646 | 164  | 55572    | 21.007  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.444 | 112  | 134375   | 20.182  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 47819    | 20.242  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.518 | 91   | 224229   | 19.639  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 175574   | 40.158  | ug/l   | 100      |
| 69) o-Xylene                  | 11.957 | 106  | 80349    | 19.909  | ug/l   | 100      |
| 70) Styrene                   | 11.969 | 104  | 135130   | 20.082  | ug/l   | 100      |
| 71) Bromoform                 | 12.133 | 173  | 26886    | 19.952  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.255 | 105  | 210404   | 18.744  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 46990    | 17.836  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 35894    | 17.785  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 51416    | 34.320  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 51963    | 19.280  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.597 | 91   | 265097   | 19.643  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 152039   | 19.397  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 178205   | 19.424  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 11977    | 18.421  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 159765   | 19.550  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 154476   | 18.904  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 177024   | 19.523  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.176 | 105  | 231107   | 19.352  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 192480   | 19.501  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 105187   | 19.809  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 102985   | 19.630  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.615 | 91   | 173191   | 18.974  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.883 | 117  | 41078    | 18.992  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.658 | 146  | 90950    | 19.676  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 5733     | 18.328  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 49775    | 19.857  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 31852    | 20.346  | ug/l   | 96       |
| 95) Naphthalene               | 15.145 | 128  | 75684    | 18.215  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 40825    | 19.098  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Fri Mar 28 02:30:29 2025  
Response via : Initial Calibration

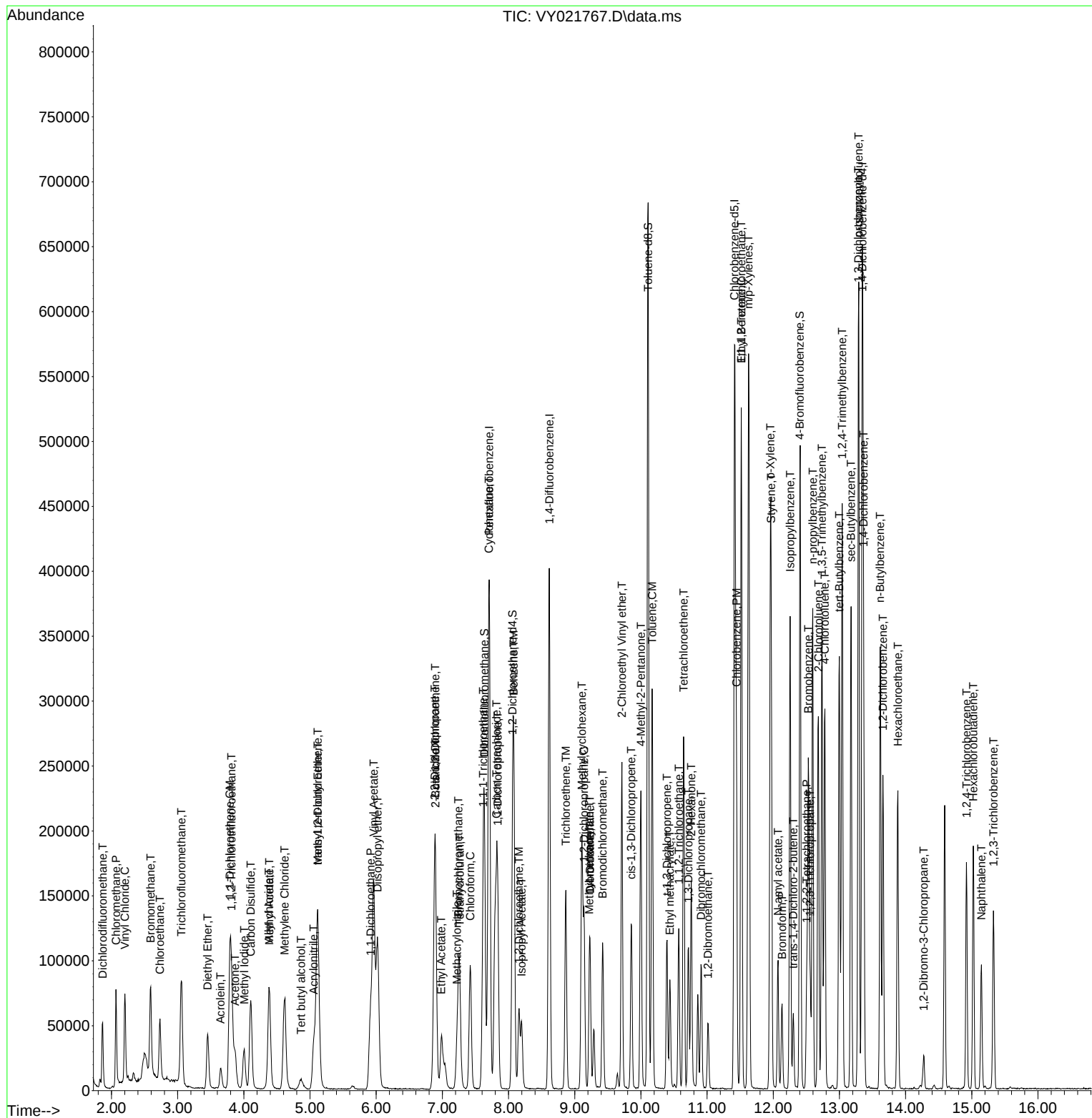
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

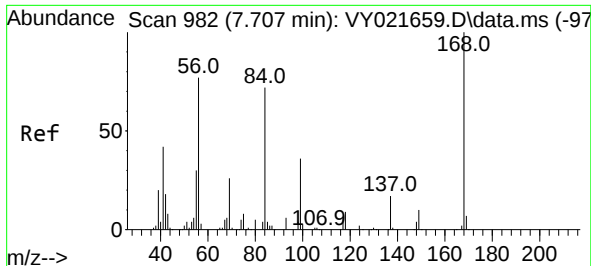
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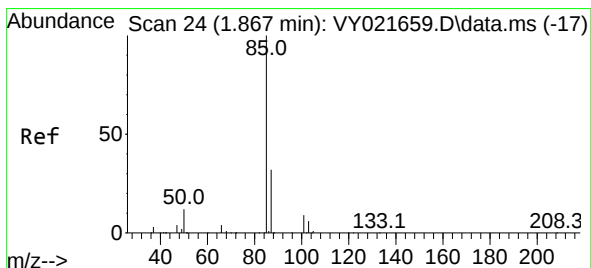
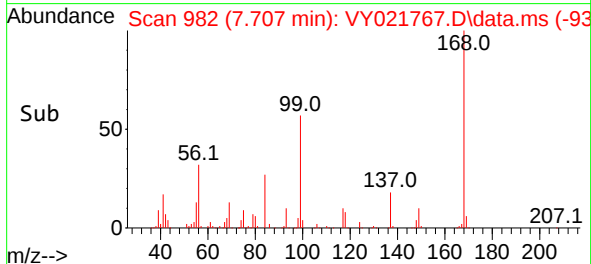
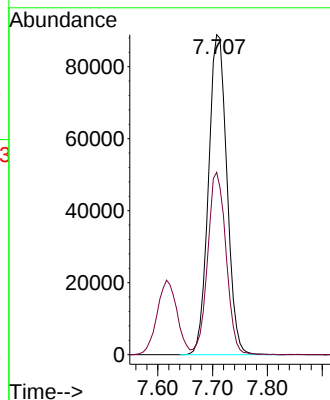
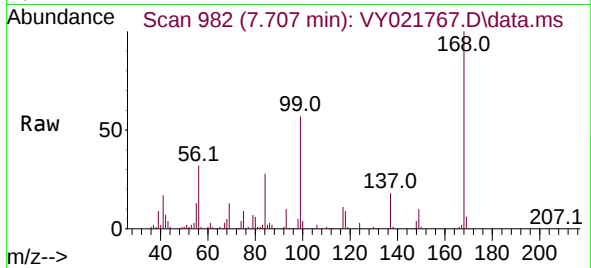




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

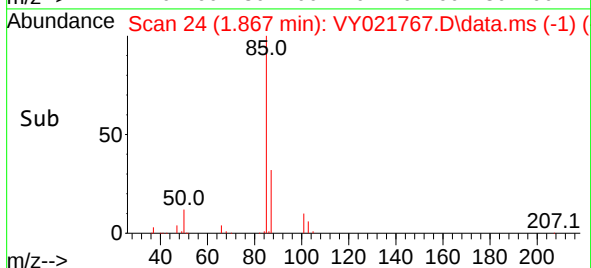
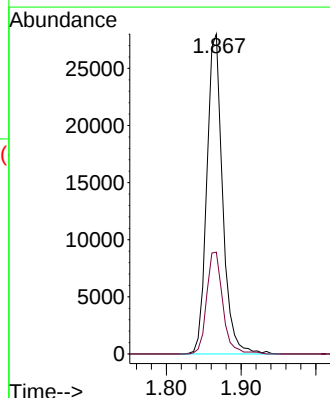
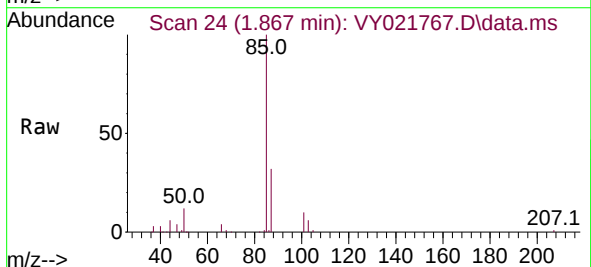
Instrument :  
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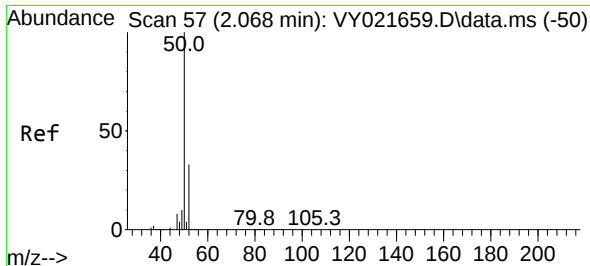
Tgt Ion:168 Resp: 206953  
Ion Ratio Lower Upper  
168 100  
99 57.0 46.7 70.1



#2  
Dichlorodifluoromethane  
Concen: 19.117 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 85 Resp: 41007  
Ion Ratio Lower Upper  
85 100  
87 31.8 16.2 48.6

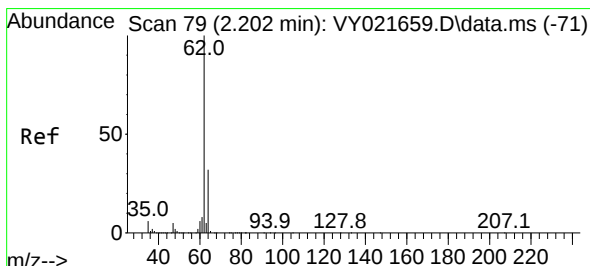
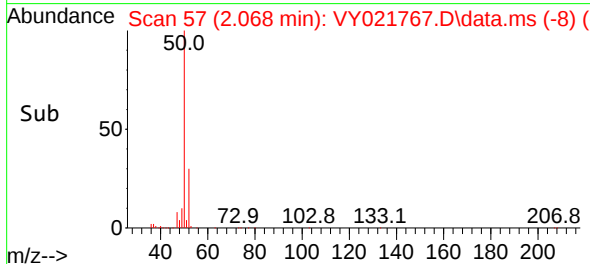
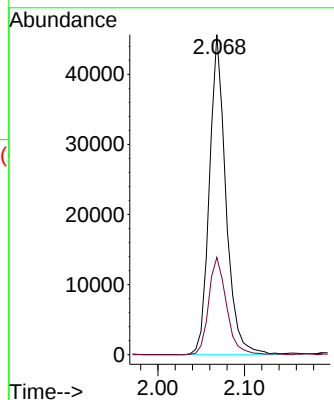
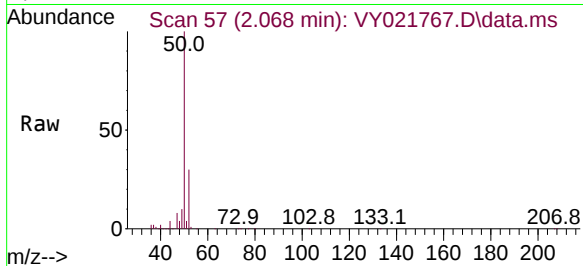




#3  
Chloromethane  
Concen: 20.034 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

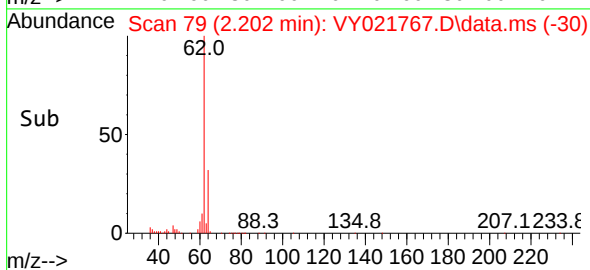
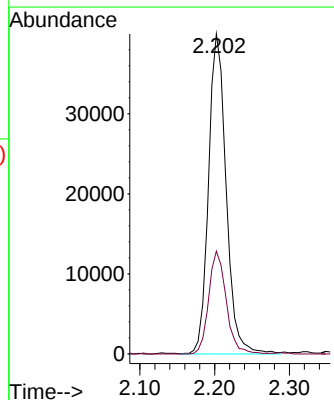
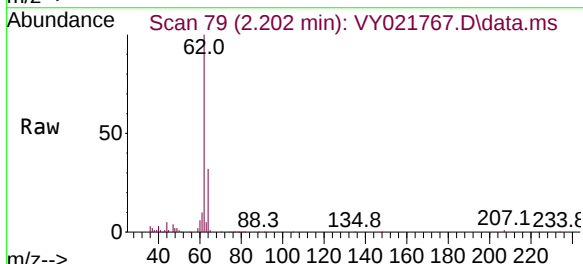
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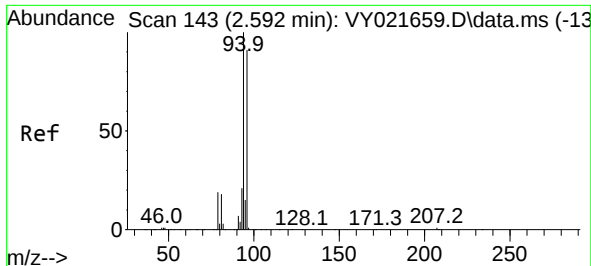
Tgt Ion: 50 Resp: 60425  
Ion Ratio Lower Upper  
50 100  
52 30.4 26.3 39.5



#4  
Vinyl Chloride  
Concen: 19.252 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 62 Resp: 65669  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.5 38.3

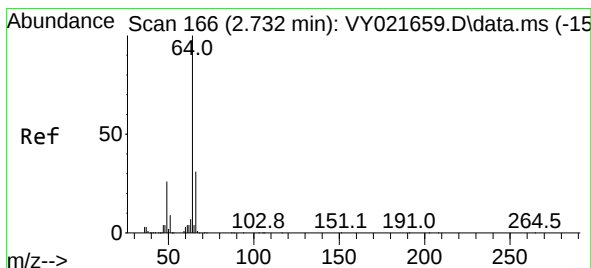
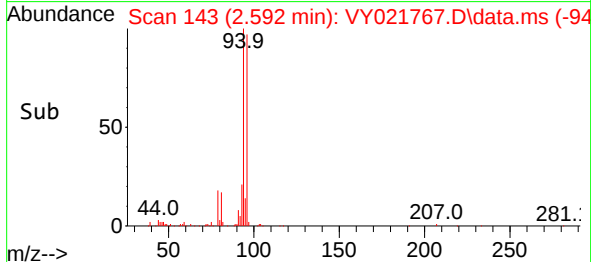
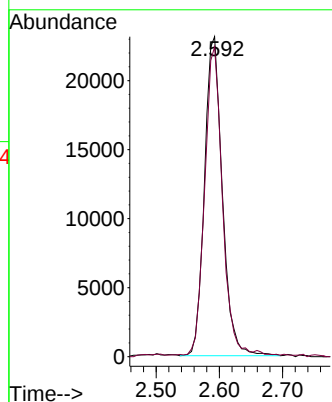
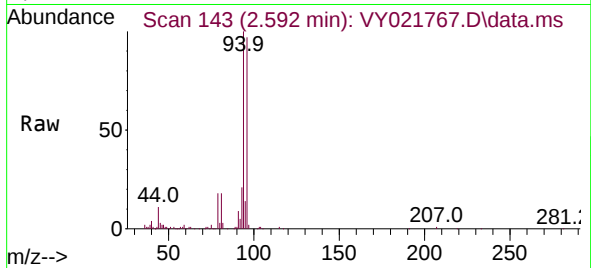




#5  
Bromomethane  
Concen: 19.527 ug/l  
RT: 2.592 min Scan# 143  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

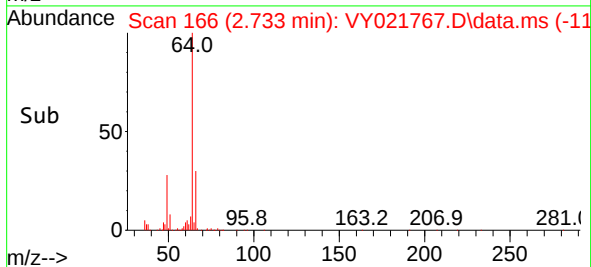
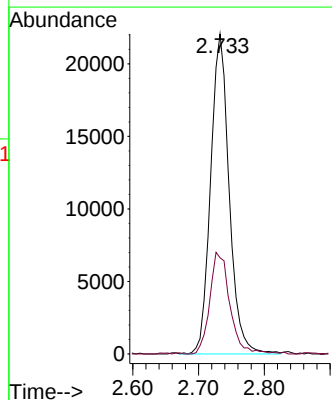
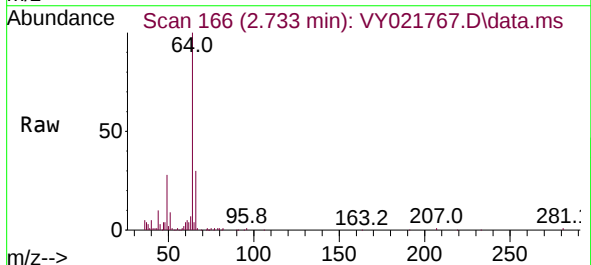
Instrument :  
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VY0403SBS01

Tgt Ion: 94 Resp: 45429  
Ion Ratio Lower Upper  
94 100  
96 96.6 72.8 109.2



#6  
Chloroethane  
Concen: 19.435 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 64 Resp: 43379  
Ion Ratio Lower Upper  
64 100  
66 29.8 24.9 37.3

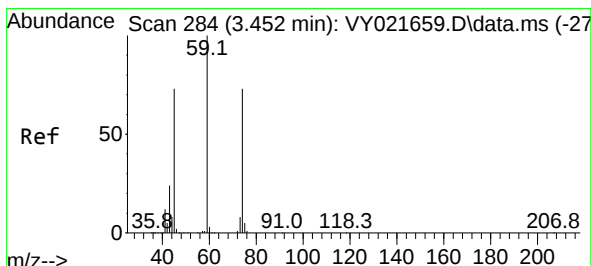
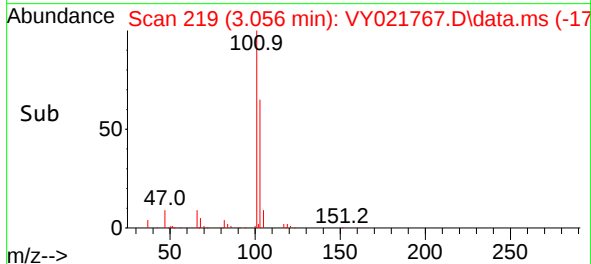
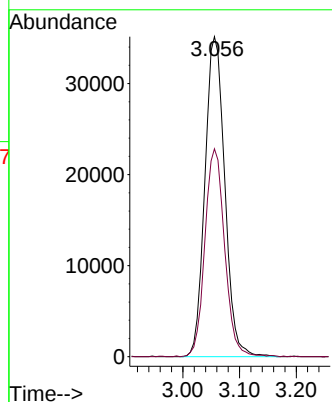
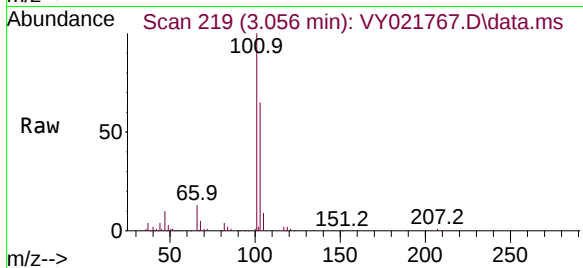




#7  
Trichlorofluoromethane  
Concen: 19.515 ug/l  
RT: 3.056 min Scan# 219  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

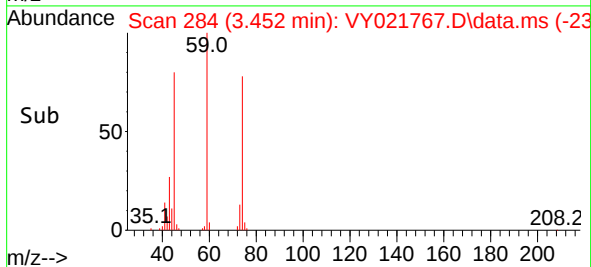
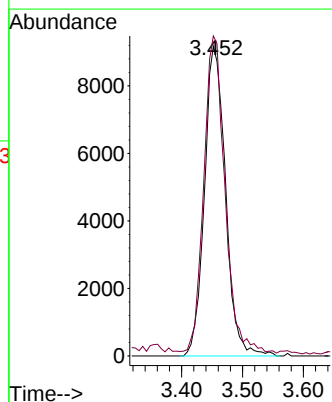
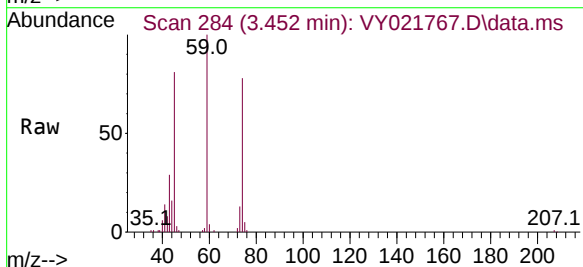
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBS01

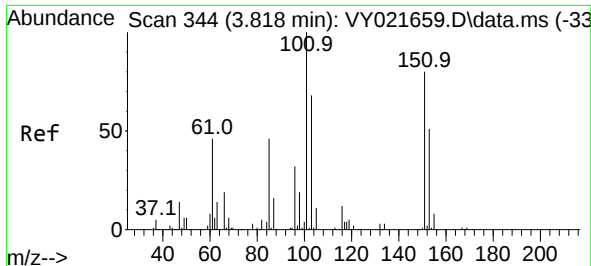
Tgt Ion:101 Resp: 85274  
Ion Ratio Lower Upper  
101 100  
103 64.9 53.1 79.7



#8  
Diethyl Ether  
Concen: 18.609 ug/l  
RT: 3.452 min Scan# 284  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 74 Resp: 22113  
Ion Ratio Lower Upper  
74 100  
45 102.3 48.6 145.8

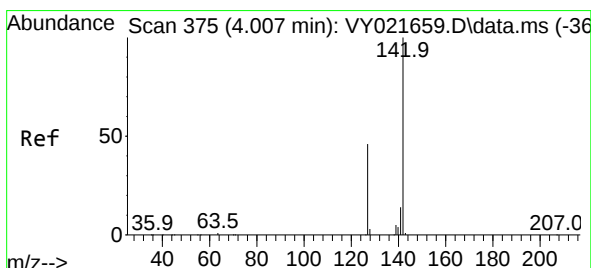
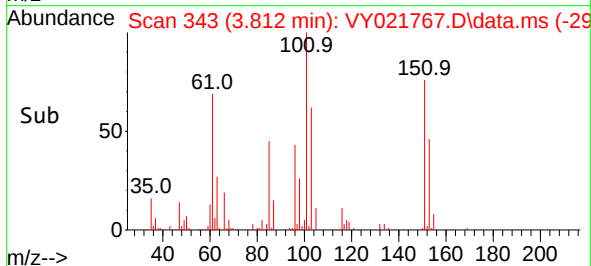
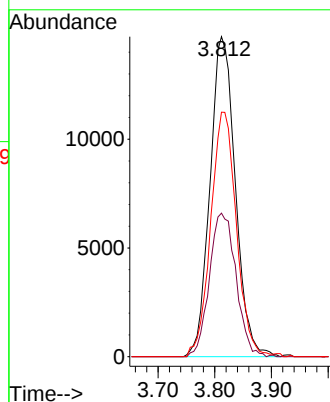
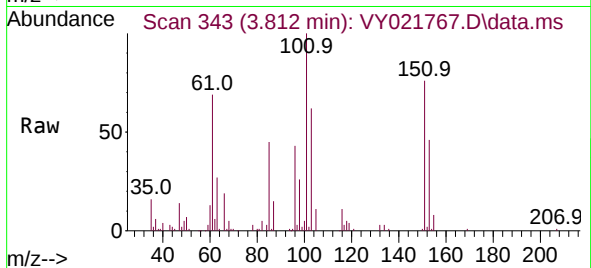




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.806 ug/l  
RT: 3.812 min Scan# 344  
Delta R.T. -0.006 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

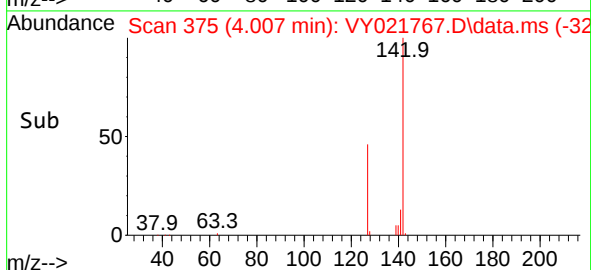
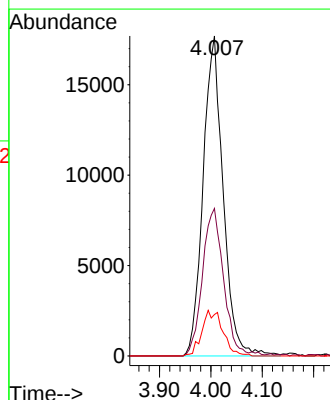
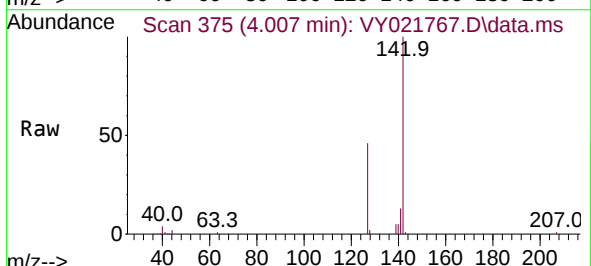
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBS01

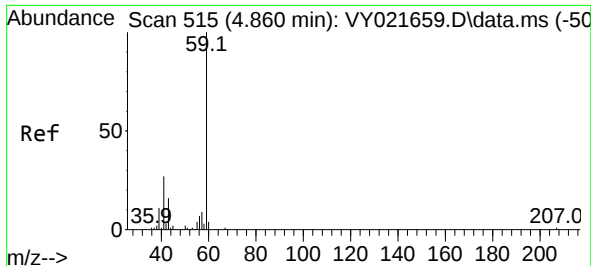
Tgt Ion:101 Resp: 45645  
Ion Ratio Lower Upper  
101 100  
85 47.1 36.3 54.5  
151 77.7 61.3 91.9



#10  
Methyl Iodide  
Concen: 18.970 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion:142 Resp: 47961  
Ion Ratio Lower Upper  
142 100  
127 48.2 38.7 58.1  
141 14.9 11.5 17.3

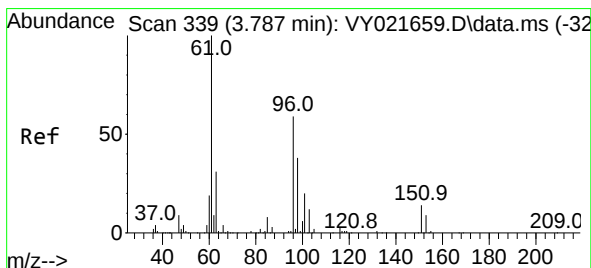
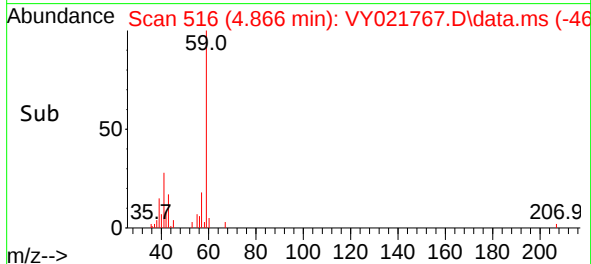
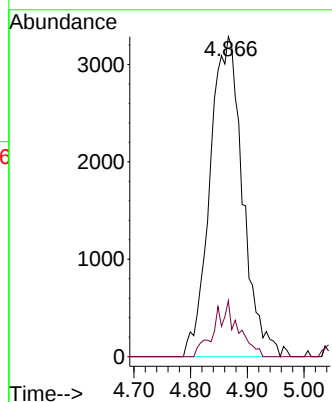
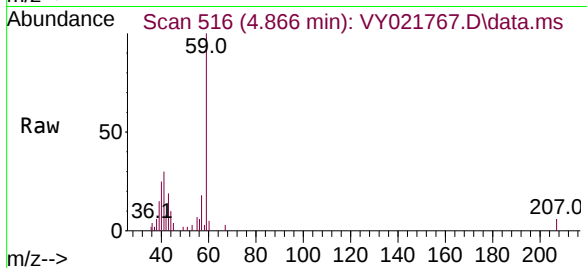




#11  
Tert butyl alcohol  
Concen: 90.269 ug/l  
RT: 4.866 min Scan# 515  
Delta R.T. 0.006 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

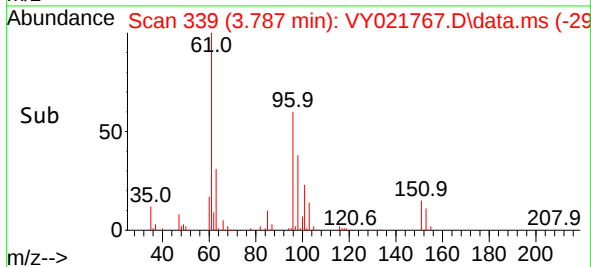
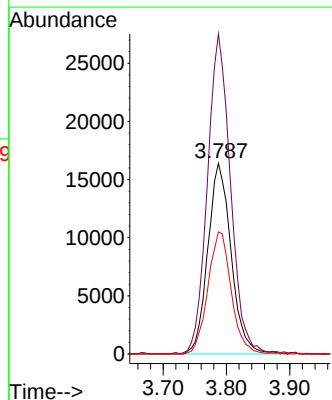
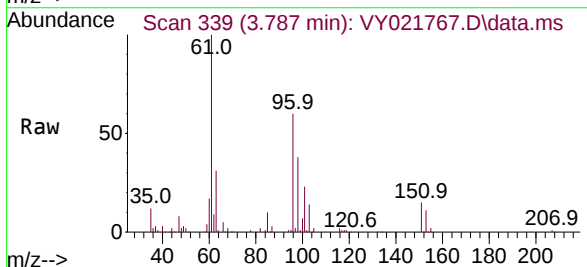
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBS01

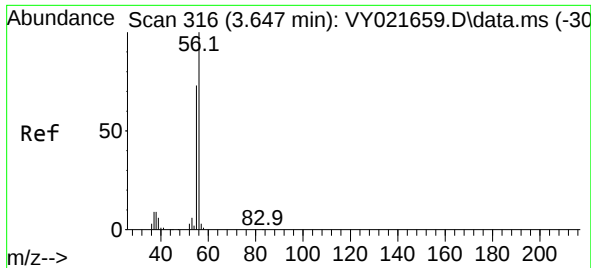
Tgt Ion: 59 Resp: 13147  
Ion Ratio Lower Upper  
59 100  
57 12.7 9.2 13.8



#12  
1,1-Dichloroethene  
Concen: 19.342 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 96 Resp: 41987  
Ion Ratio Lower Upper  
96 100  
61 167.7 136.6 204.8  
98 64.0 52.3 78.5





#13

Acrolein

Concen: 67.284 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

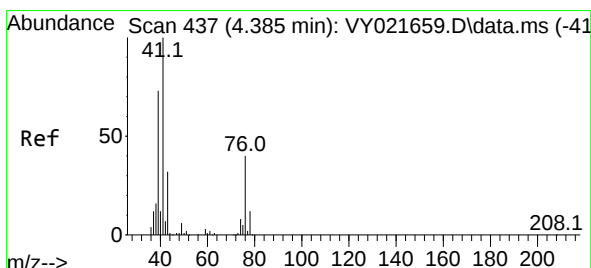
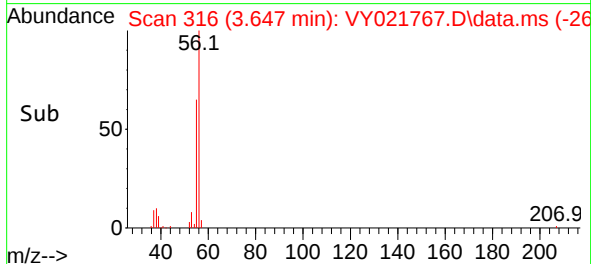
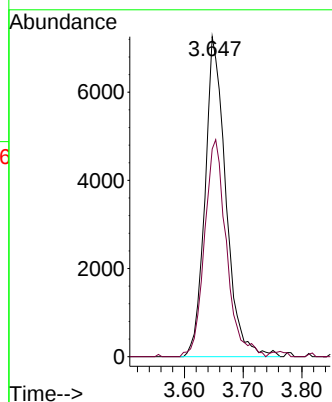
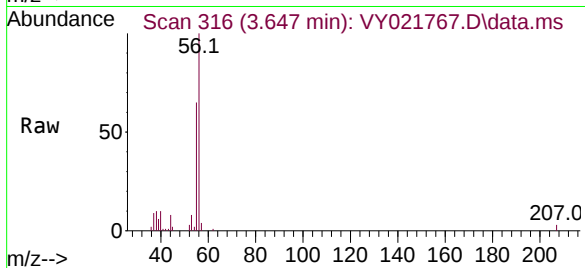
VY0403SBSD01

Tgt Ion: 56 Resp: 17893

Ion Ratio Lower Upper

56 100

55 71.1 56.6 85.0



#14

Allyl chloride

Concen: 19.584 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

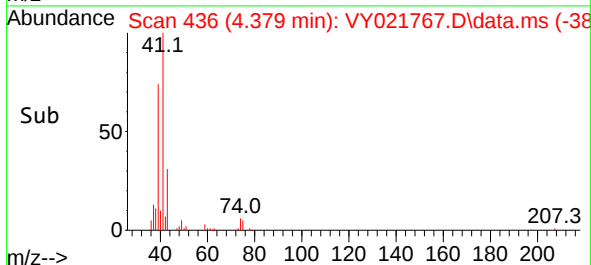
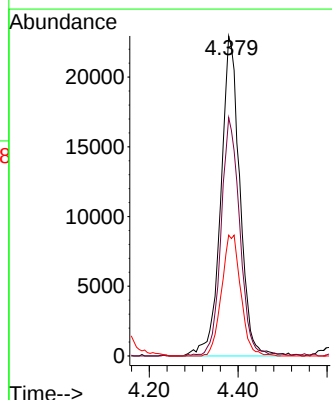
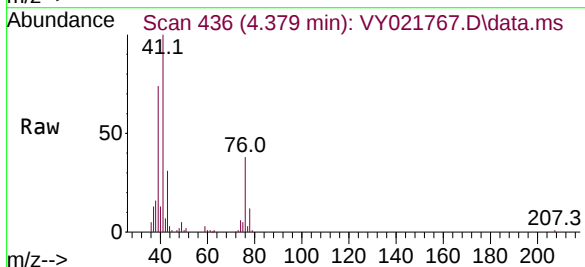
Tgt Ion: 41 Resp: 67781

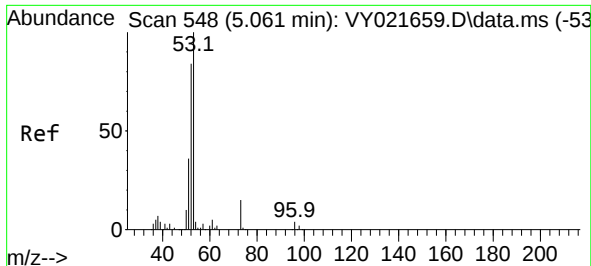
Ion Ratio Lower Upper

41 100

39 73.1 58.6 88.0

76 38.3 30.3 45.5

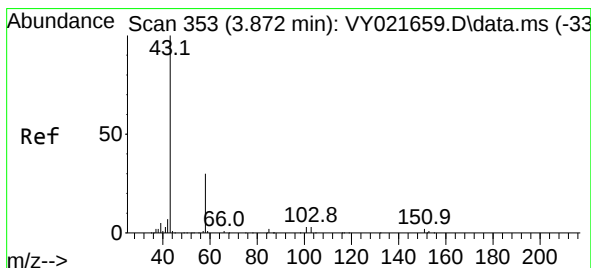
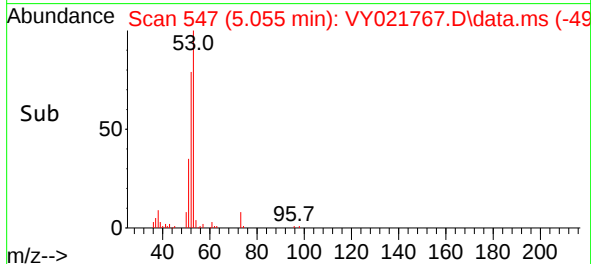
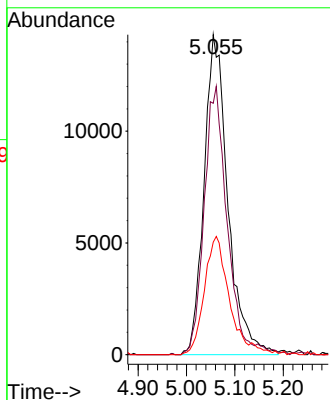
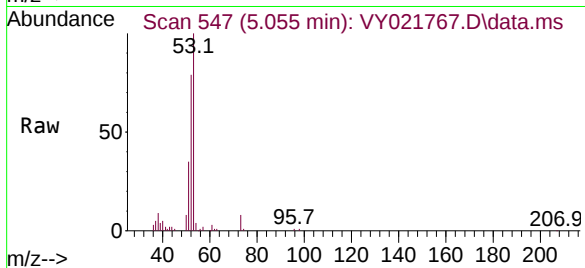




#15  
Acrylonitrile  
Concen: 98.778 ug/l  
RT: 5.055 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

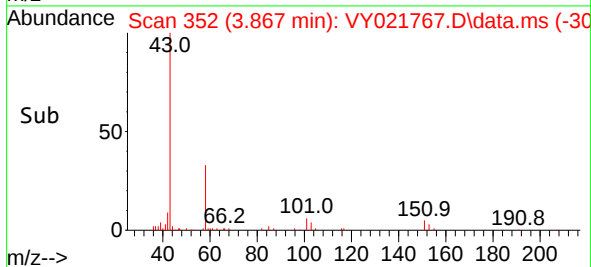
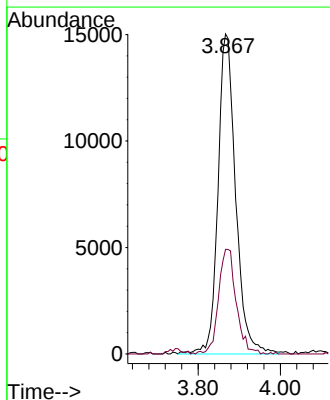
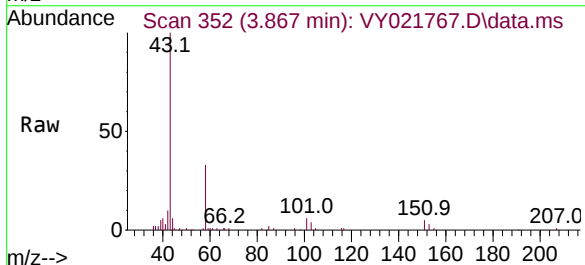
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

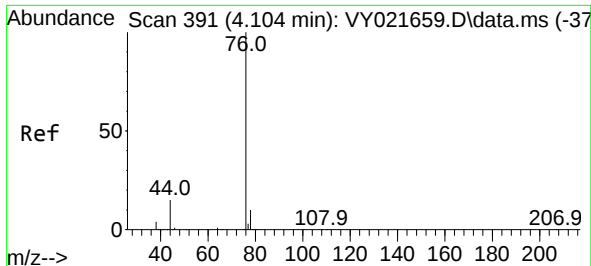
Tgt Ion: 53 Resp: 49009  
Ion Ratio Lower Upper  
53 100  
52 81.4 64.9 97.3  
51 39.3 30.2 45.2



#16  
Acetone  
Concen: 97.702 ug/l  
RT: 3.867 min Scan# 352  
Delta R.T. -0.006 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 43 Resp: 44836  
Ion Ratio Lower Upper  
43 100  
58 32.7 24.2 36.4

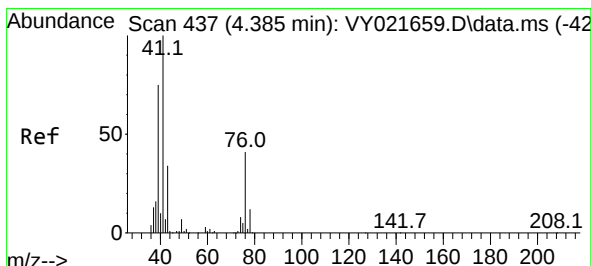
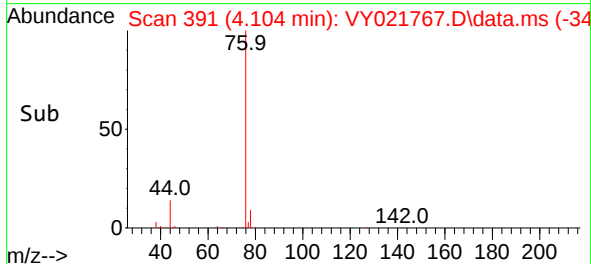
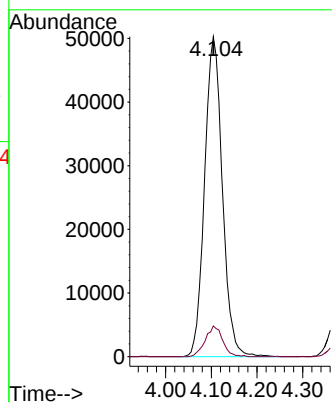
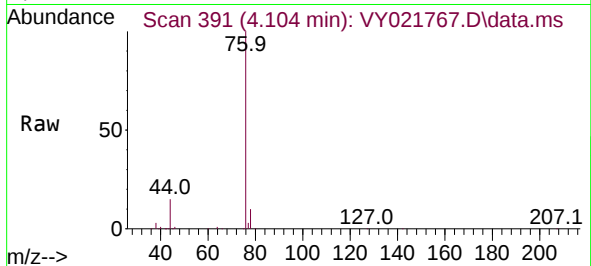




#17  
Carbon Disulfide  
Concen: 19.000 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

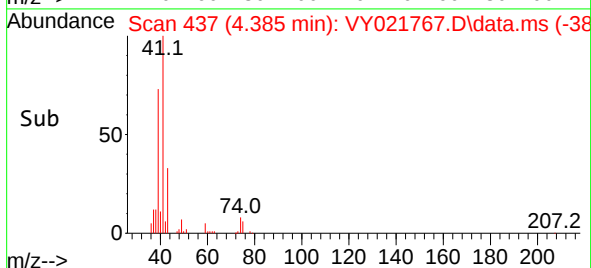
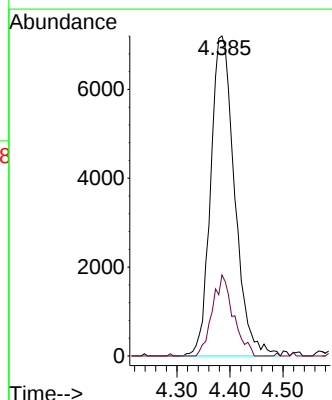
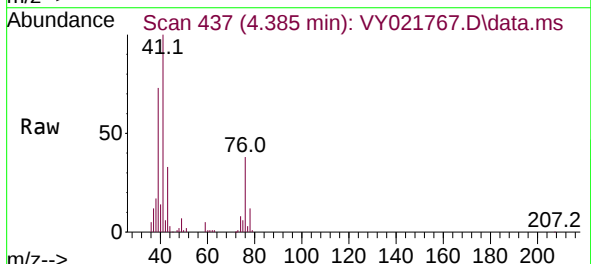
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

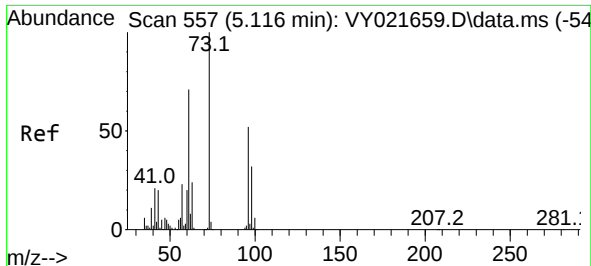
Tgt Ion: 76 Resp: 135849  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.6 11.4



#18  
Methyl Acetate  
Concen: 19.888 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 43 Resp: 22620  
Ion Ratio Lower Upper  
43 100  
74 22.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.392 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

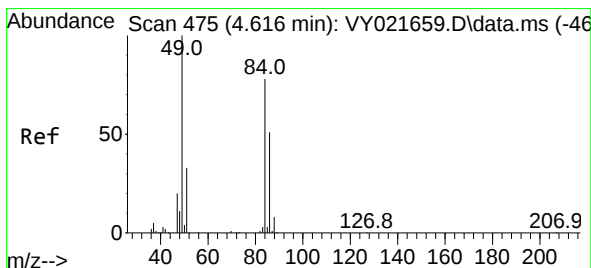
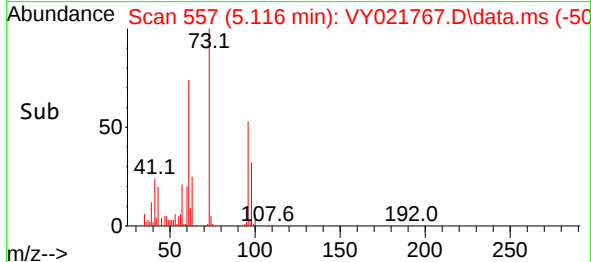
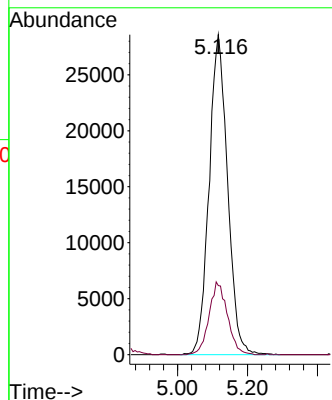
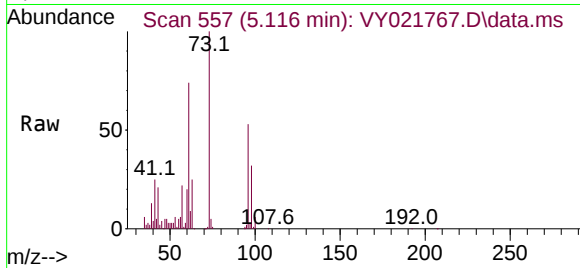
VY0403SBS01

Tgt Ion: 73 Resp: 104802

Ion Ratio Lower Upper

73 100

57 21.6 18.1 27.1



#20

Methylene Chloride

Concen: 20.843 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Tgt Ion: 84 Resp: 51868

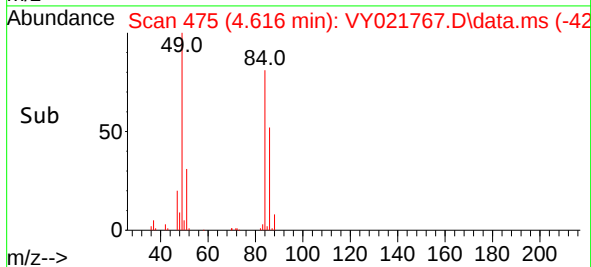
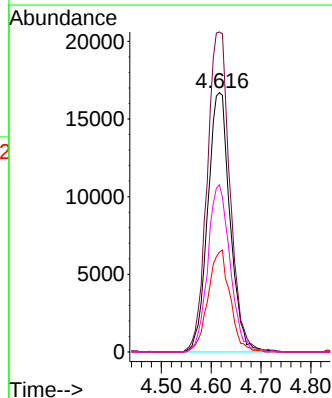
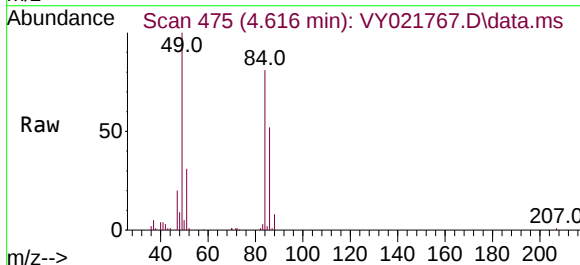
Ion Ratio Lower Upper

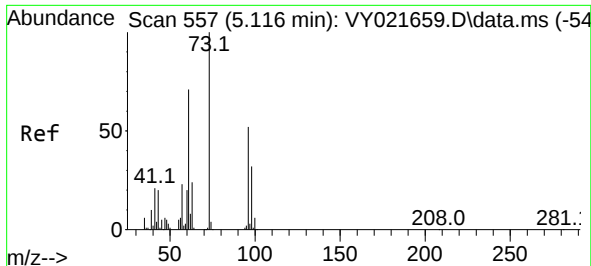
84 100

49 123.4 102.8 154.2

51 38.5 33.5 50.3

86 64.5 52.0 78.0

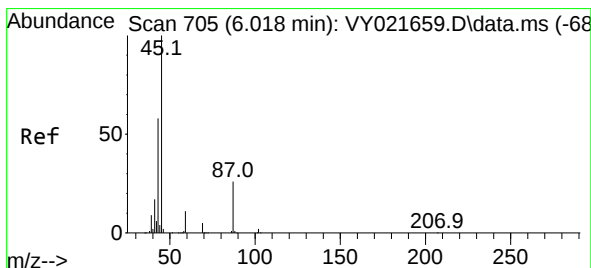
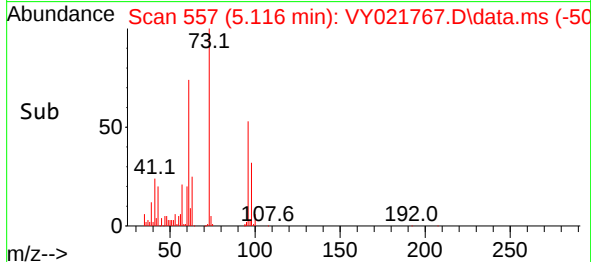
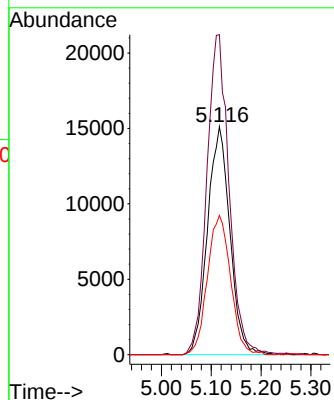
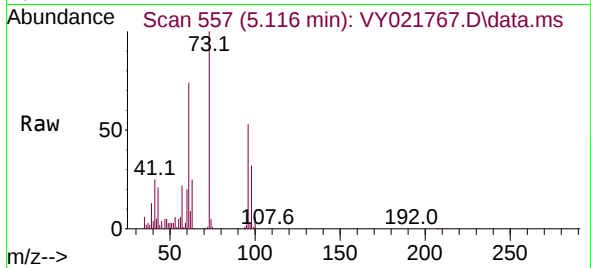




#21  
trans-1,2-Dichloroethene  
Concen: 19.750 ug/l  
RT: 5.116 min Scan# 5116  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

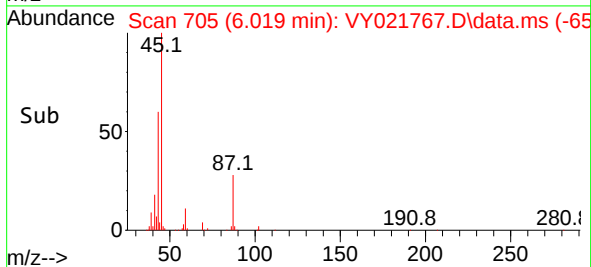
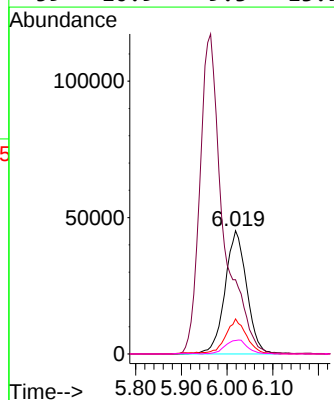
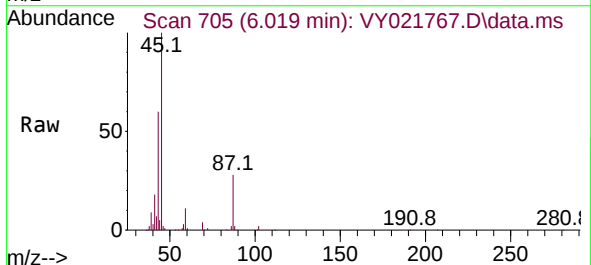
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

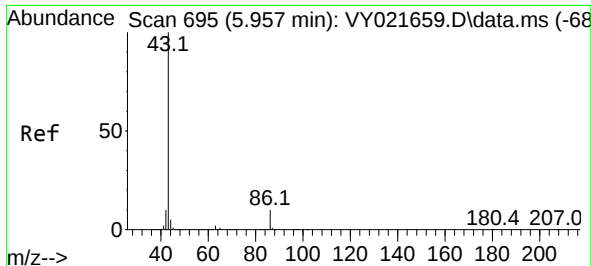
Tgt Ion: 96 Resp: 47203  
Ion Ratio Lower Upper  
96 100  
61 140.4 109.4 164.0  
98 61.1 50.2 75.2



#22  
Diisopropyl ether  
Concen: 20.514 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 45 Resp: 148938  
Ion Ratio Lower Upper  
45 100  
43 59.7 46.6 69.8  
87 28.4 20.7 31.1  
59 10.9 9.3 13.9

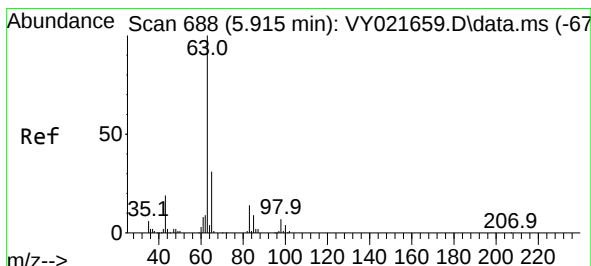
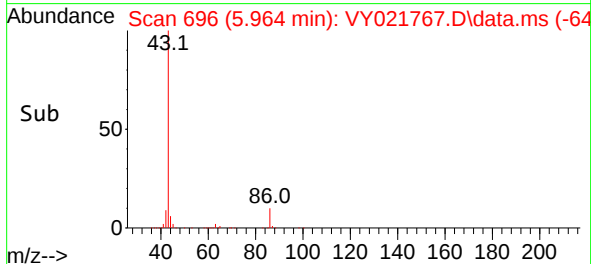
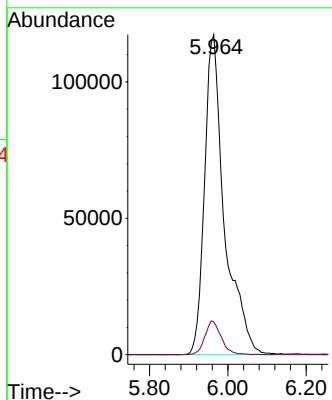
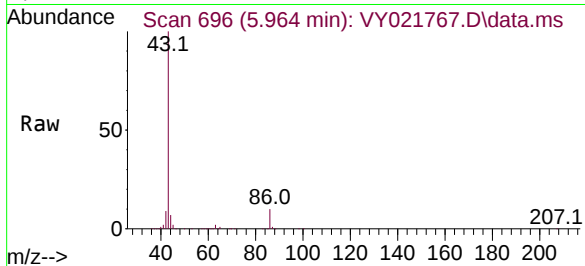




#23  
 Vinyl Acetate  
 Concen: 97.540 ug/l  
 RT: 5.964 min Scan# 695  
 Delta R.T. 0.006 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

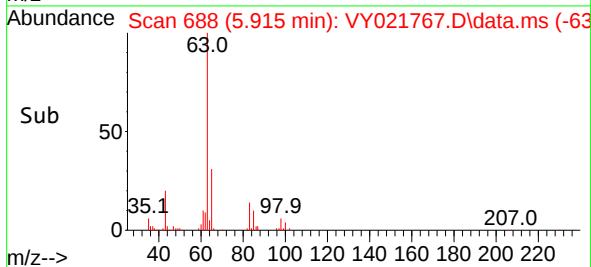
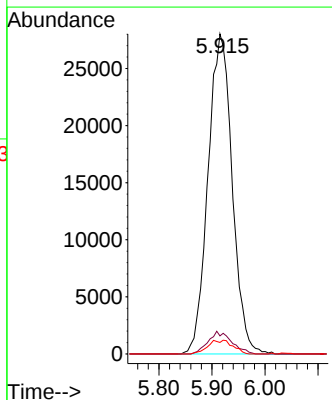
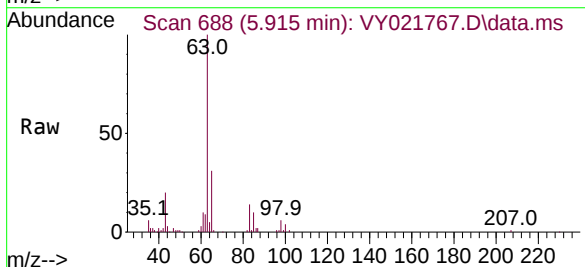
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0403SBS01

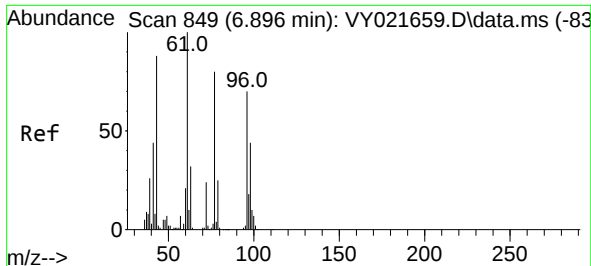
Tgt Ion: 43 Resp: 414288  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 20.442 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

Tgt Ion: 63 Resp: 88747  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.5 10.5  
 100 3.6 2.2 6.6

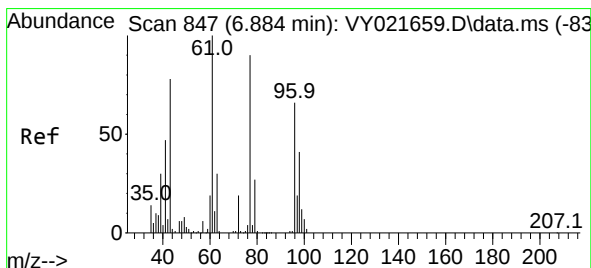
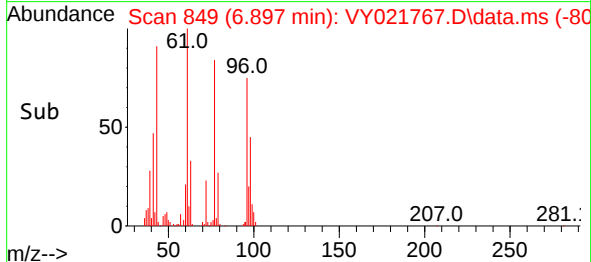
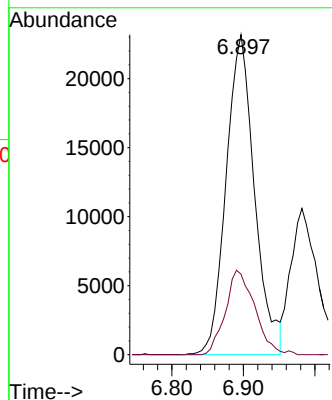
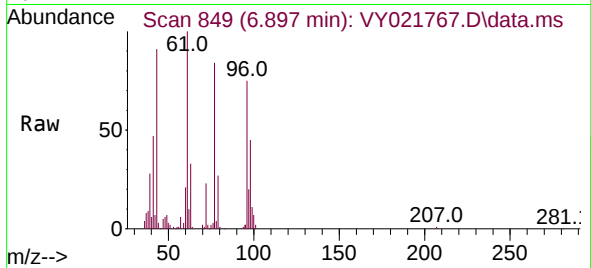




#25  
2-Butanone  
Concen: 97.548 ug/l  
RT: 6.897 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

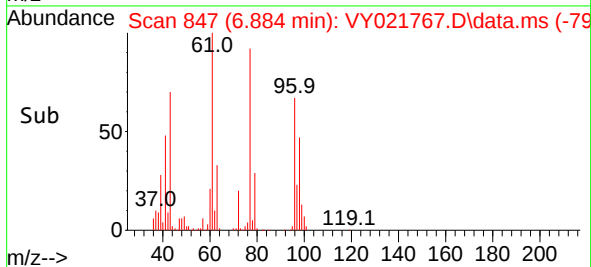
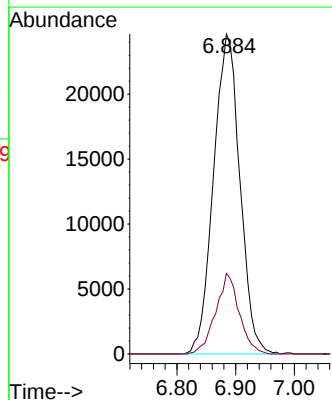
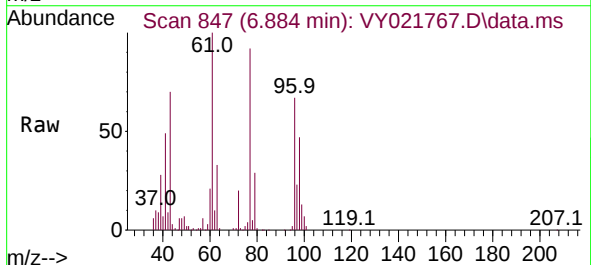
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

Tgt Ion: 43 Resp: 63939  
Ion Ratio Lower Upper  
43 100  
72 25.1 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 19.865 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 77 Resp: 76713  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.108 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBS01

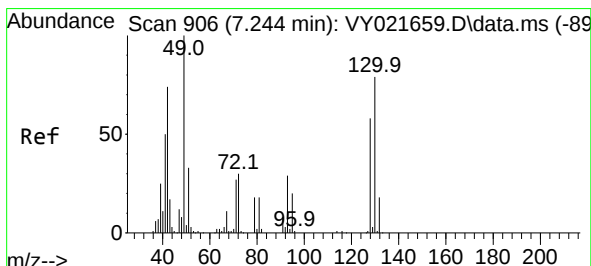
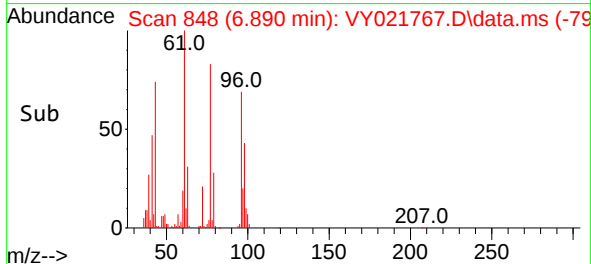
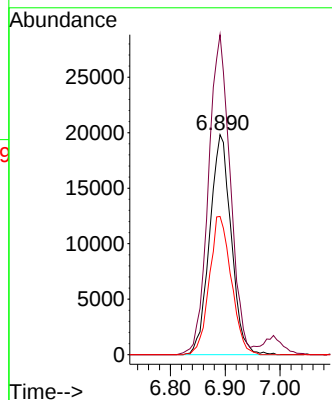
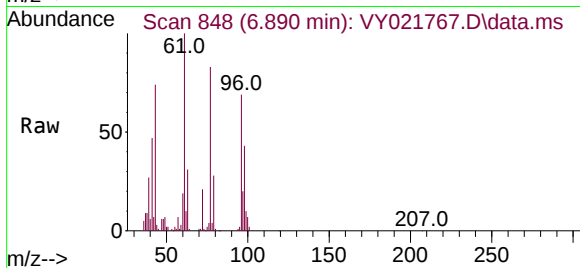
Tgt Ion: 96 Resp: 54046

Ion Ratio Lower Upper

96 100

61 147.9 0.0 296.4

98 63.9 0.0 128.0



#28

Bromochloromethane

Concen: 20.474 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

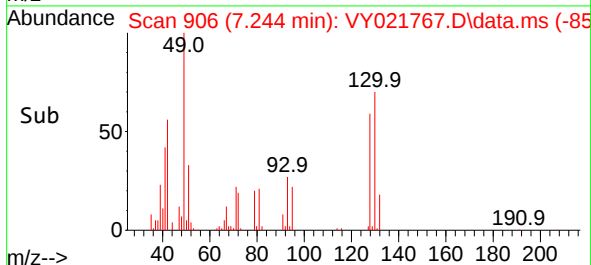
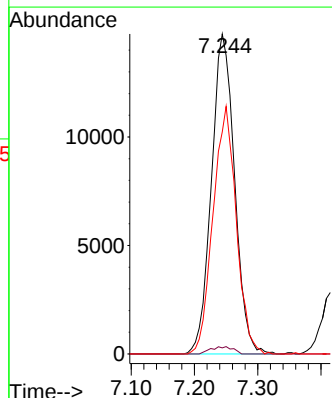
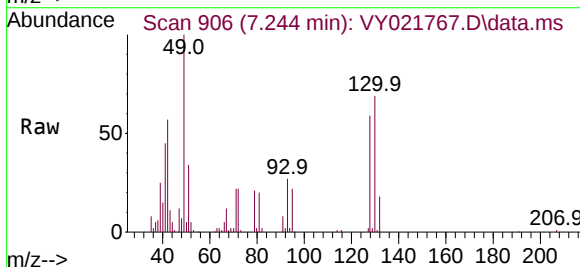
Tgt Ion: 49 Resp: 37486

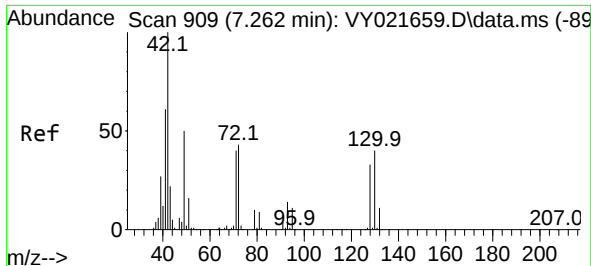
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 77.5 60.1 90.1





#29

Tetrahydrofuran

Concen: 96.014 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01

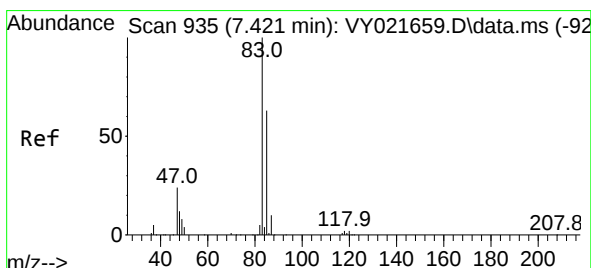
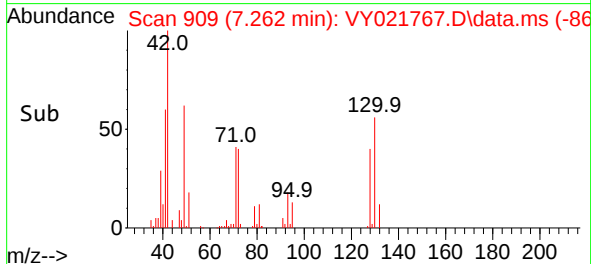
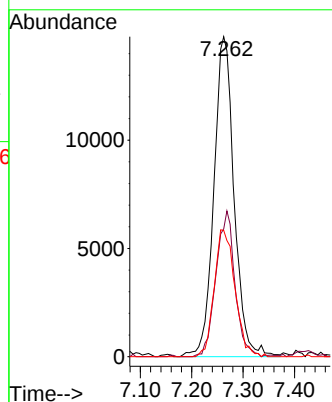
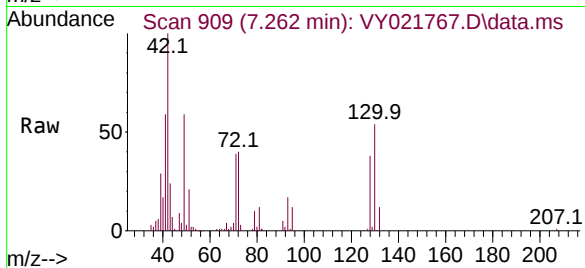
Tgt Ion: 42 Resp: 40503

Ion Ratio Lower Upper

42 100

72 42.5 34.6 52.0

71 40.6 32.5 48.7



#30

Chloroform

Concen: 20.718 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021767.D

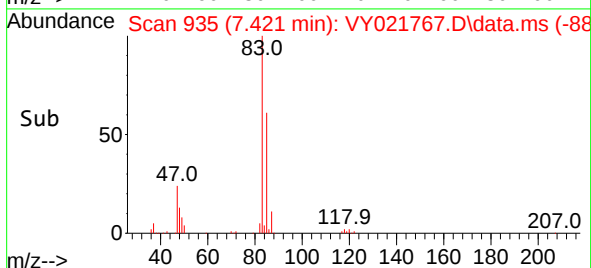
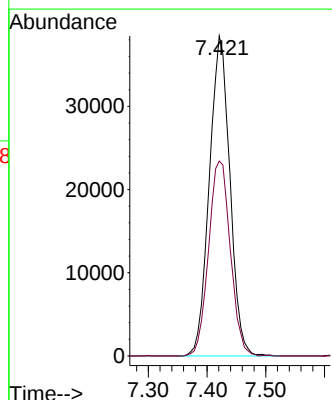
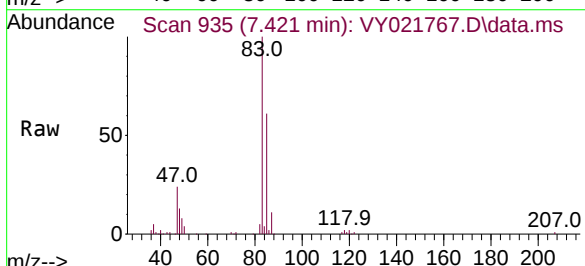
Acq: 03 Apr 2025 12:27

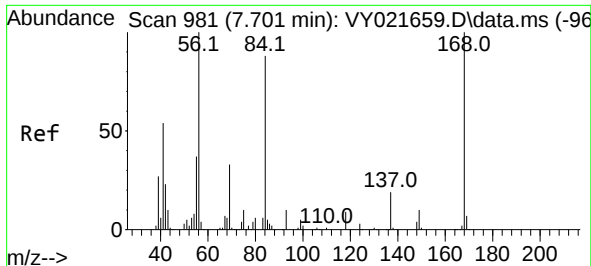
Tgt Ion: 83 Resp: 93552

Ion Ratio Lower Upper

83 100

85 60.9 50.6 75.8

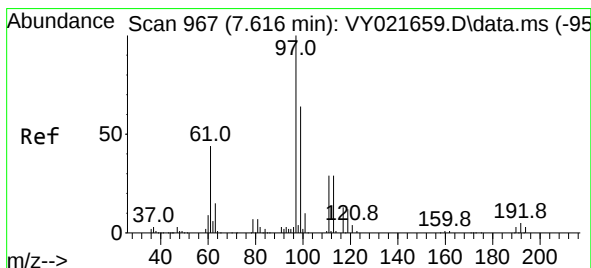
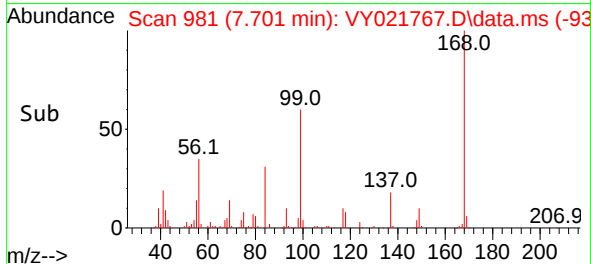
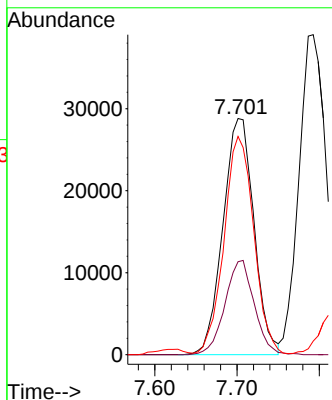
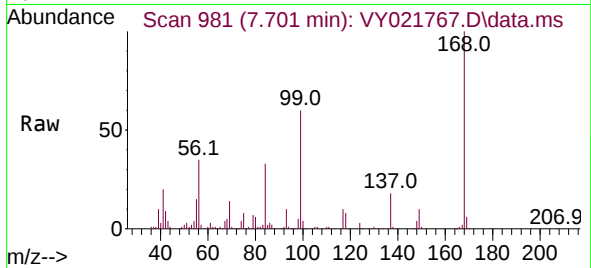




#31  
Cyclohexane  
Concen: 19.077 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

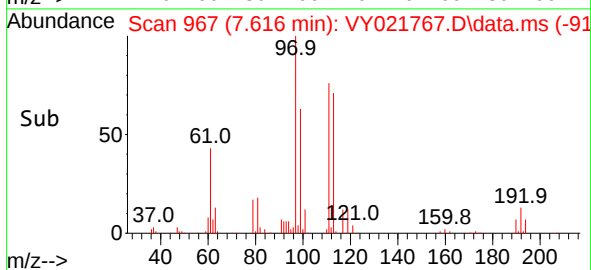
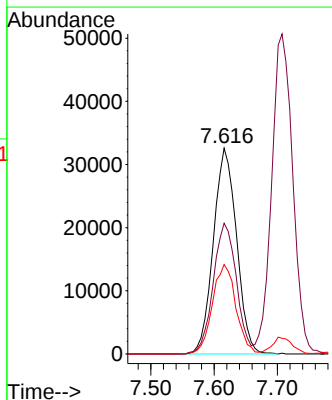
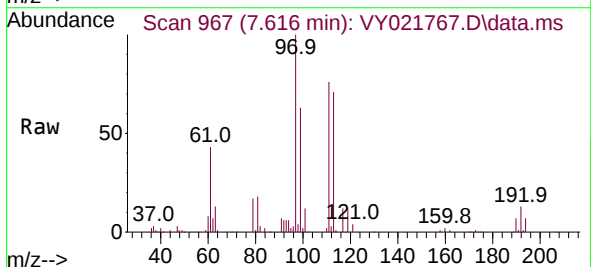
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

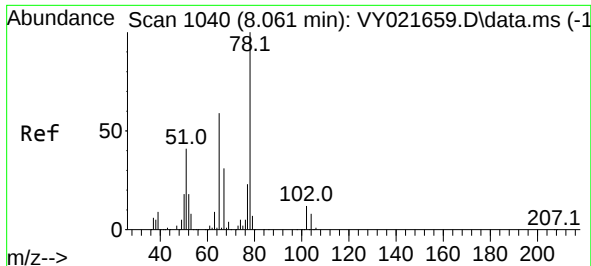
Tgt Ion: 56 Resp: 75496  
Ion Ratio Lower Upper  
56 100  
69 39.4 26.6 40.0  
84 90.1 69.0 103.4



#32  
1,1,1-Trichloroethane  
Concen: 20.299 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 97 Resp: 82842  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.7 76.1  
61 44.2 35.2 52.8

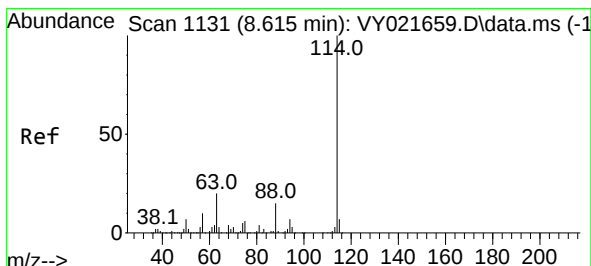
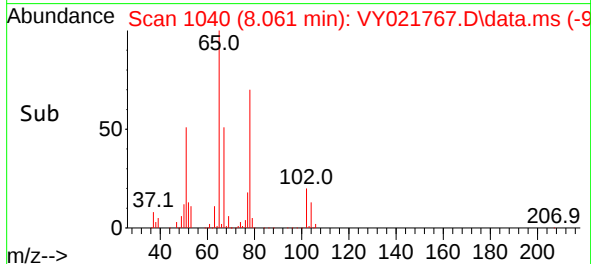
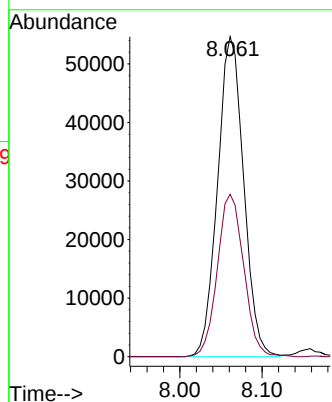
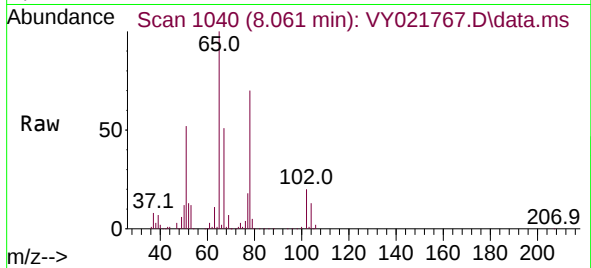




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.774 ug/l  
 RT: 8.061 min Scan# 1104  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

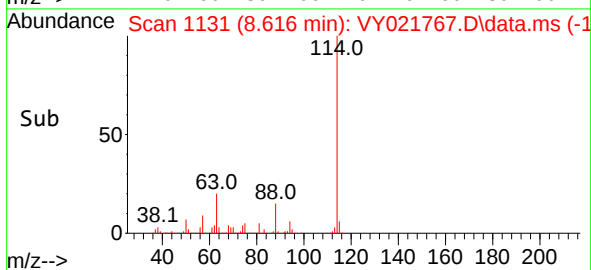
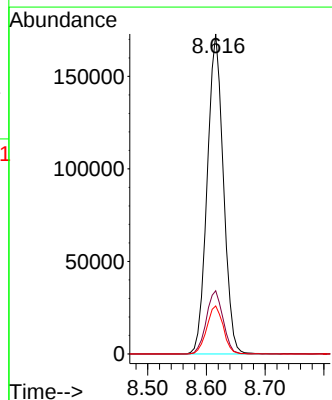
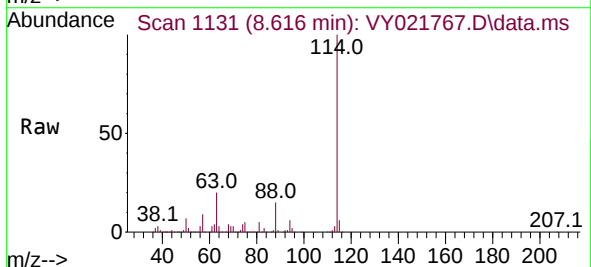
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0403SBSD01

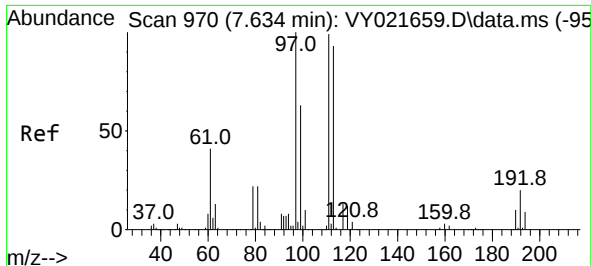
Tgt Ion: 65 Resp: 120577  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.616 min Scan# 1131  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

Tgt Ion: 114 Resp: 330176  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 40.2  
 88 15.0 0.0 29.8

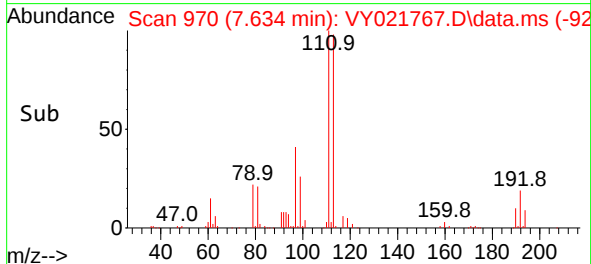
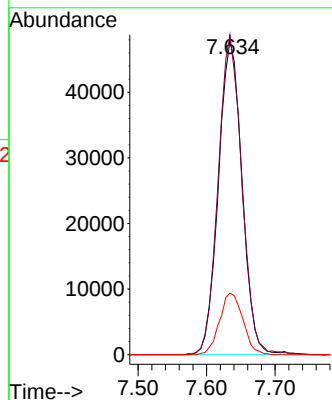
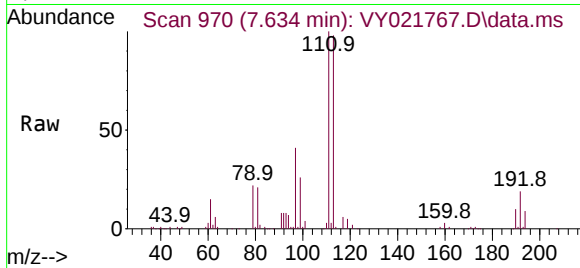




#35  
Dibromofluoromethane  
Concen: 53.436 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

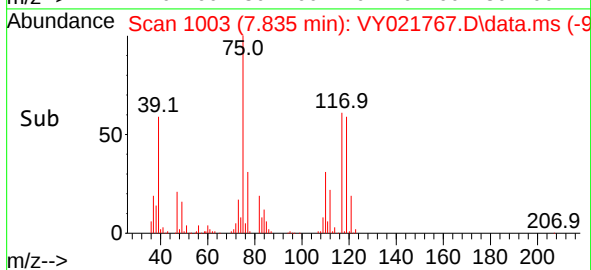
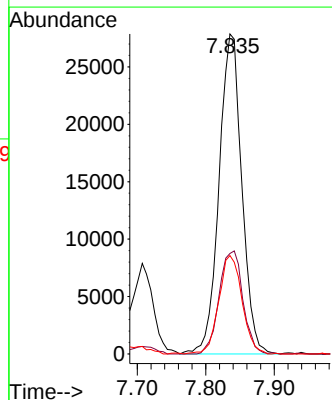
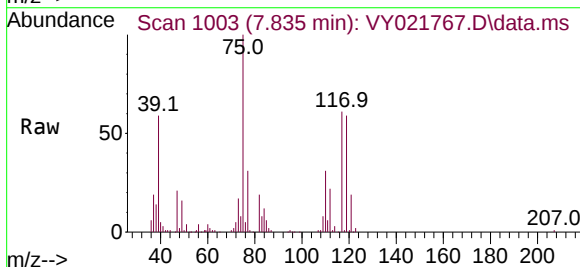
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBS01

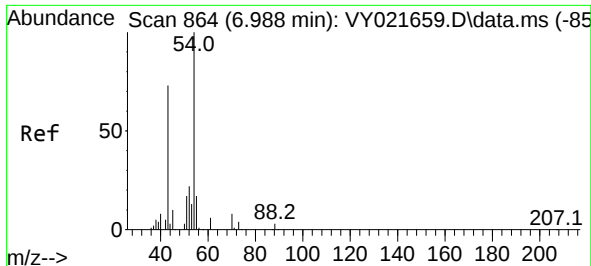
Tgt Ion:113 Resp: 114450  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.6 123.8  
192 19.4 16.2 24.4



#36  
1,1-Dichloropropene  
Concen: 19.685 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 75 Resp: 64217  
Ion Ratio Lower Upper  
75 100  
110 33.6 17.0 50.9  
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 17.889 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBS01

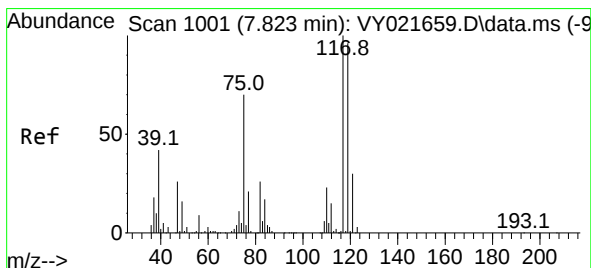
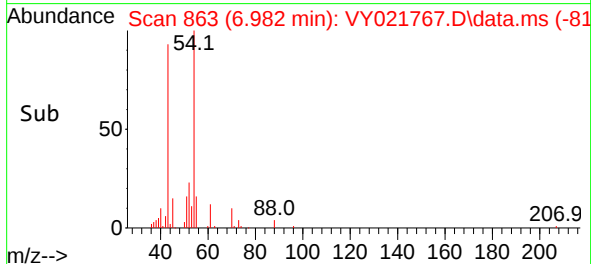
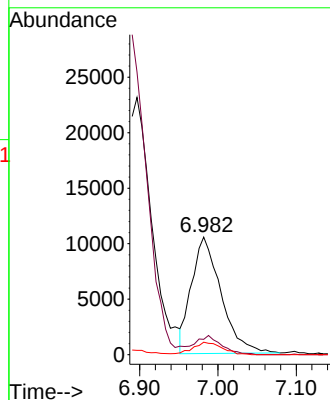
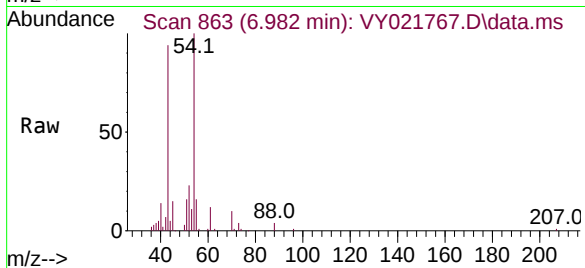
Tgt Ion: 43 Resp: 27542

Ion Ratio Lower Upper

43 100

61 14.5 11.0 16.6

70 10.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.845 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

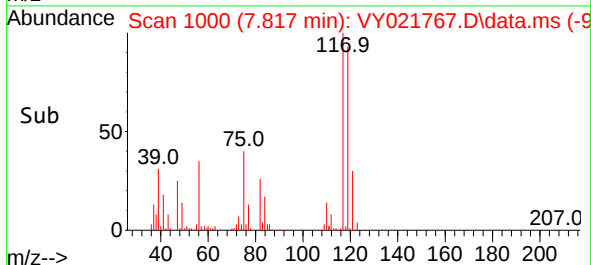
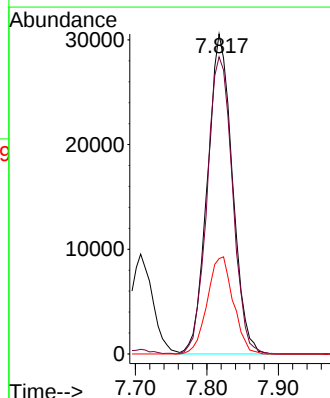
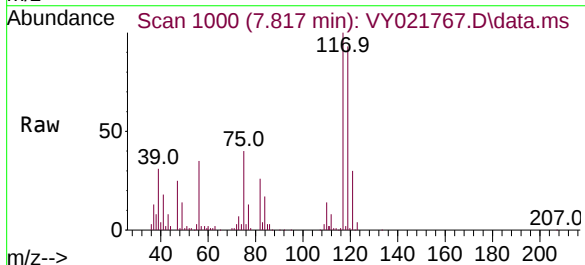
Tgt Ion: 117 Resp: 74148

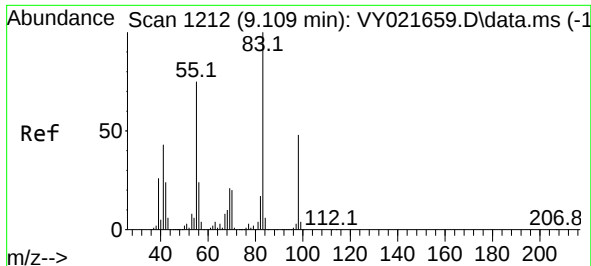
Ion Ratio Lower Upper

117 100

119 92.9 76.2 114.4

121 29.8 24.2 36.4





#39

Methylcyclohexane

Concen: 18.551 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01

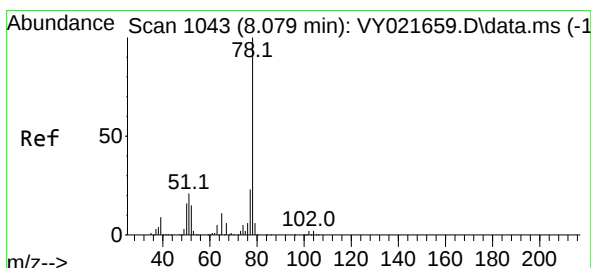
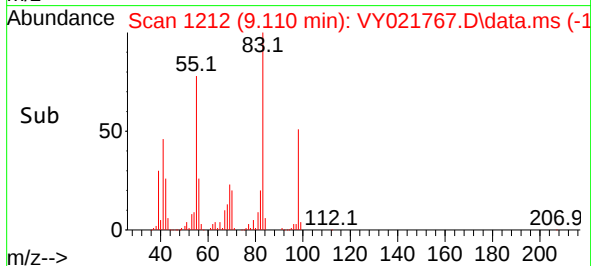
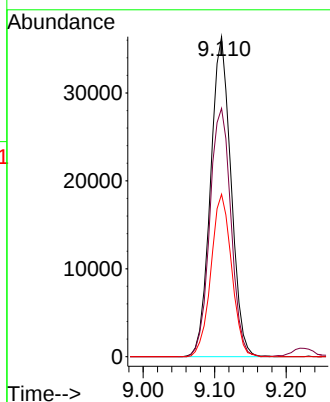
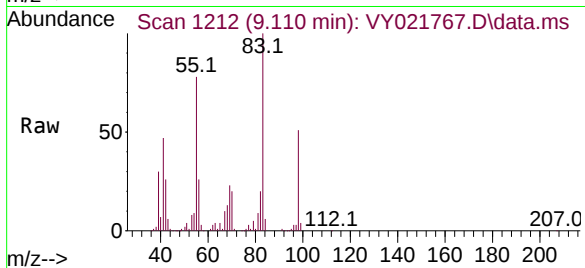
Tgt Ion: 83 Resp: 72295

Ion Ratio Lower Upper

83 100

55 77.6 59.7 89.5

98 50.8 38.3 57.5



#40

Benzene

Concen: 20.266 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021767.D

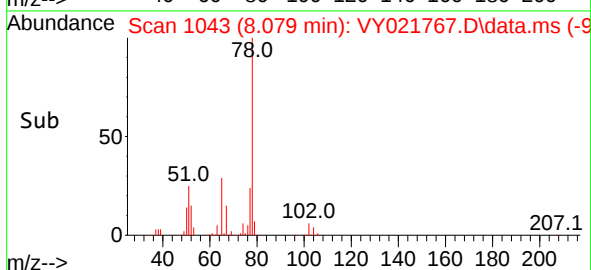
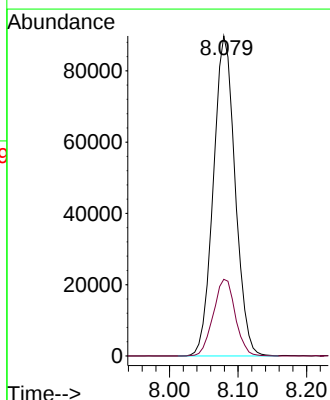
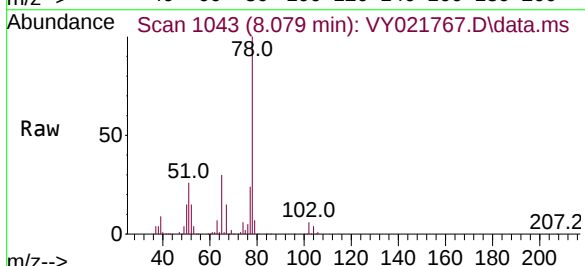
Acq: 03 Apr 2025 12:27

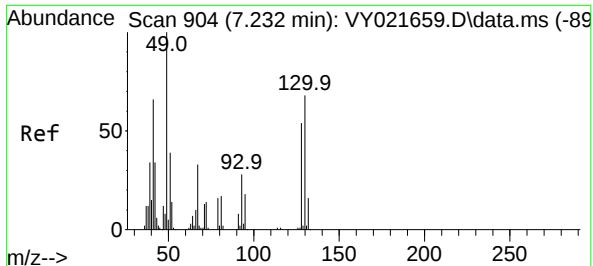
Tgt Ion: 78 Resp: 197998

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

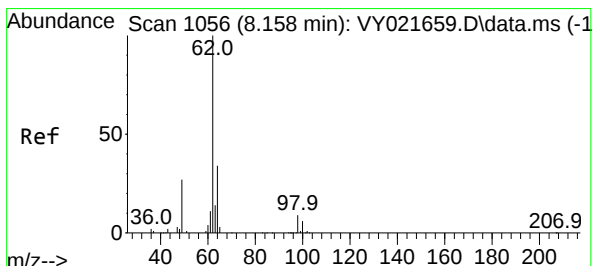
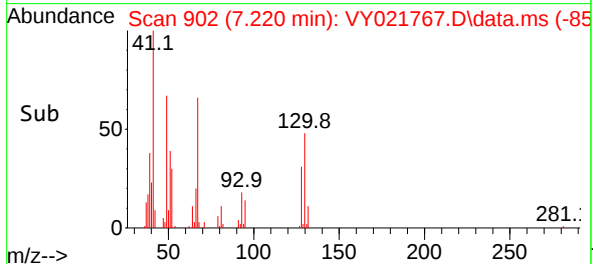
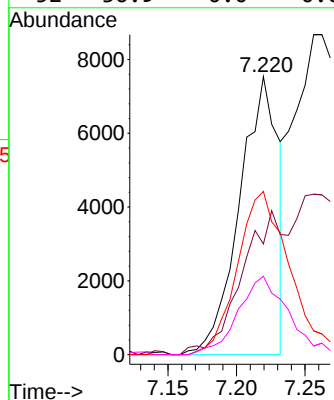
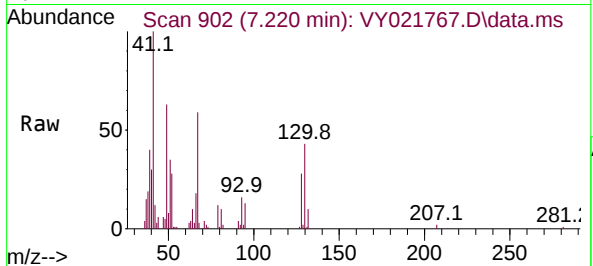




#41  
Methacrylonitrile  
Concen: 18.156 ug/l  
RT: 7.220 min Scan# 904  
Delta R.T. -0.012 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

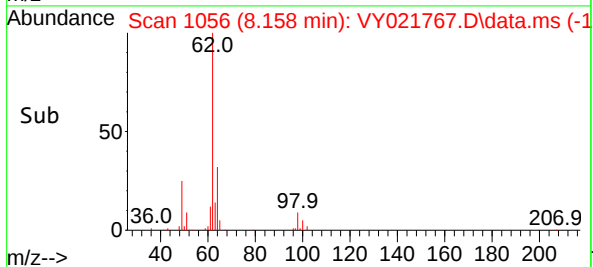
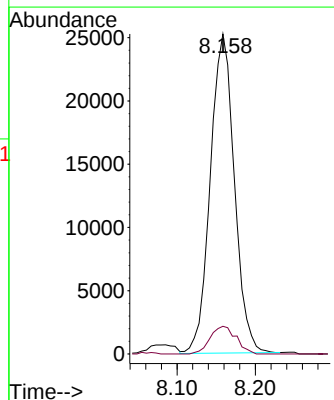
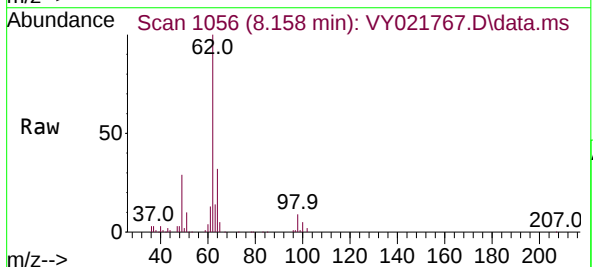
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

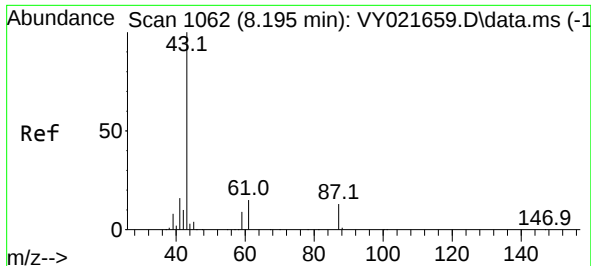
Tgt Ion: 41 Resp: 14845  
Ion Ratio Lower Upper  
41 100  
39 60.0 0.0 0.0#  
67 79.5 0.0 0.0#  
52 36.9 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 19.576 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 62 Resp: 53917  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 18.4

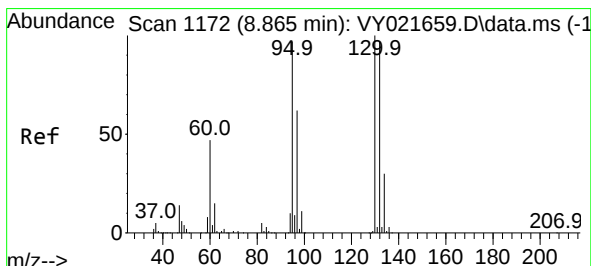
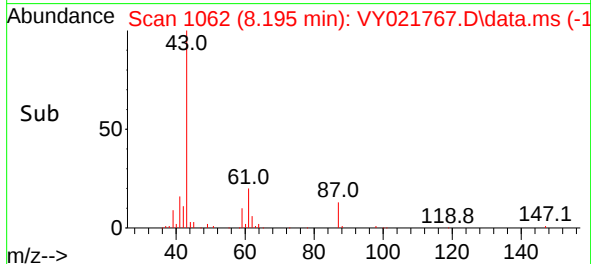
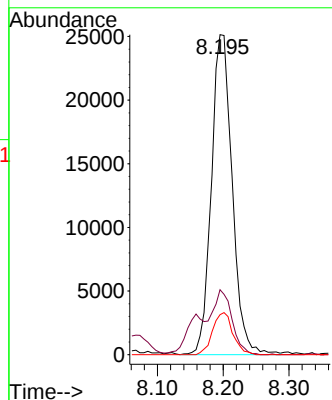
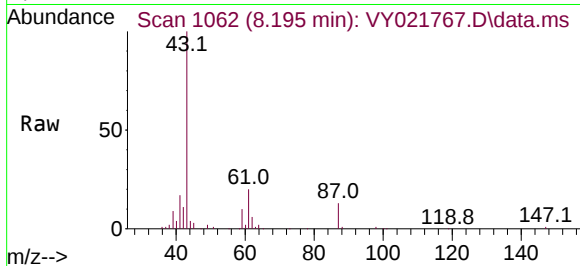




#43  
Isopropyl Acetate  
Concen: 19.042 ug/l  
RT: 8.195 min Scan# 1062  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

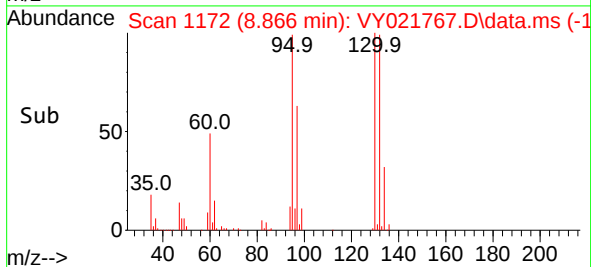
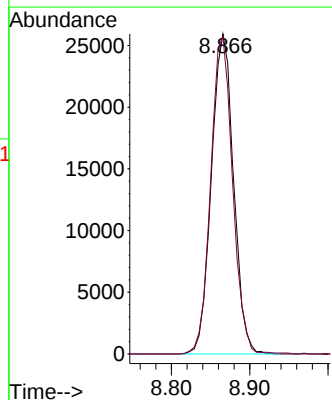
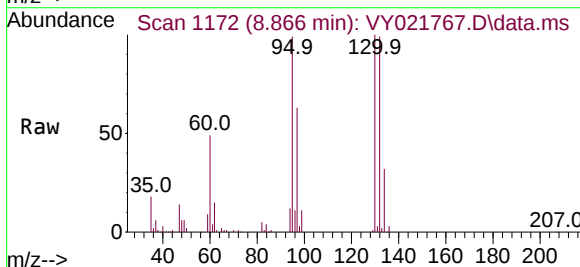
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

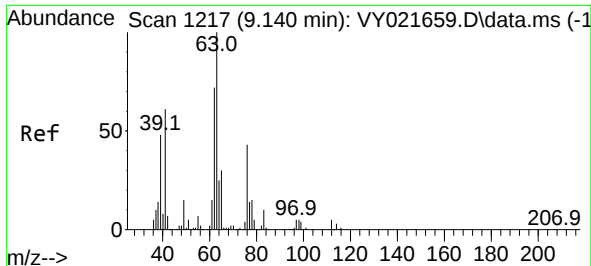
Tgt Ion: 43 Resp: 55558  
Ion Ratio Lower Upper  
43 100  
61 19.8 15.9 23.9  
87 12.8 10.4 15.6



#44  
Trichloroethene  
Concen: 20.413 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 130 Resp: 50812  
Ion Ratio Lower Upper  
130 100  
95 99.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.850 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

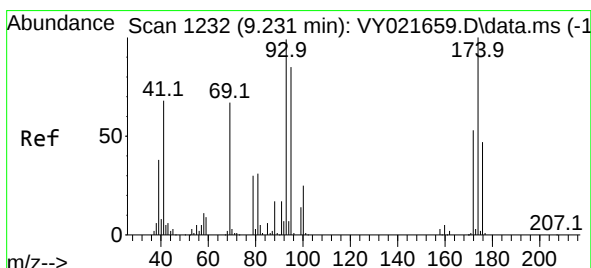
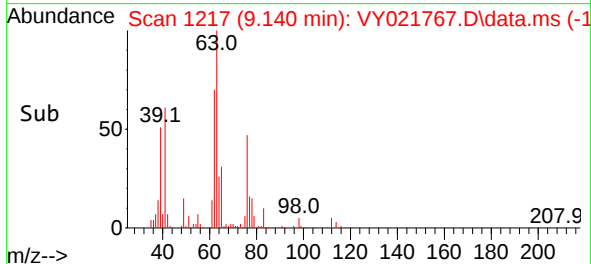
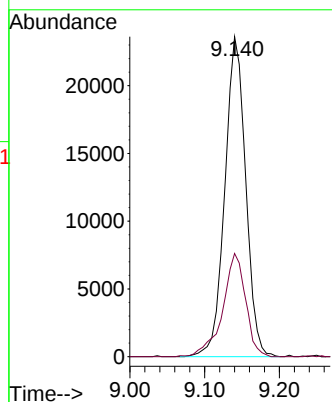
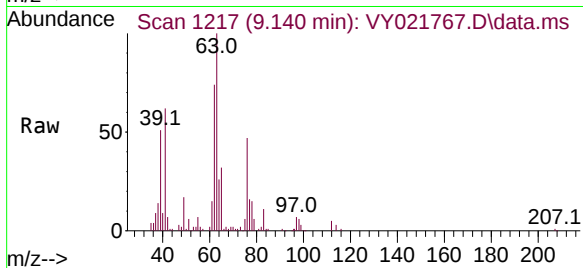
VY0403SBSD01

Tgt Ion: 63 Resp: 45905

Ion Ratio Lower Upper

63 100

65 32.3 24.4 36.6



#46

Dibromomethane

Concen: 19.973 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

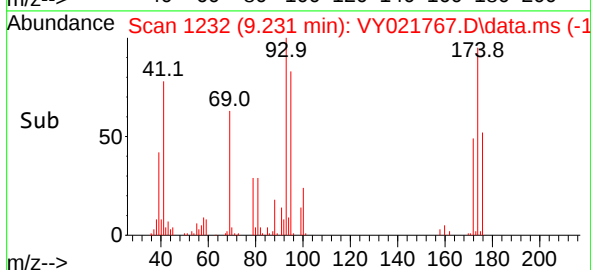
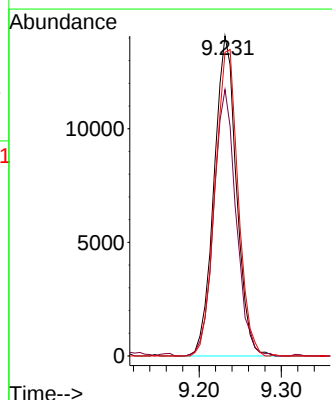
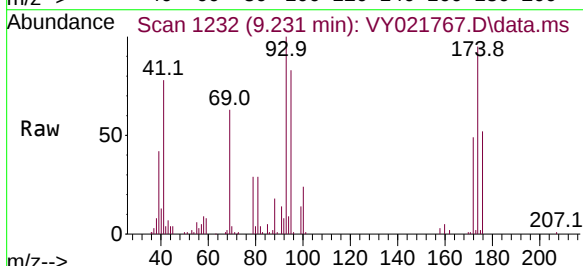
Tgt Ion: 93 Resp: 26619

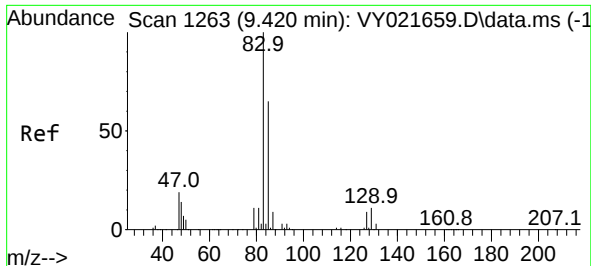
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 98.0 80.9 121.3

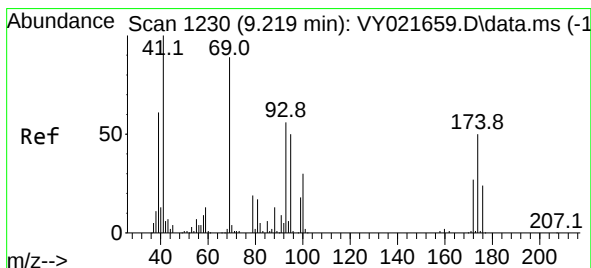
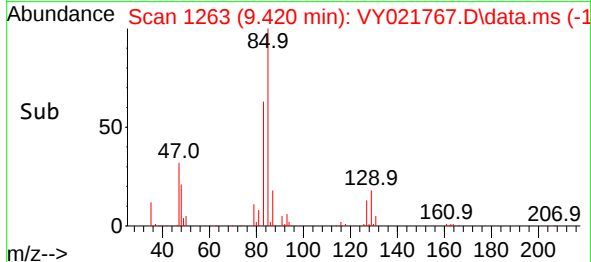
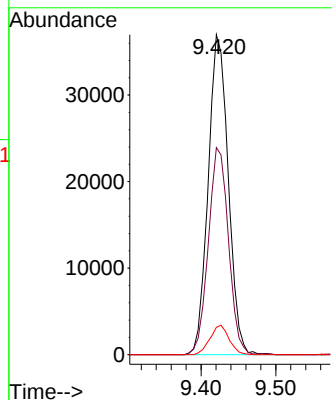
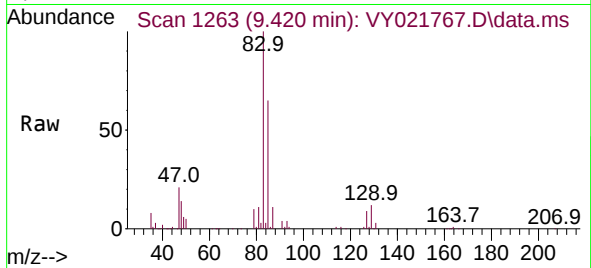




#47  
Bromodichloromethane  
Concen: 20.003 ug/l  
RT: 9.420 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

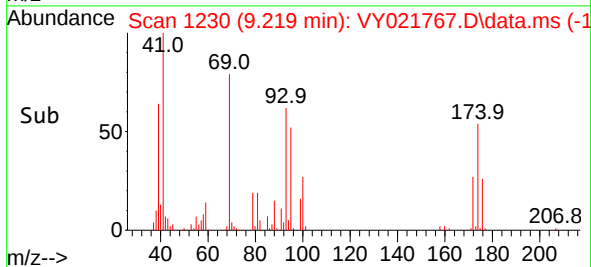
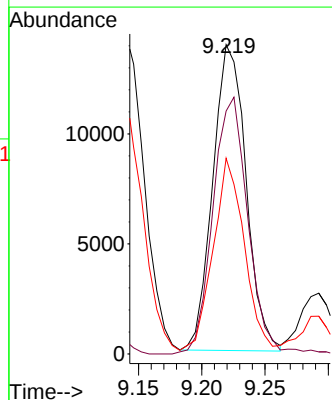
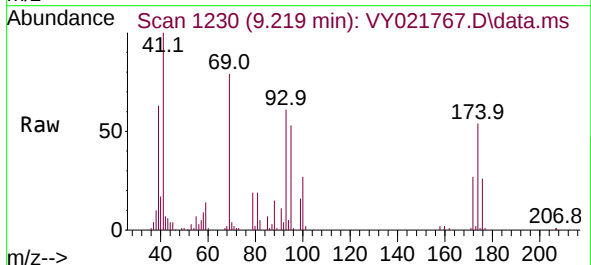
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

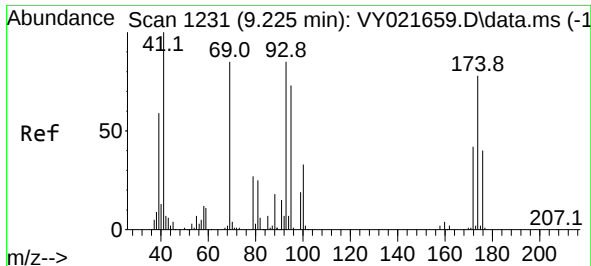
Tgt Ion: 83 Resp: 69081  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.8 77.6  
127 8.5 6.8 10.2



#48  
Methyl methacrylate  
Concen: 19.011 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 41 Resp: 25458  
Ion Ratio Lower Upper  
41 100  
69 88.2 69.8 104.8  
39 60.4 47.2 70.8





#49

1,4-Dioxane

Concen: 408.824 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021767.D

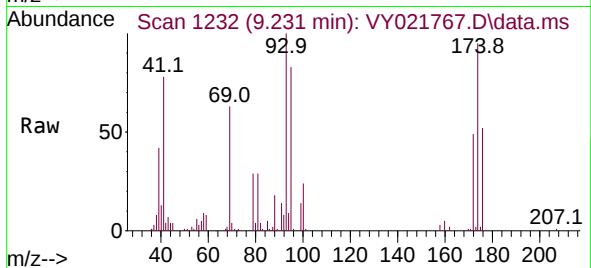
Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

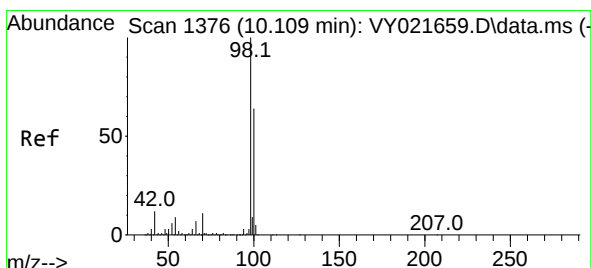
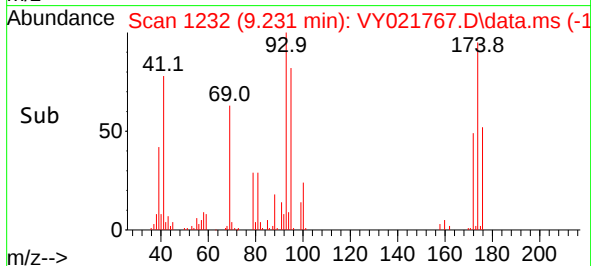
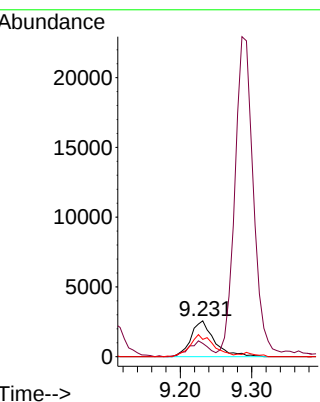
ClientSampleId :

VY0403SBSD01



Tgt Ion: 88 Resp: 5837

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 36.9  | 28.8  | 43.2  |
| 58  | 61.6  | 59.4  | 89.2  |



#50

Toluene-d8

Concen: 53.364 ug/l

RT: 10.109 min Scan# 1376

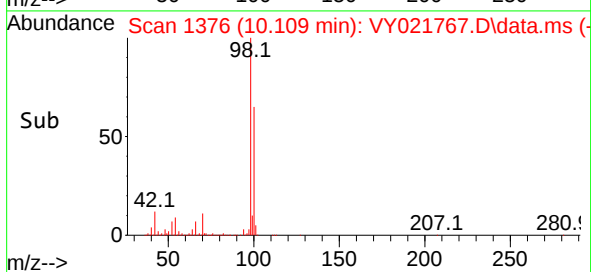
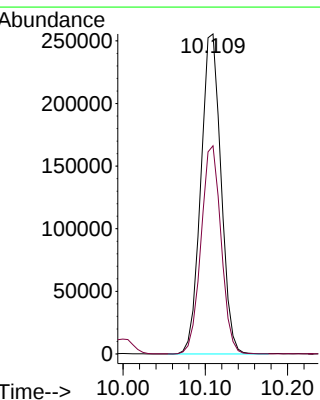
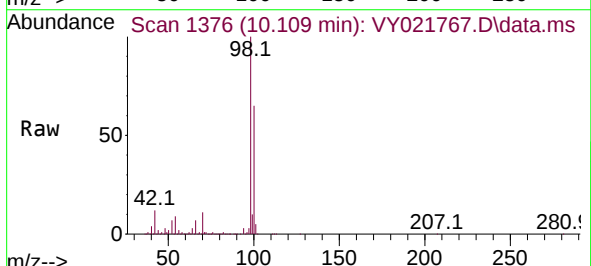
Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Tgt Ion: 98 Resp: 434813

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.6  | 52.1  | 78.1  |

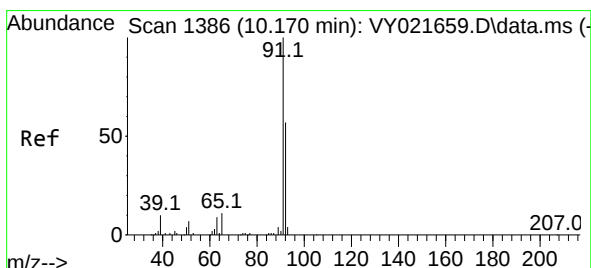
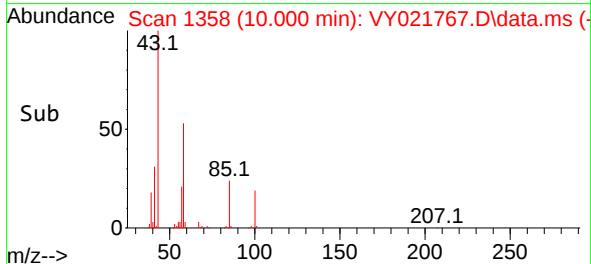
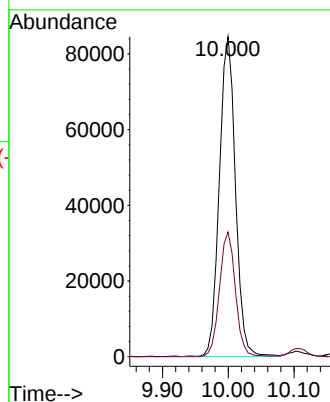
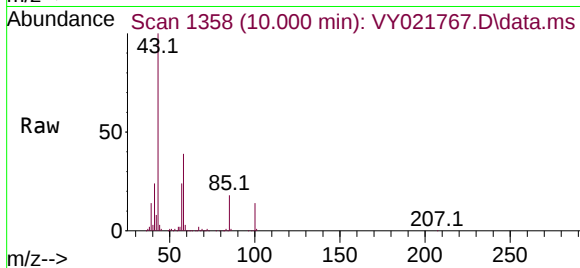




#51  
4-Methyl-2-Pentanone  
Concen: 94.855 ug/l  
RT: 10.000 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

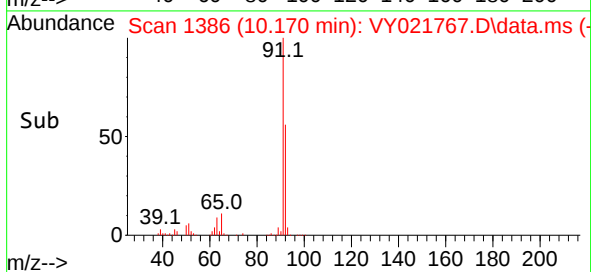
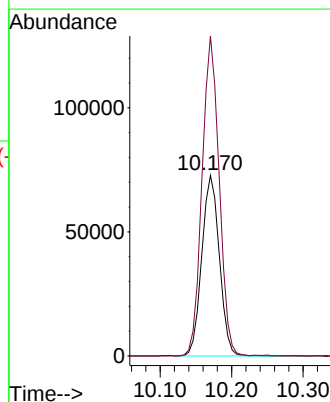
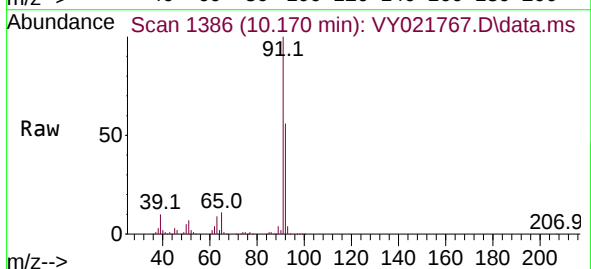
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

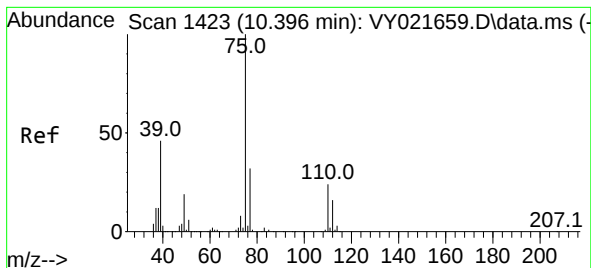
Tgt Ion: 43 Resp: 144024  
Ion Ratio Lower Upper  
43 100  
58 38.6 31.5 47.3



#52  
Toluene  
Concen: 20.344 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 92 Resp: 124006  
Ion Ratio Lower Upper  
92 100  
91 172.8 138.6 207.8

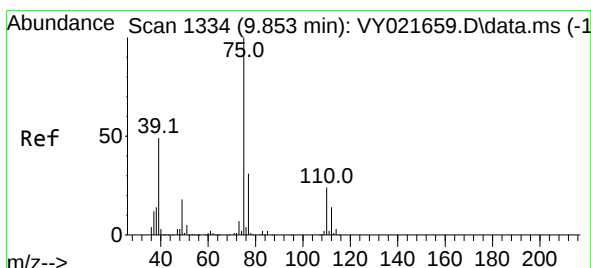
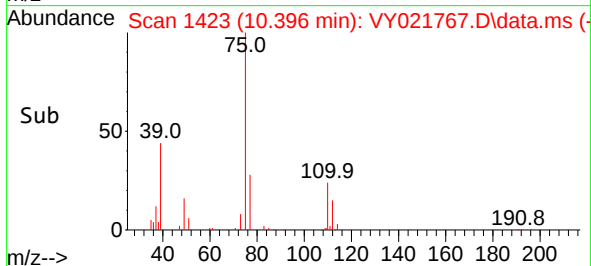
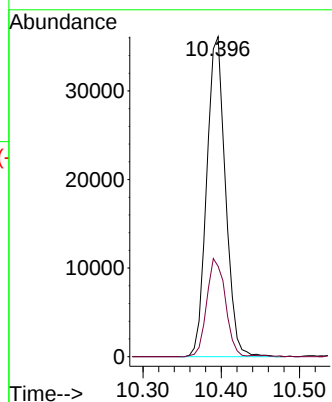
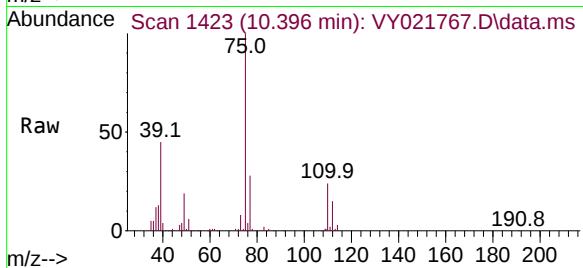




#53  
 t-1,3-Dichloropropene  
 Concen: 19.544 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

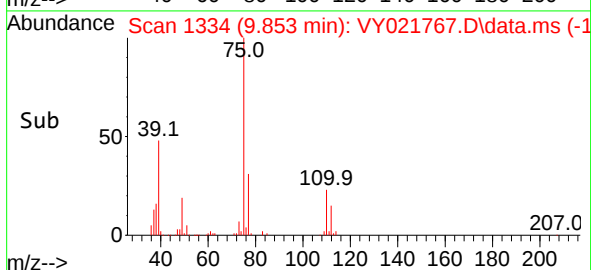
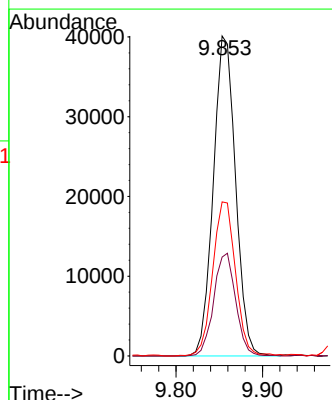
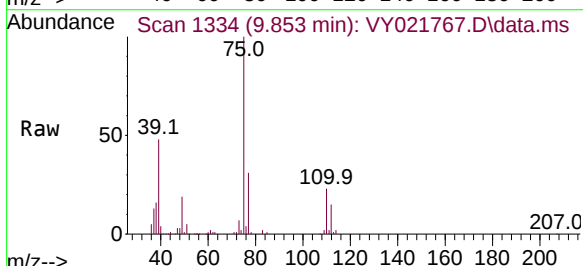
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0403SBSD01

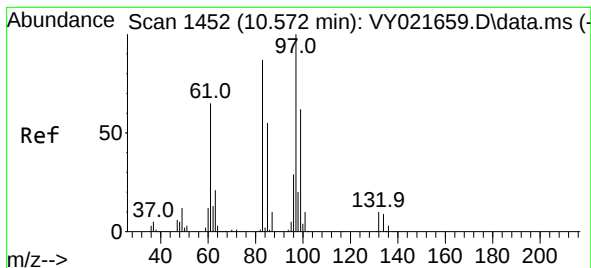
Tgt Ion: 75 Resp: 59949  
 Ion Ratio Lower Upper  
 75 100  
 77 28.2 25.3 37.9



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.796 ug/l  
 RT: 9.853 min Scan# 1334  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

Tgt Ion: 75 Resp: 71637  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 24.9 37.3  
 39 47.9 39.2 58.8

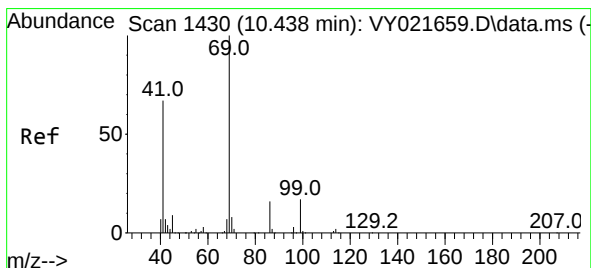
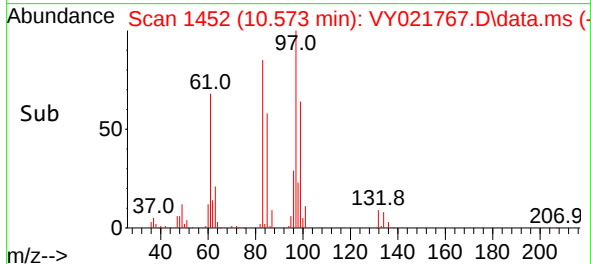
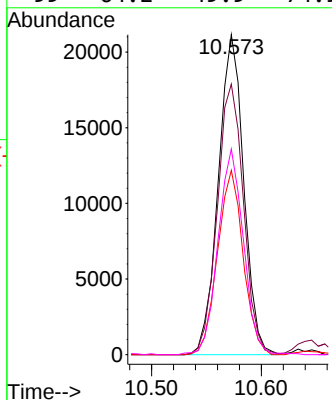
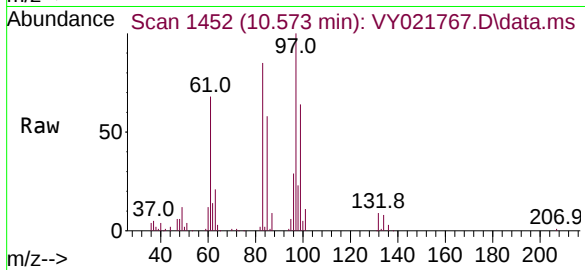




#55  
1,1,2-Trichloroethane  
Concen: 19.833 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

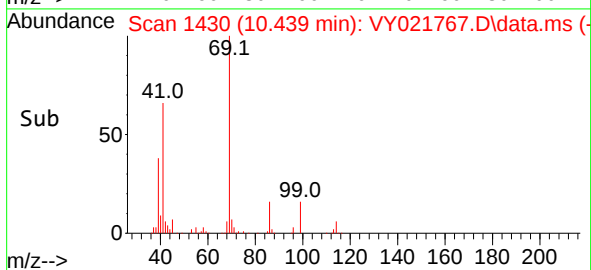
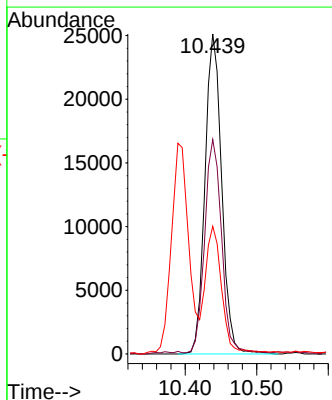
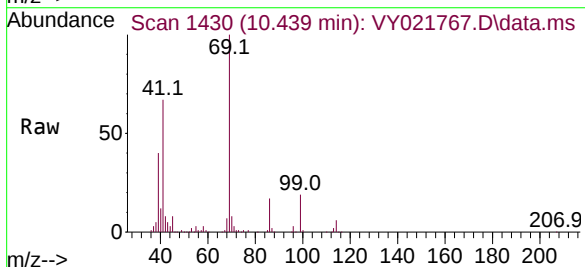
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

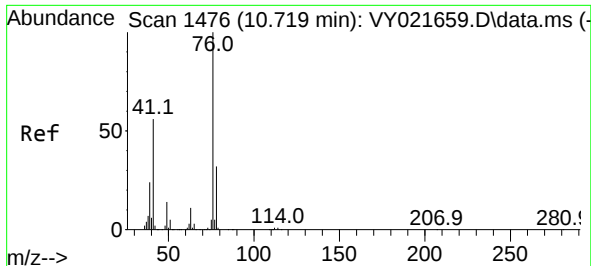
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 34016 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.5  | 69.5  | 104.3 |
| 85       | 57.6  | 43.9  | 65.9  |
| 99       | 64.2  | 49.9  | 74.9  |



#56  
Ethyl methacrylate  
Concen: 18.581 ug/l  
RT: 10.439 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 40692 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.1  | 53.8  | 80.6  |
| 39       | 37.7  | 29.6  | 44.4  |





#57

1,3-Dichloropropane

Concen: 20.220 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

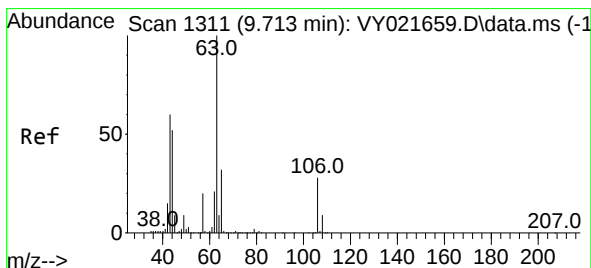
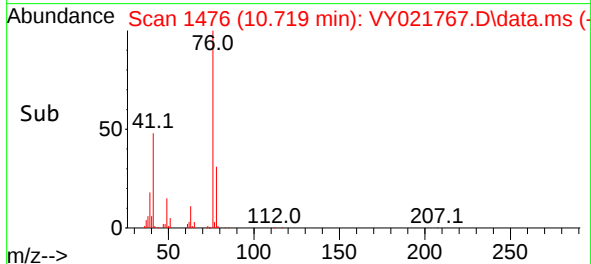
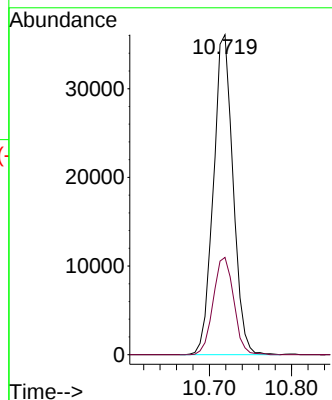
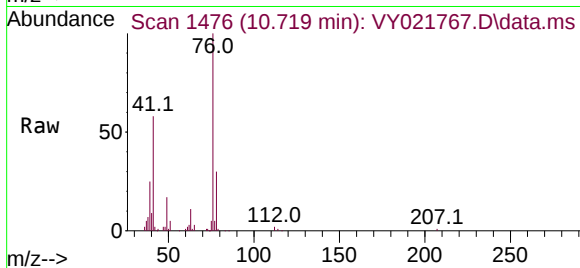
VY0403SBSD01

Tgt Ion: 76 Resp: 59895

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.196 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021767.D

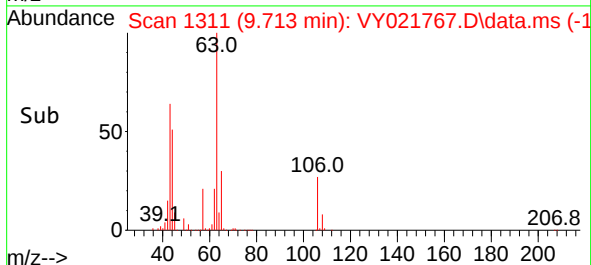
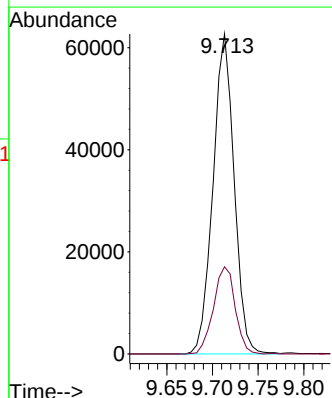
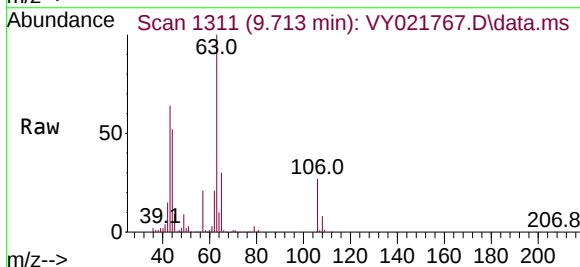
Acq: 03 Apr 2025 12:27

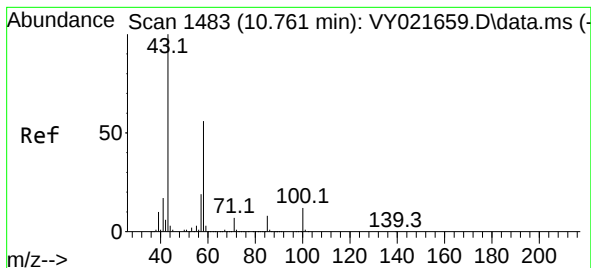
Tgt Ion: 63 Resp: 100636

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

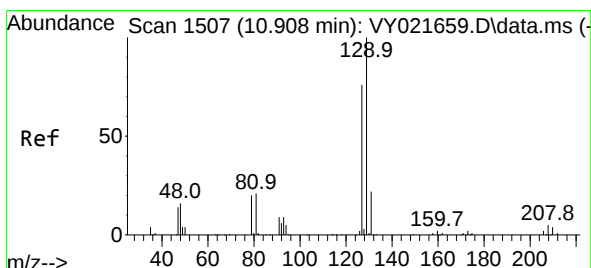
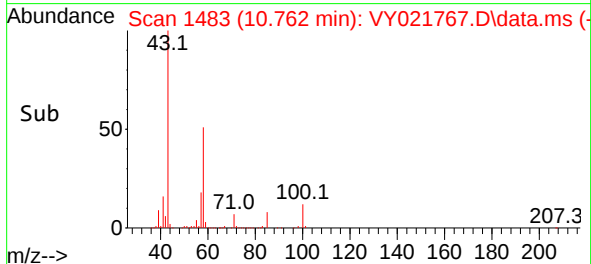
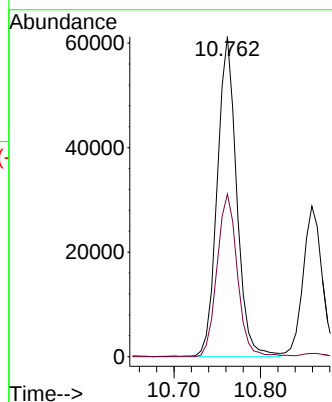
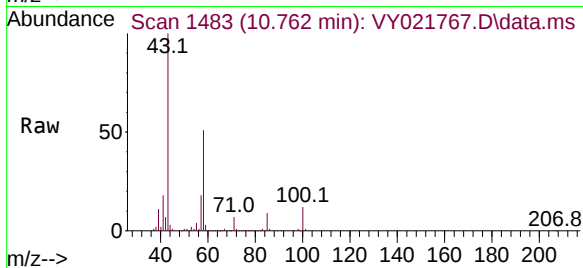




#59  
2-Hexanone  
Concen: 93.905 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

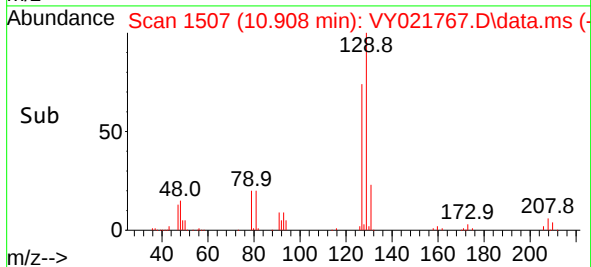
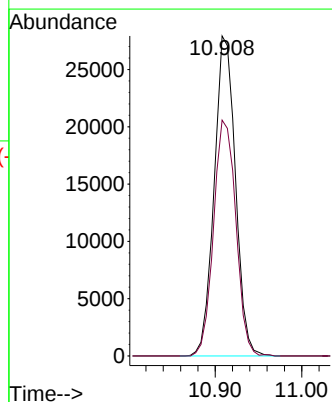
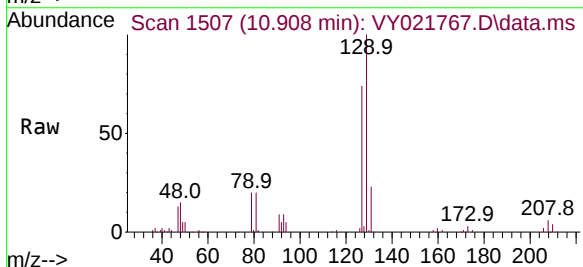
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

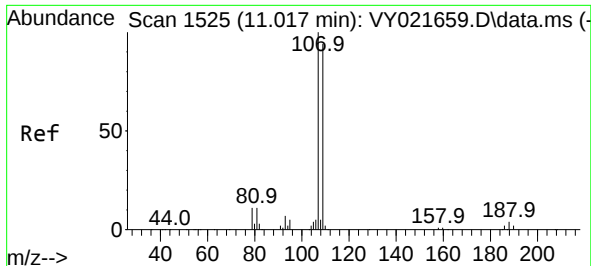
Tgt Ion: 43 Resp: 94957  
Ion Ratio Lower Upper  
43 100  
58 53.4 27.2 81.5



#60  
Dibromochloromethane  
Concen: 20.320 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 129 Resp: 47584  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 115.7

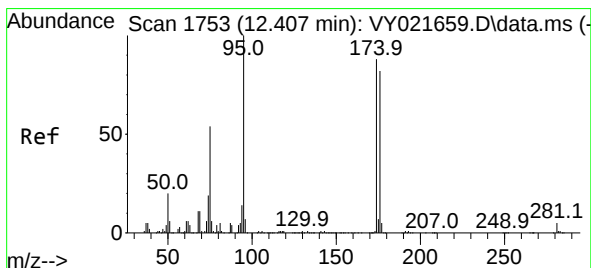
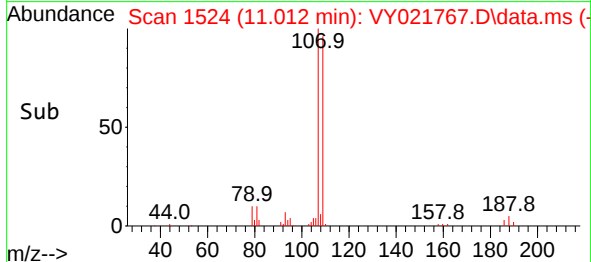
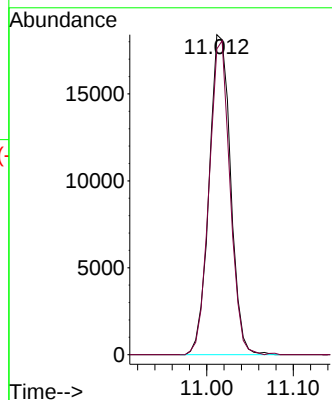
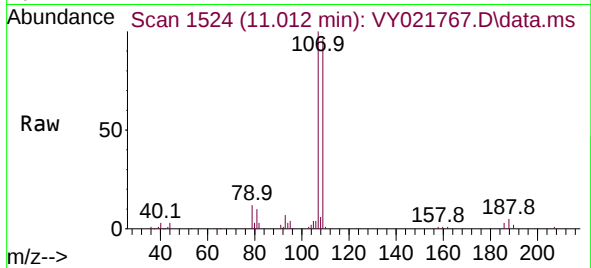




#61  
1,2-Dibromoethane  
Concen: 19.725 ug/l  
RT: 11.012 min Scan# 1524  
Delta R.T. -0.006 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

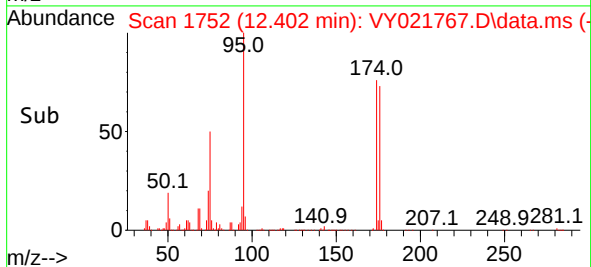
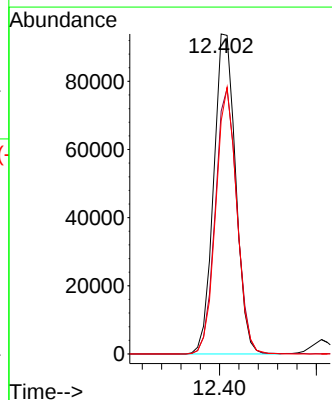
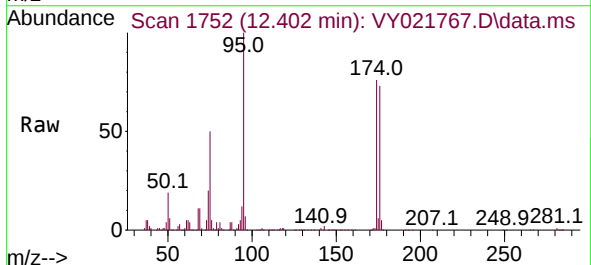
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

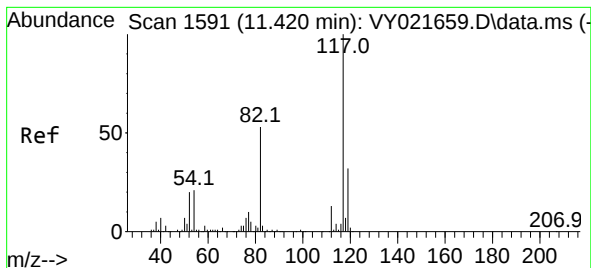
Tgt Ion:107 Resp: 31736  
Ion Ratio Lower Upper  
107 100  
109 94.9 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 53.752 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 95 Resp: 148144  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 170.8  
176 79.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021767.D

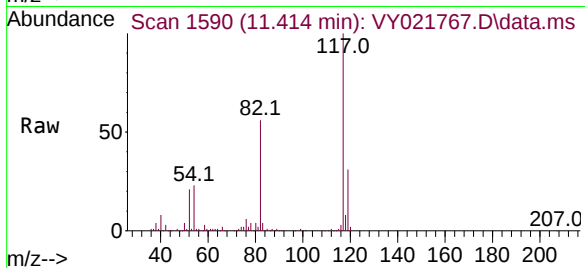
Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01



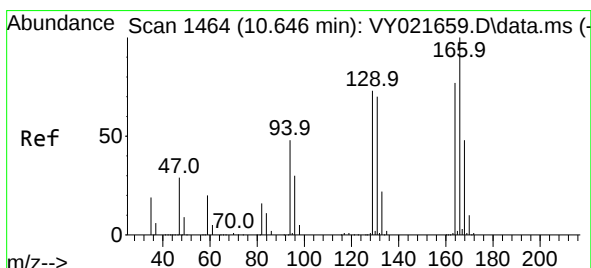
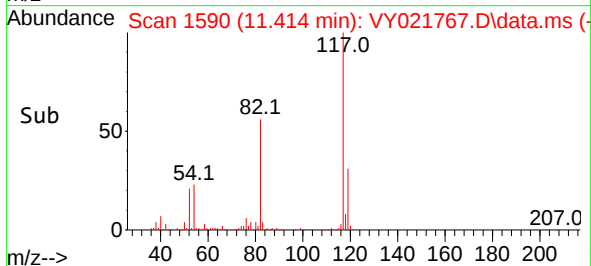
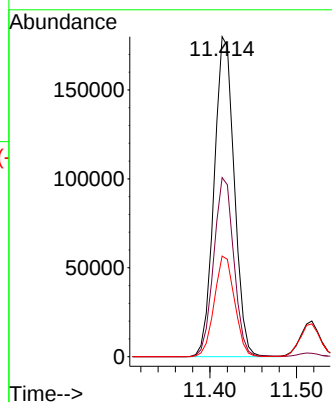
Tgt Ion:117 Resp: 290460

Ion Ratio Lower Upper

117 100

82 55.9 42.8 64.2

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 21.007 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Tgt Ion:164 Resp: 55572

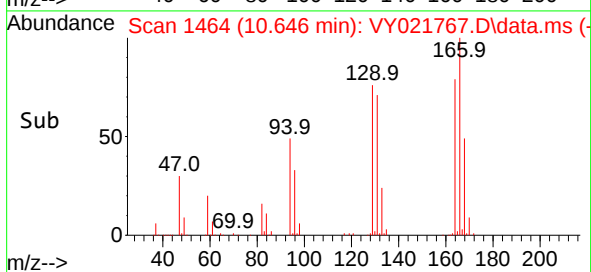
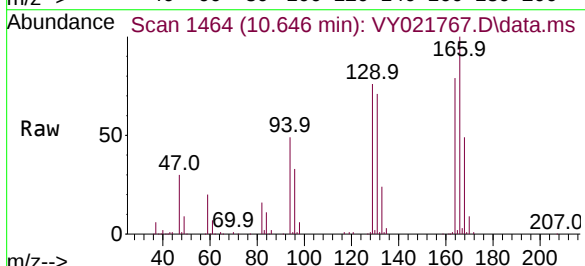
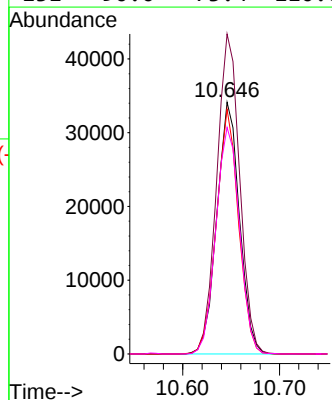
Ion Ratio Lower Upper

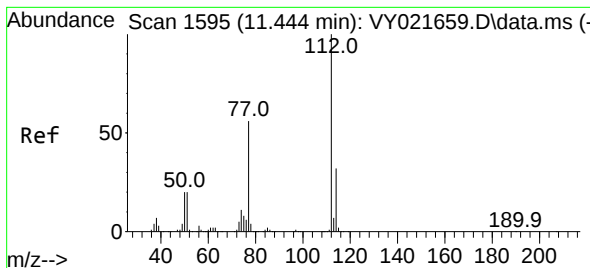
164 100

166 127.1 104.6 156.8

129 97.2 76.6 114.8

131 90.0 73.4 110.0





#65

Chlorobenzene

Concen: 20.182 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

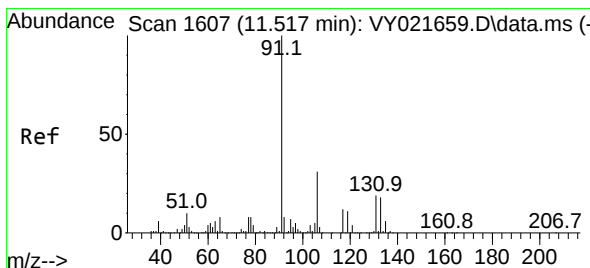
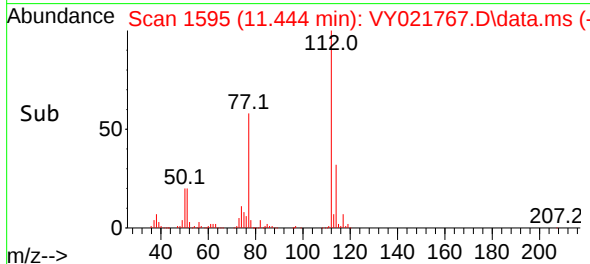
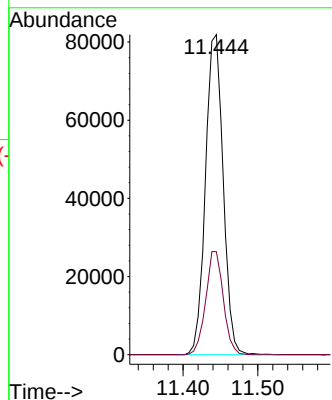
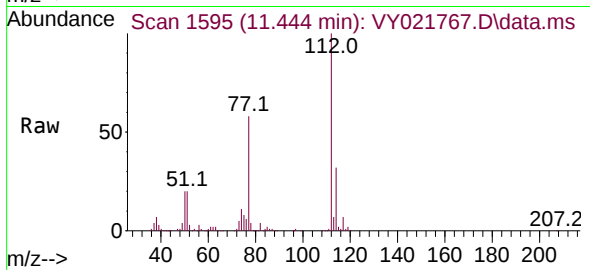
VY0403SBSD01

Tgt Ion:112 Resp: 134375

Ion Ratio Lower Upper

112 100

114 32.2 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.242 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

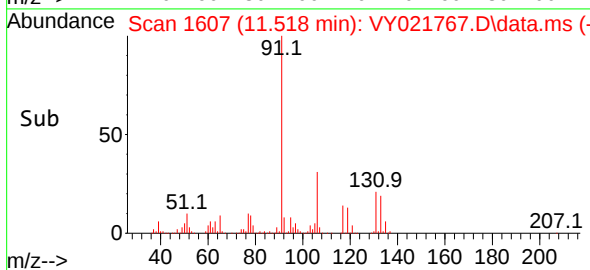
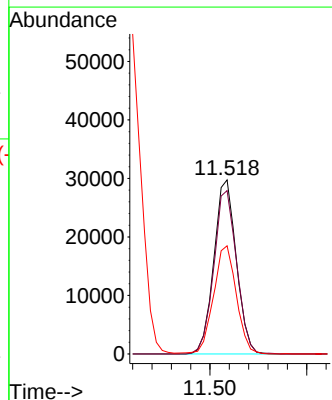
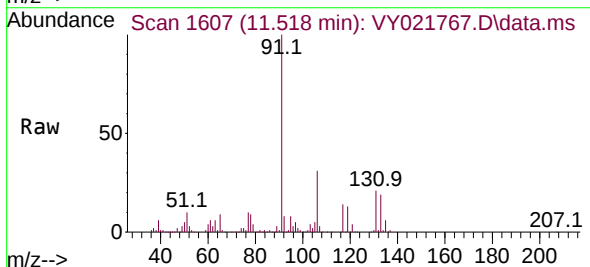
Tgt Ion:131 Resp: 47819

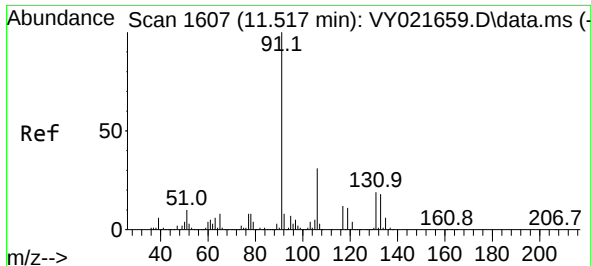
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.8

119 63.3 31.6 95.0

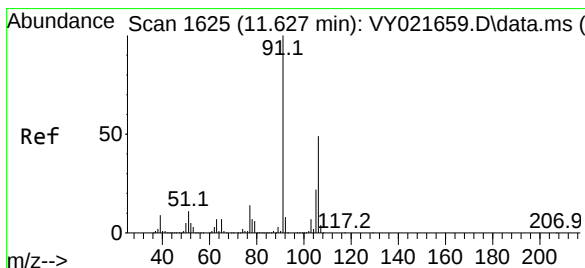
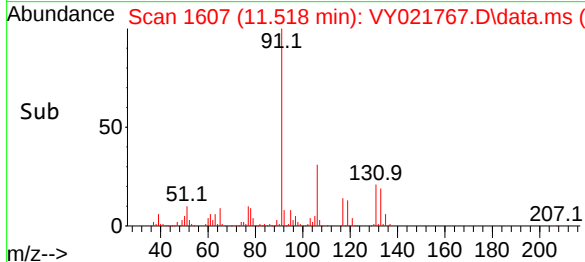
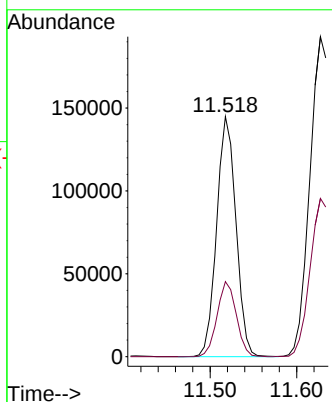
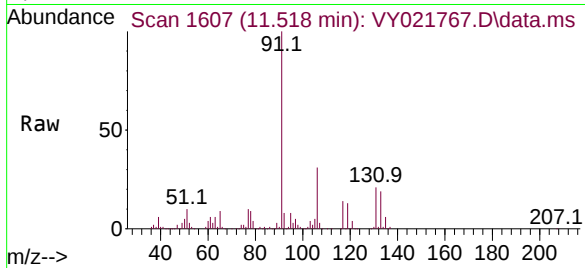




#67  
Ethyl Benzene  
Concen: 19.639 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

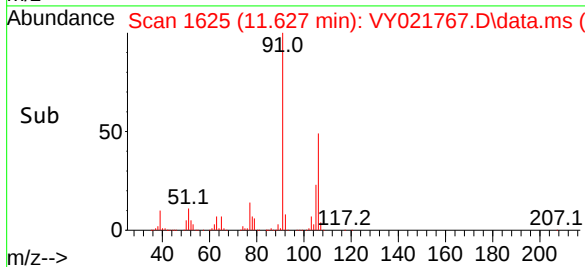
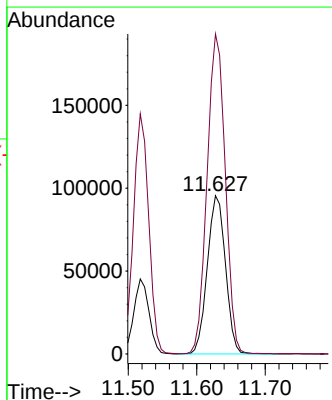
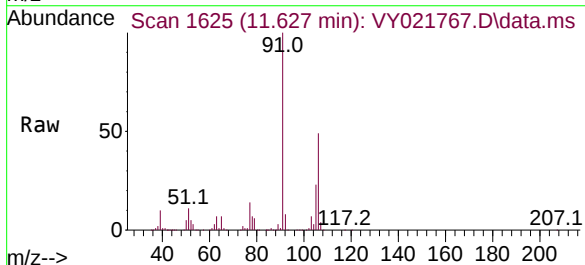
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBS01

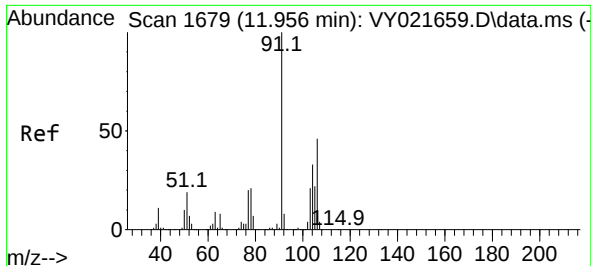
Tgt Ion: 91 Resp: 224229  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.6 36.8



#68  
m/p-Xylenes  
Concen: 40.158 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 106 Resp: 175574  
Ion Ratio Lower Upper  
106 100  
91 202.7 162.4 243.6

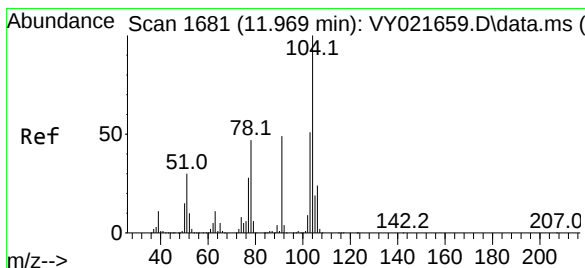
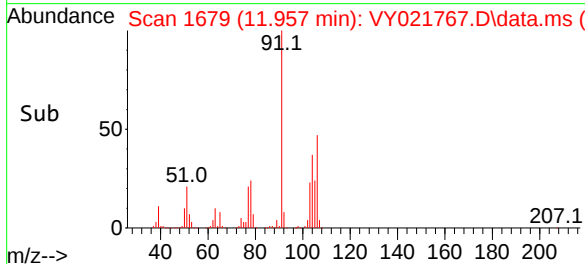
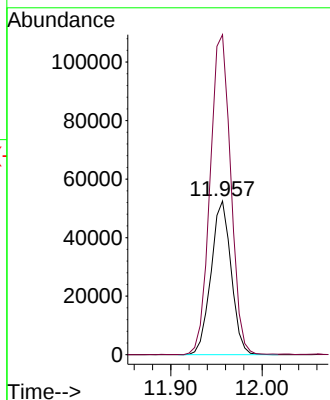
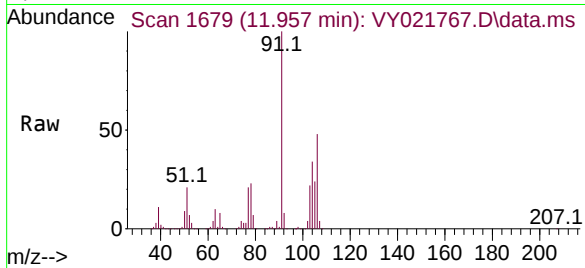




#69  
o-Xylene  
Concen: 19.909 ug/l  
RT: 11.957 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

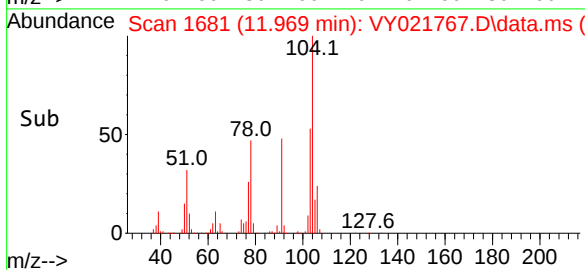
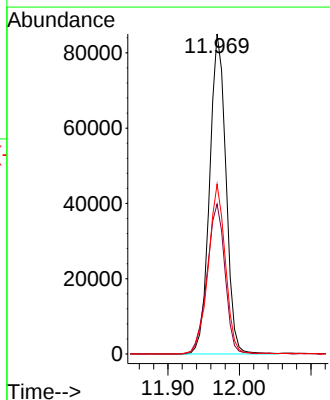
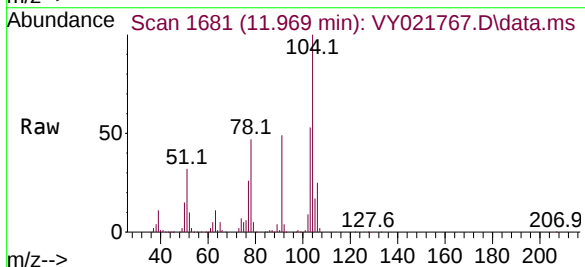
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

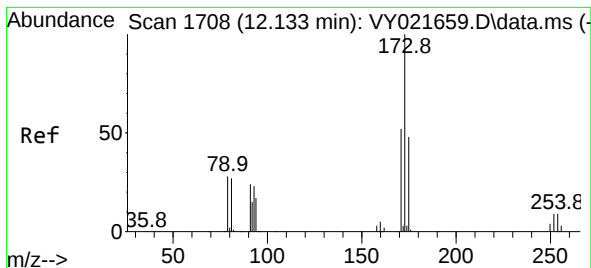
Tgt Ion:106 Resp: 80349  
Ion Ratio Lower Upper  
106 100  
91 213.6 106.7 319.9



#70  
Styrene  
Concen: 20.082 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion:104 Resp: 135130  
Ion Ratio Lower Upper  
104 100  
78 51.2 40.8 61.2  
103 55.6 44.2 66.2





#71

Bromoform

Concen: 19.952 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01

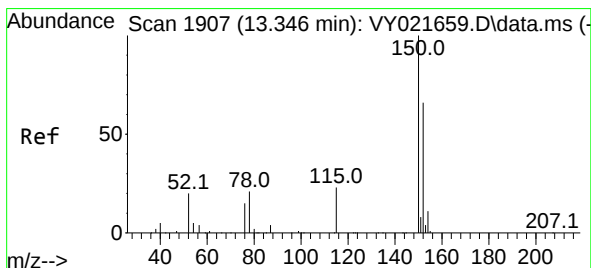
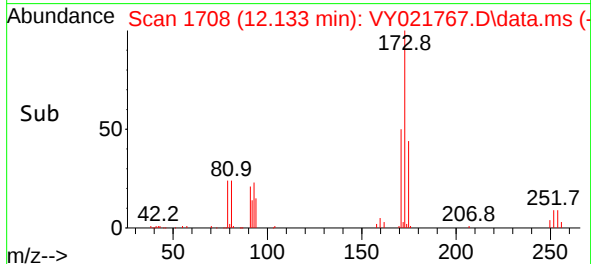
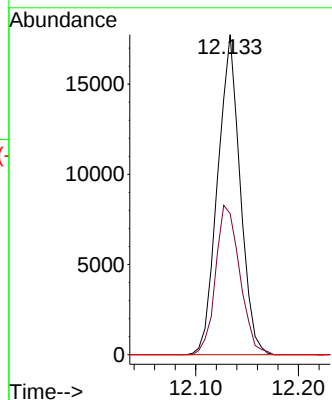
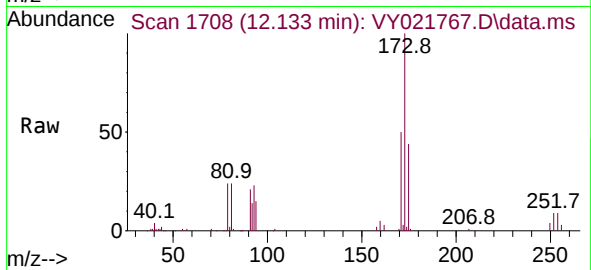
Tgt Ion:173 Resp: 26886

Ion Ratio Lower Upper

173 100

175 50.5 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

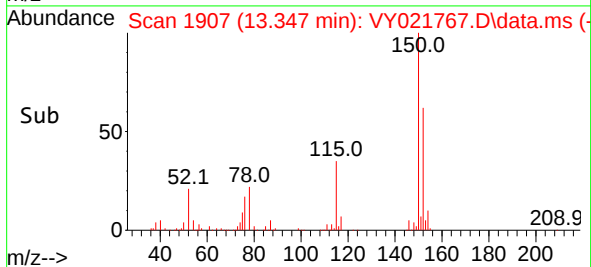
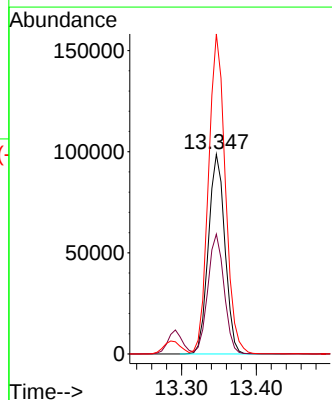
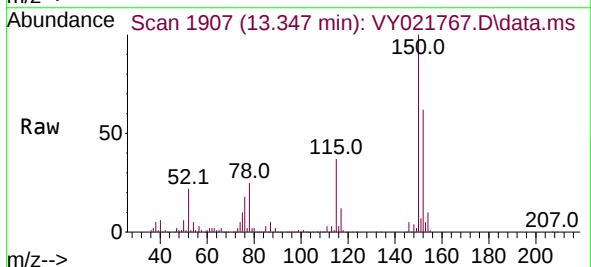
Tgt Ion:152 Resp: 151135

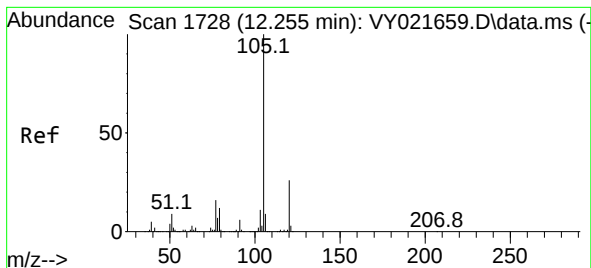
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 163.8 0.0 348.4





#73

Isopropylbenzene

Concen: 18.744 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

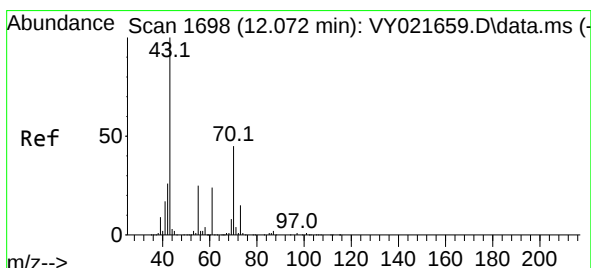
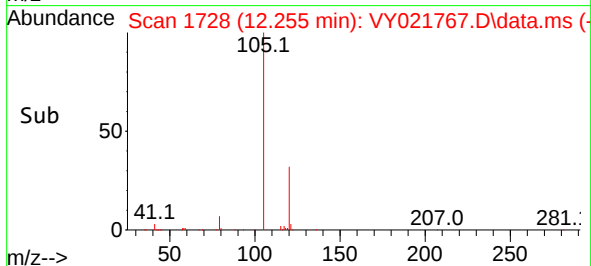
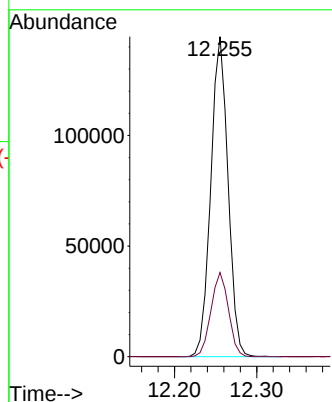
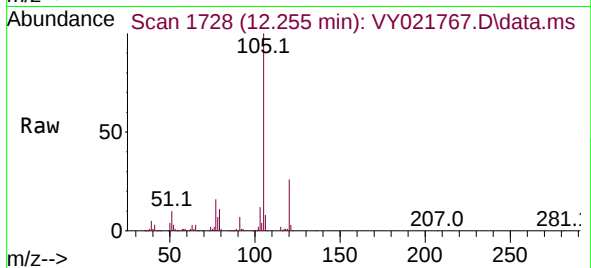
VY0403SBSD01

Tgt Ion:105 Resp: 210404

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 17.836 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Tgt Ion: 43 Resp: 46990

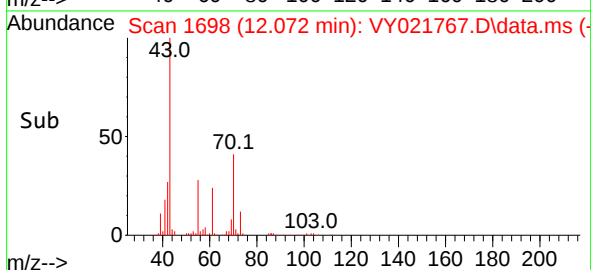
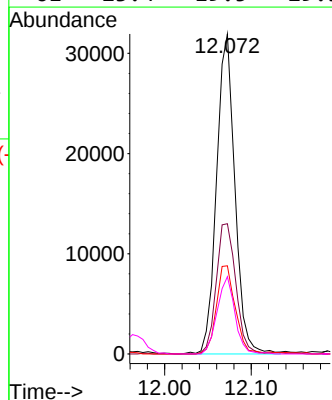
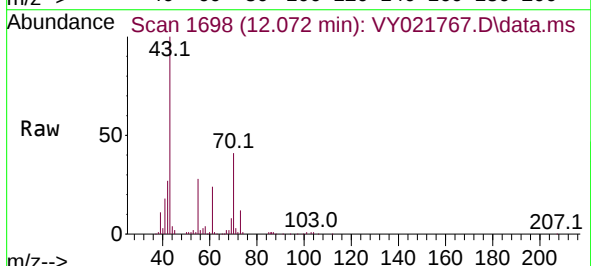
Ion Ratio Lower Upper

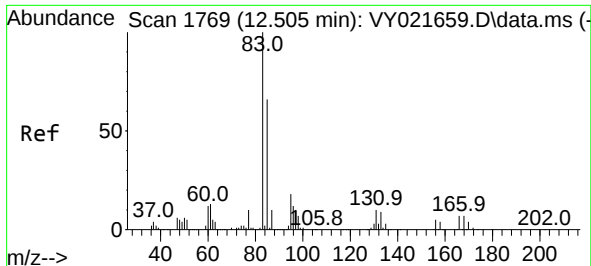
43 100

70 43.4 34.7 52.1

55 28.4 21.2 31.8

61 23.4 19.5 29.3

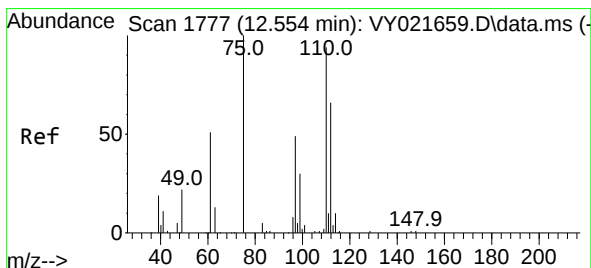
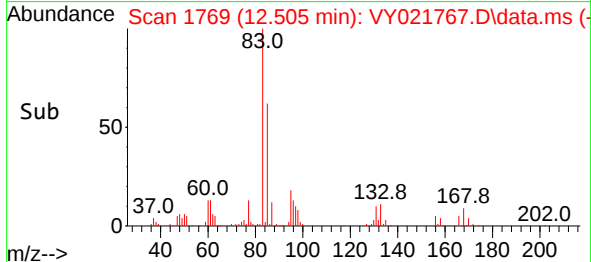
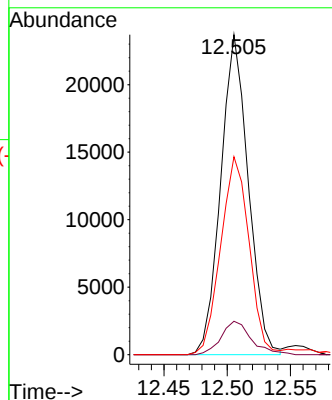
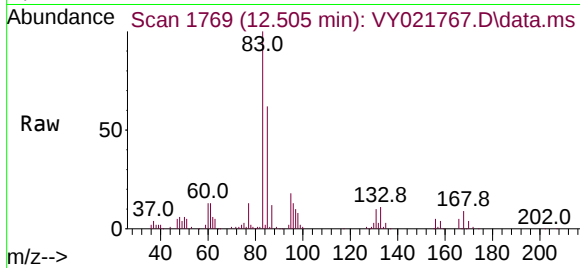




#75  
 1,1,2-Tetrachloroethane  
 Concen: 17.785 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

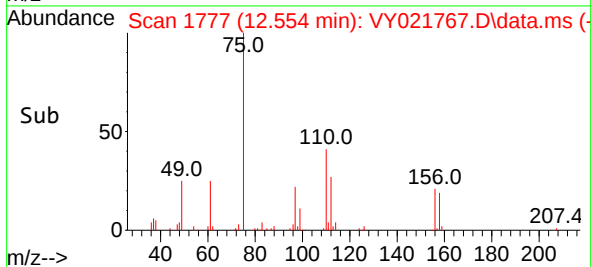
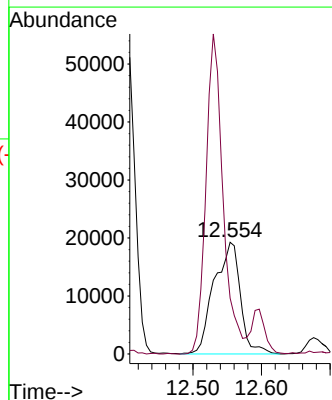
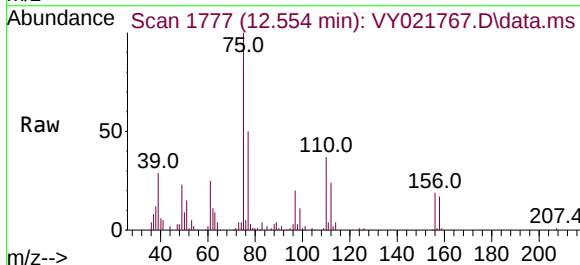
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0403SBSD01

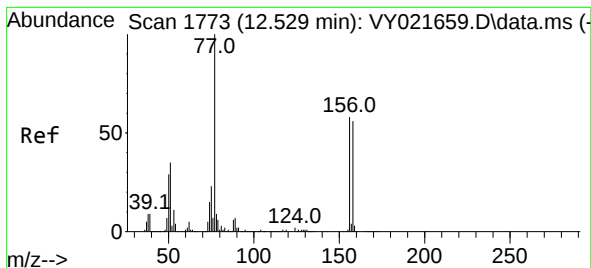
Tgt Ion: 83 Resp: 35894  
 Ion Ratio Lower Upper  
 83 100  
 131 11.5 5.1 15.3  
 85 63.8 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 34.320 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

Tgt Ion: 75 Resp: 51416  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.280 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBS01

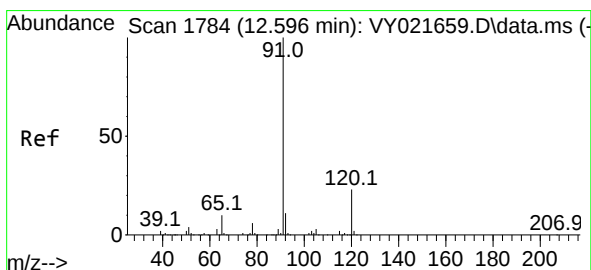
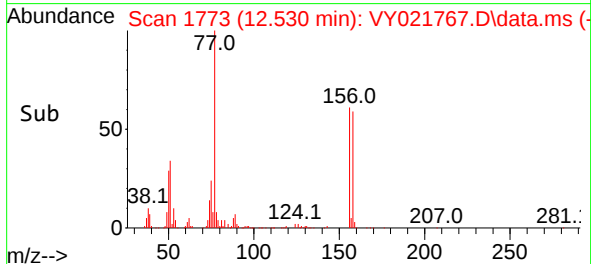
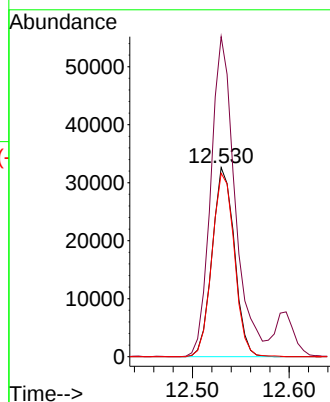
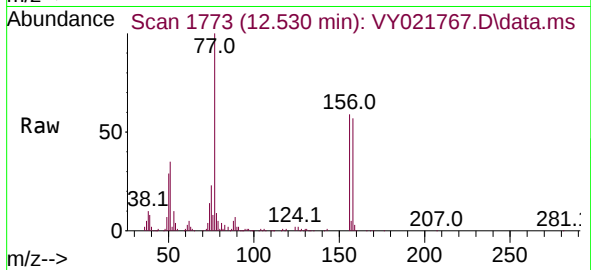
Tgt Ion:156 Resp: 51963

Ion Ratio Lower Upper

156 100

77 184.2 92.8 278.3

158 97.8 48.5 145.6



#78

n-propylbenzene

Concen: 19.643 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021767.D

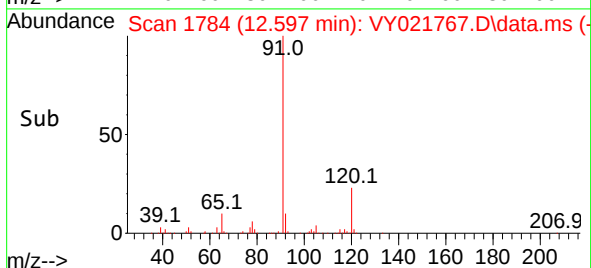
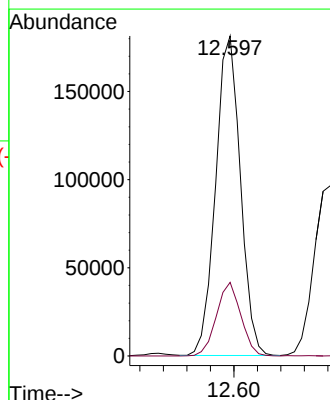
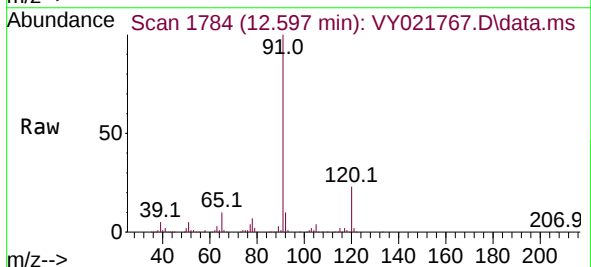
Acq: 03 Apr 2025 12:27

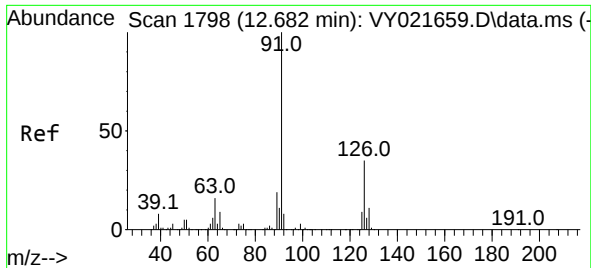
Tgt Ion: 91 Resp: 265097

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

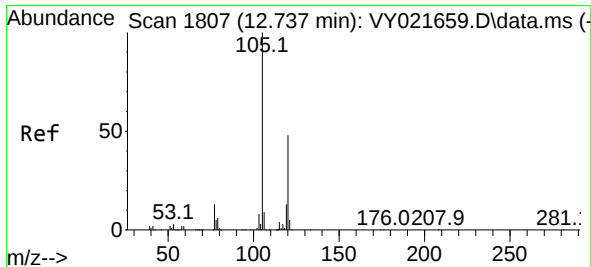
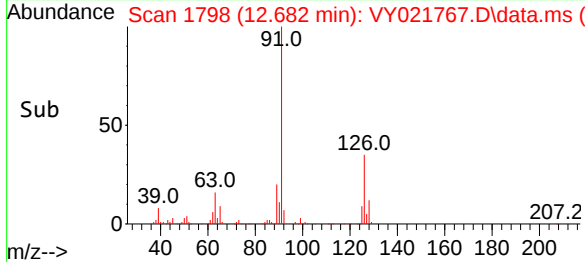
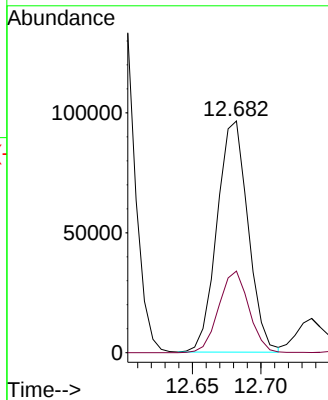
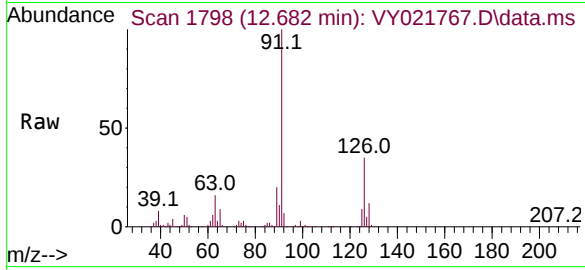




#79  
2-Chlorotoluene  
Concen: 19.397 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

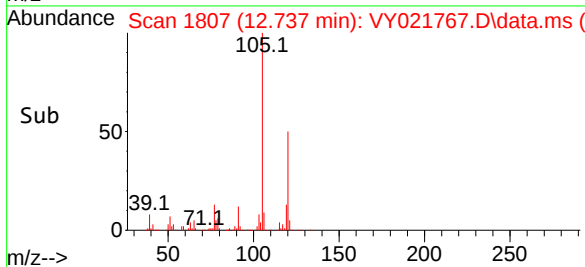
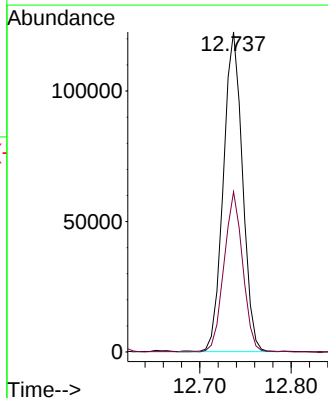
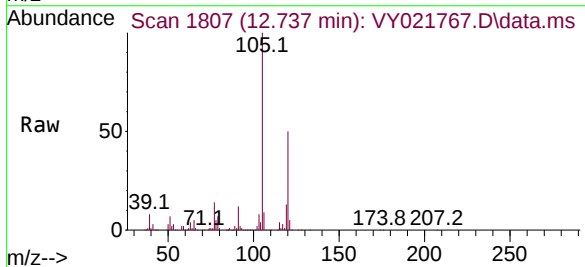
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

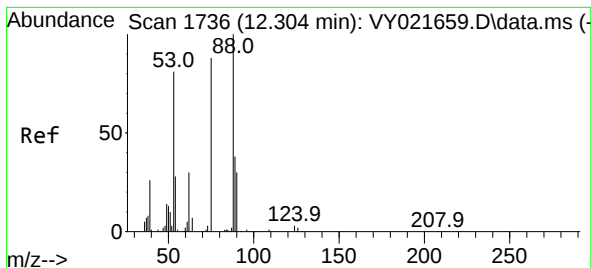
Tgt Ion: 91 Resp: 152039  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.3 52.0



#80  
1,3,5-Trimethylbenzene  
Concen: 19.424 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 105 Resp: 178205  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.5 73.5

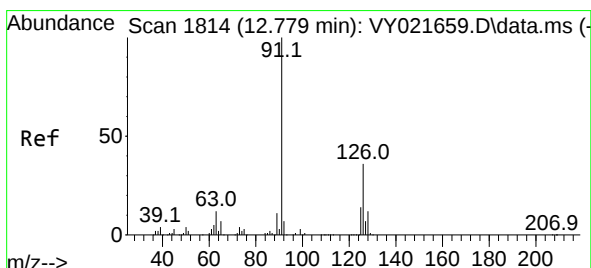
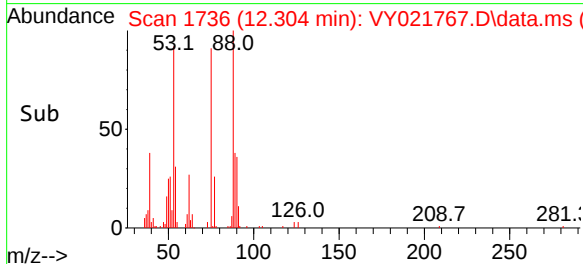
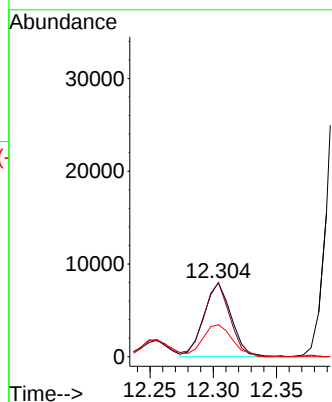
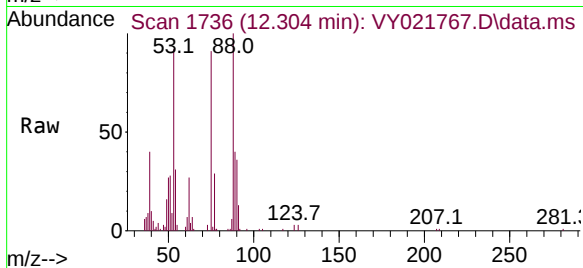




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.421 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

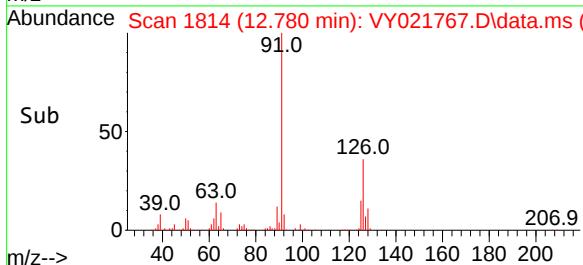
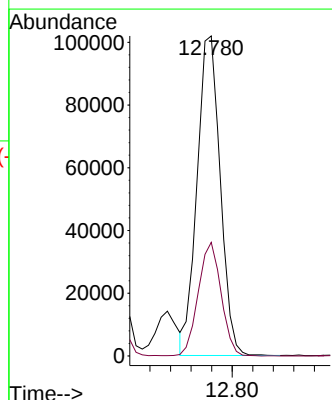
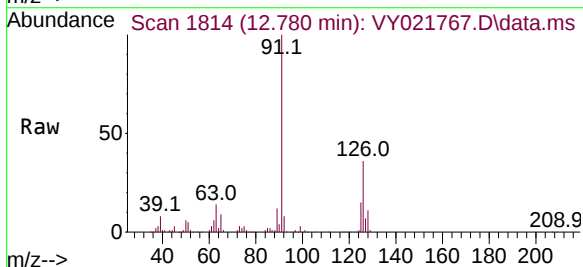
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0403SBSD01

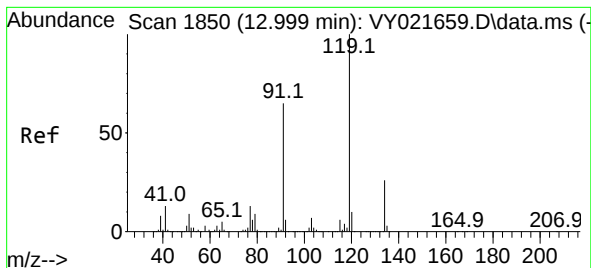
Tgt Ion: 75 Resp: 11977  
Ion Ratio Lower Upper  
75 100  
53 95.2 76.1 114.1  
89 46.3 36.2 54.4



#82  
4-Chlorotoluene  
Concen: 19.550 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY021767.D  
Acq: 03 Apr 2025 12:27

Tgt Ion: 91 Resp: 159765  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.904 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01

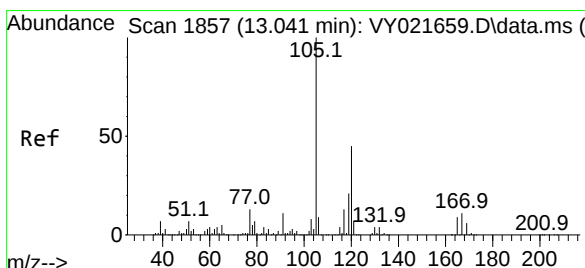
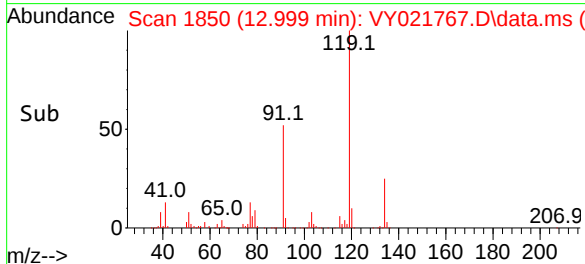
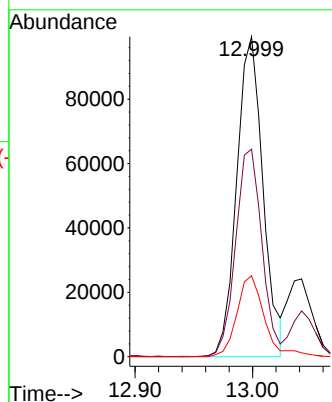
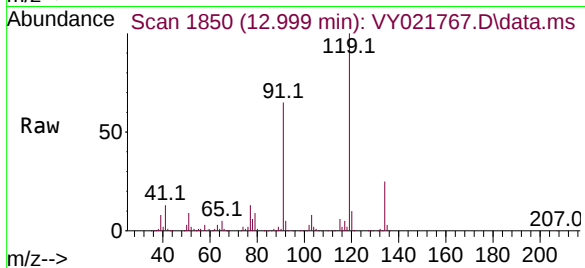
Tgt Ion:119 Resp: 154476

Ion Ratio Lower Upper

119 100

91 65.1 32.6 97.7

134 26.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.523 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021767.D

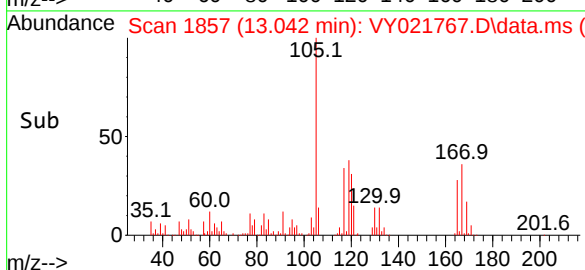
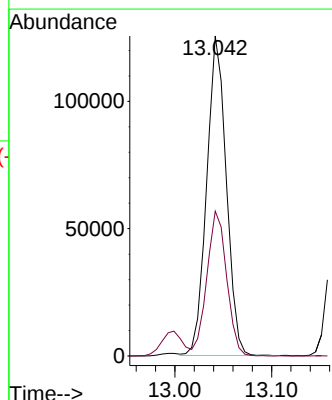
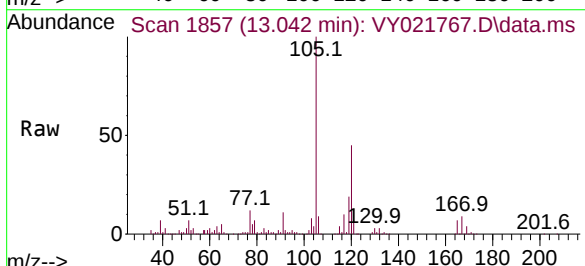
Acq: 03 Apr 2025 12:27

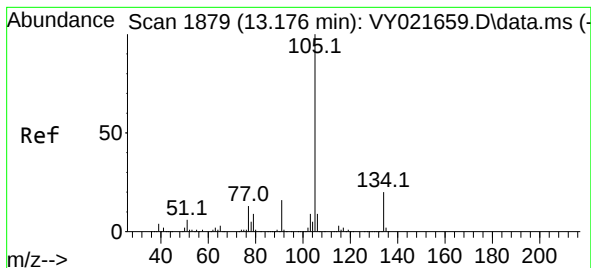
Tgt Ion:105 Resp: 177024

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.352 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

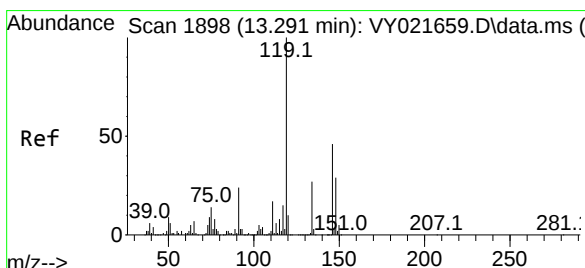
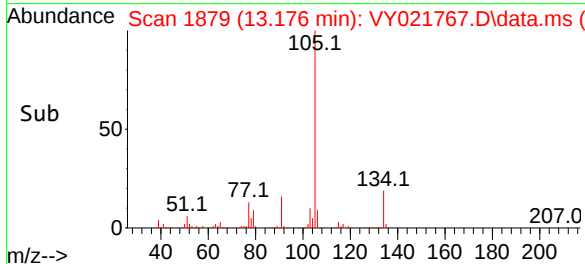
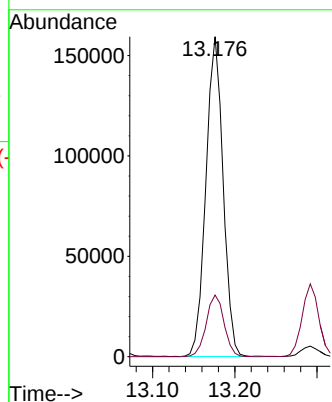
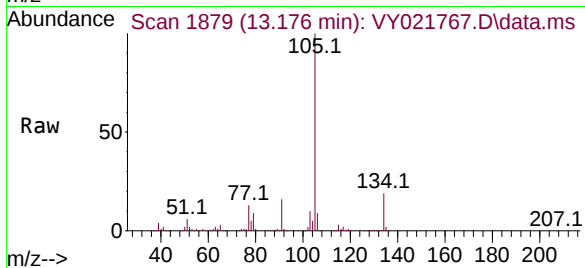
VY0403SBSD01

Tgt Ion:105 Resp: 231107

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.501 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

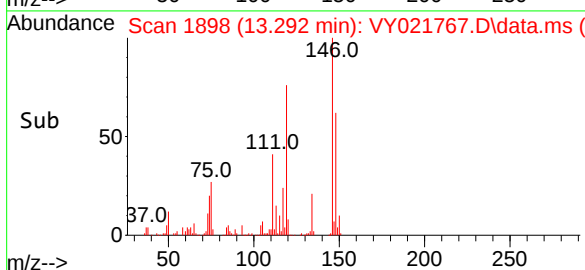
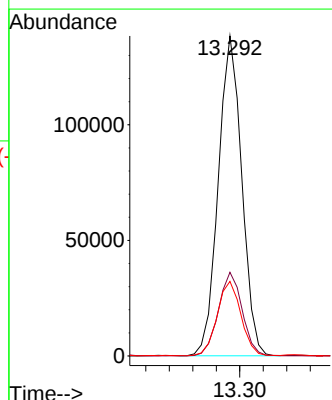
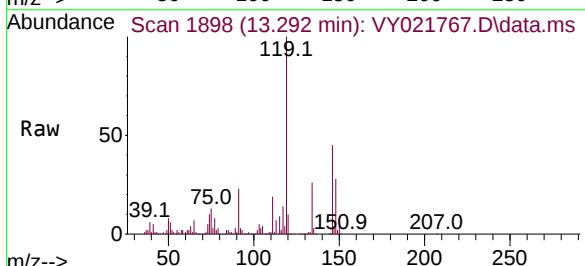
Tgt Ion:119 Resp: 192480

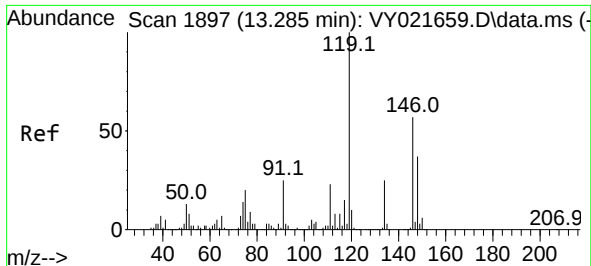
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 23.6 12.0 36.0

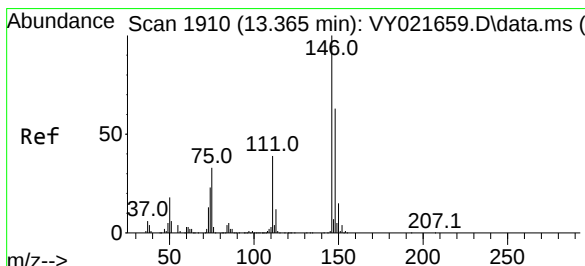
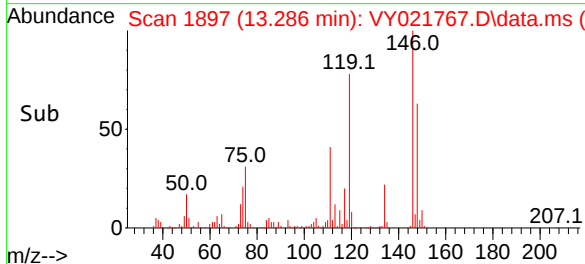
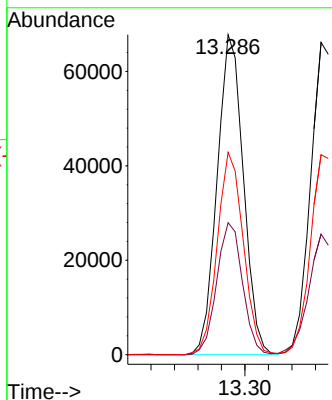
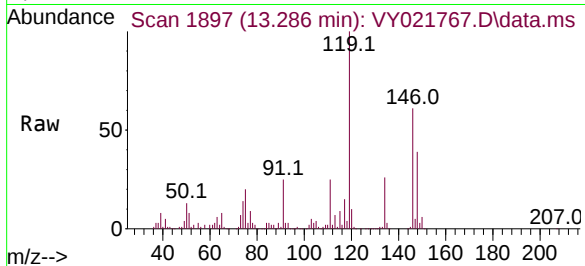




#87  
 1,3-Dichlorobenzene  
 Concen: 19.809 ug/l  
 RT: 13.286 min Scan# 1897  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

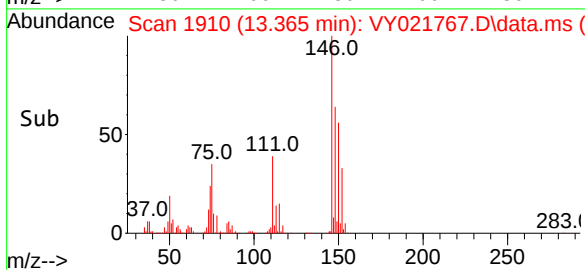
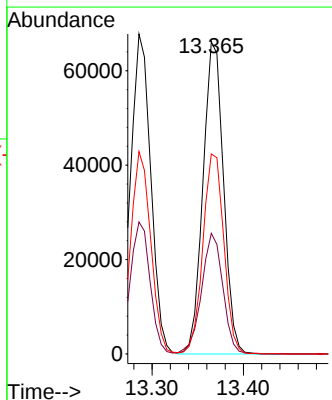
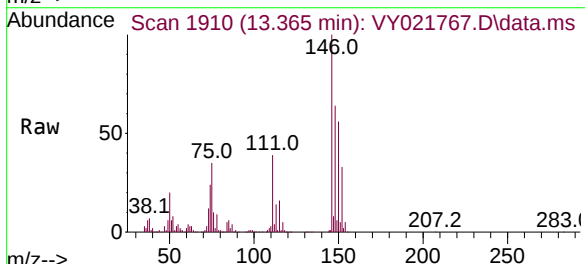
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0403SBSD01

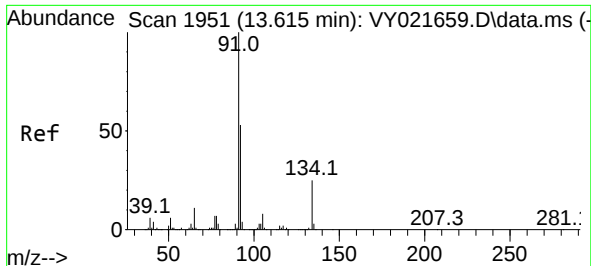
Tgt Ion:146 Resp: 105187  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 20.0 60.0  
 148 62.8 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 19.630 ug/l  
 RT: 13.365 min Scan# 1910  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

Tgt Ion:146 Resp: 102985  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 19.1 57.1  
 148 65.5 31.5 94.5





#89

n-Butylbenzene

Concen: 18.974 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01

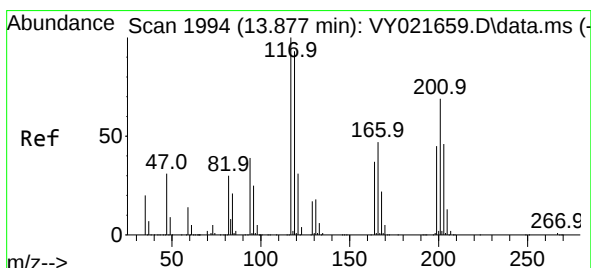
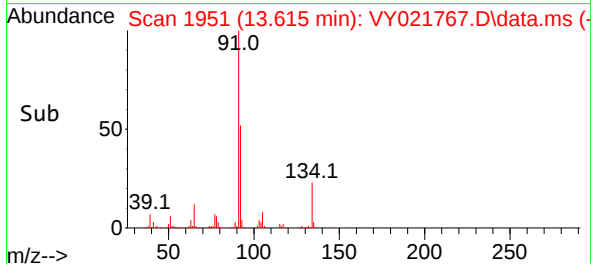
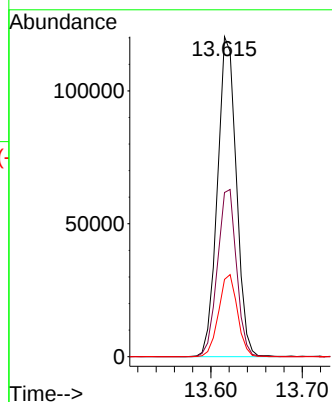
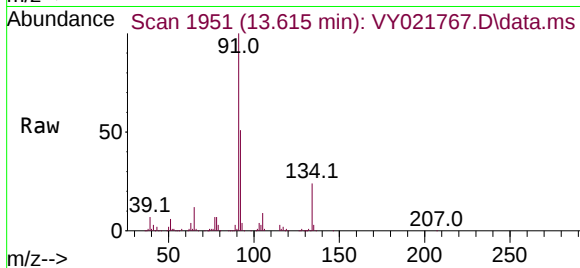
Tgt Ion: 91 Resp: 173191

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 18.992 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021767.D

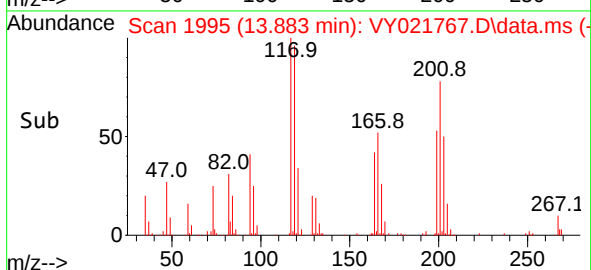
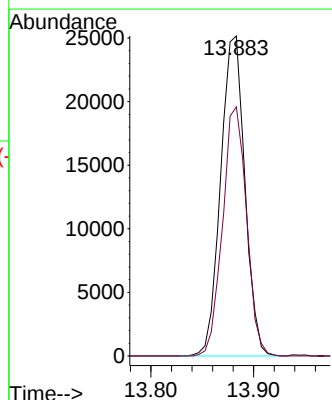
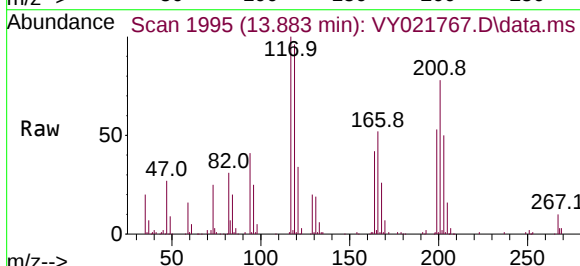
Acq: 03 Apr 2025 12:27

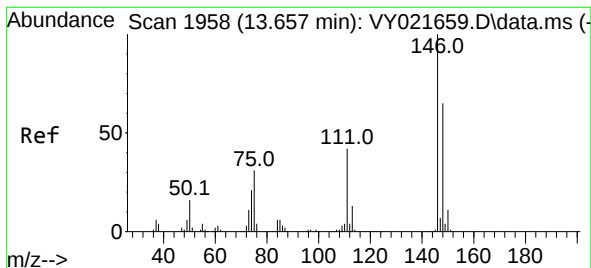
Tgt Ion: 117 Resp: 41078

Ion Ratio Lower Upper

117 100

201 77.1 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 19.676 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01

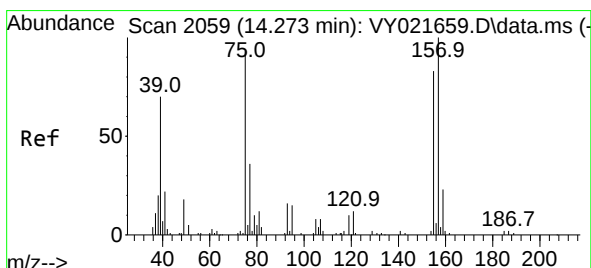
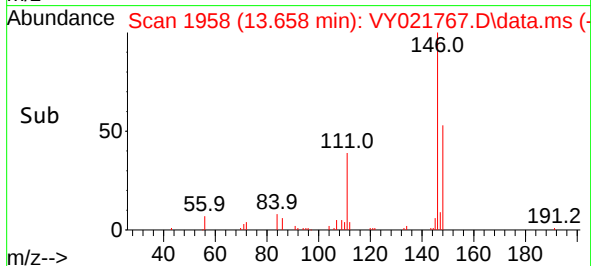
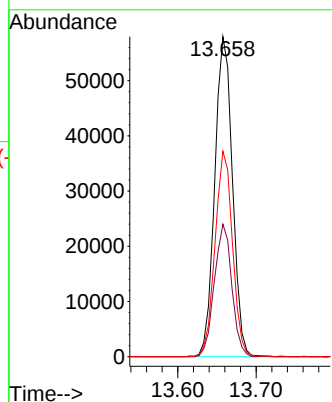
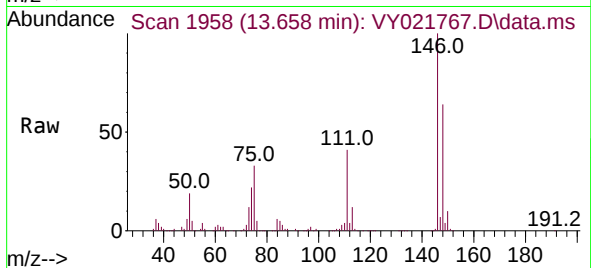
Tgt Ion:146 Resp: 90950

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

148 63.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.328 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

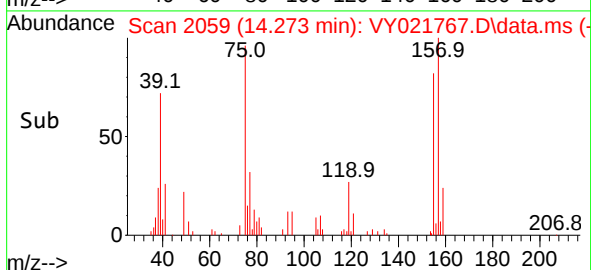
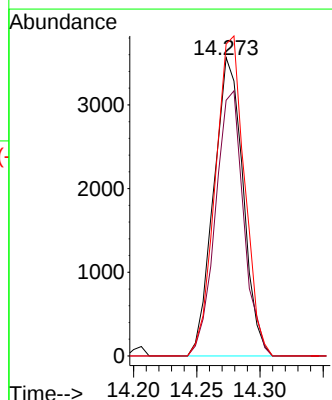
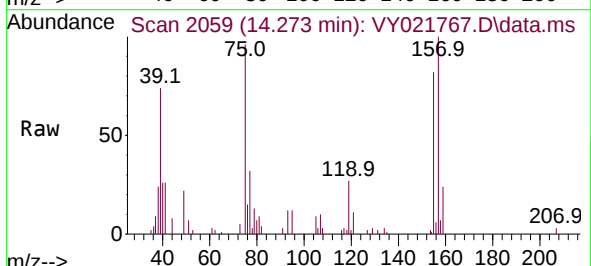
Tgt Ion: 75 Resp: 5733

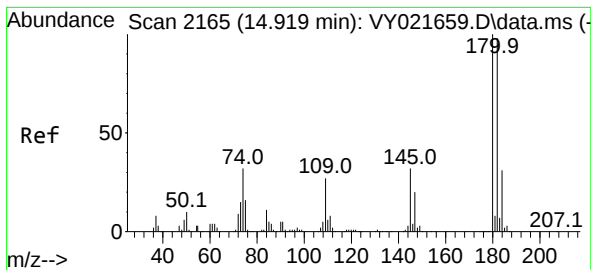
Ion Ratio Lower Upper

75 100

155 85.5 43.0 128.8

157 106.9 54.0 162.0

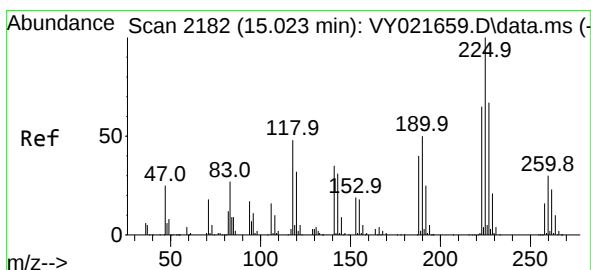
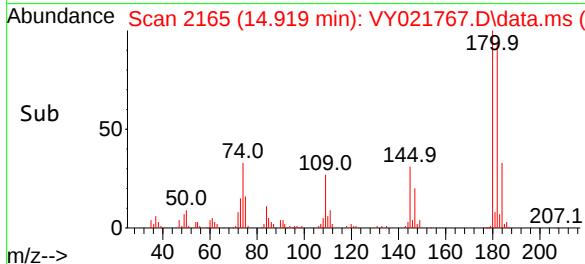
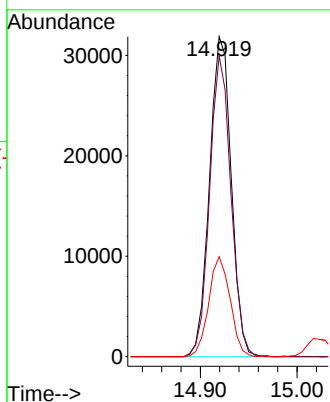
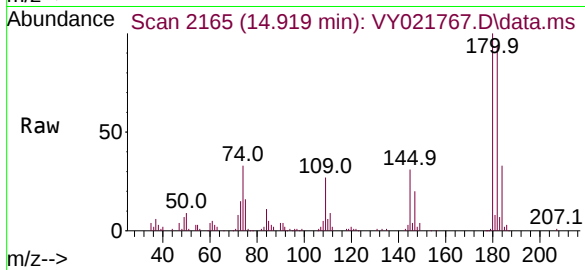




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.857 ug/l  
 RT: 14.919 min Scan# 2165  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

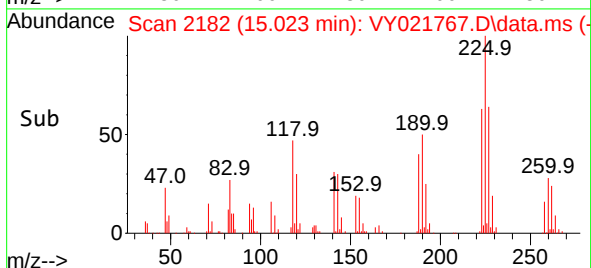
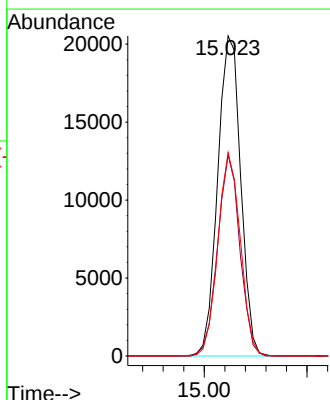
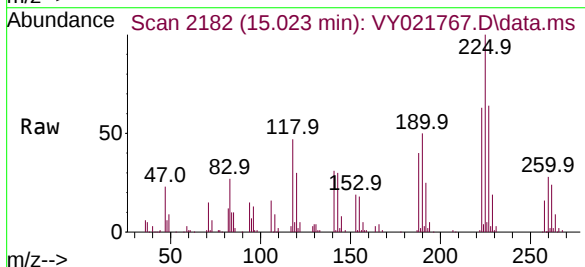
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0403SBS01

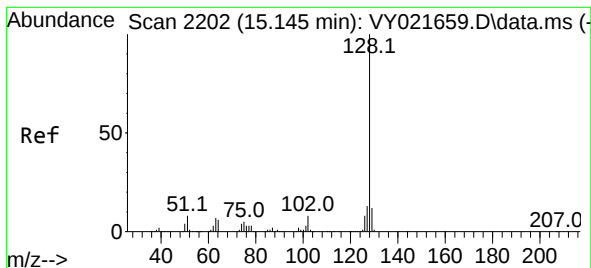
Tgt Ion:180 Resp: 49775  
 Ion Ratio Lower Upper  
 180 100  
 182 91.9 47.5 142.6  
 145 30.8 14.9 44.9



#94  
 Hexachlorobutadiene  
 Concen: 20.346 ug/l  
 RT: 15.023 min Scan# 2182  
 Delta R.T. 0.000 min  
 Lab File: VY021767.D  
 Acq: 03 Apr 2025 12:27

Tgt Ion:225 Resp: 31852  
 Ion Ratio Lower Upper  
 225 100  
 223 60.6 31.9 95.7  
 227 62.1 32.4 97.0





#95

Naphthalene

Concen: 18.215 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Instrument :

MSVOA\_Y

ClientSampleId :

VY0403SBSD01

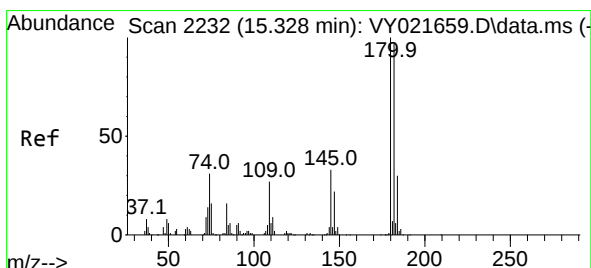
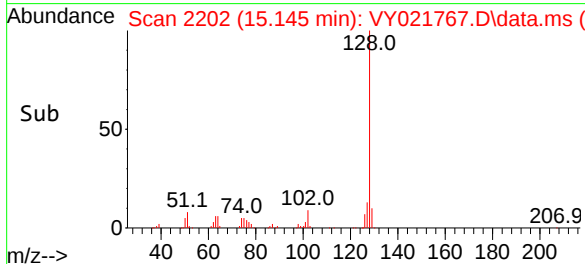
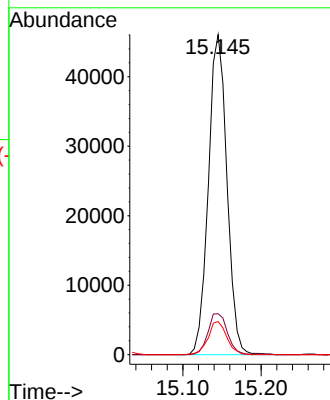
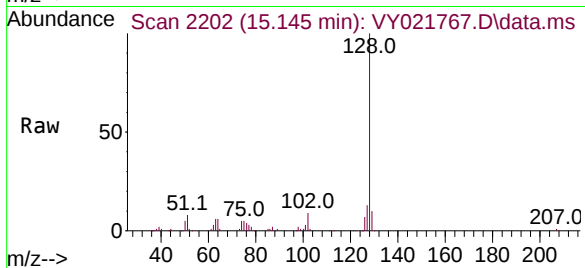
Tgt Ion:128 Resp: 75684

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.098 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021767.D

Acq: 03 Apr 2025 12:27

Tgt Ion:180 Resp: 40825

Ion Ratio Lower Upper

180 100

182 96.6 47.5 142.5

145 32.5 15.9 47.7

