

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011725\  
 Data File : VY020845.D  
 Acq On : 17 Jan 2025 10:58  
 Operator : SY/MD  
 Sample : VY0117SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 17 23:22:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010625S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 01:31:46 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.719  | 168  | 217641   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.622  | 114  | 320405   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.426 | 117  | 265072   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.352 | 152  | 132470   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.073  | 65    | 90941    | 49.161   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 98.320%  |
| 35) Dibromofluoromethane    | 7.646  | 113   | 98715    | 49.178   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.360%  |
| 50) Toluene-d8              | 10.115 | 98    | 377611   | 53.964   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 107.920% |
| 62) 4-Bromofluorobenzene    | 12.414 | 95    | 126828   | 49.081   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =    | 98.160%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 28029  | 17.548  | ug/l   | 95  |
| 3) Chloromethane             | 2.074 | 50  | 16425  | 19.530  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.214 | 62  | 19024  | 20.348  | ug/l   | 100 |
| 5) Bromomethane              | 2.604 | 94  | 12345  | 18.539  | ug/l   | 97  |
| 6) Chloroethane              | 2.745 | 64  | 11905  | 20.647  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.068 | 101 | 53635  | 18.692  | ug/l   | 89  |
| 8) Diethyl Ether             | 3.464 | 74  | 17348  | 19.333  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 3.830 | 101 | 39389  | 20.328  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.019 | 142 | 37971  | 18.285  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 4.872 | 59  | 16845  | 120.509 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.805 | 96  | 32739  | 19.290  | ug/l   | 97  |
| 13) Acrolein                 | 3.671 | 56  | 5104   | 130.022 | ug/l   | 95  |
| 14) Allyl chloride           | 4.397 | 41  | 47019  | 19.202  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.080 | 53  | 37852  | 99.255  | ug/l   | 98  |
| 16) Acetone                  | 3.879 | 43  | 25135  | 95.550  | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.122 | 76  | 63512  | 17.250  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.403 | 43  | 17499  | 19.702  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.134 | 73  | 89155  | 18.613  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.635 | 84  | 35222  | 19.388  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.134 | 96  | 35668  | 19.084  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.031 | 45  | 109808 | 21.052  | ug/l   | 99  |
| 23) Vinyl Acetate            | 5.976 | 43  | 286996 | 99.791  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 5.933 | 63  | 68015  | 19.764  | ug/l   | 98  |
| 25) 2-Butanone               | 6.902 | 43  | 44998  | 104.134 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 6.896 | 77  | 68466  | 19.162  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.909 | 96  | 44140  | 18.718  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.262 | 49  | 15924  | 17.148  | ug/l   | 89  |
| 29) Tetrahydrofuran          | 7.280 | 42  | 27704  | 100.364 | ug/l   | 96  |
| 30) Chloroform               | 7.433 | 83  | 76172  | 19.409  | ug/l   | 96  |
| 31) Cyclohexane              | 7.713 | 56  | 52667  | 19.566  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.628 | 97  | 71478  | 18.672  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.847 | 75  | 49813  | 19.456  | ug/l   | 100 |
| 37) Ethyl Acetate            | 6.994 | 43  | 21177  | 20.785  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.829 | 117 | 66065  | 18.537  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.115 | 83  | 61412  | 19.547  | ug/l   | 98  |
| 40) Benzene                  | 8.091 | 78  | 153373 | 19.518  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011725\  
 Data File : VY020845.D  
 Acq On : 17 Jan 2025 10:58  
 Operator : SY/MD  
 Sample : VY0117SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 17 23:22:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010625S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 01:31:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.232  | 41   | 11869    | 20.341  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.170  | 62   | 39976    | 18.629  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.207  | 43   | 40944    | 19.757  | ug/l   | 99       |
| 44) Trichloroethene           | 8.872  | 130  | 42558    | 19.428  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.152  | 63   | 36123    | 20.278  | ug/l   | 99       |
| 46) Dibromomethane            | 9.237  | 93   | 19792    | 19.348  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.432  | 83   | 55885    | 19.075  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.225  | 41   | 18136    | 19.521  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.237  | 88   | 4305     | 396.370 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.006 | 43   | 106396   | 102.766 | ug/l   | 98       |
| 52) Toluene                   | 10.176 | 92   | 103567   | 19.903  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.402 | 75   | 50392    | 19.339  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.865  | 75   | 58951    | 19.480  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.579 | 97   | 29402    | 20.119  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.444 | 69   | 36590    | 19.825  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.725 | 76   | 47913    | 20.113  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.719  | 63   | 68244    | 93.206  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.768 | 43   | 67325    | 101.361 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.920 | 129  | 40822    | 19.260  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.024 | 107  | 25919    | 19.755  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.652 | 164  | 38268    | 19.636  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.450 | 112  | 116118   | 19.813  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131  | 43539    | 19.514  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.524 | 91   | 200662   | 19.776  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.633 | 106  | 153136   | 39.199  | ug/l   | 99       |
| 69) o-Xylene                  | 11.962 | 106  | 72226    | 19.499  | ug/l   | 99       |
| 70) Styrene                   | 11.975 | 104  | 122710   | 19.680  | ug/l   | 99       |
| 71) Bromoform                 | 12.139 | 173  | 24682    | 19.460  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.261 | 105  | 204929   | 19.500  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.078 | 43   | 35024    | 20.374  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83   | 31736    | 19.925  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.566 | 75   | 41008    | 35.380  | ug/l # | 100      |
| 77) Bromobenzene              | 12.542 | 156  | 47224    | 19.490  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.603 | 91   | 238760   | 20.016  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.688 | 91   | 134655   | 19.603  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105  | 165950   | 19.485  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 10466    | 19.039  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.786 | 91   | 138259   | 19.504  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 155123   | 19.474  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.048 | 105  | 160495   | 19.298  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.182 | 105  | 224187   | 20.149  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.298 | 119  | 189220   | 19.936  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 92463    | 19.640  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.377 | 146  | 90535    | 19.536  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.627 | 91   | 166069   | 20.168  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.889 | 117  | 36298    | 19.045  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.669 | 146  | 80199    | 19.483  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.285 | 75   | 4509     | 17.508  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 14.931 | 180  | 47156    | 19.906  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.035 | 225  | 34810    | 20.844  | ug/l   | 96       |
| 95) Naphthalene               | 15.151 | 128  | 74764    | 19.176  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.340 | 180  | 39572    | 19.939  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011725\  
Data File : VY020845.D  
Acq On : 17 Jan 2025 10:58  
Operator : SY/MD  
Sample : VY0117SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

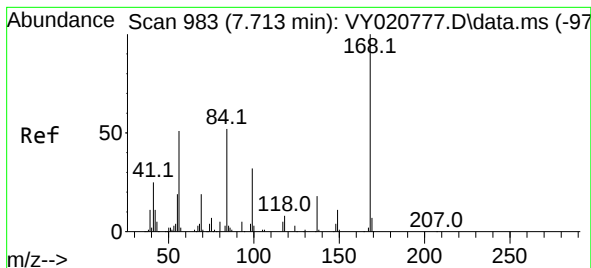
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jan 17 23:22:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010625S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 07 01:31:46 2025  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

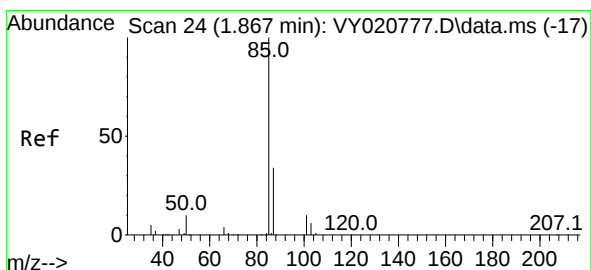
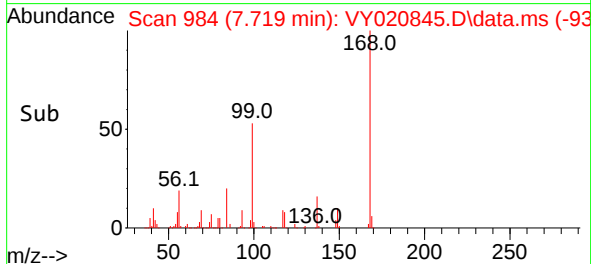
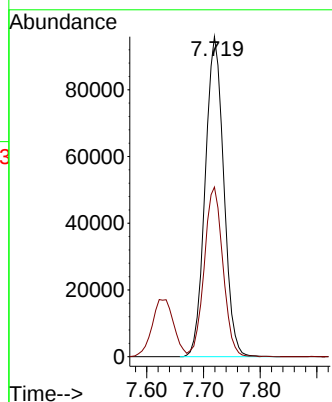
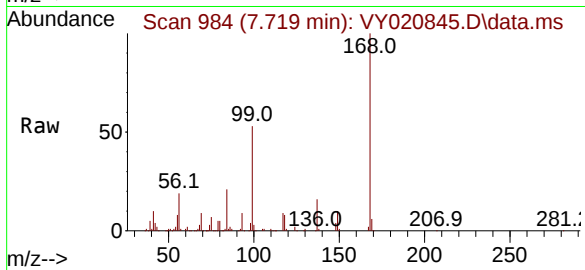
ClientSampleId :

Tgt Ion:168 Resp: 217641

Ion Ratio Lower Upper

168 100

99 53.0 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 17.548 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY020845.D

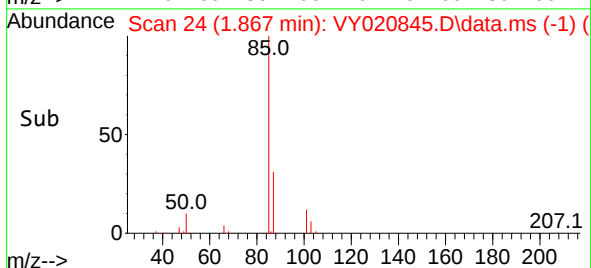
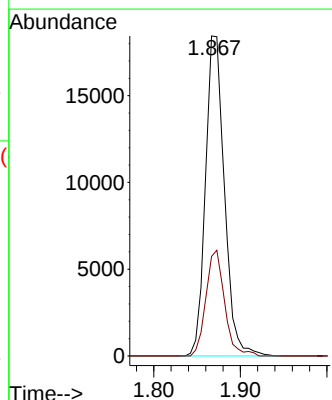
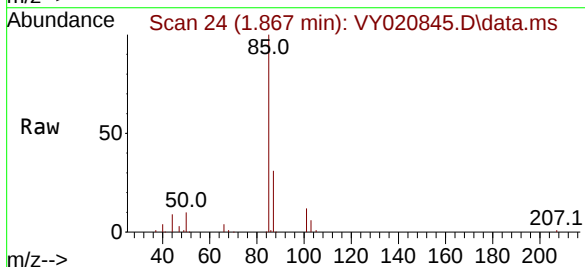
Acq: 17 Jan 2025 10:58

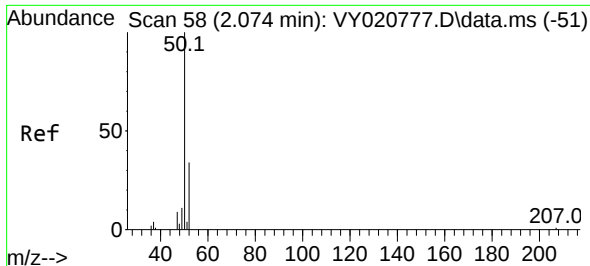
Tgt Ion: 85 Resp: 28029

Ion Ratio Lower Upper

85 100

87 31.1 16.9 50.6

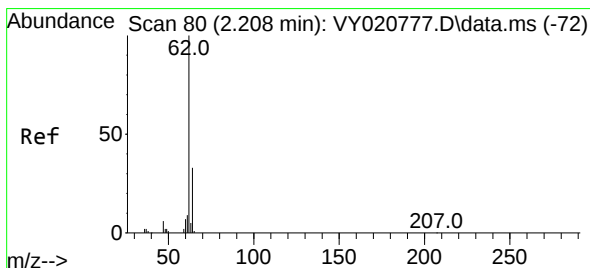
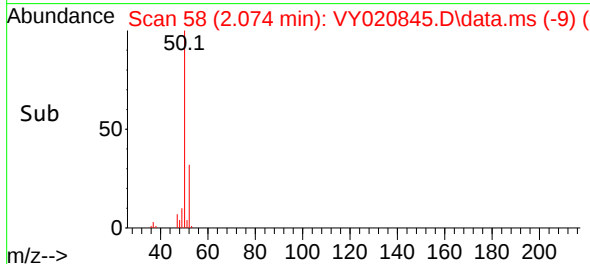
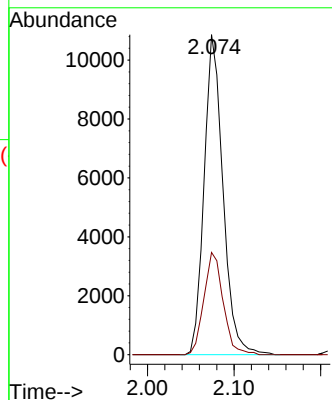
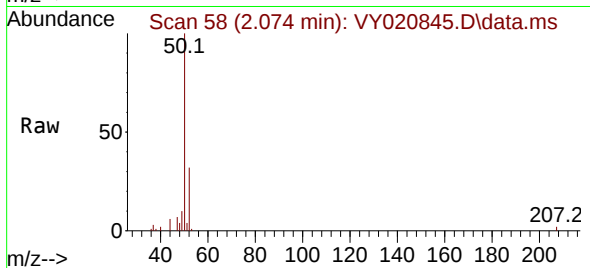




#3  
Chloromethane  
Concen: 19.530 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

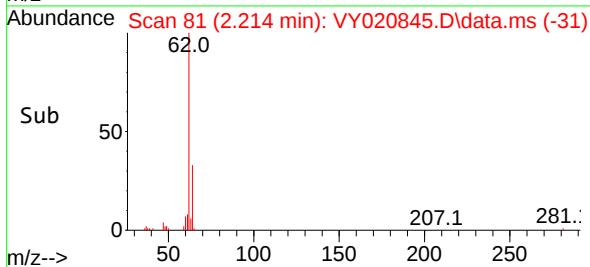
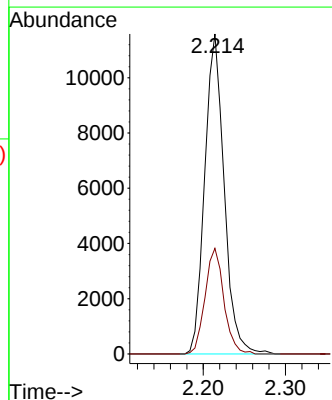
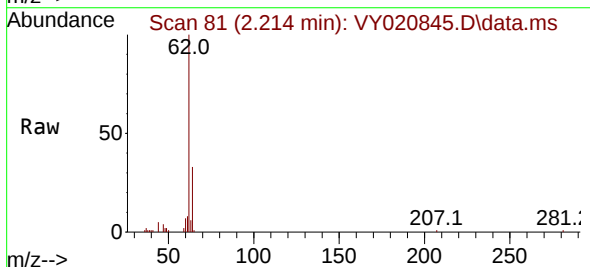
Instrument :  
MSVOA\_Y  
ClientSampleId :

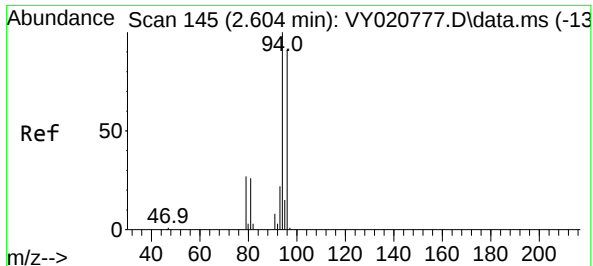
Tgt Ion: 50 Resp: 16425  
Ion Ratio Lower Upper  
50 100  
52 31.9 27.3 40.9



#4  
Vinyl Chloride  
Concen: 20.348 ug/l  
RT: 2.214 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

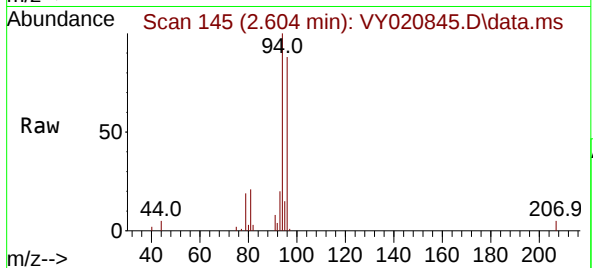
Tgt Ion: 62 Resp: 19024  
Ion Ratio Lower Upper  
62 100  
64 33.0 26.6 39.8



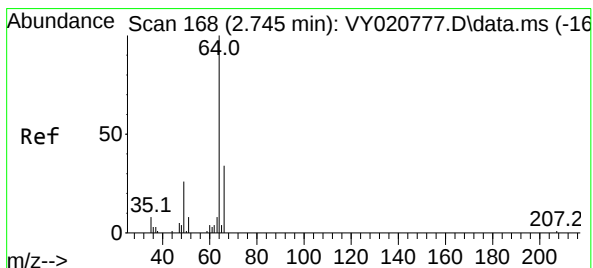
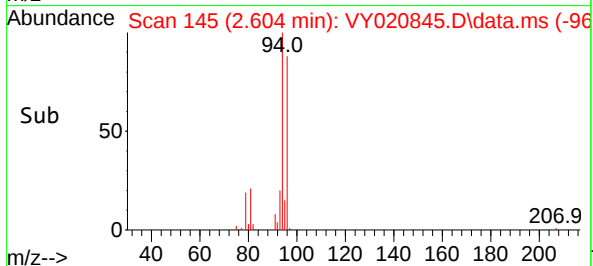
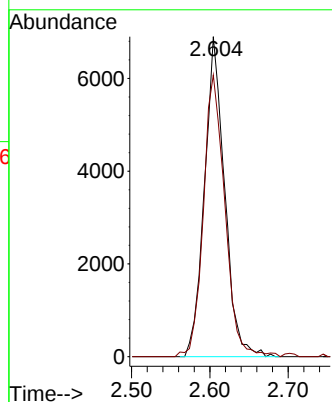


#5  
Bromomethane  
Concen: 18.539 ug/l  
RT: 2.604 min Scan# 145  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Instrument :  
MSVOA\_Y  
ClientSampleId :

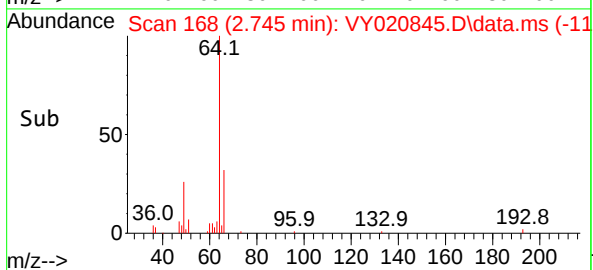
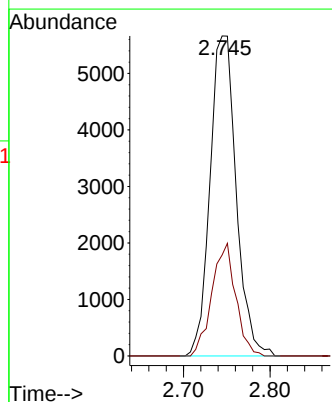
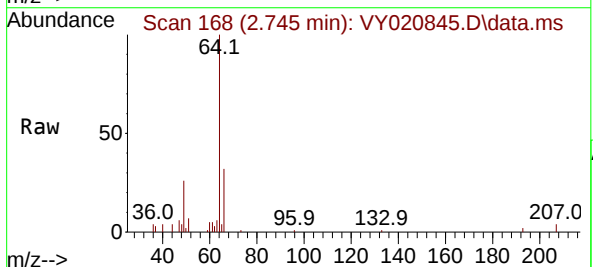


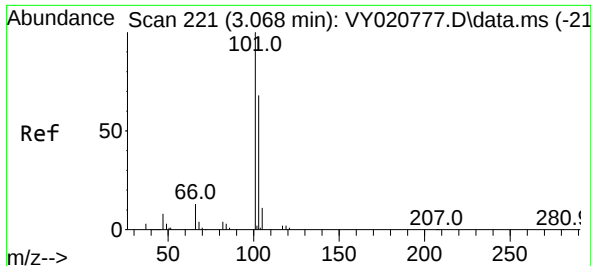
Tgt Ion: 94 Resp: 12345  
Ion Ratio Lower Upper  
94 100  
96 88.0 72.6 109.0



#6  
Chloroethane  
Concen: 20.647 ug/l  
RT: 2.745 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 64 Resp: 11905  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.9 40.3

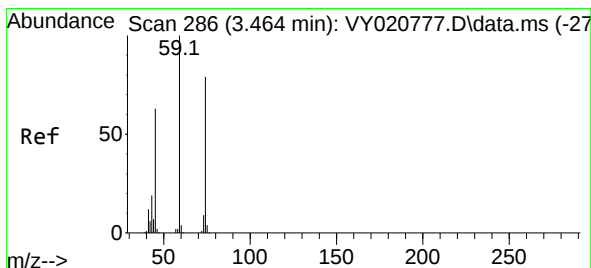
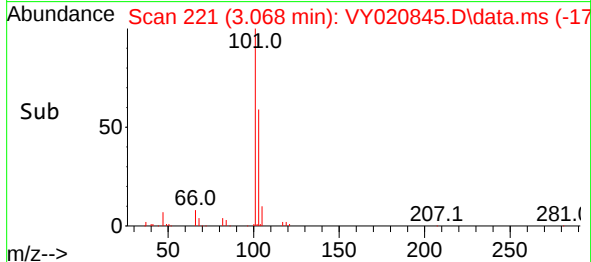
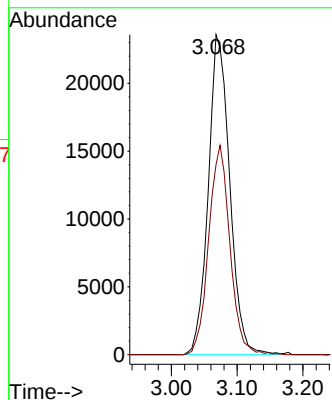
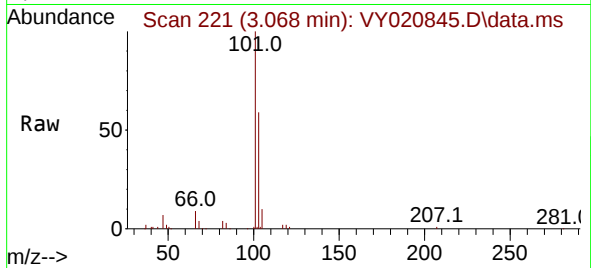




#7  
 Trichlorofluoromethane  
 Concen: 18.692 ug/l  
 RT: 3.068 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

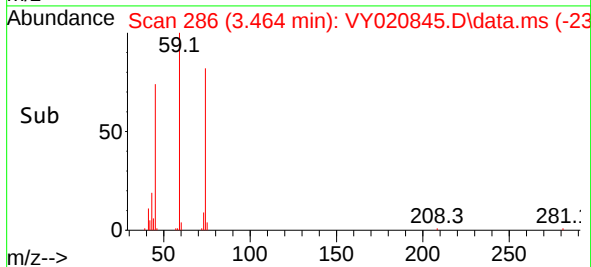
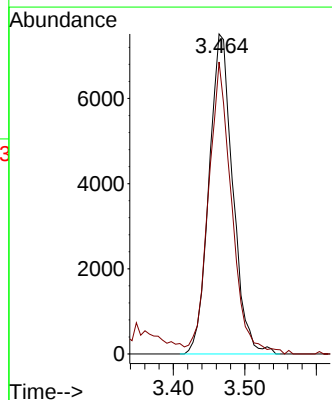
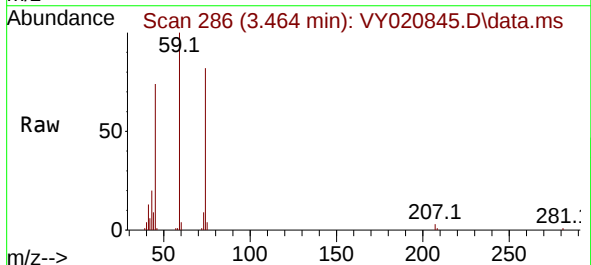
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

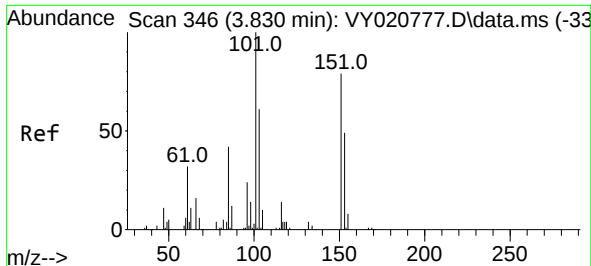
Tgt Ion:101 Resp: 53635  
 Ion Ratio Lower Upper  
 101 100  
 103 59.4 54.6 82.0



#8  
 Diethyl Ether  
 Concen: 19.333 ug/l  
 RT: 3.464 min Scan# 286  
 Delta R.T. -0.000 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

Tgt Ion: 74 Resp: 17348  
 Ion Ratio Lower Upper  
 74 100  
 45 89.2 41.3 124.1

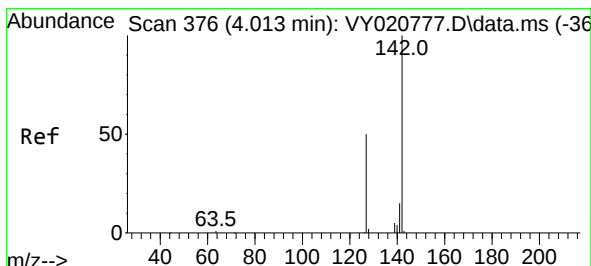
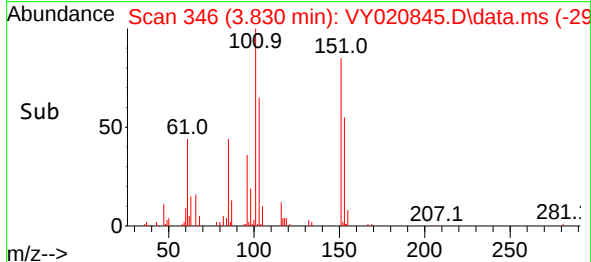
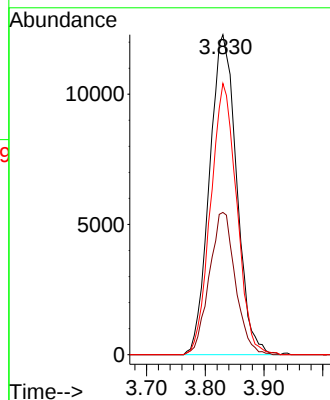
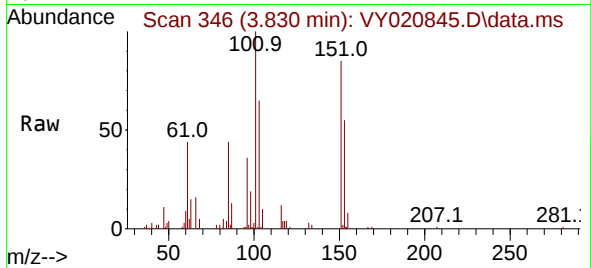




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.328 ug/l  
RT: 3.830 min Scan# 346  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

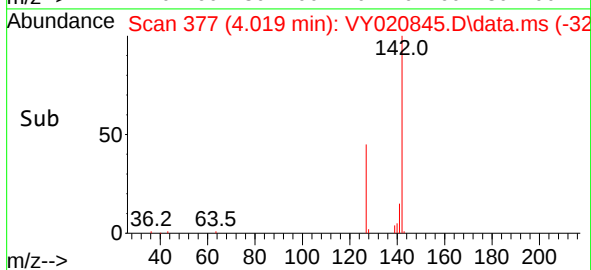
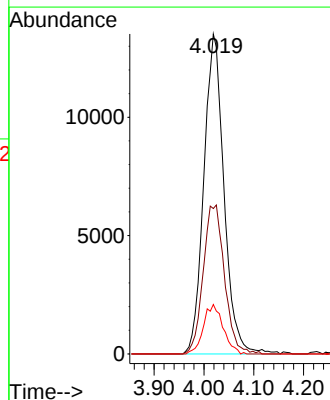
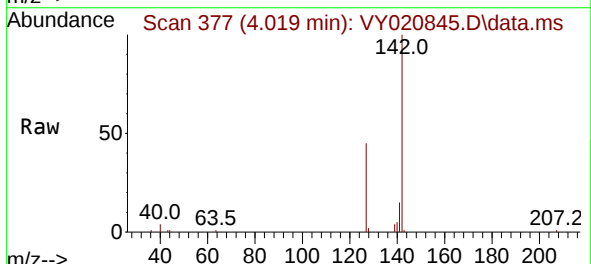
Instrument :  
MSVOA\_Y  
ClientSampleId :

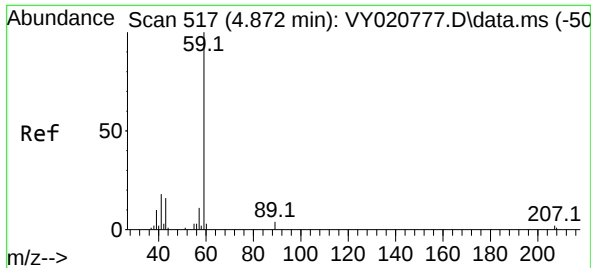
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 39389       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 42.8  | 35.9 53.9   |
| 151         | 81.7  | 66.9 100.3  |



#10  
Methyl Iodide  
Concen: 18.285 ug/l  
RT: 4.019 min Scan# 377  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 37971       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 49.2  | 41.0 61.6   |
| 141         | 15.1  | 11.6 17.4   |

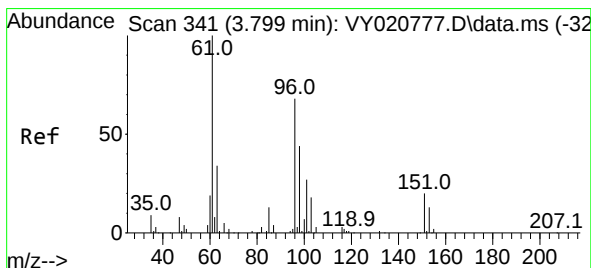
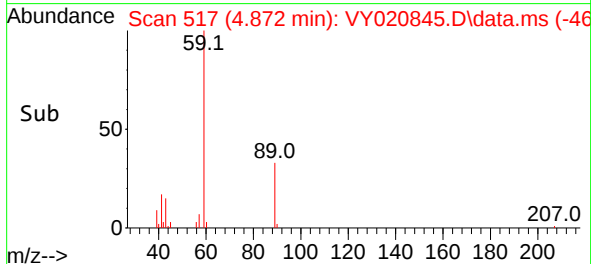
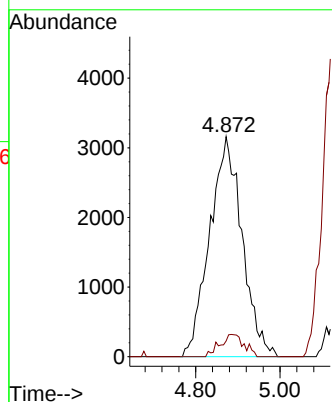
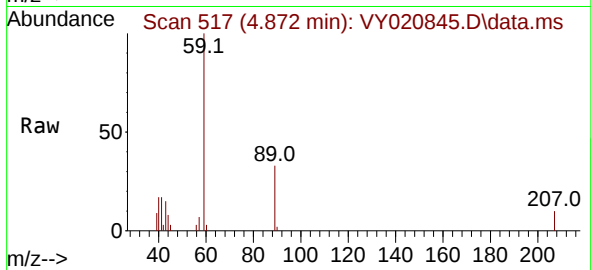




#11  
Tert butyl alcohol  
Concen: 120.509 ug/l  
RT: 4.872 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

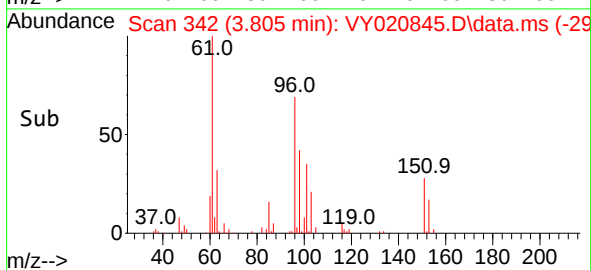
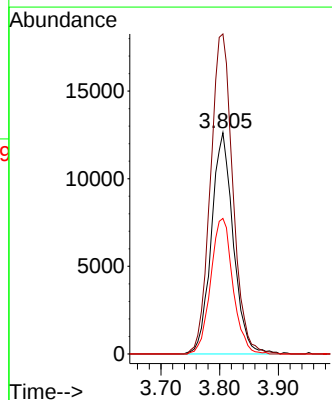
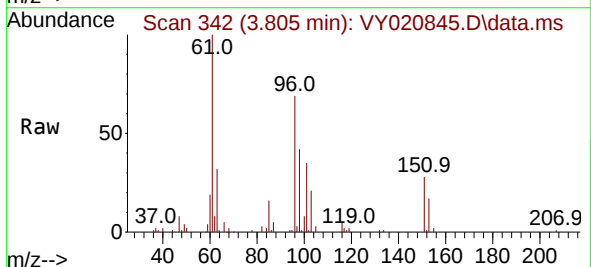
Instrument :  
MSVOA\_Y  
ClientSampleId :

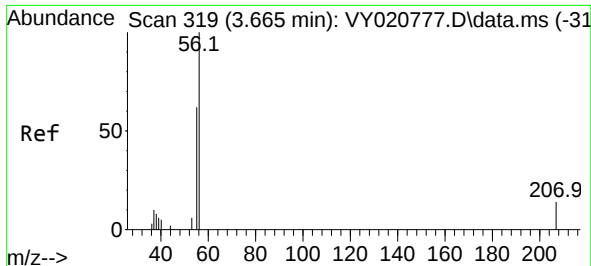
Tgt Ion: 59 Resp: 16845  
Ion Ratio Lower Upper  
59 100  
57 7.4 7.8 11.8#



#12  
1,1-Dichloroethene  
Concen: 19.290 ug/l  
RT: 3.805 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 96 Resp: 32739  
Ion Ratio Lower Upper  
96 100  
61 144.6 117.8 176.8  
98 61.2 51.9 77.9





#13

Acrolein

Concen: 130.022 ug/l

RT: 3.671 min Scan# 319

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

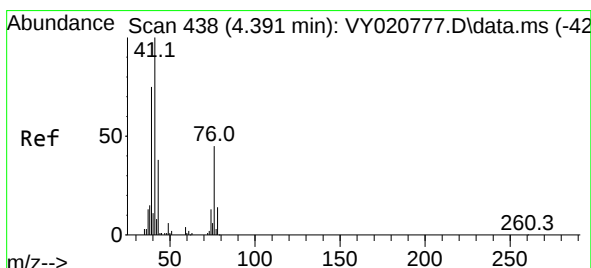
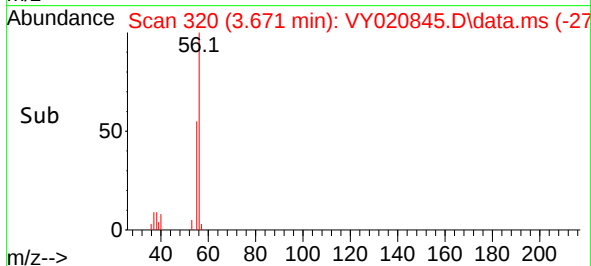
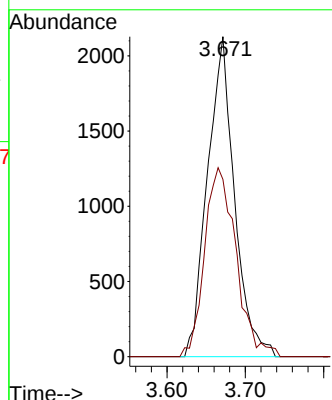
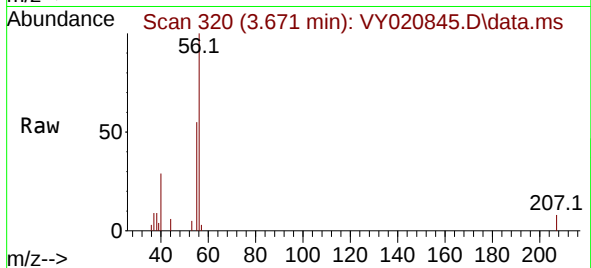
ClientSampleId :

Tgt Ion: 56 Resp: 5104

Ion Ratio Lower Upper

56 100

55 68.7 58.1 87.1



#14

Allyl chloride

Concen: 19.202 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

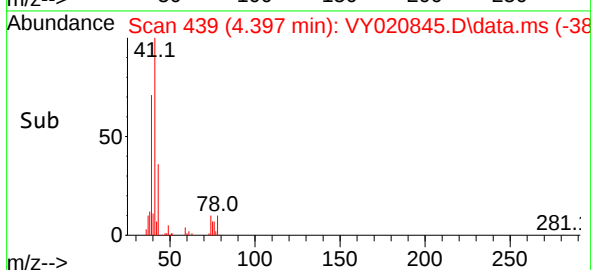
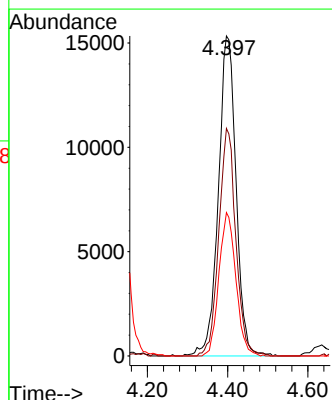
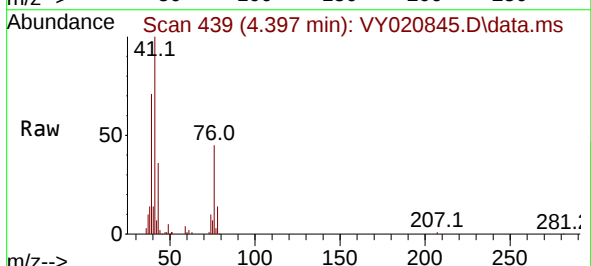
Tgt Ion: 41 Resp: 47019

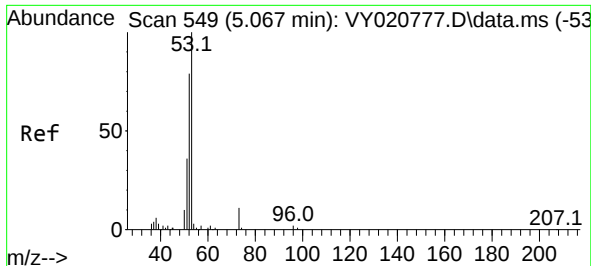
Ion Ratio Lower Upper

41 100

39 68.6 57.5 86.3

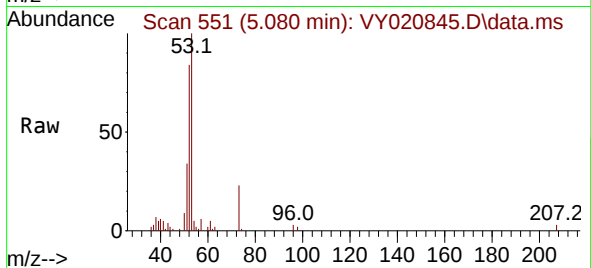
76 42.9 35.6 53.4



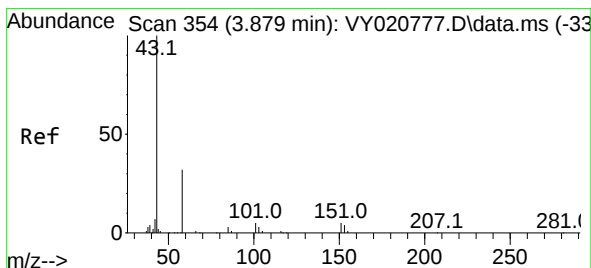
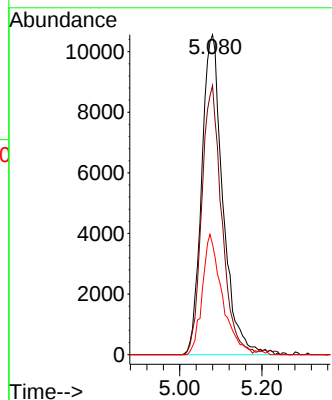
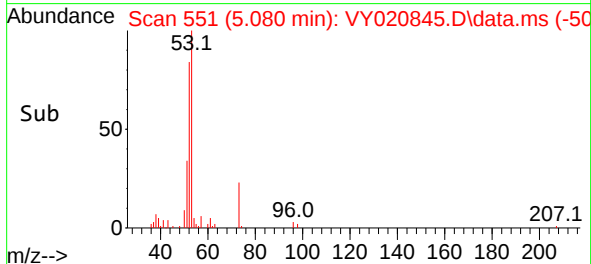


#15  
Acrylonitrile  
Concen: 99.255 ug/l  
RT: 5.080 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Instrument :  
MSVOA\_Y  
ClientSampleId :

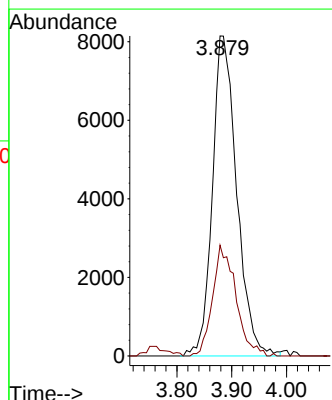
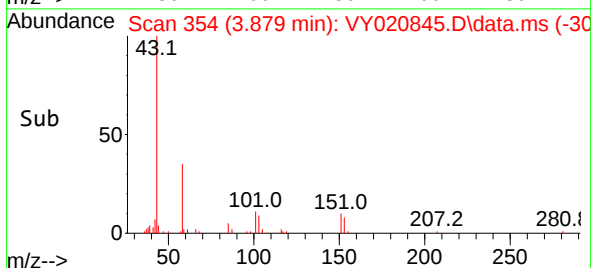
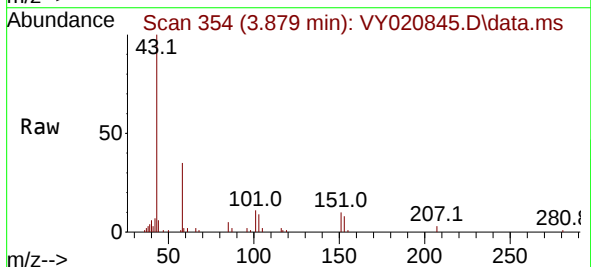


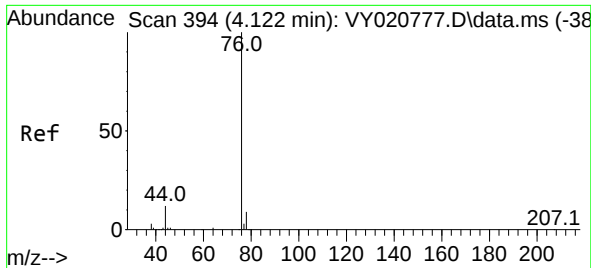
Tgt Ion: 53 Resp: 37852  
Ion Ratio Lower Upper  
53 100  
52 79.2 64.3 96.5  
51 35.3 29.3 43.9



#16  
Acetone  
Concen: 95.550 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 43 Resp: 25135  
Ion Ratio Lower Upper  
43 100  
58 34.6 26.7 40.1

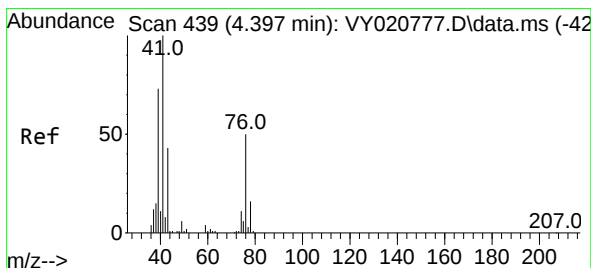
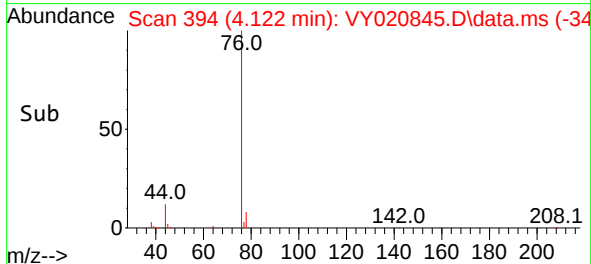
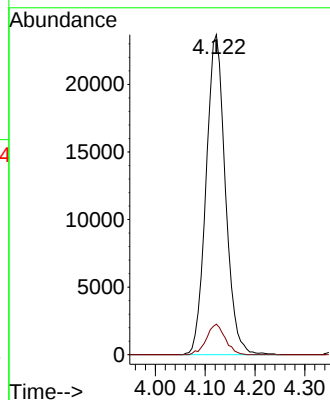
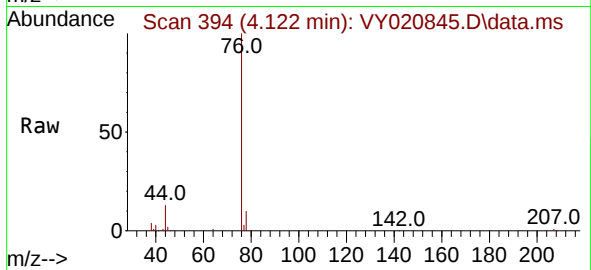




#17  
Carbon Disulfide  
Concen: 17.250 ug/l  
RT: 4.122 min Scan# 394  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

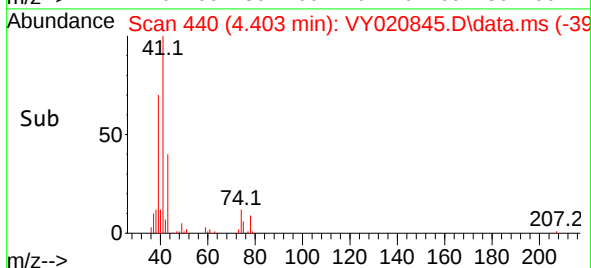
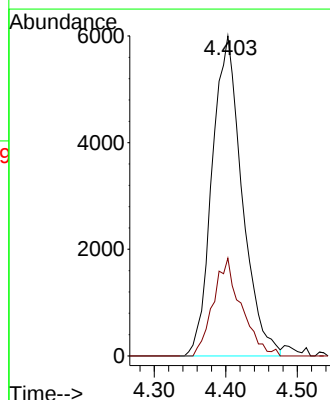
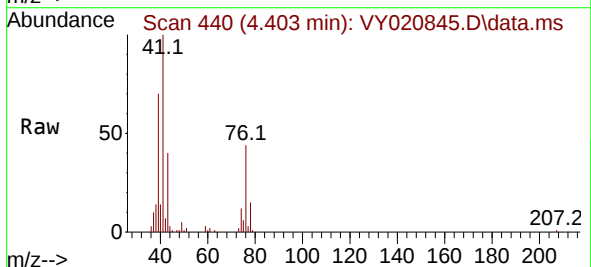
Instrument :  
MSVOA\_Y  
ClientSampleId :

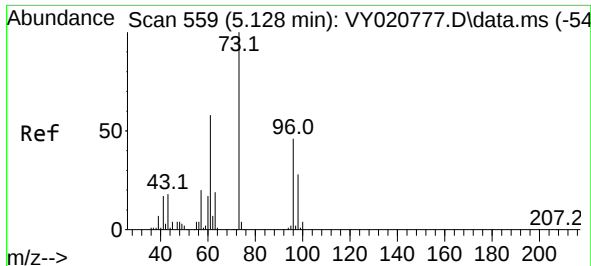
Tgt Ion: 76 Resp: 63512  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.2



#18  
Methyl Acetate  
Concen: 19.702 ug/l  
RT: 4.403 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 43 Resp: 17499  
Ion Ratio Lower Upper  
43 100  
74 28.6 23.0 34.6

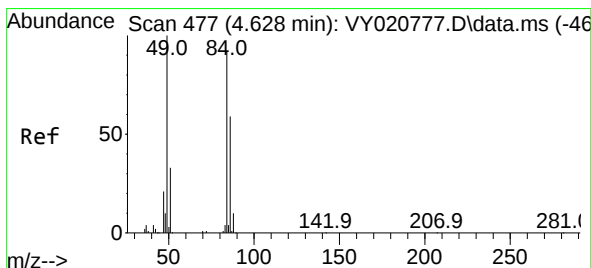
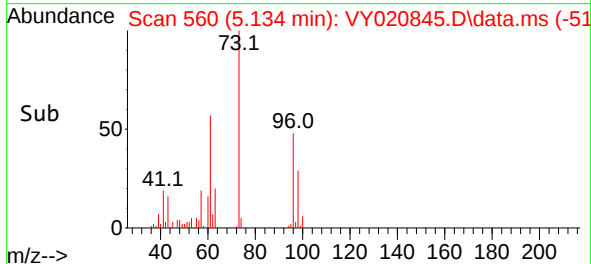
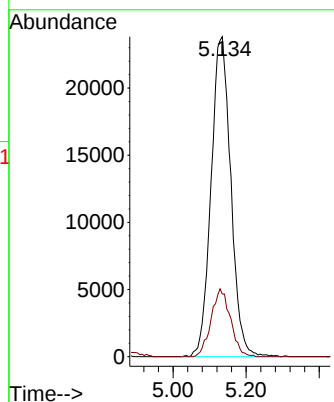
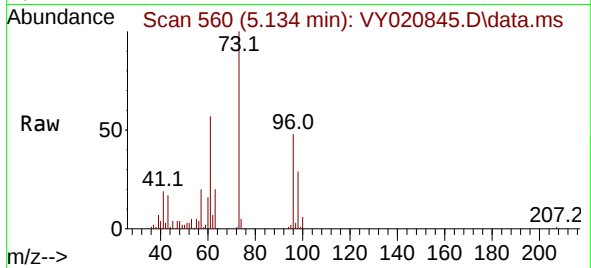




#19  
Methyl tert-butyl Ether  
Concen: 18.613 ug/l  
RT: 5.134 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

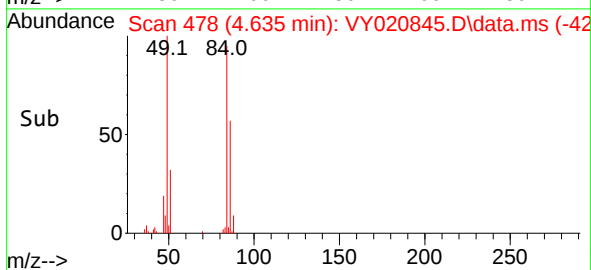
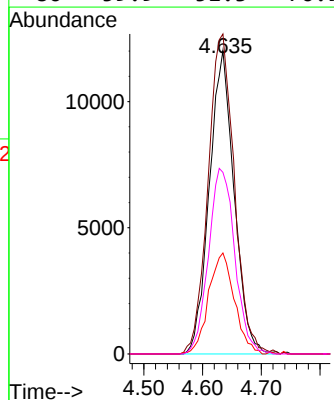
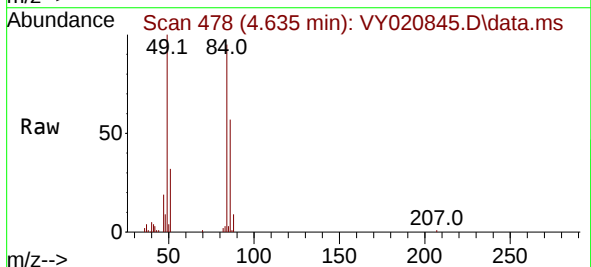
Instrument :  
MSVOA\_Y  
ClientSampleId :

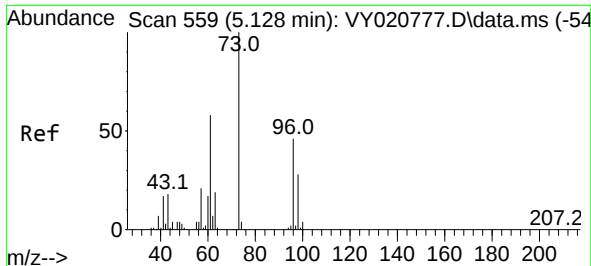
Tgt Ion: 73 Resp: 89155  
Ion Ratio Lower Upper  
73 100  
57 19.6 16.4 24.6



#20  
Methylene Chloride  
Concen: 19.388 ug/l  
RT: 4.635 min Scan# 478  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 84 Resp: 35222  
Ion Ratio Lower Upper  
84 100  
49 105.5 86.7 130.1  
51 33.3 28.4 42.6  
86 59.9 51.3 76.9

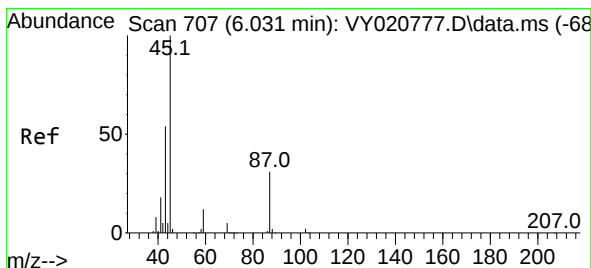
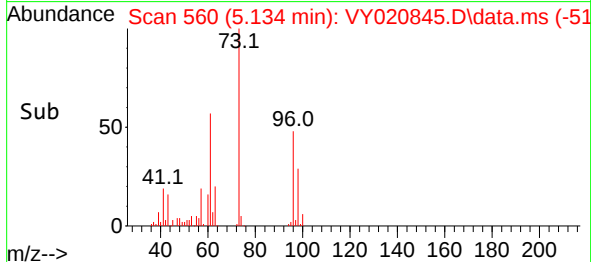
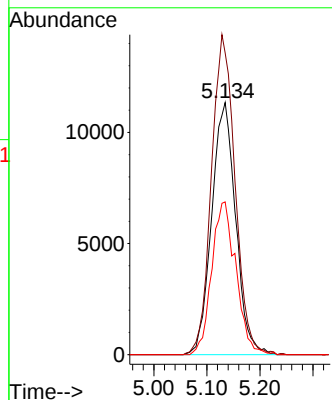
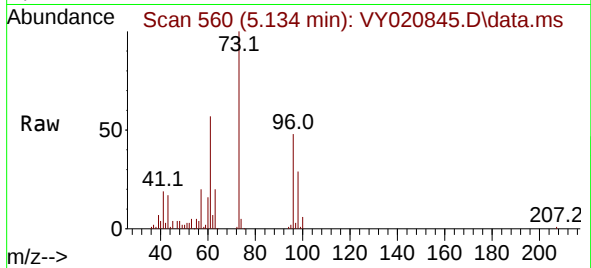




#21  
trans-1,2-Dichloroethene  
Concen: 19.084 ug/l  
RT: 5.134 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

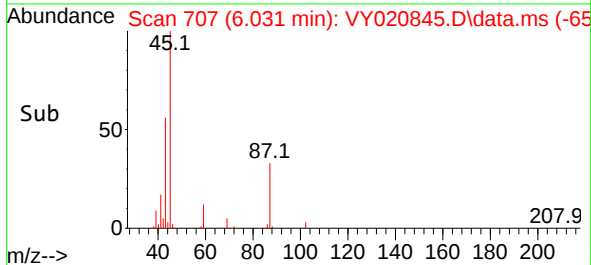
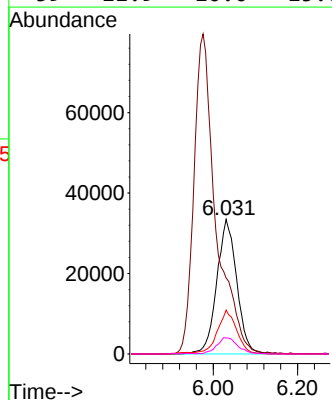
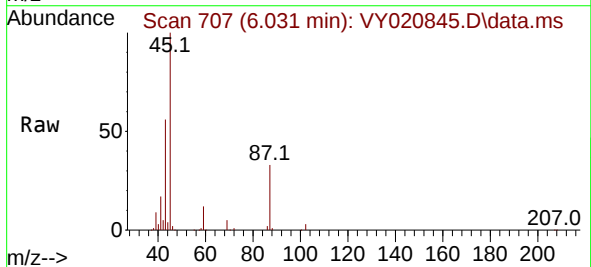
Instrument :  
MSVOA\_Y  
ClientSampleId :

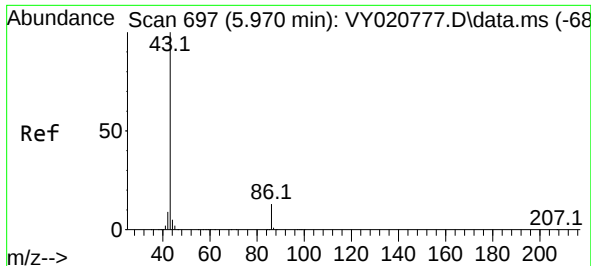
Tgt Ion: 96 Resp: 35668  
Ion Ratio Lower Upper  
96 100  
61 119.6 101.6 152.4  
98 60.6 49.4 74.2



#22  
Diisopropyl ether  
Concen: 21.052 ug/l  
RT: 6.031 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 45 Resp: 109808  
Ion Ratio Lower Upper  
45 100  
43 55.6 43.9 65.9  
87 32.6 25.3 37.9  
59 11.9 10.0 15.0

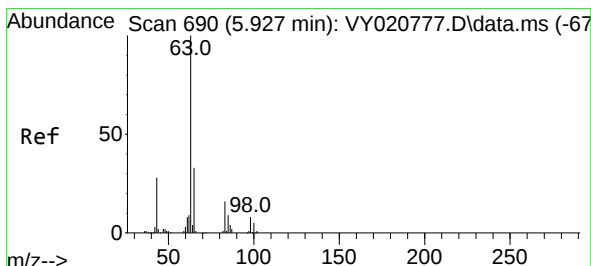
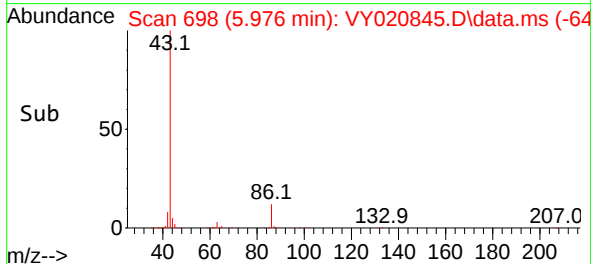
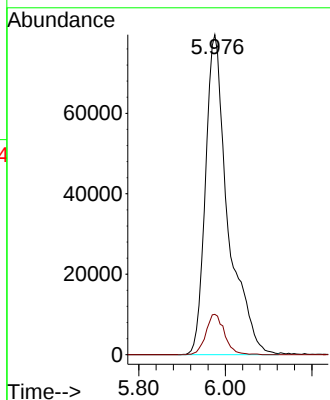
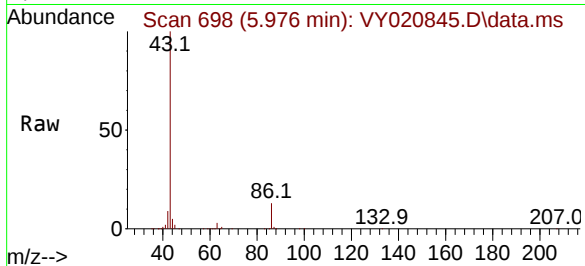




#23  
 Vinyl Acetate  
 Concen: 99.791 ug/l  
 RT: 5.976 min Scan# 698  
 Delta R.T. 0.006 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

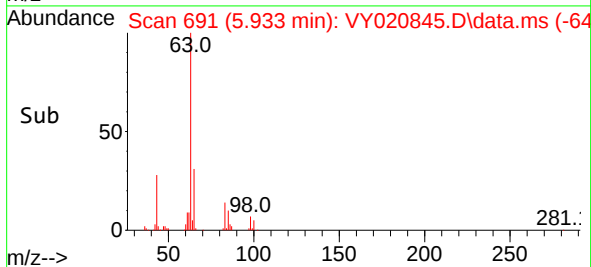
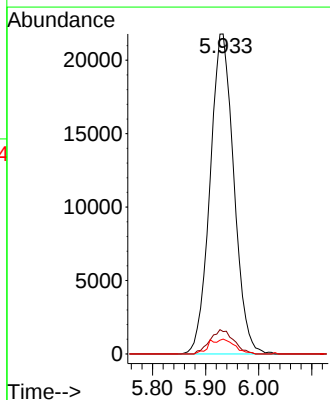
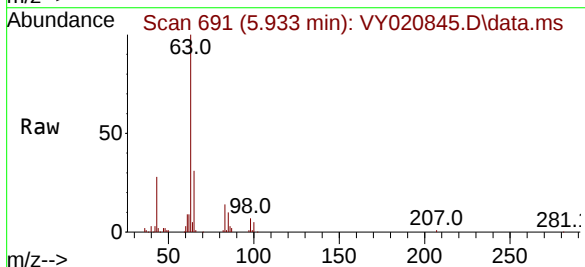
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

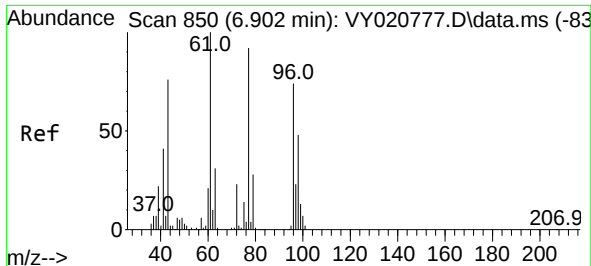
Tgt Ion: 43 Resp: 286996  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 10.5 15.7



#24  
 1,1-Dichloroethane  
 Concen: 19.764 ug/l  
 RT: 5.933 min Scan# 691  
 Delta R.T. 0.006 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

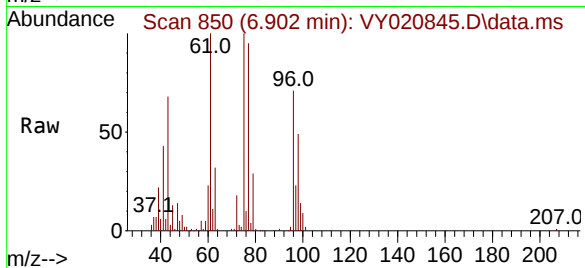
Tgt Ion: 63 Resp: 68015  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.9 11.7  
 100 4.6 2.4 7.2



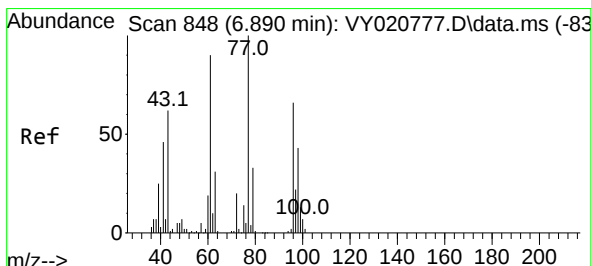
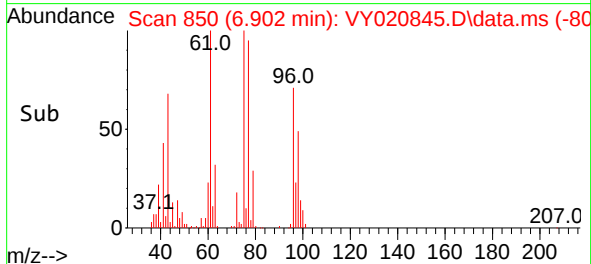
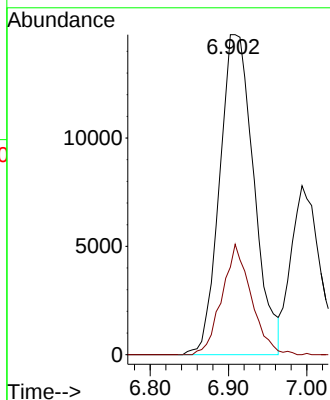


#25  
2-Butanone  
Concen: 104.134 ug/l  
RT: 6.902 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Instrument :  
MSVOA\_Y  
ClientSampleId :

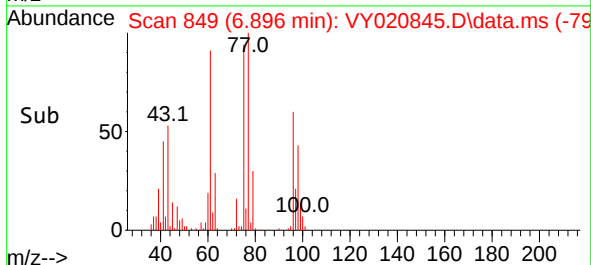
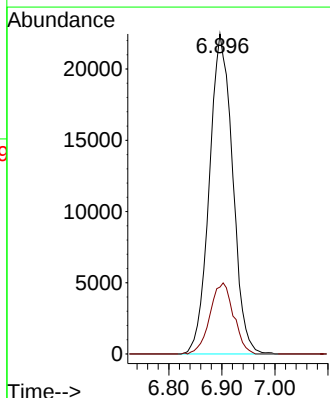
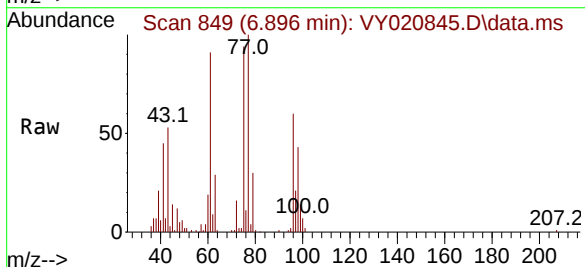


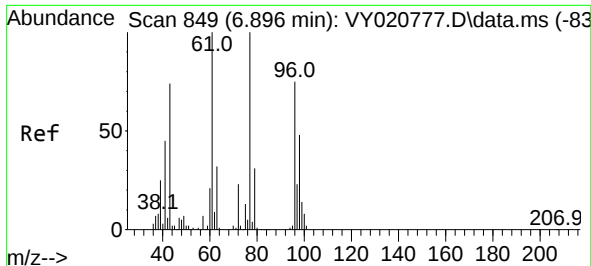
Tgt Ion: 43 Resp: 44998  
Ion Ratio Lower Upper  
43 100  
72 27.4 24.0 36.0



#26  
2,2-Dichloropropane  
Concen: 19.162 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

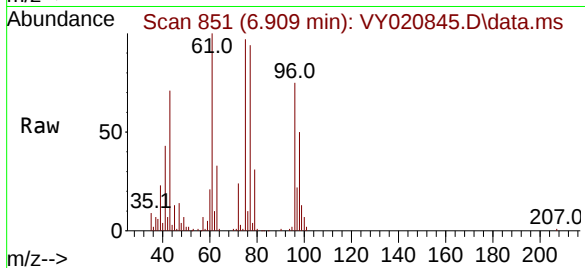
Tgt Ion: 77 Resp: 68466  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.3 33.8



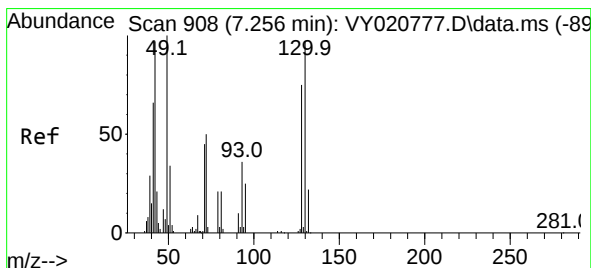
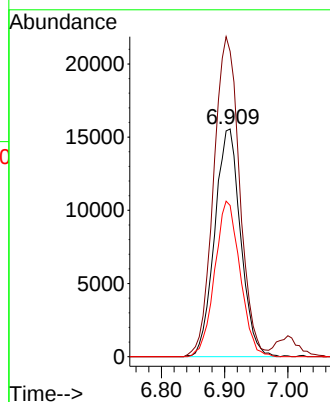
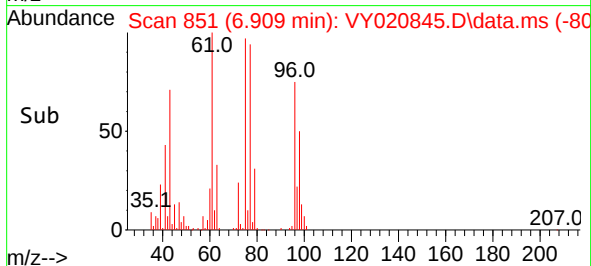


#27  
 cis-1,2-Dichloroethene  
 Concen: 18.718 ug/l  
 RT: 6.909 min Scan# 849  
 Delta R.T. 0.012 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

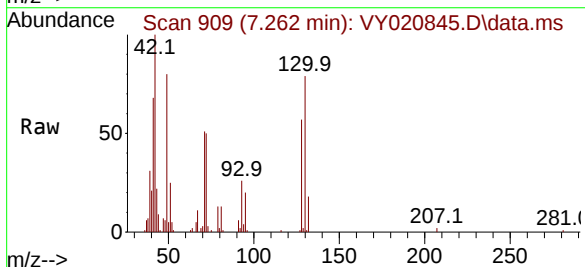
Instrument :  
 MSVOA\_Y  
 ClientSampleId :



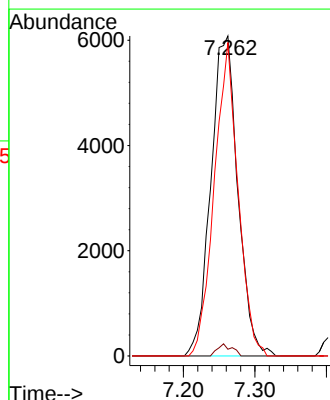
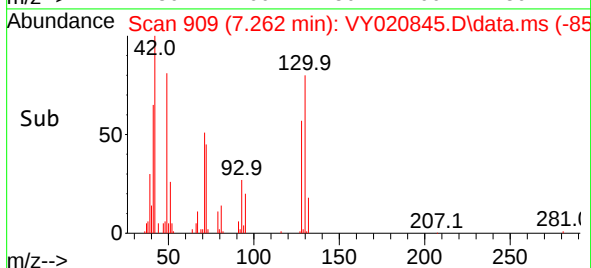
Tgt Ion: 96 Resp: 44140  
 Ion Ratio Lower Upper  
 96 100  
 61 141.4 0.0 271.4  
 98 67.0 0.0 129.0

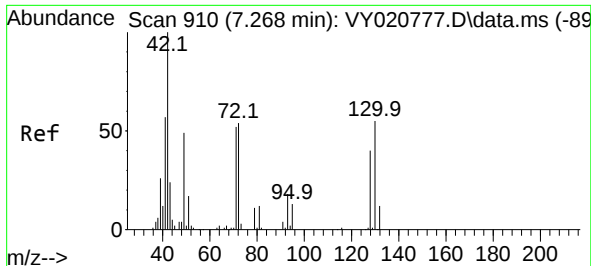


#28  
 Bromochloromethane  
 Concen: 17.148 ug/l  
 RT: 7.262 min Scan# 909  
 Delta R.T. 0.006 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58



Tgt Ion: 49 Resp: 15924  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 5.2  
 130 86.4 77.8 116.6





#29

Tetrahydrofuran

Concen: 100.364 ug/l

RT: 7.280 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY020845.D

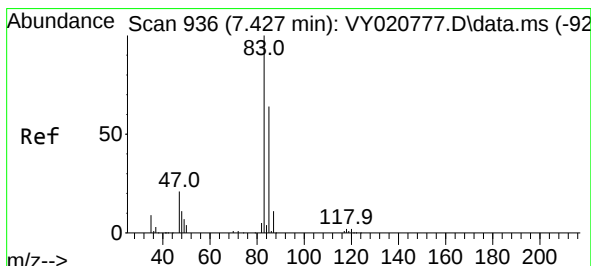
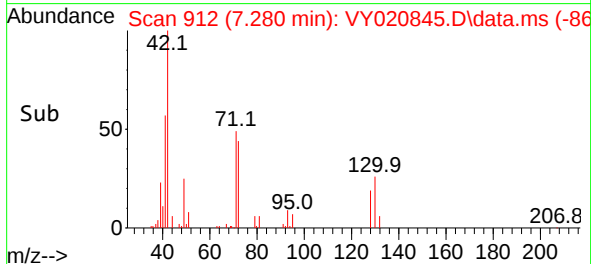
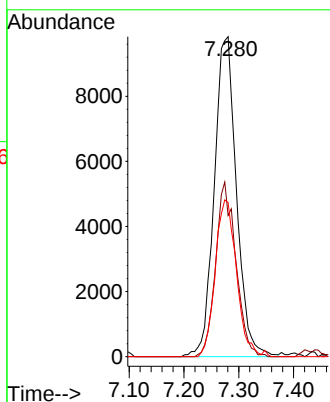
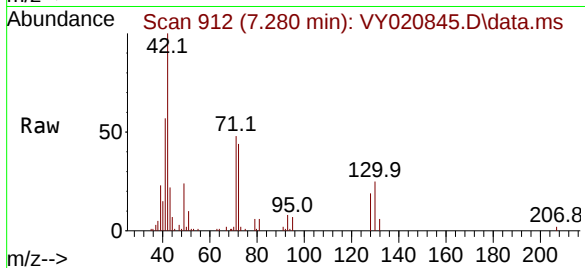
Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 27704 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 49.7  | 41.8  | 62.6  |
| 71       | 46.7  | 39.8  | 59.8  |



#30

Chloroform

Concen: 19.409 ug/l

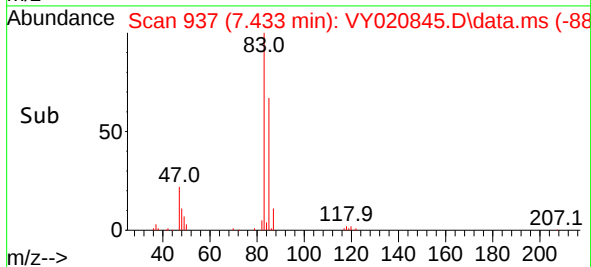
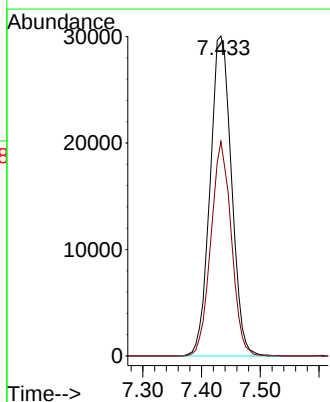
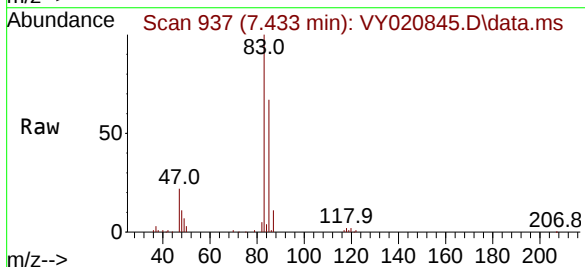
RT: 7.433 min Scan# 937

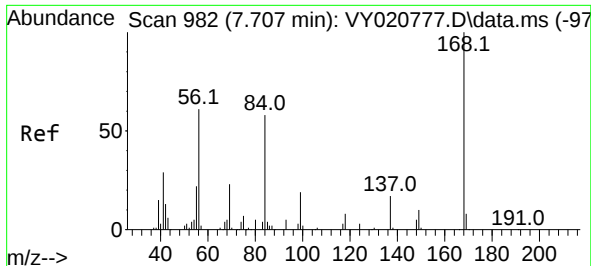
Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 76172 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 67.0  | 51.1  | 76.7  |

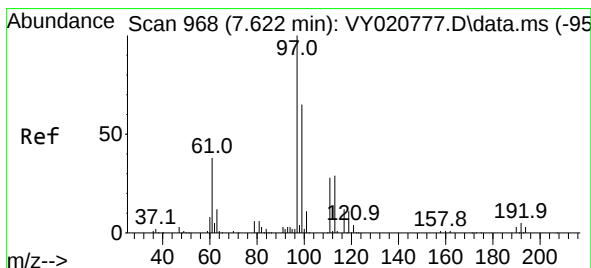
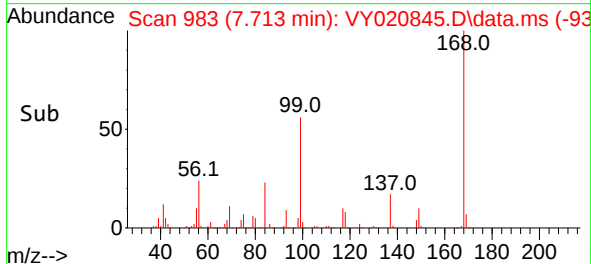
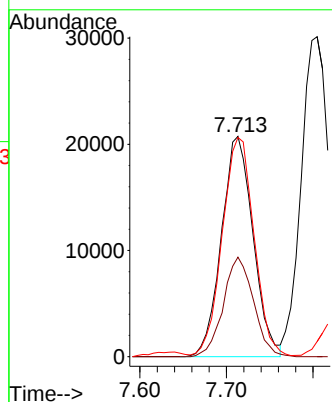
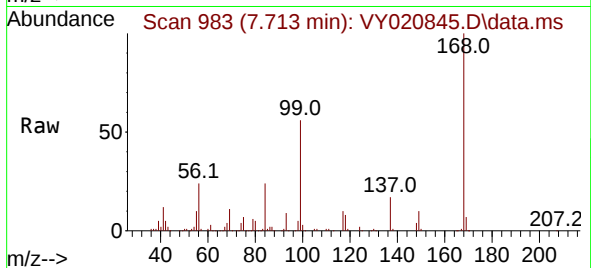




#31  
Cyclohexane  
Concen: 19.566 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

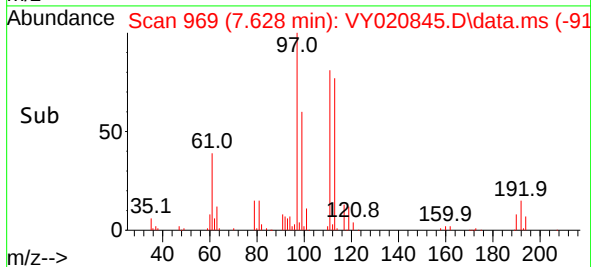
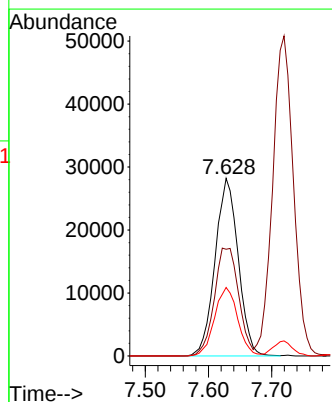
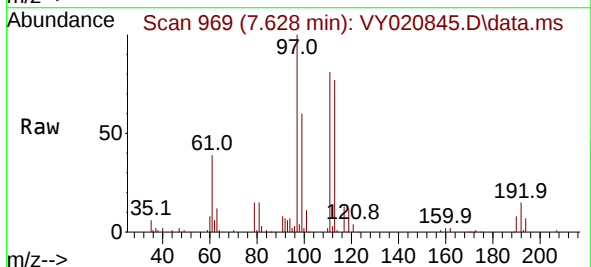
Instrument :  
MSVOA\_Y  
ClientSampleId :

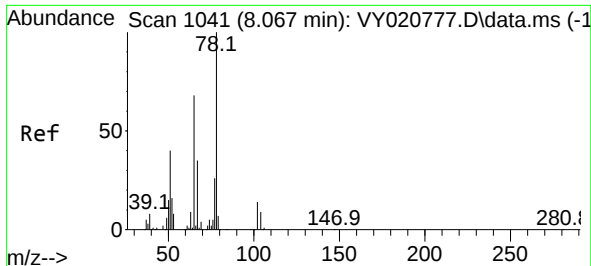
Tgt Ion: 56 Resp: 52667  
Ion Ratio Lower Upper  
56 100  
69 45.2 30.5 45.7  
84 97.9 76.6 115.0



#32  
1,1,1-Trichloroethane  
Concen: 18.672 ug/l  
RT: 7.628 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 97 Resp: 71478  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.4 77.2  
61 38.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 49.161 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

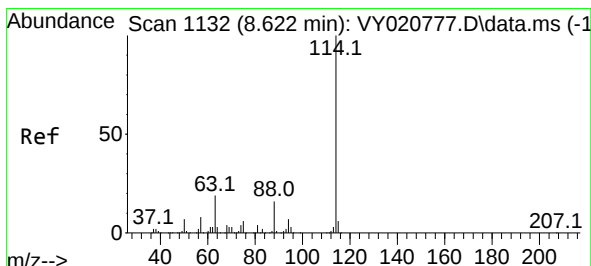
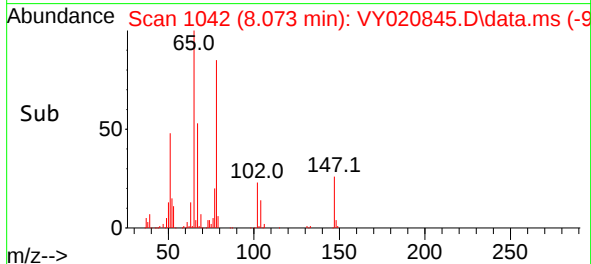
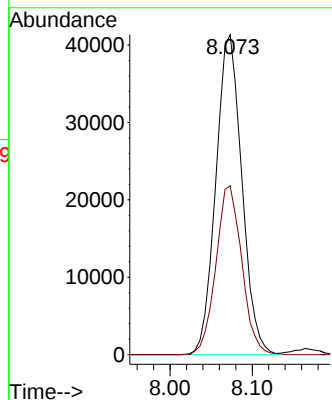
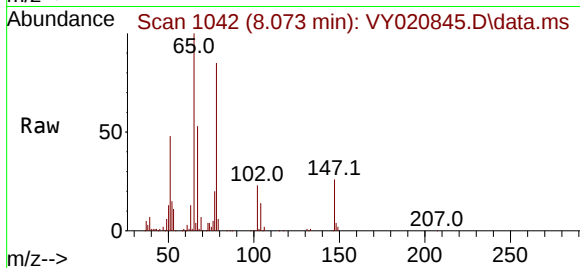
ClientSampleId :

Tgt Ion: 65 Resp: 90941

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

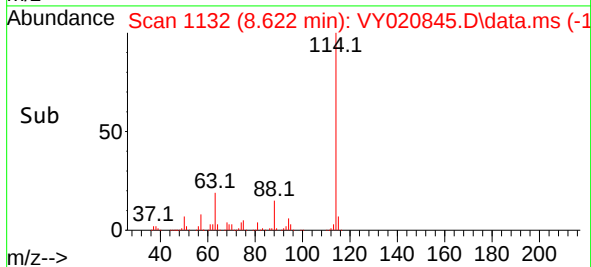
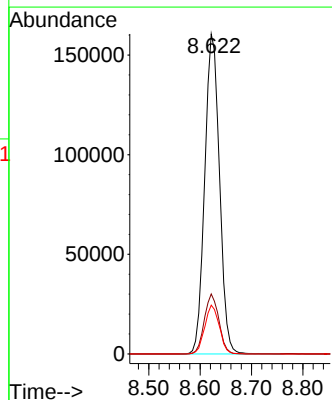
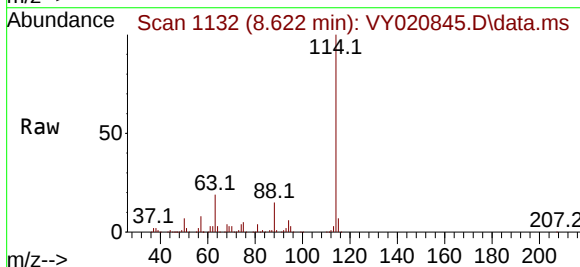
Tgt Ion: 114 Resp: 320405

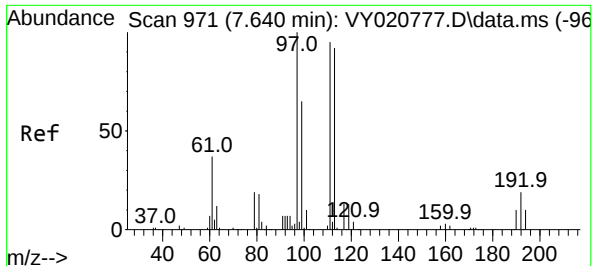
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.178 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

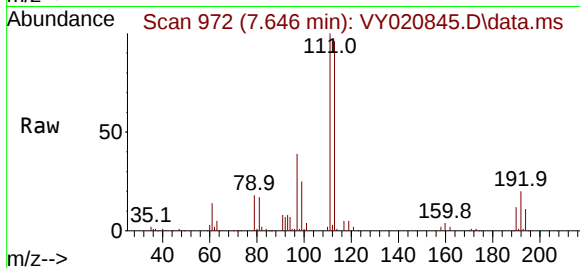
Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :



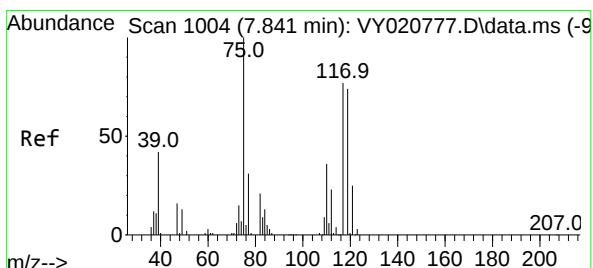
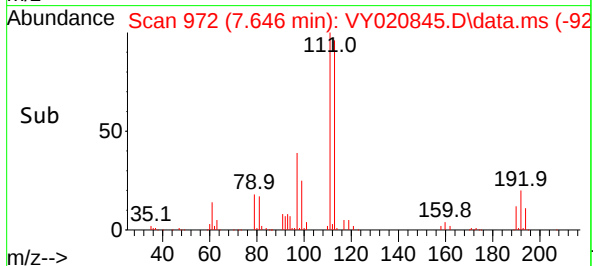
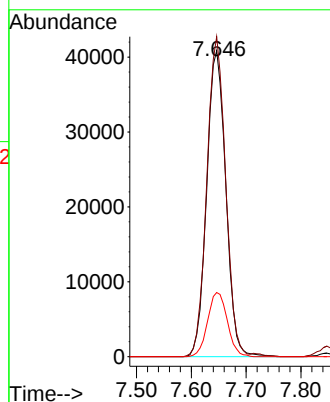
Tgt Ion:113 Resp: 98715

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

192 21.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 19.456 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

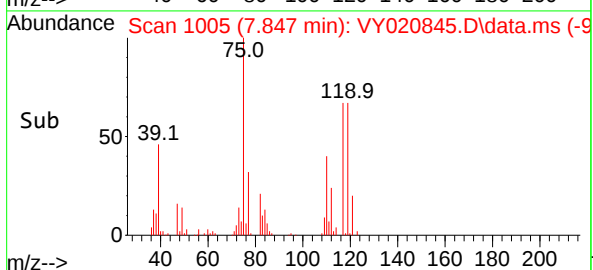
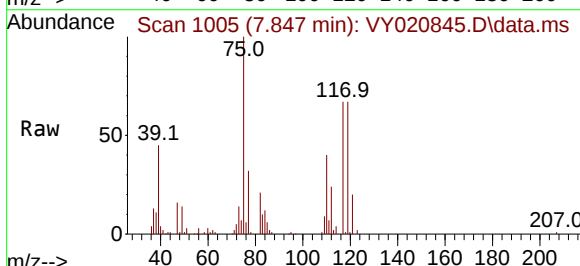
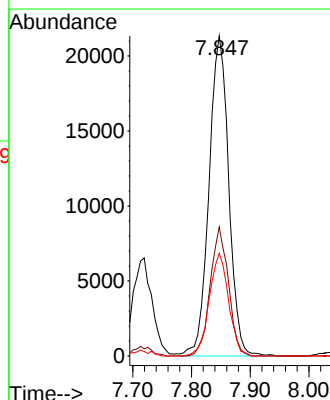
Tgt Ion: 75 Resp: 49813

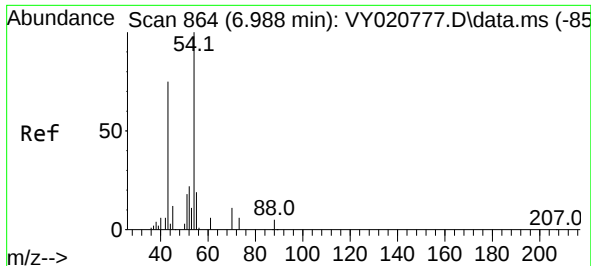
Ion Ratio Lower Upper

75 100

110 37.1 18.5 55.5

77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 20.785 ug/l

RT: 6.994 min Scan# 81

Delta R.T. 0.006 min

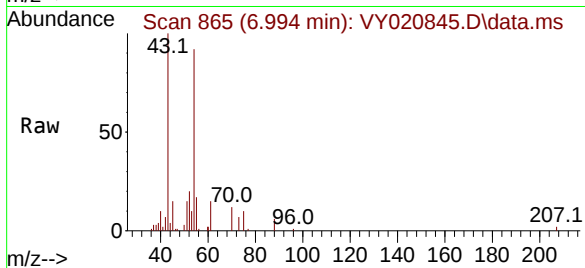
Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :



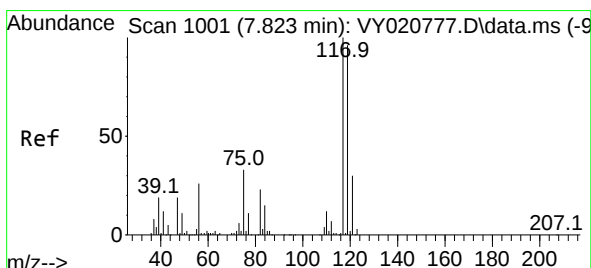
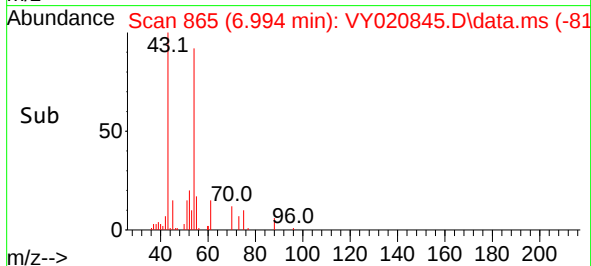
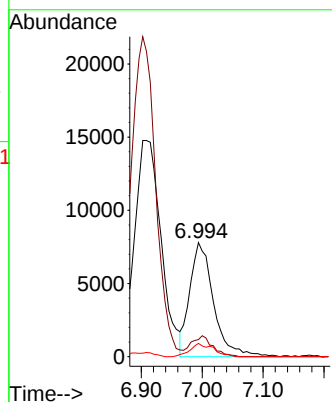
Tgt Ion: 43 Resp: 21177

Ion Ratio Lower Upper

43 100

61 16.3 11.8 17.6

70 11.2 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.537 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

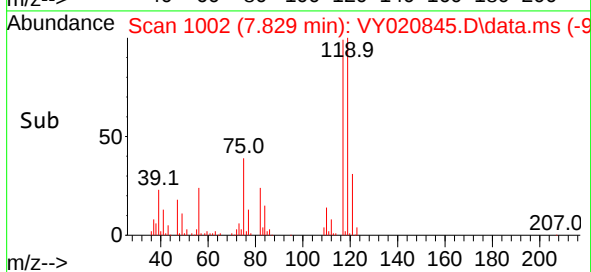
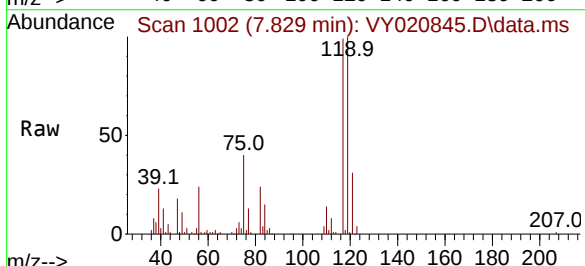
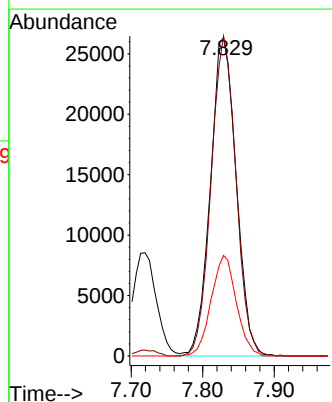
Tgt Ion: 117 Resp: 66065

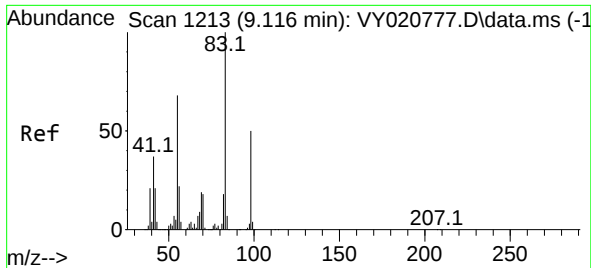
Ion Ratio Lower Upper

117 100

119 100.6 76.5 114.7

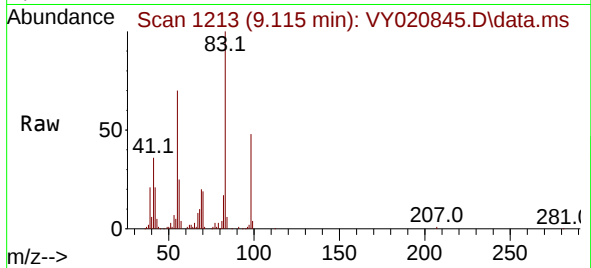
121 31.6 24.3 36.5



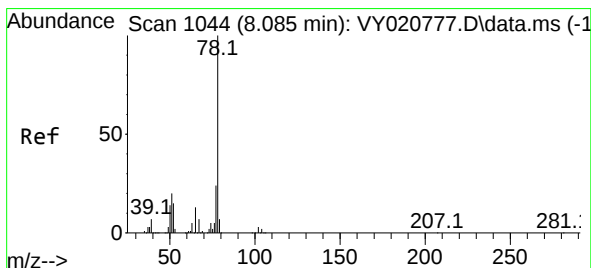
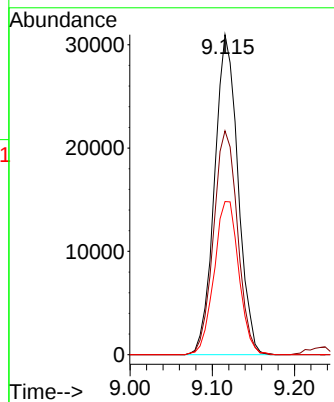
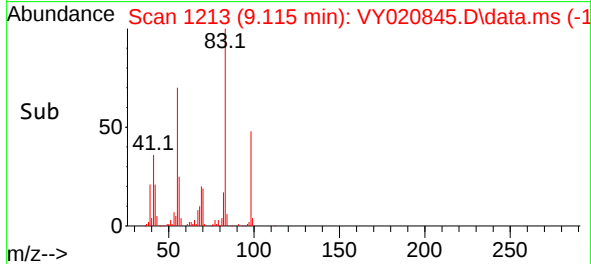


#39  
Methylcyclohexane  
Concen: 19.547 ug/l  
RT: 9.115 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

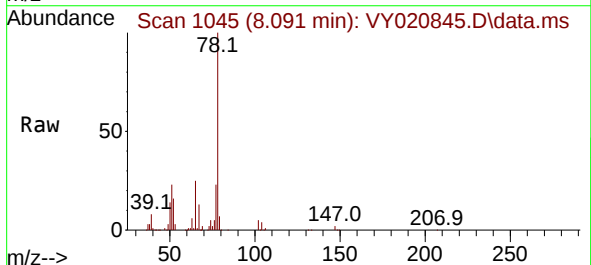
Instrument :  
MSVOA\_Y  
ClientSampleId :



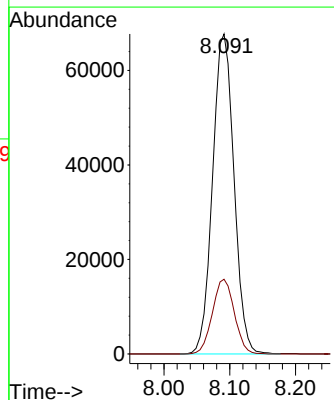
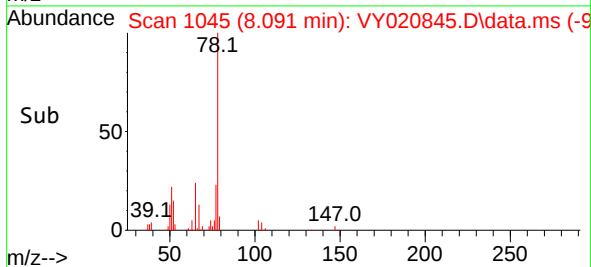
Tgt Ion: 83 Resp: 61412  
Ion Ratio Lower Upper  
83 100  
55 70.0 54.8 82.2  
98 47.8 40.0 60.0

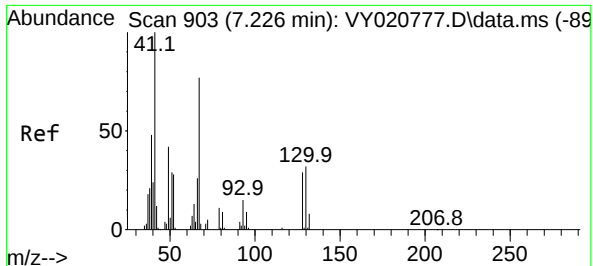


#40  
Benzene  
Concen: 19.518 ug/l  
RT: 8.091 min Scan# 1045  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58



Tgt Ion: 78 Resp: 153373  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.4 29.2

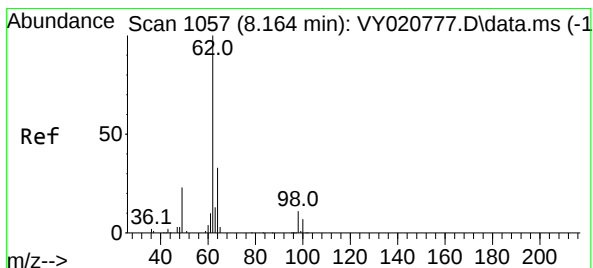
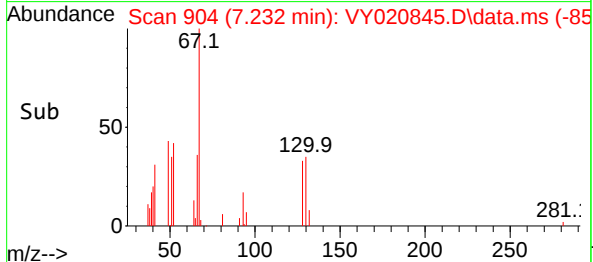
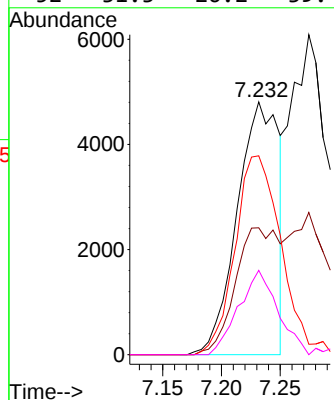
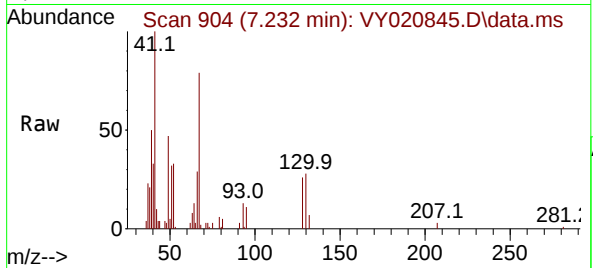




#41  
Methacrylonitrile  
Concen: 20.341 ug/l  
RT: 7.232 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

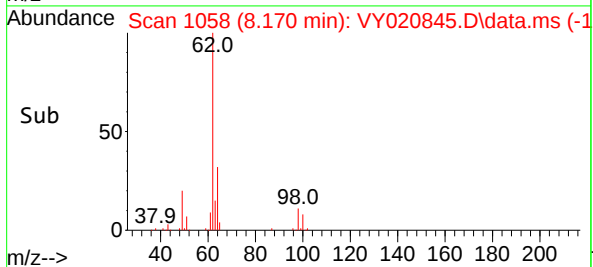
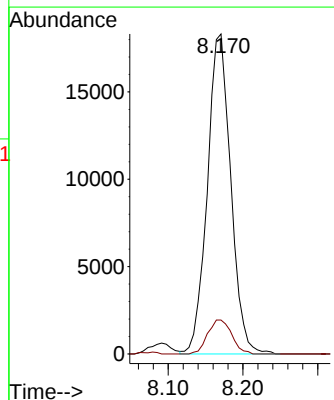
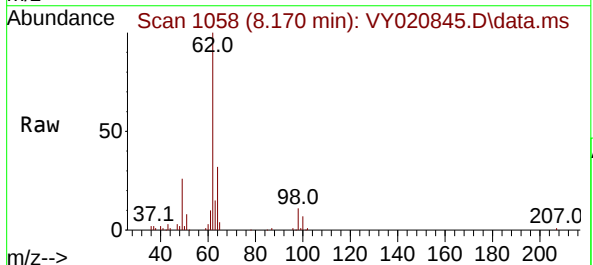
Instrument :  
MSVOA\_Y  
ClientSampleId :

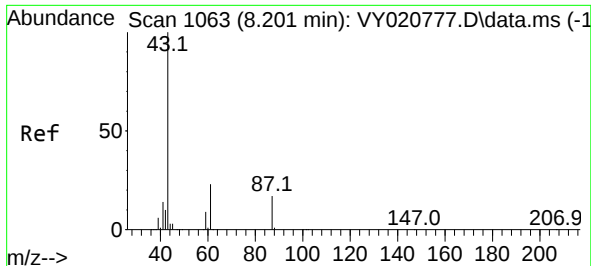
Tgt Ion: 41 Resp: 11869  
Ion Ratio Lower Upper  
41 100  
39 52.3 42.4 63.6  
67 87.1 67.8 101.8  
52 31.3 26.2 39.4



#42  
1,2-Dichloroethane  
Concen: 18.629 ug/l  
RT: 8.170 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 62 Resp: 39976  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 19.6

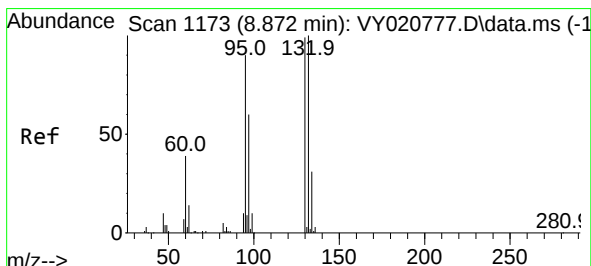
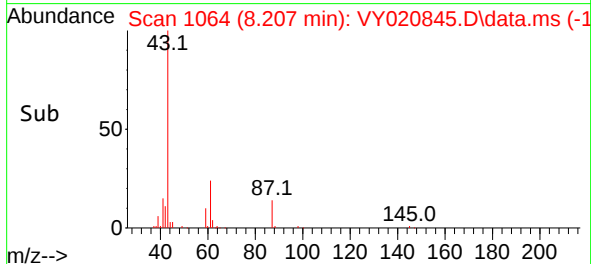
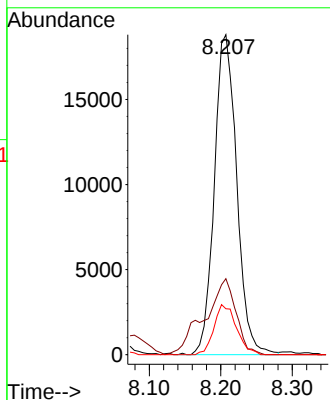
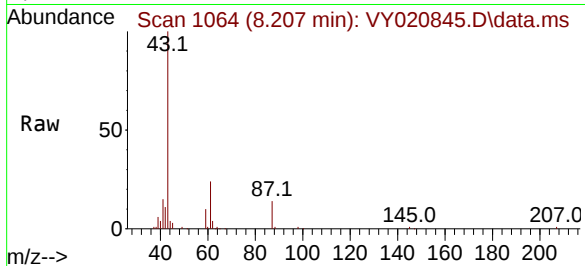




#43  
Isopropyl Acetate  
Concen: 19.757 ug/l  
RT: 8.207 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

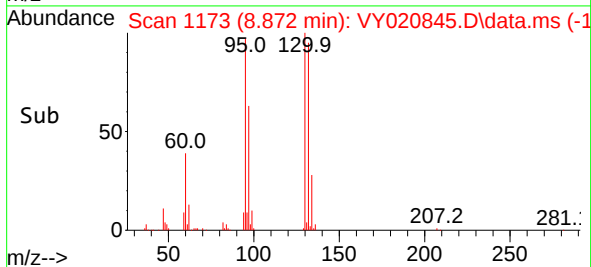
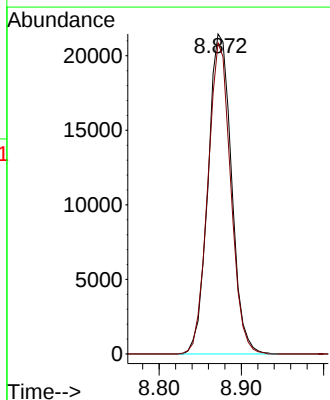
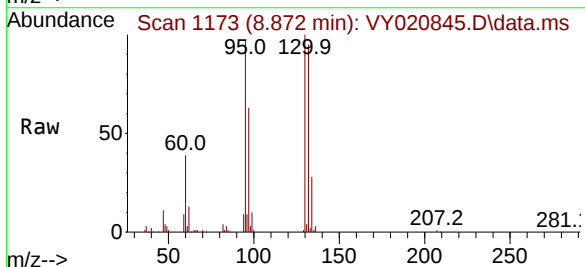
Instrument :  
MSVOA\_Y  
ClientSampleId :

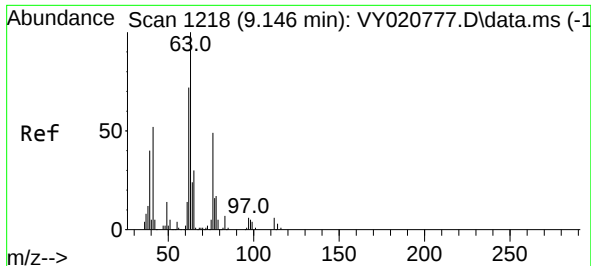
Tgt Ion: 43 Resp: 40944  
Ion Ratio Lower Upper  
43 100  
61 33.4 26.5 39.7  
87 15.7 13.4 20.0



#44  
Trichloroethene  
Concen: 19.428 ug/l  
RT: 8.872 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion:130 Resp: 42558  
Ion Ratio Lower Upper  
130 100  
95 97.2 0.0 181.0





#45

1,2-Dichloropropane

Concen: 20.278 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

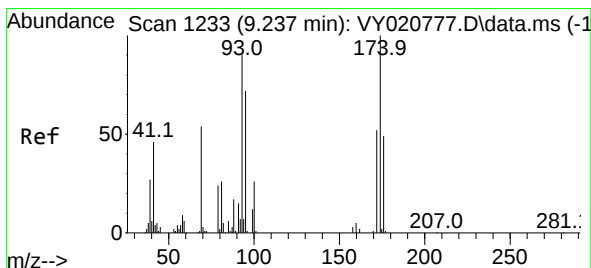
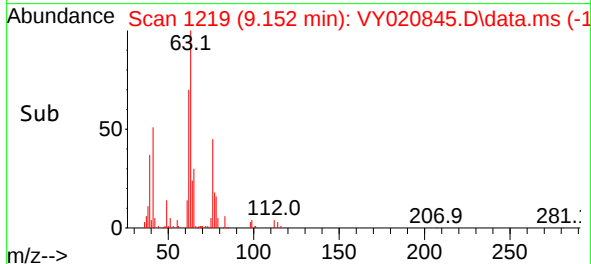
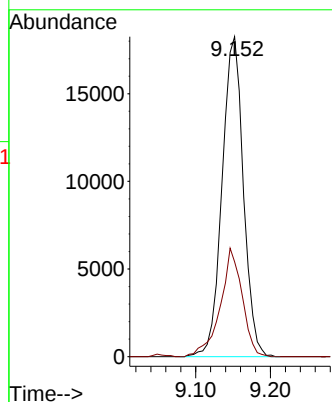
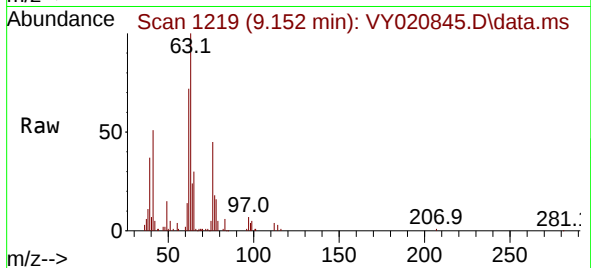
ClientSampleId :

Tgt Ion: 63 Resp: 36123

Ion Ratio Lower Upper

63 100

65 29.7 24.2 36.4



#46

Dibromomethane

Concen: 19.348 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

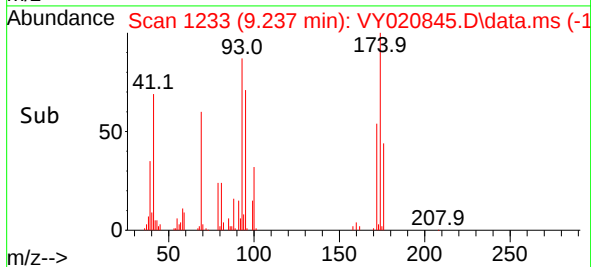
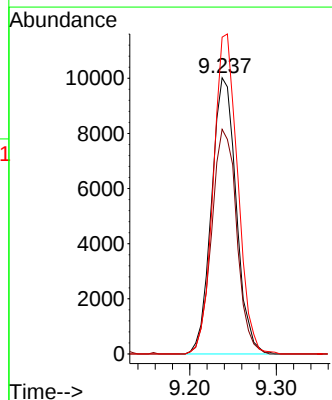
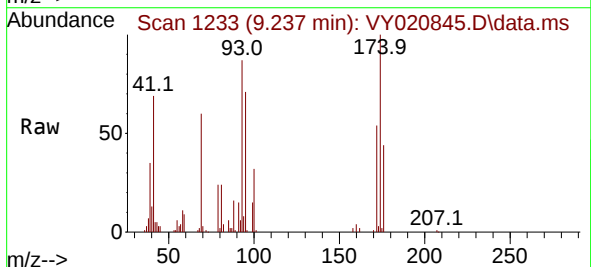
Tgt Ion: 93 Resp: 19792

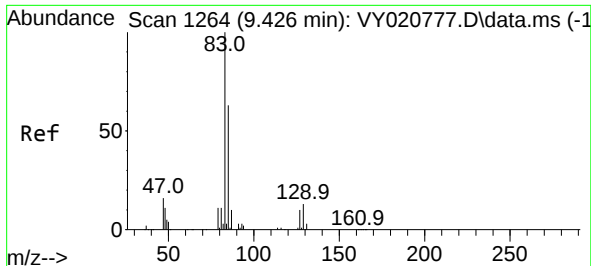
Ion Ratio Lower Upper

93 100

95 82.6 68.2 102.4

174 114.6 89.0 133.6

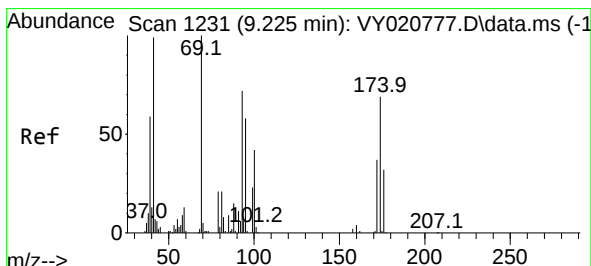
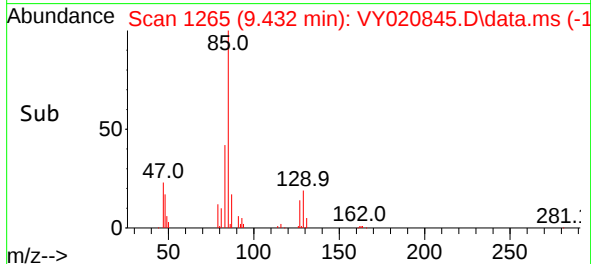
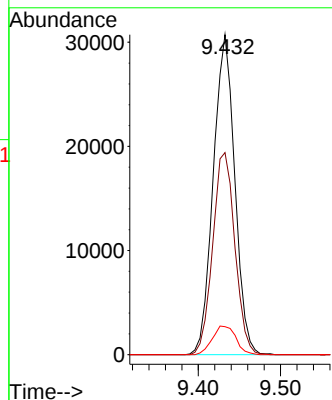
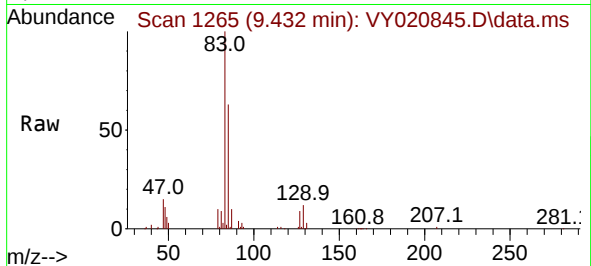




#47  
Bromodichloromethane  
Concen: 19.075 ug/l  
RT: 9.432 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

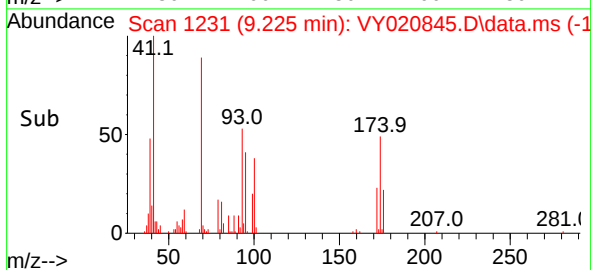
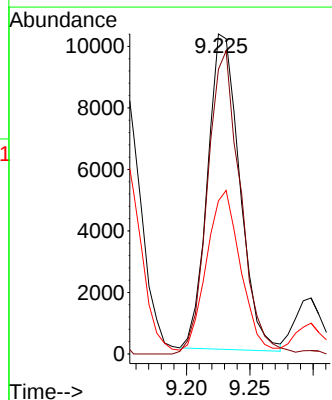
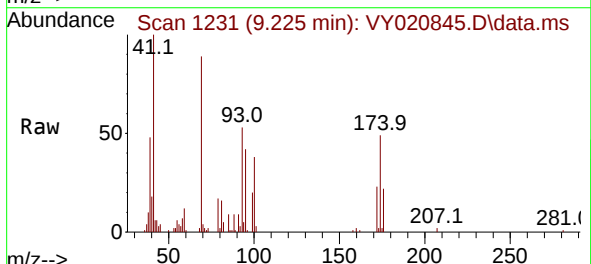
Instrument :  
MSVOA\_Y  
ClientSampleId :

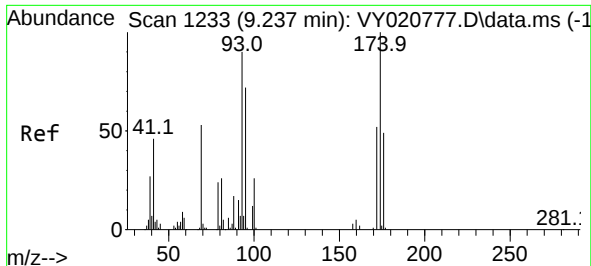
Tgt Ion: 83 Resp: 55885  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.7 76.1  
127 8.7 7.9 11.9



#48  
Methyl methacrylate  
Concen: 19.521 ug/l  
RT: 9.225 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

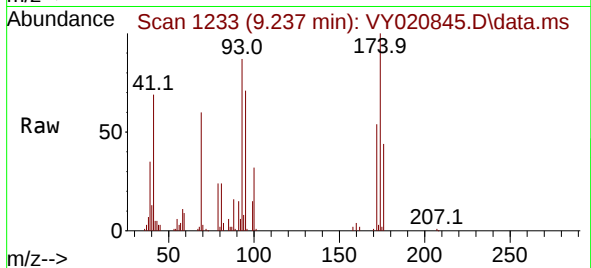
Tgt Ion: 41 Resp: 18136  
Ion Ratio Lower Upper  
41 100  
69 97.8 78.9 118.3  
39 53.0 44.6 67.0



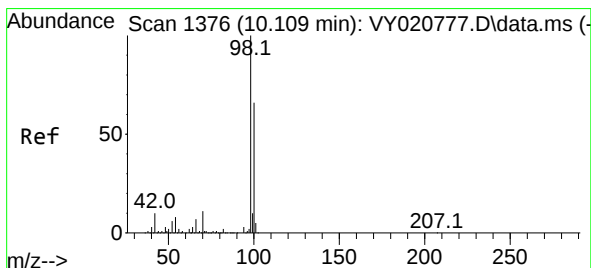
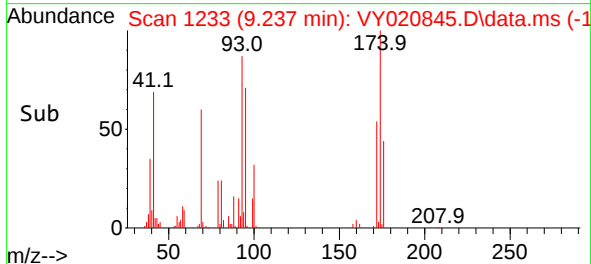
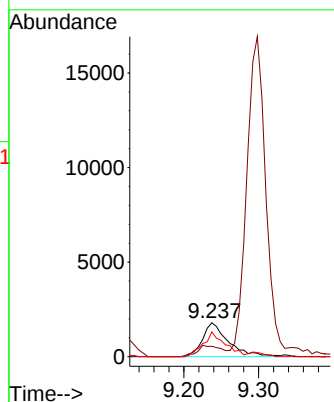


#49  
1,4-Dioxane  
Concen: 396.370 ug/l  
RT: 9.237 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Instrument :  
MSVOA\_Y  
ClientSampleId :

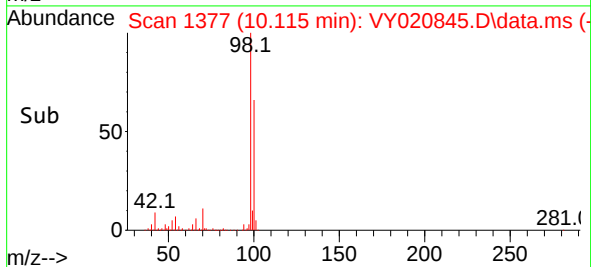
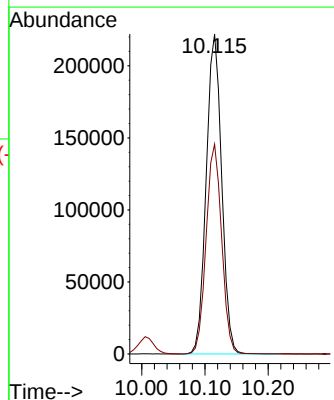
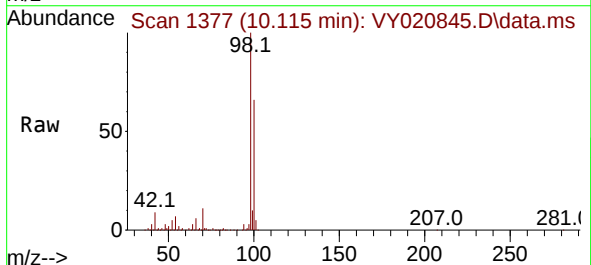


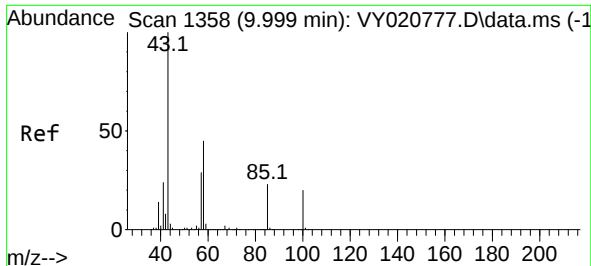
Tgt Ion: 88 Resp: 4305  
Ion Ratio Lower Upper  
88 100  
43 30.1 24.4 36.6  
58 62.6 51.0 76.6



#50  
Toluene-d8  
Concen: 53.964 ug/l  
RT: 10.115 min Scan# 1377  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 98 Resp: 377611  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 102.766 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

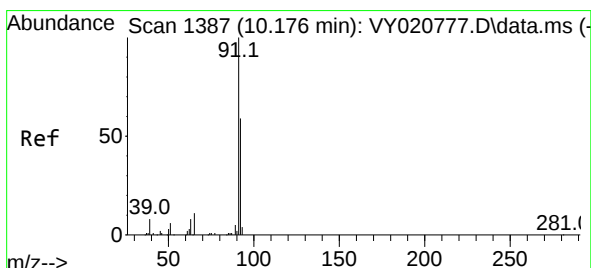
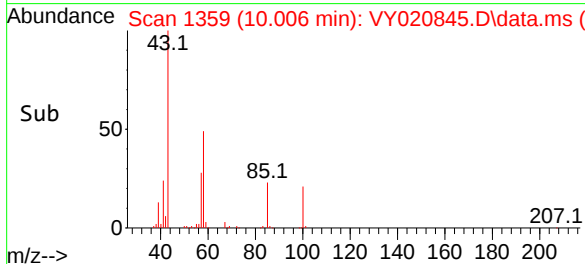
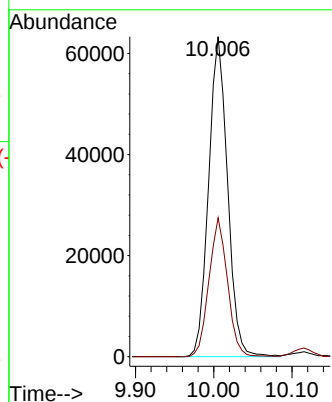
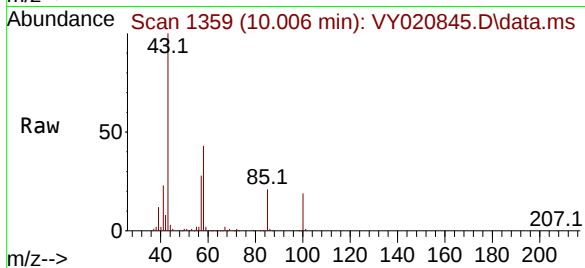
ClientSampleId :

Tgt Ion: 43 Resp: 106396

Ion Ratio Lower Upper

43 100

58 42.4 34.8 52.2



#52

Toluene

Concen: 19.903 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY020845.D

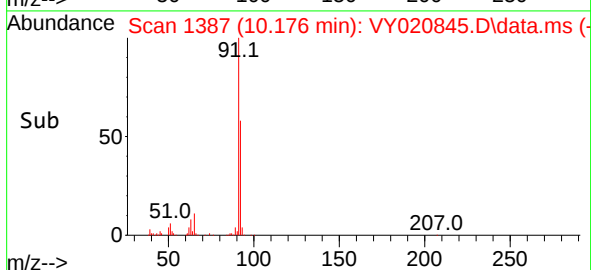
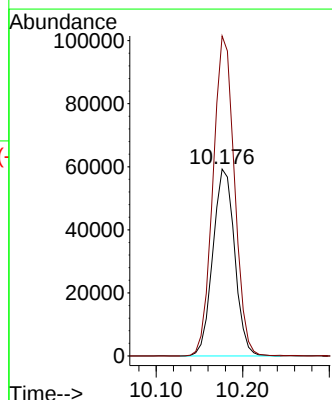
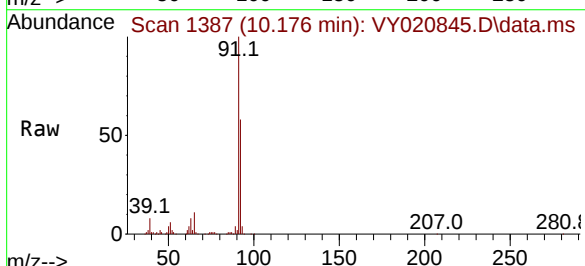
Acq: 17 Jan 2025 10:58

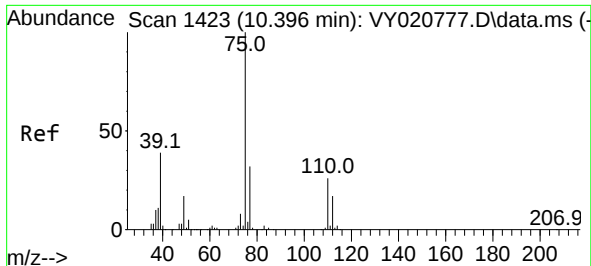
Tgt Ion: 92 Resp: 103567

Ion Ratio Lower Upper

92 100

91 169.0 136.6 204.8

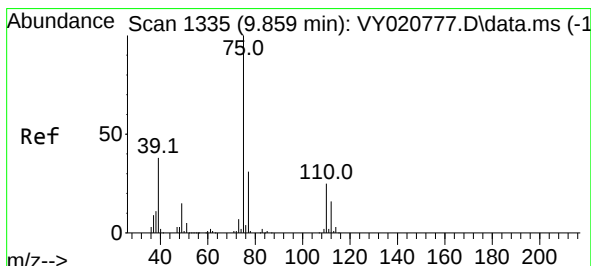
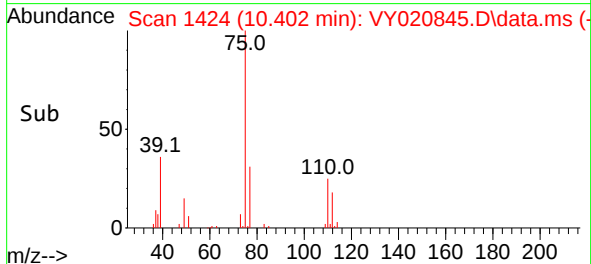
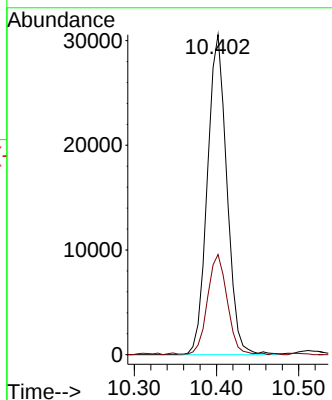
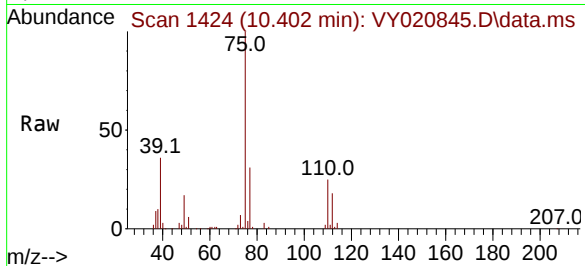




#53  
 t-1,3-Dichloropropene  
 Concen: 19.339 ug/l  
 RT: 10.402 min Scan# 1423  
 Delta R.T. 0.006 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

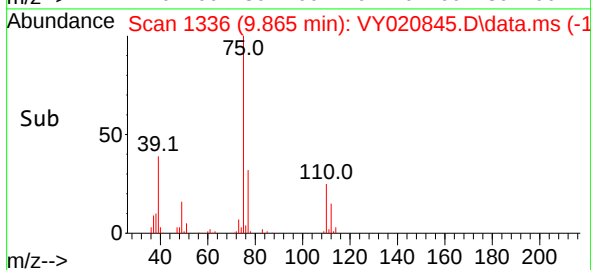
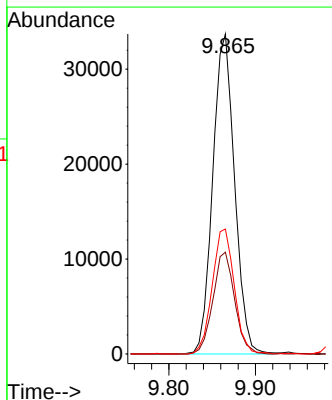
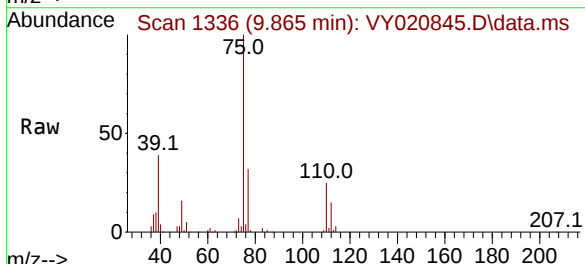
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

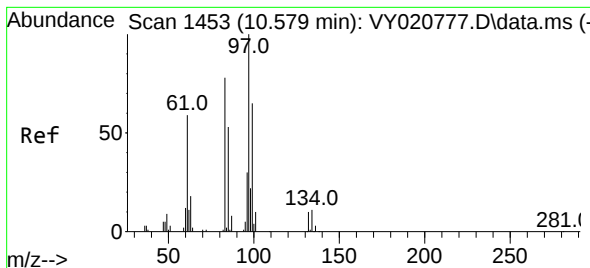
Tgt Ion: 75 Resp: 50392  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.2 37.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.480 ug/l  
 RT: 9.865 min Scan# 1336  
 Delta R.T. 0.006 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

Tgt Ion: 75 Resp: 58951  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 24.5 36.7  
 39 39.0 30.7 46.1

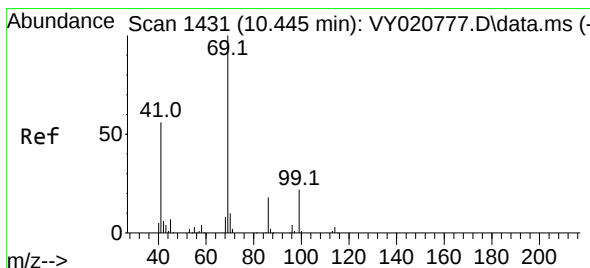
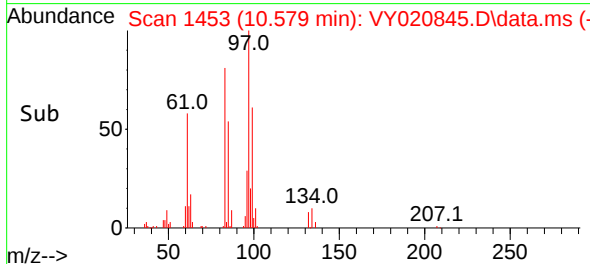
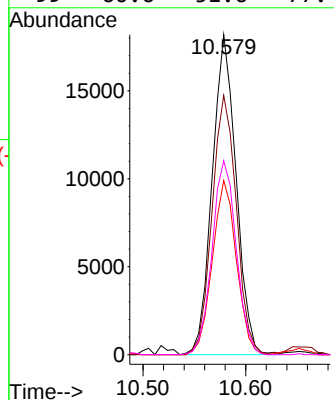
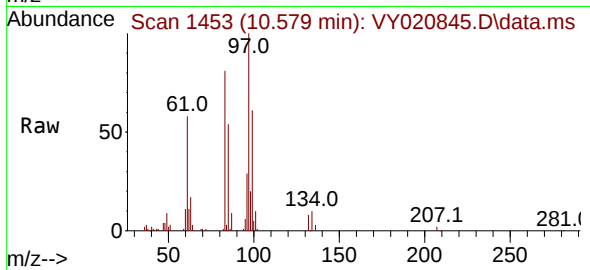




#55  
1,1,2-Trichloroethane  
Concen: 20.119 ug/l  
RT: 10.579 min Scan# 1453  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

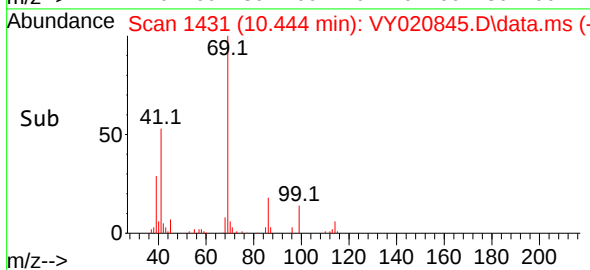
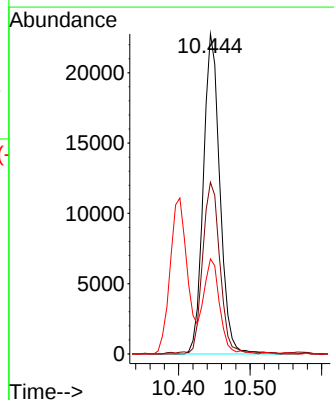
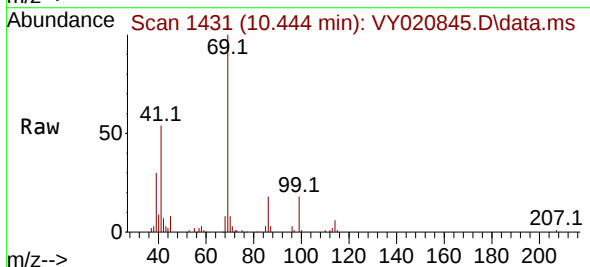
Instrument :  
MSVOA\_Y  
ClientSampleId :

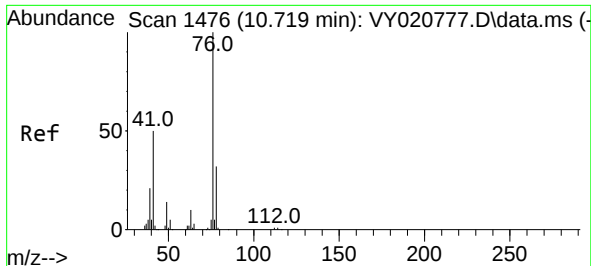
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 97 | Resp: | 29402     |
| Ion Ratio   | Lower | Upper     |
| 97          | 100   |           |
| 83          | 81.0  | 62.8 94.2 |
| 85          | 54.4  | 42.4 63.6 |
| 99          | 60.6  | 51.6 77.4 |



#56  
Ethyl methacrylate  
Concen: 19.825 ug/l  
RT: 10.444 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 69 | Resp: | 36590     |
| Ion Ratio   | Lower | Upper     |
| 69          | 100   |           |
| 41          | 56.9  | 46.6 69.8 |
| 39          | 28.8  | 25.7 38.5 |





#57

1,3-Dichloropropane

Concen: 20.113 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

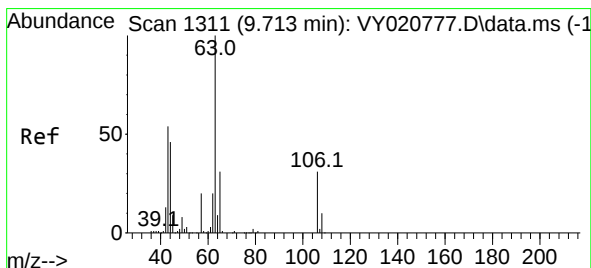
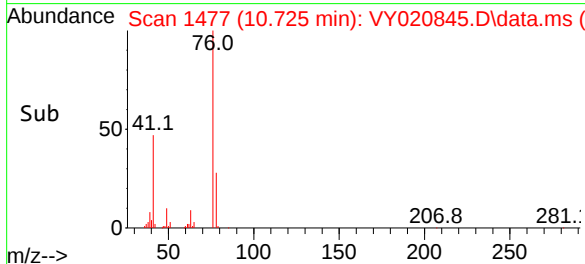
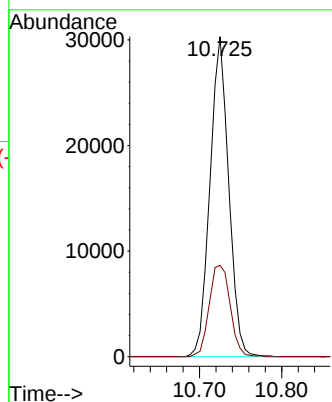
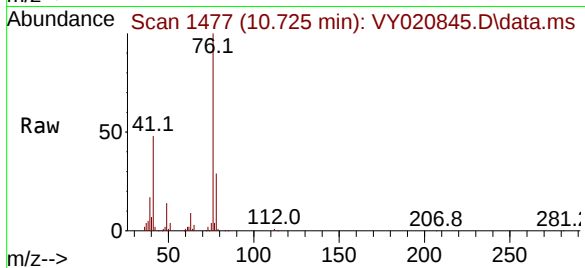
ClientSampleId :

Tgt Ion: 76 Resp: 47913

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.206 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020845.D

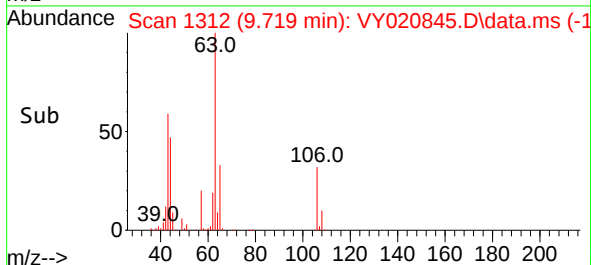
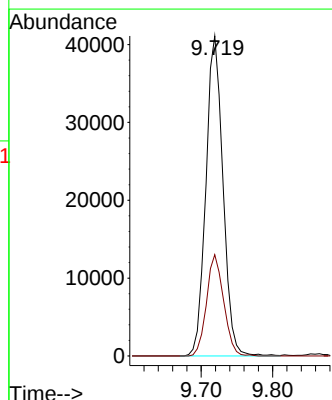
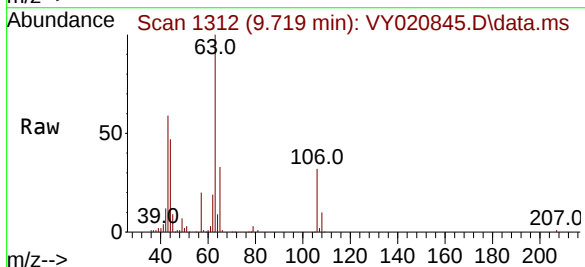
Acq: 17 Jan 2025 10:58

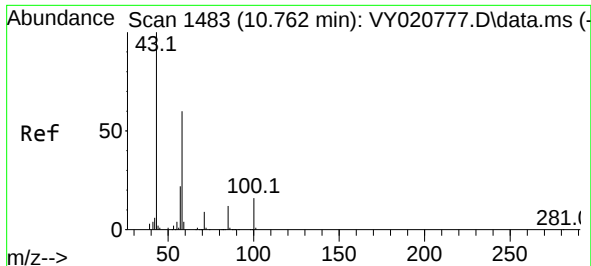
Tgt Ion: 63 Resp: 68244

Ion Ratio Lower Upper

63 100

106 31.7 25.9 38.9

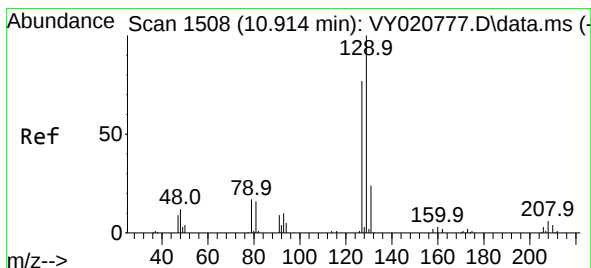
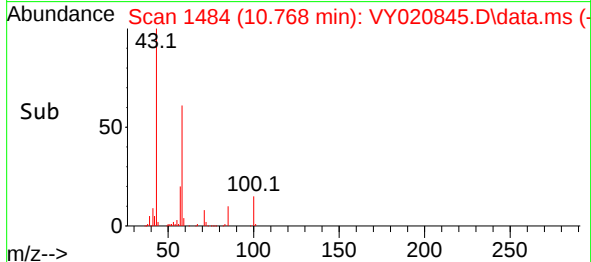
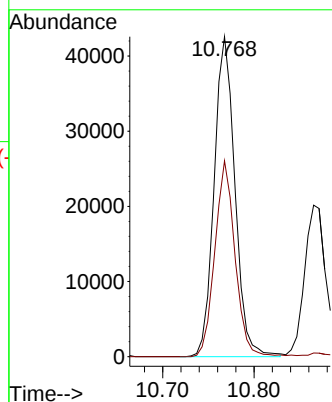
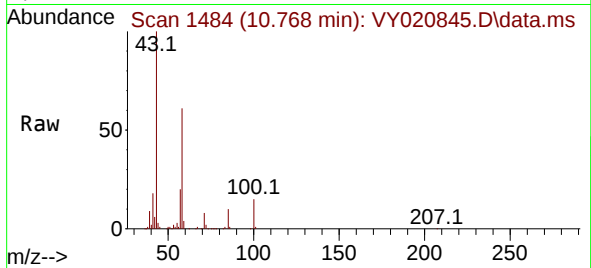




#59  
2-Hexanone  
Concen: 101.361 ug/l  
RT: 10.768 min Scan# 1484  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

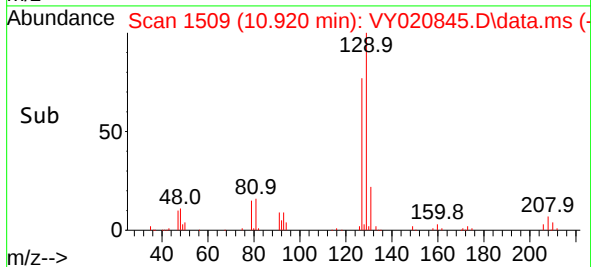
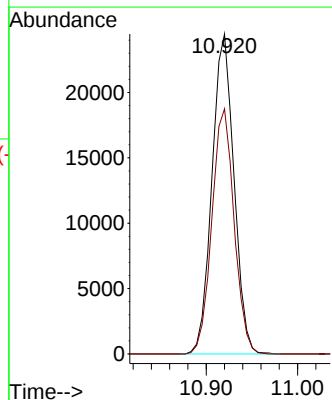
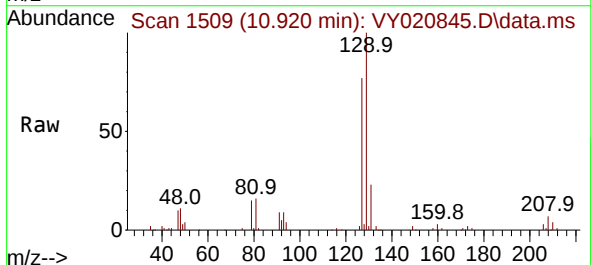
Instrument :  
MSVOA\_Y  
ClientSampleId :

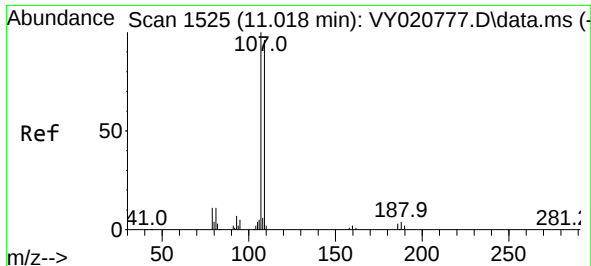
Tgt Ion: 43 Resp: 67325  
Ion Ratio Lower Upper  
43 100  
58 59.4 30.6 92.0



#60  
Dibromochloromethane  
Concen: 19.260 ug/l  
RT: 10.920 min Scan# 1509  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion:129 Resp: 40822  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.3 114.9

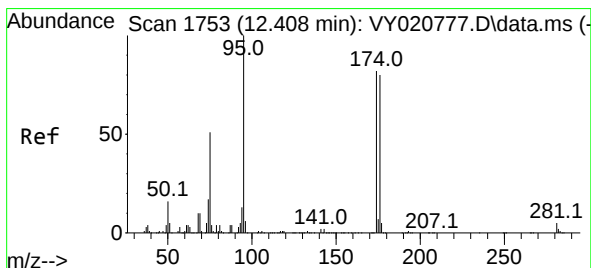
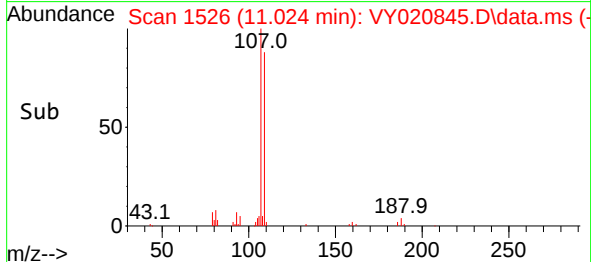
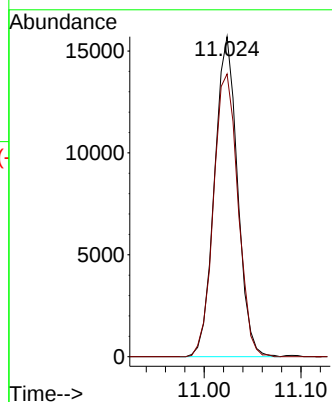
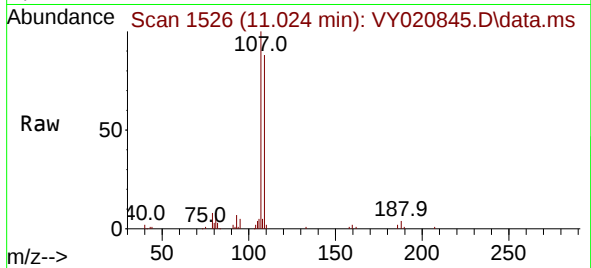




#61  
1,2-Dibromoethane  
Concen: 19.755 ug/l  
RT: 11.024 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

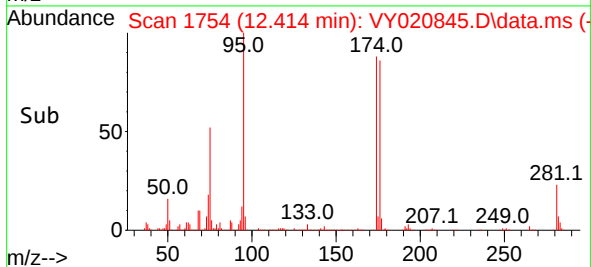
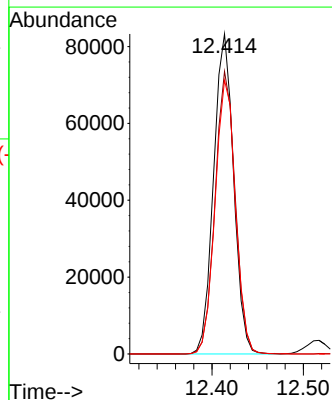
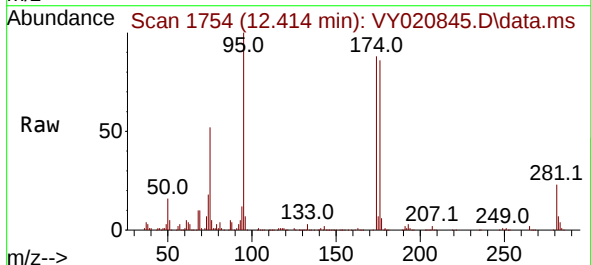
Instrument :  
MSVOA\_Y  
ClientSampleId :

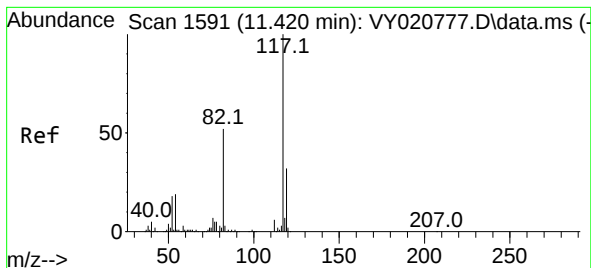
Tgt Ion:107 Resp: 25919  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 49.081 ug/l  
RT: 12.414 min Scan# 1754  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 95 Resp: 126828  
Ion Ratio Lower Upper  
95 100  
174 89.0 0.0 178.0  
176 87.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :

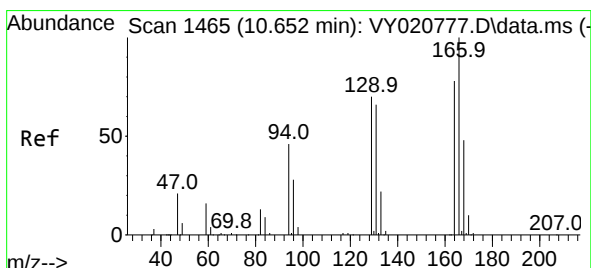
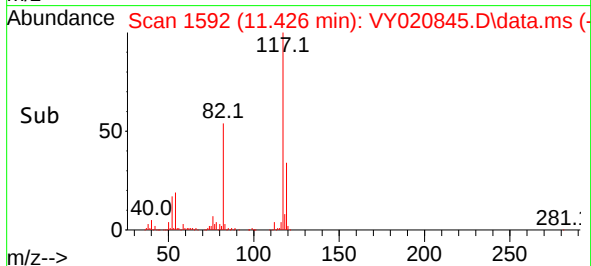
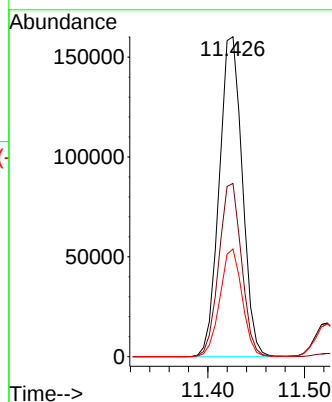
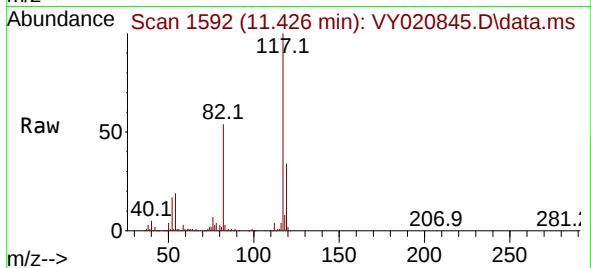
Tgt Ion:117 Resp: 265072

Ion Ratio Lower Upper

117 100

82 54.1 41.8 62.6

119 33.7 25.8 38.8



#64

Tetrachloroethene

Concen: 19.636 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:164 Resp: 38268

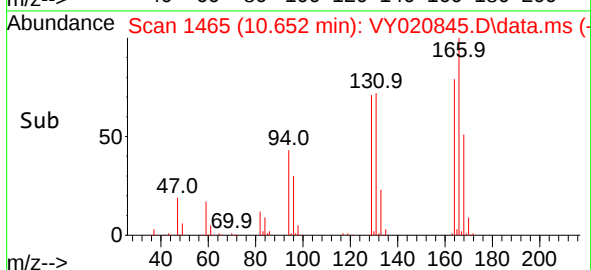
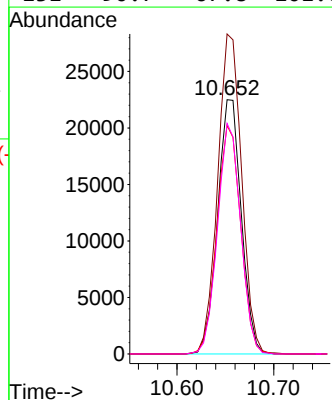
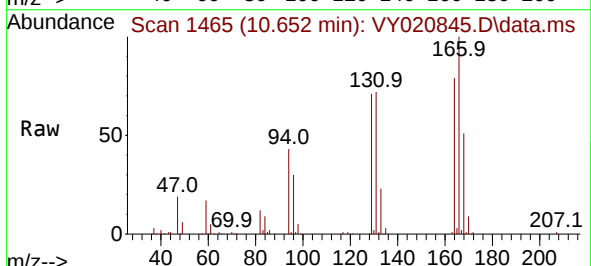
Ion Ratio Lower Upper

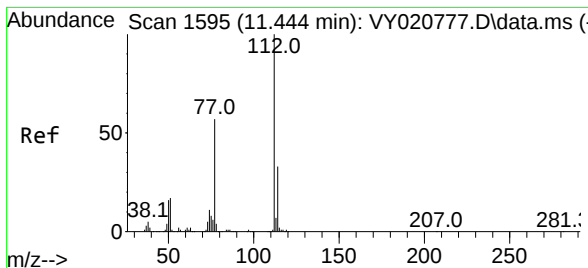
164 100

166 125.9 102.0 153.0

129 89.9 71.4 107.2

131 90.7 67.8 101.6





#65

Chlorobenzene

Concen: 19.813 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

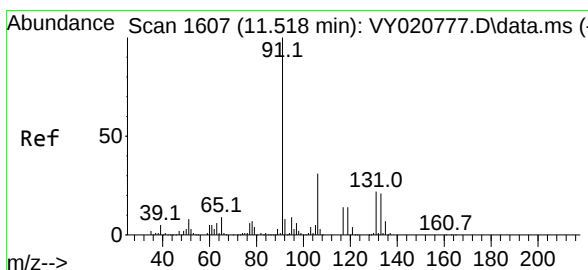
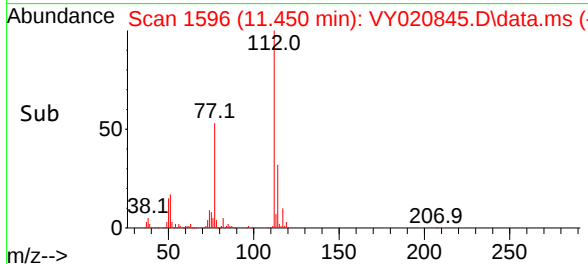
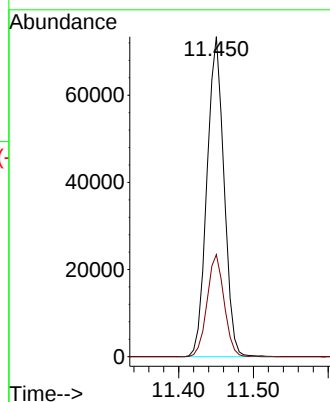
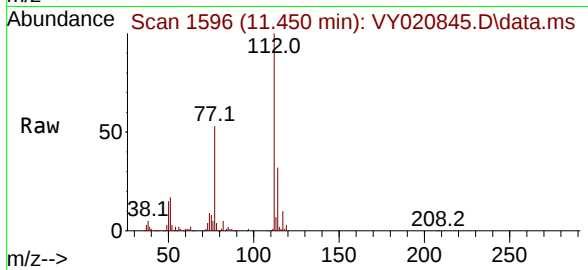
ClientSampleId :

Tgt Ion:112 Resp: 116118

Ion Ratio Lower Upper

112 100

114 31.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.514 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

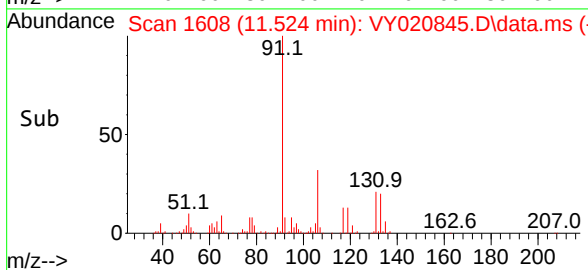
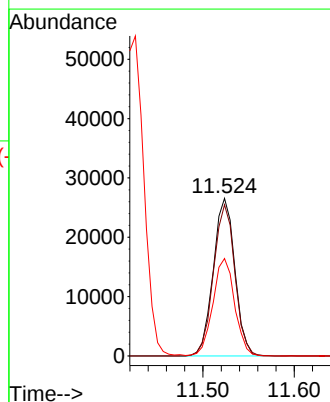
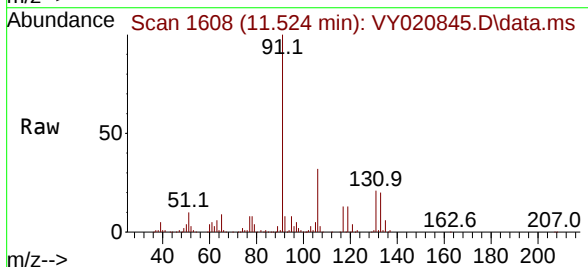
Tgt Ion:131 Resp: 43539

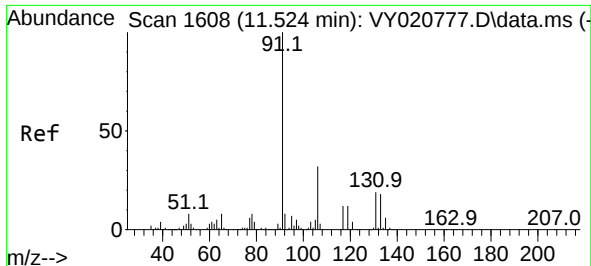
Ion Ratio Lower Upper

131 100

133 95.2 46.9 140.8

119 62.3 30.2 90.6

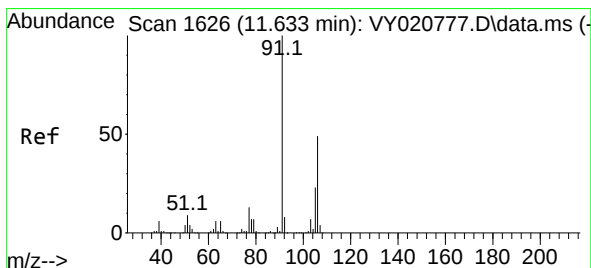
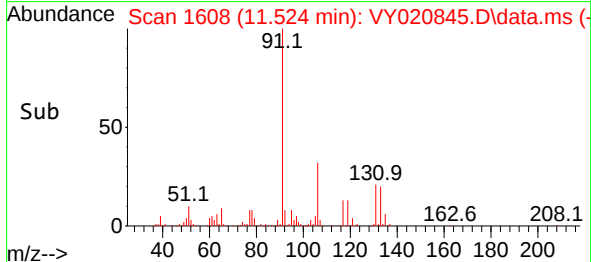
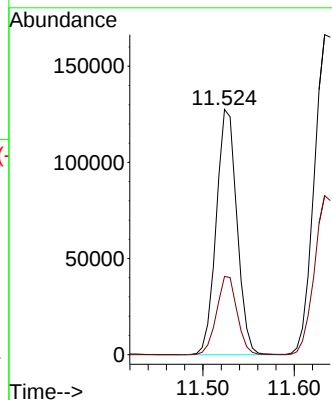
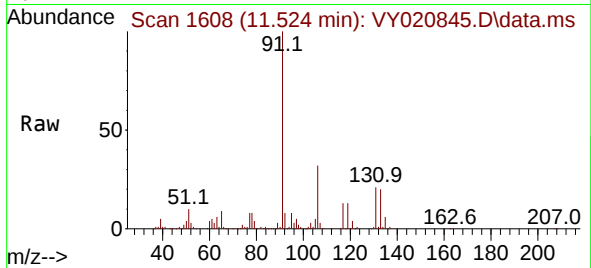




#67  
Ethyl Benzene  
Concen: 19.776 ug/l  
RT: 11.524 min Scan# 1608  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

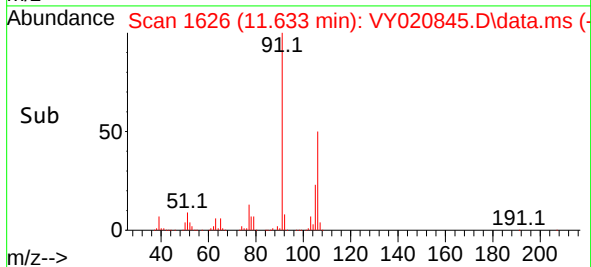
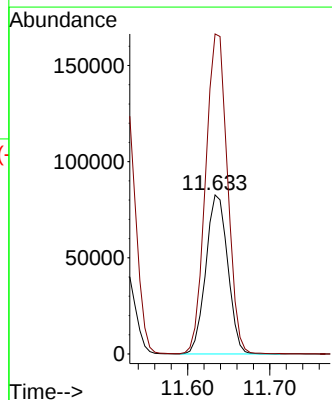
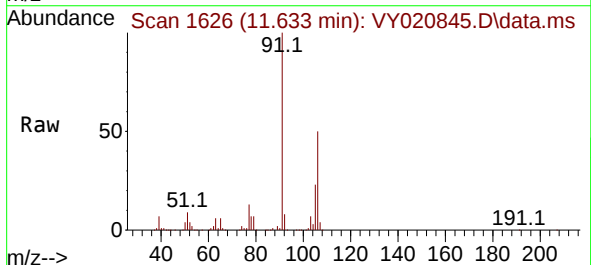
Instrument :  
MSVOA\_Y  
ClientSampleId :

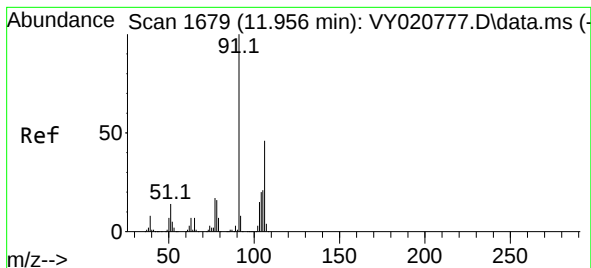
Tgt Ion: 91 Resp: 200662  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.5 38.3



#68  
m/p-Xylenes  
Concen: 39.199 ug/l  
RT: 11.633 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion:106 Resp: 153136  
Ion Ratio Lower Upper  
106 100  
91 201.1 162.6 243.8





#69

o-Xylene

Concen: 19.499 ug/l

RT: 11.962 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

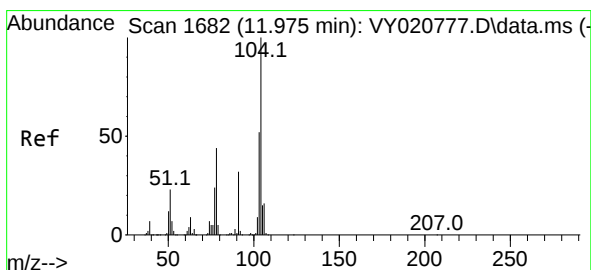
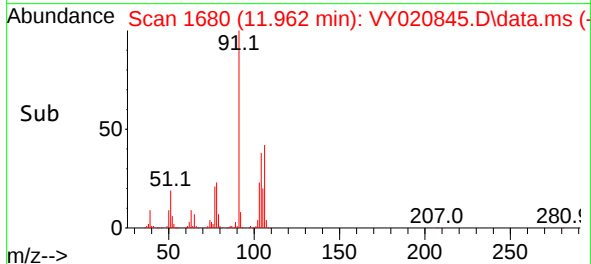
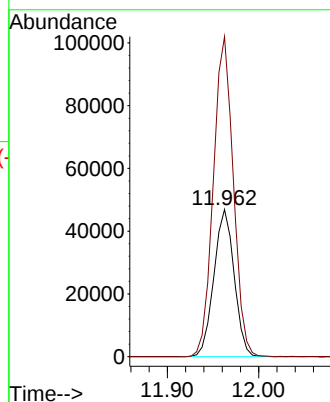
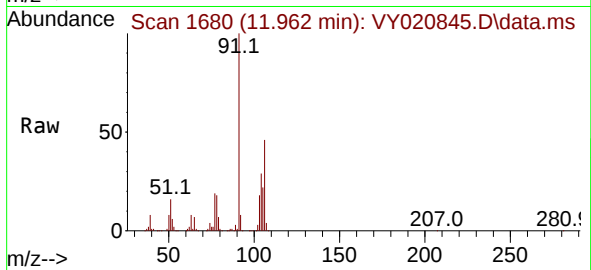
ClientSampleId :

Tgt Ion:106 Resp: 72226

Ion Ratio Lower Upper

106 100

91 214.5 108.2 324.6



#70

Styrene

Concen: 19.680 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

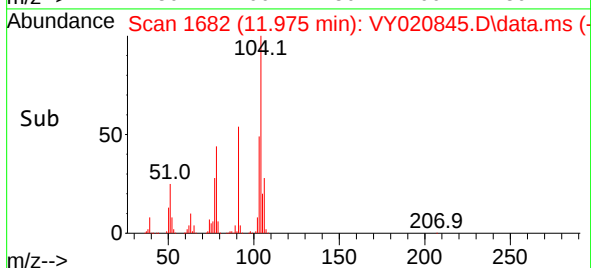
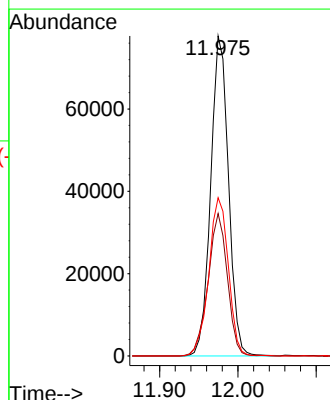
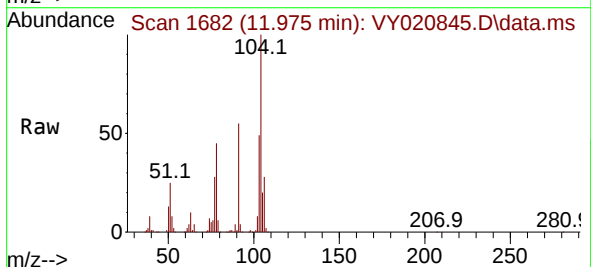
Tgt Ion:104 Resp: 122710

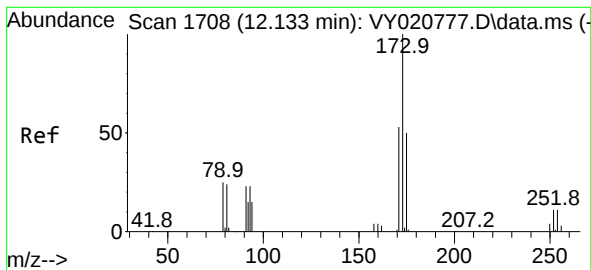
Ion Ratio Lower Upper

104 100

78 48.1 39.4 59.2

103 54.4 44.0 66.0





#71

Bromoform

Concen: 19.460 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :

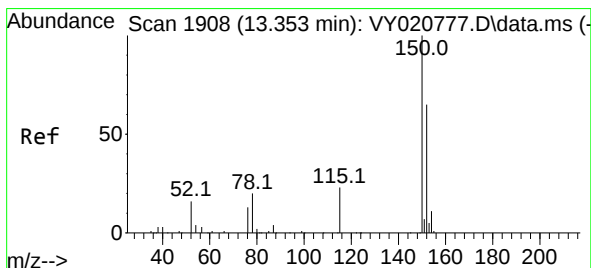
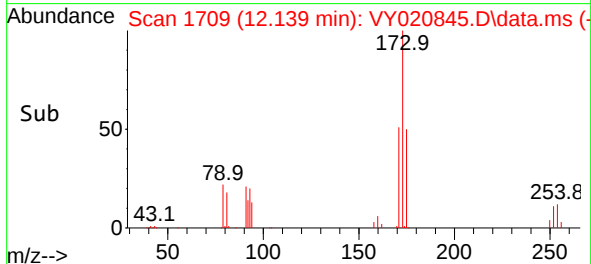
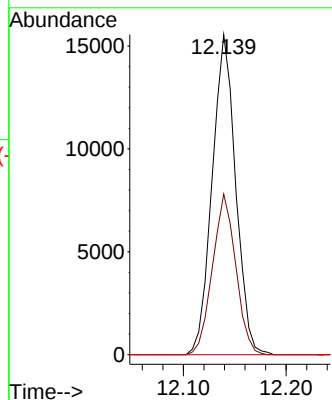
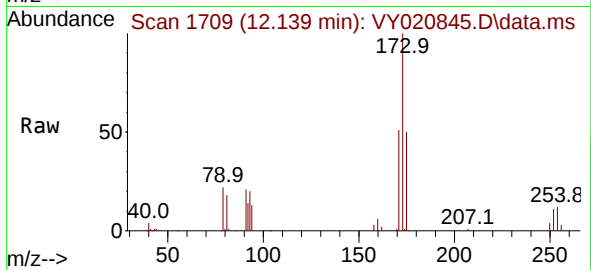
Tgt Ion:173 Resp: 24682

Ion Ratio Lower Upper

173 100

175 49.8 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

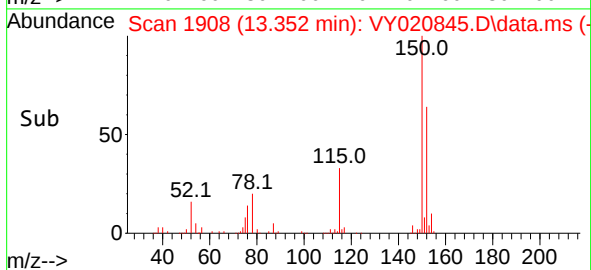
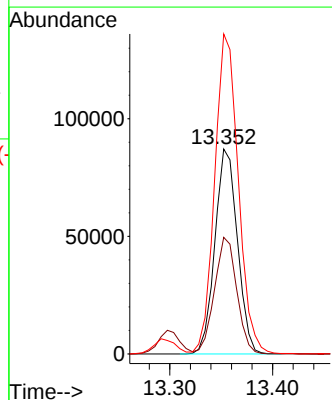
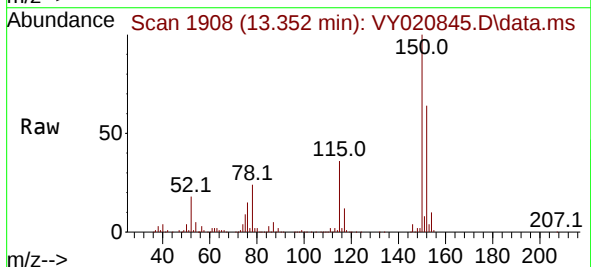
Tgt Ion:152 Resp: 132470

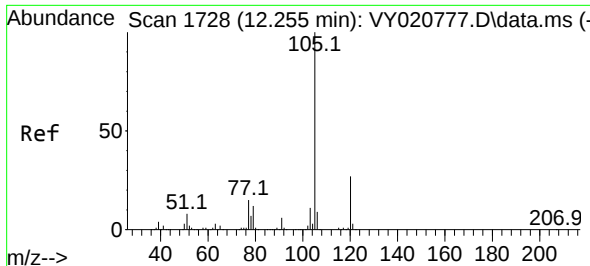
Ion Ratio Lower Upper

152 100

115 56.7 29.0 87.0

150 163.8 0.0 347.4

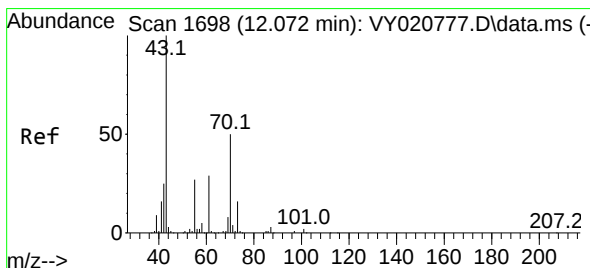
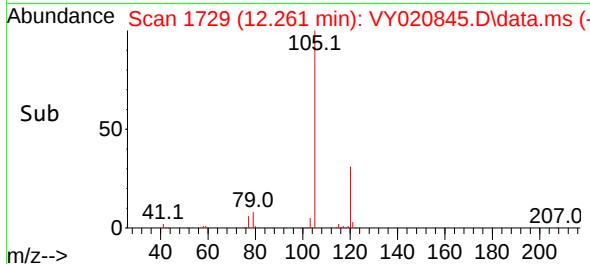
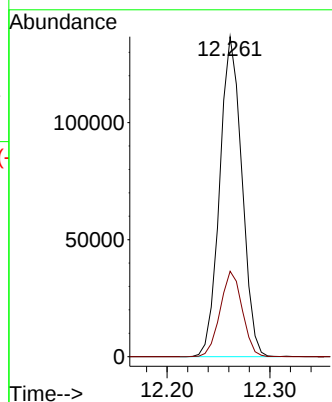
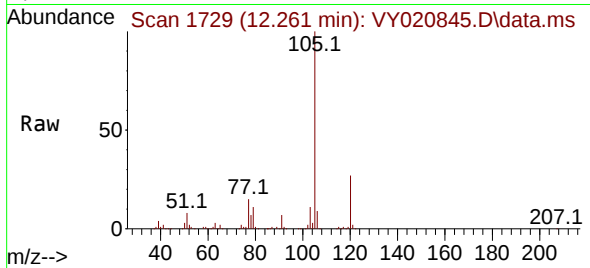




#73  
Isopropylbenzene  
Concen: 19.500 ug/l  
RT: 12.261 min Scan# 1729  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

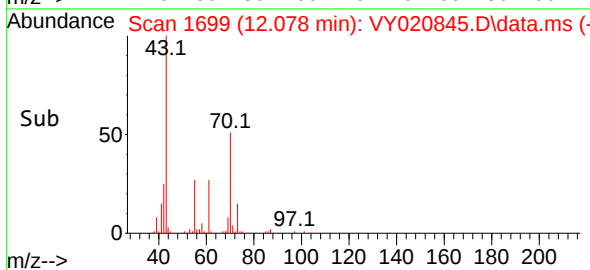
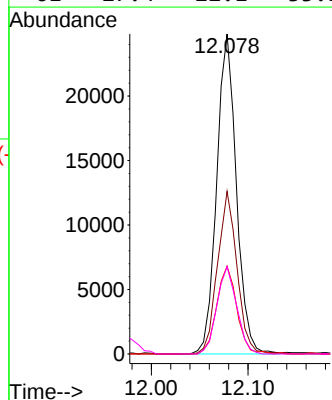
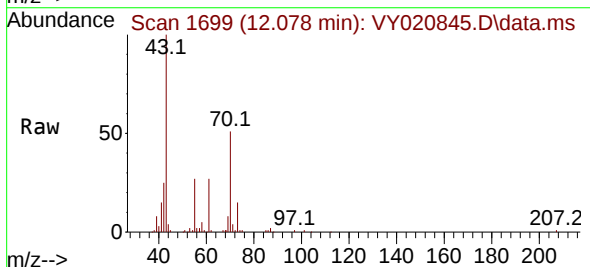
Instrument :  
MSVOA\_Y  
ClientSampleId :

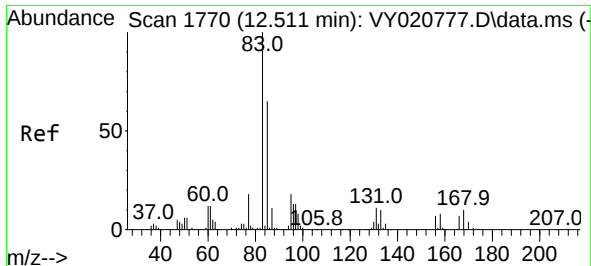
Tgt Ion:105 Resp: 204929  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.3 39.9



#74  
N-ethyl acetate  
Concen: 20.374 ug/l  
RT: 12.078 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 43 Resp: 35024  
Ion Ratio Lower Upper  
43 100  
70 50.5 40.2 60.4  
55 28.0 21.2 31.8  
61 27.4 22.1 33.1

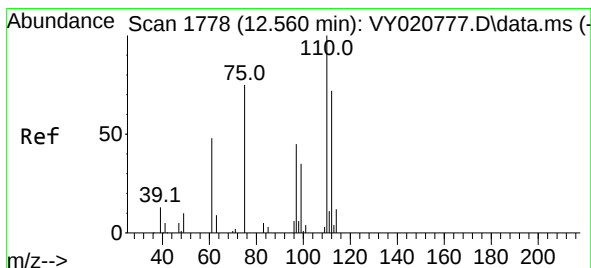
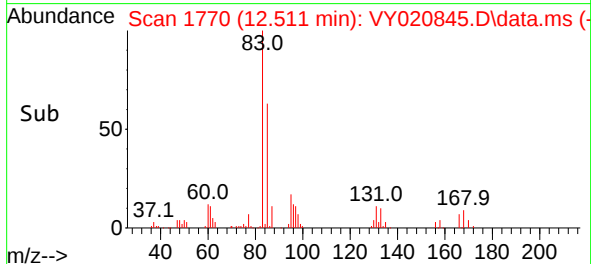
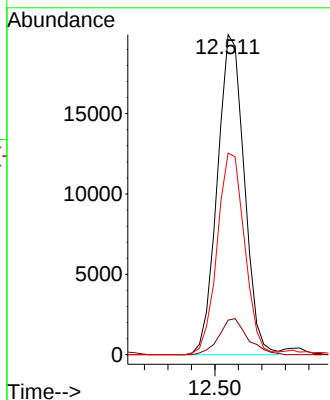
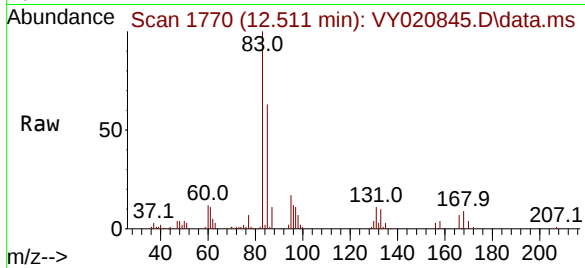




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.925 ug/l  
 RT: 12.511 min Scan# 1770  
 Delta R.T. -0.000 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

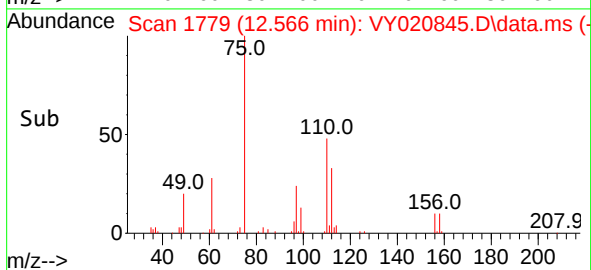
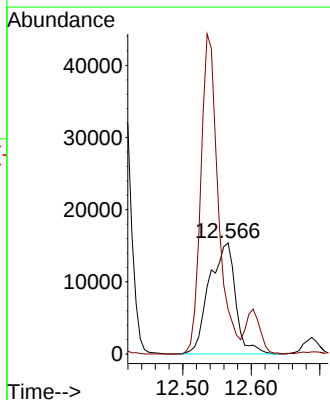
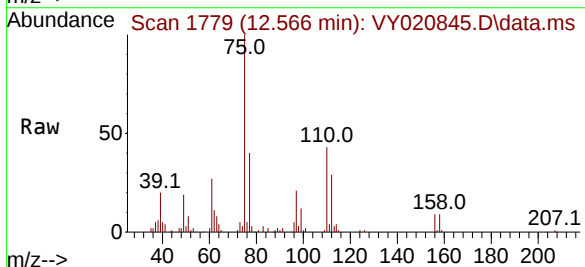
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

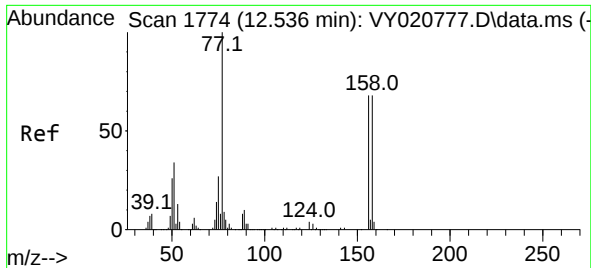
Tgt Ion: 83 Resp: 31736  
 Ion Ratio Lower Upper  
 83 100  
 131 11.9 6.0 18.0  
 85 64.4 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 35.380 ug/l  
 RT: 12.566 min Scan# 1779  
 Delta R.T. 0.006 min  
 Lab File: VY020845.D  
 Acq: 17 Jan 2025 10:58

Tgt Ion: 75 Resp: 41008  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

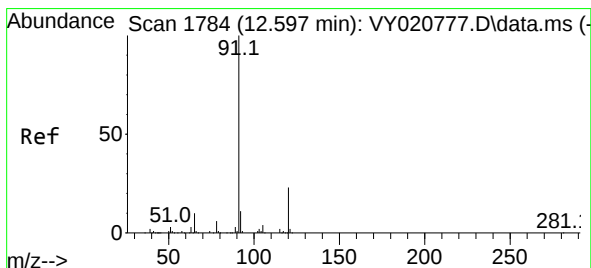
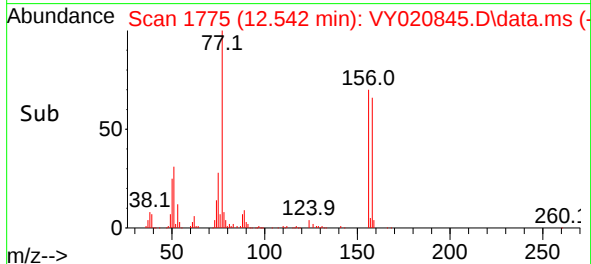
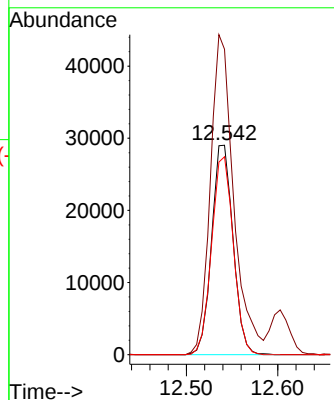
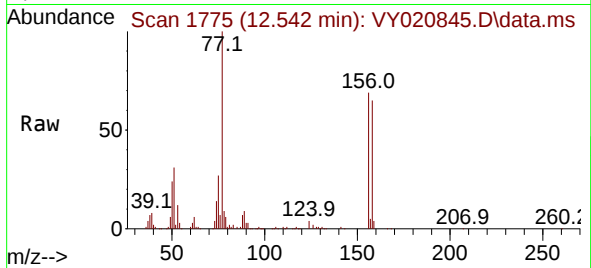




#77  
Bromobenzene  
Concen: 19.490 ug/l  
RT: 12.542 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

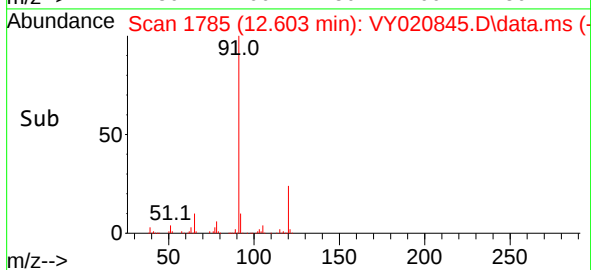
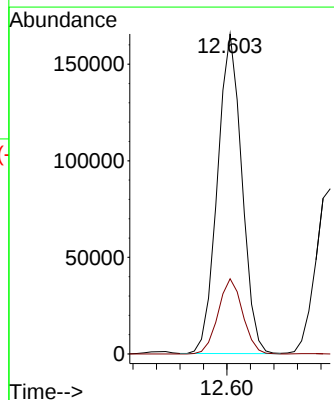
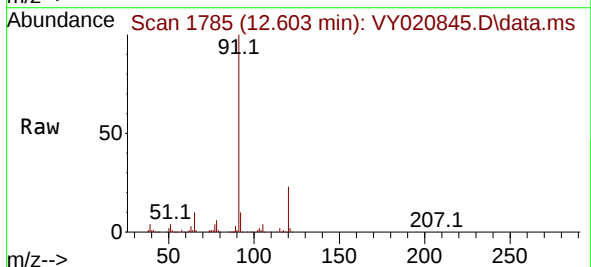
Instrument :  
MSVOA\_Y  
ClientSampleId :

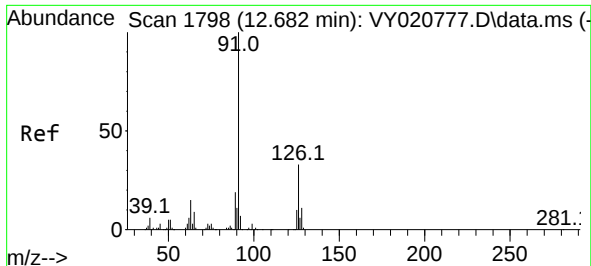
Tgt Ion:156 Resp: 47224  
Ion Ratio Lower Upper  
156 100  
77 166.5 82.3 247.0  
158 95.8 48.0 144.0



#78  
n-propylbenzene  
Concen: 20.016 ug/l  
RT: 12.603 min Scan# 1785  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 91 Resp: 238760  
Ion Ratio Lower Upper  
91 100  
120 23.6 12.0 36.1

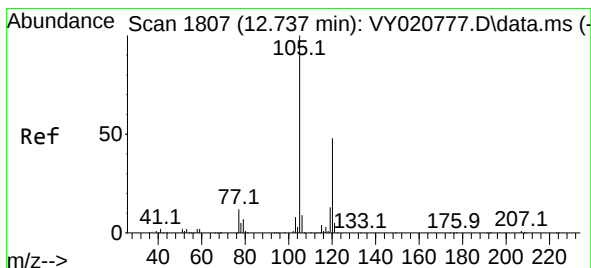
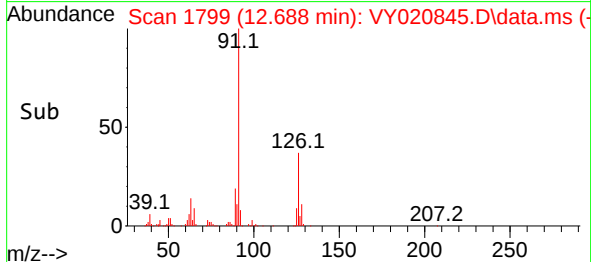
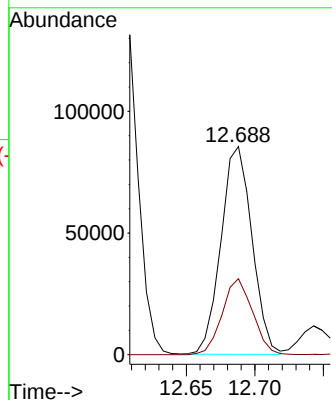
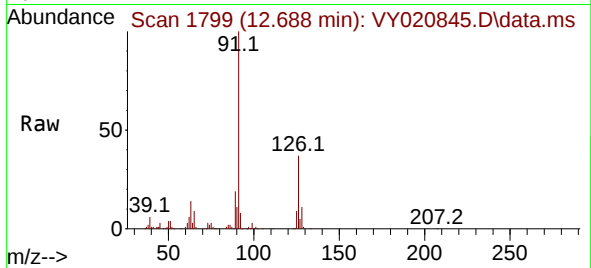




#79  
2-Chlorotoluene  
Concen: 19.603 ug/l  
RT: 12.688 min Scan# 1798  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

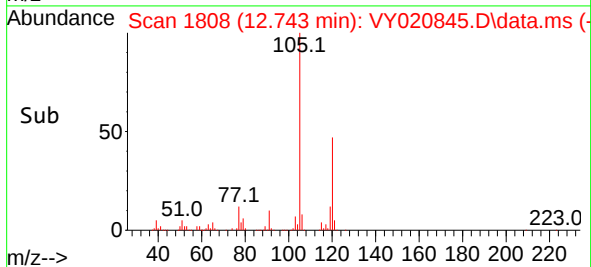
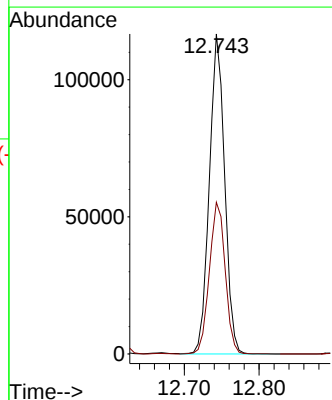
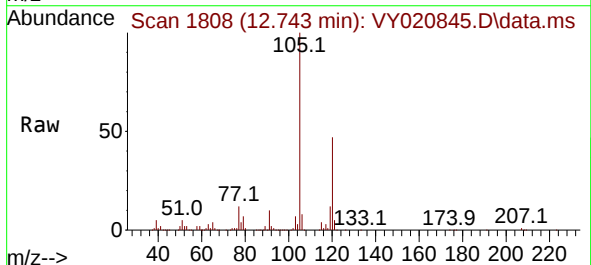
Instrument :  
MSVOA\_Y  
ClientSampleId :

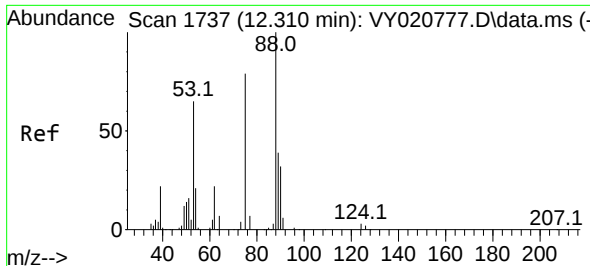
Tgt Ion: 91 Resp: 134655  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.5 52.6



#80  
1,3,5-Trimethylbenzene  
Concen: 19.485 ug/l  
RT: 12.743 min Scan# 1808  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 105 Resp: 165950  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.5 73.5

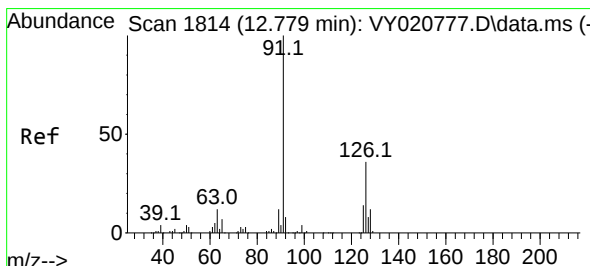
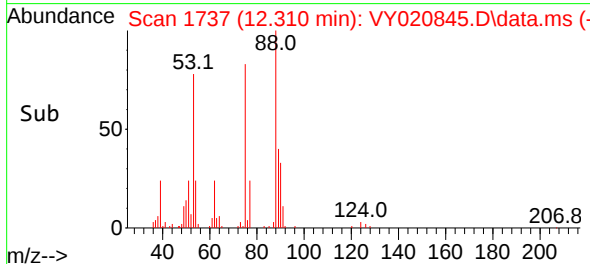
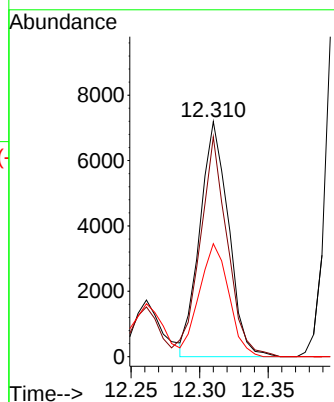
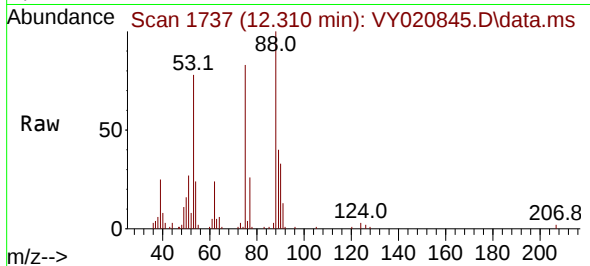




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.039 ug/l  
RT: 12.310 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

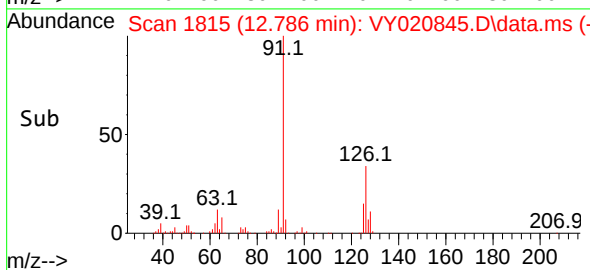
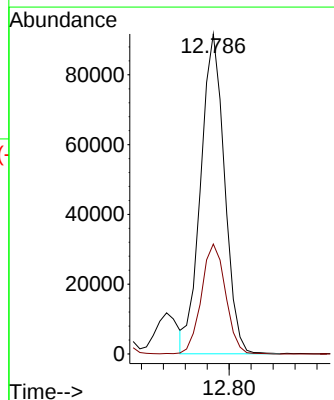
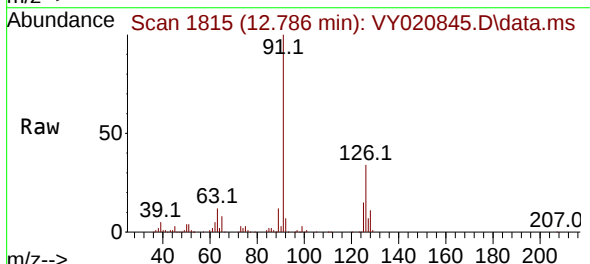
Instrument :  
MSVOA\_Y  
ClientSampleId :

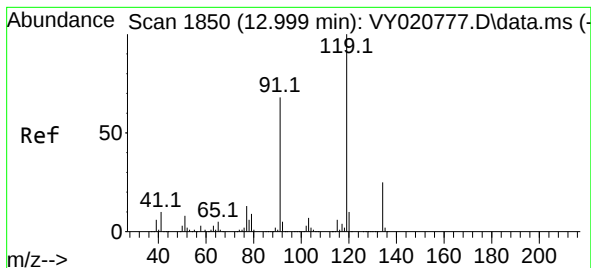
Tgt Ion: 75 Resp: 10466  
Ion Ratio Lower Upper  
75 100  
53 89.4 69.4 104.0  
89 49.5 39.6 59.4



#82  
4-Chlorotoluene  
Concen: 19.504 ug/l  
RT: 12.786 min Scan# 1815  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 91 Resp: 138259  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.3 51.7





#83

tert-Butylbenzene

Concen: 19.474 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :

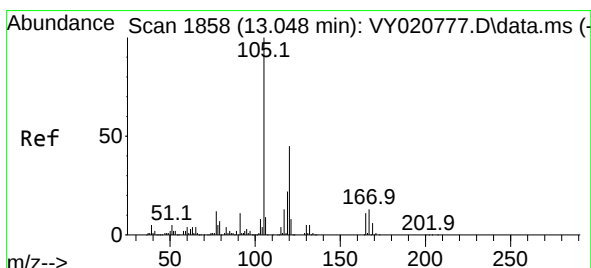
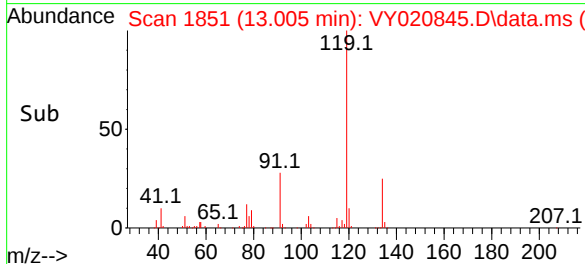
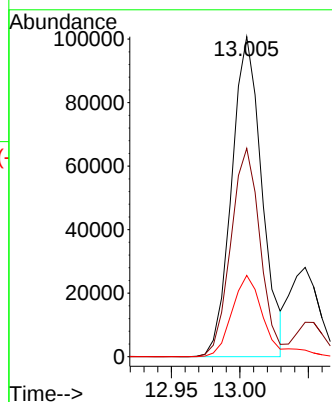
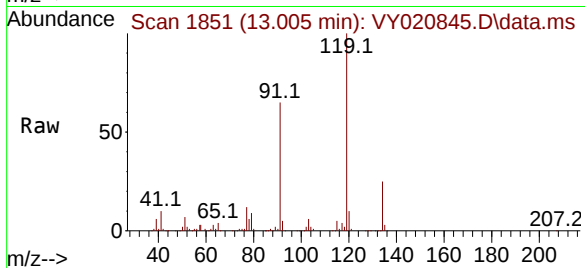
Tgt Ion:119 Resp: 155123

Ion Ratio Lower Upper

119 100

91 63.1 33.0 98.9

134 27.0 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 19.298 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020845.D

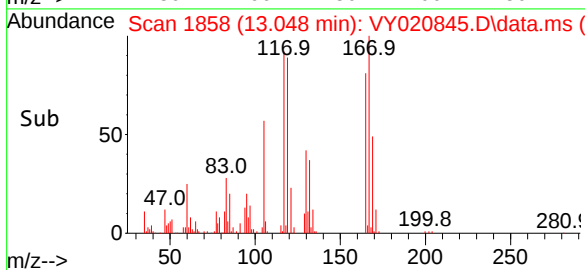
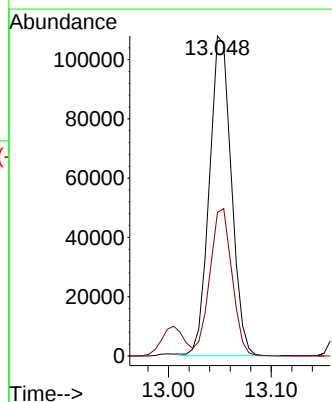
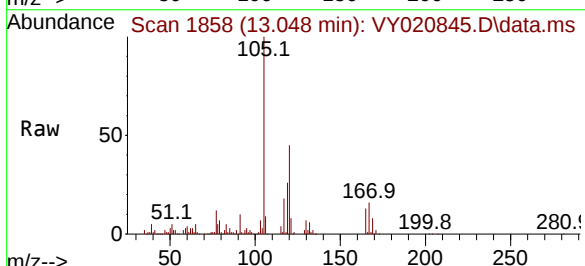
Acq: 17 Jan 2025 10:58

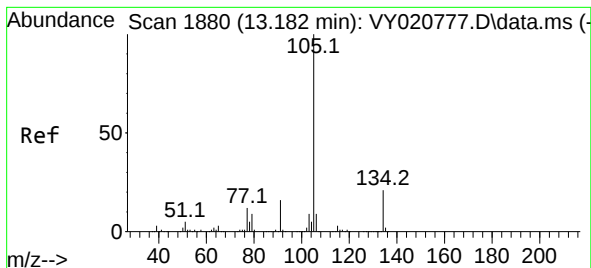
Tgt Ion:105 Resp: 160495

Ion Ratio Lower Upper

105 100

120 46.5 22.4 67.2





#85

sec-Butylbenzene

Concen: 20.149 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

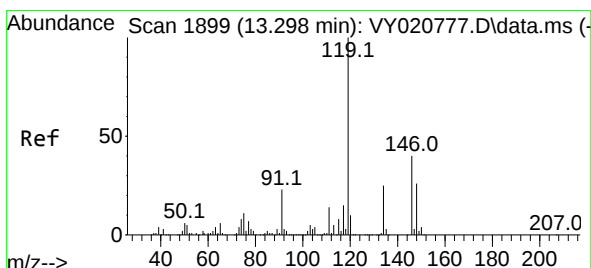
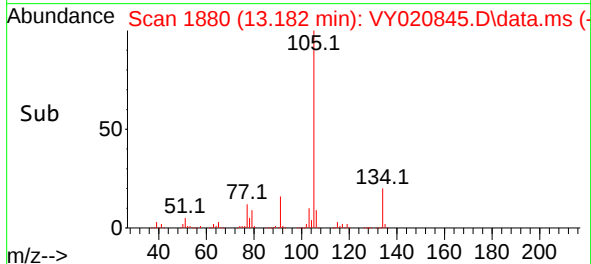
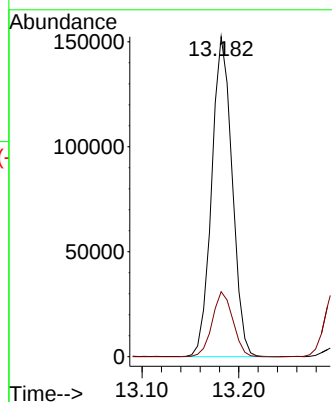
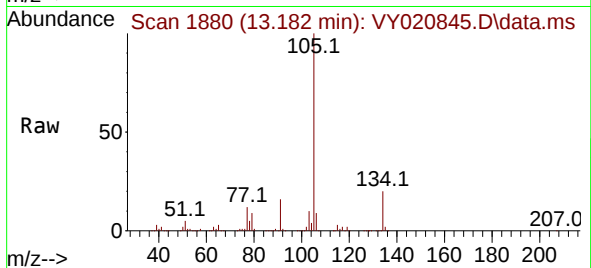
ClientSampleId :

Tgt Ion:105 Resp: 224187

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



#86

p-Isopropyltoluene

Concen: 19.936 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

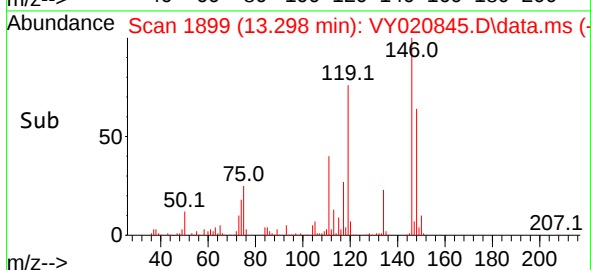
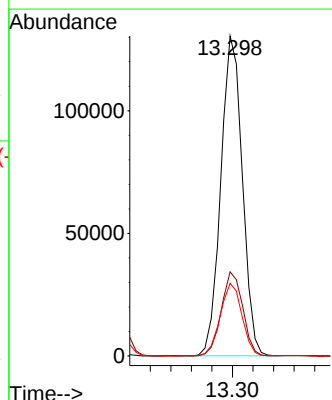
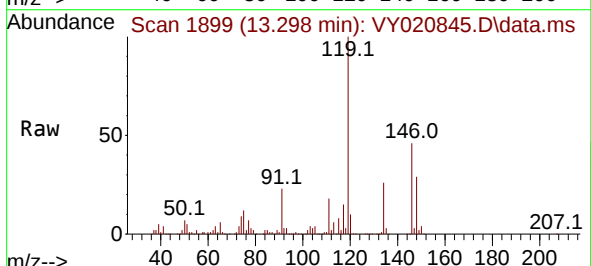
Tgt Ion:119 Resp: 189220

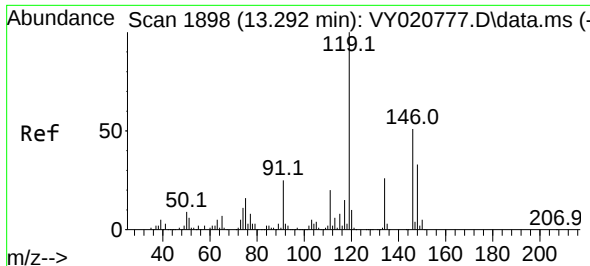
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 23.0 11.8 35.3

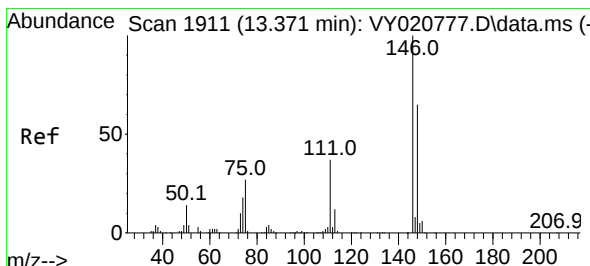
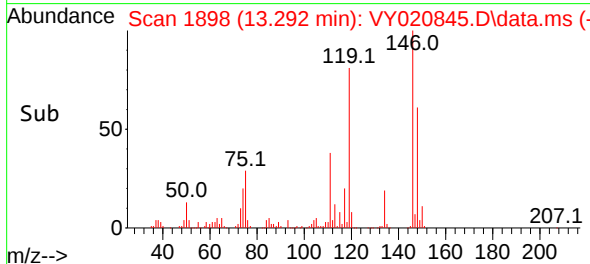
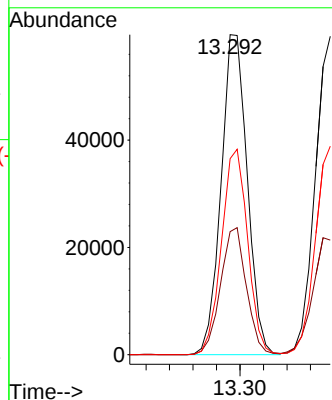
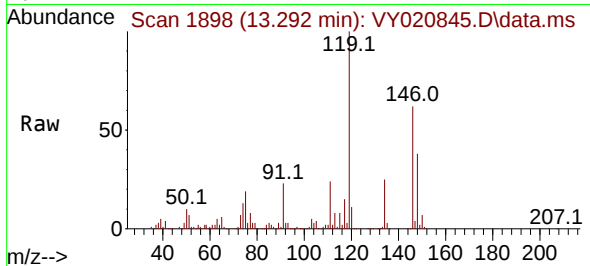




#87  
1,3-Dichlorobenzene  
Concen: 19.640 ug/l  
RT: 13.292 min Scan# 1898  
Delta R.T. -0.000 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

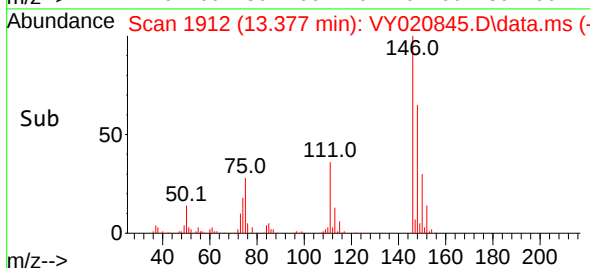
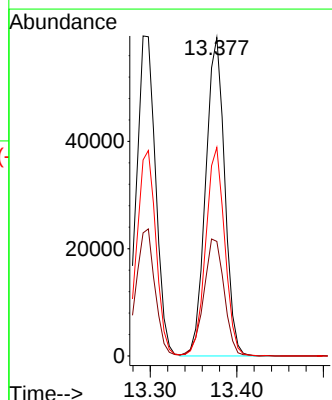
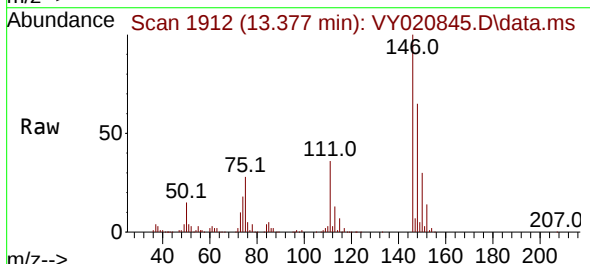
Instrument :  
MSVOA\_Y  
ClientSampleId :

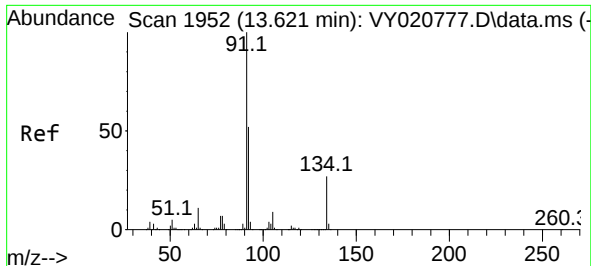
Tgt Ion:146 Resp: 92463  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.5 58.5  
148 64.1 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 19.536 ug/l  
RT: 13.377 min Scan# 1912  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion:146 Resp: 90535  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.1 57.3  
148 65.6 32.1 96.5

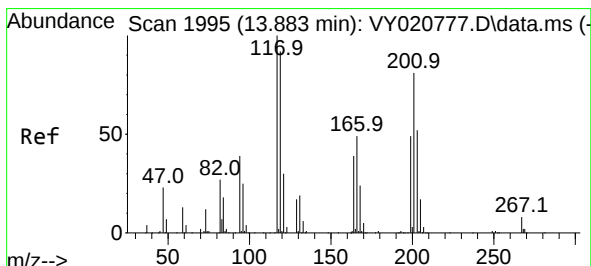
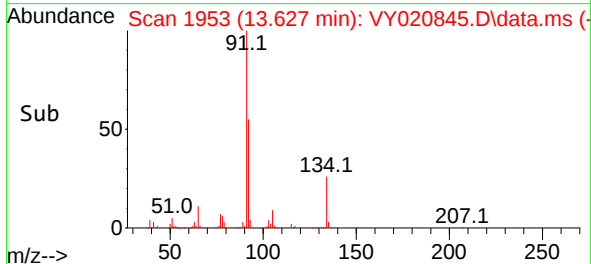
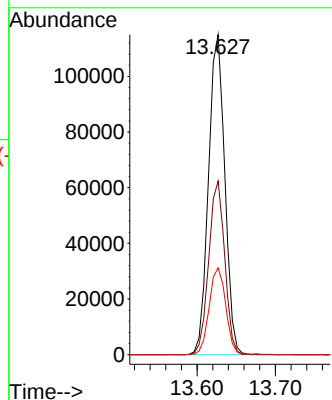
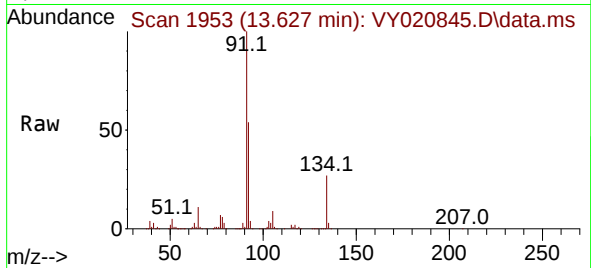




#89  
n-Butylbenzene  
Concen: 20.168 ug/l  
RT: 13.627 min Scan# 1953  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

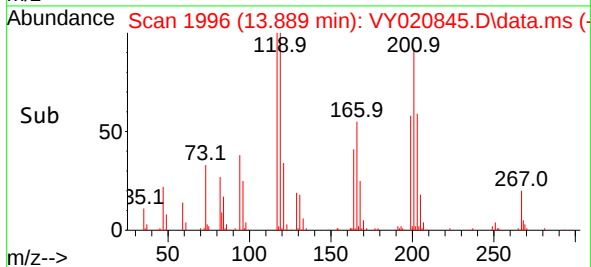
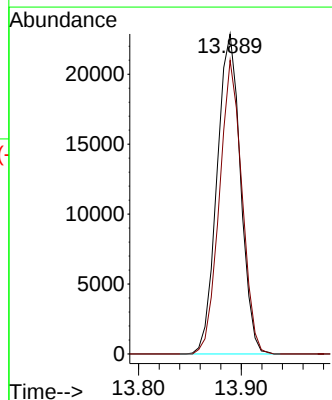
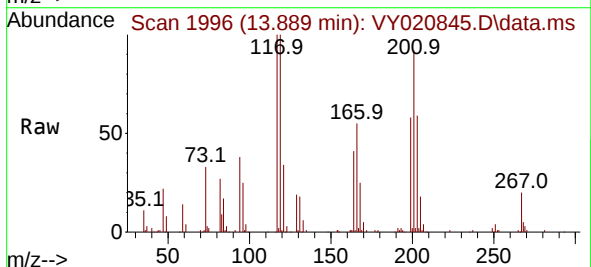
Instrument :  
MSVOA\_Y  
ClientSampleId :

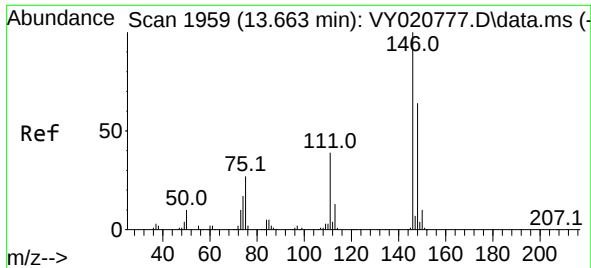
Tgt Ion: 91 Resp: 166069  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.5 79.4  
134 27.5 13.8 41.4



#90  
Hexachloroethane  
Concen: 19.045 ug/l  
RT: 13.889 min Scan# 1996  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 117 Resp: 36298  
Ion Ratio Lower Upper  
117 100  
201 87.9 42.9 128.7

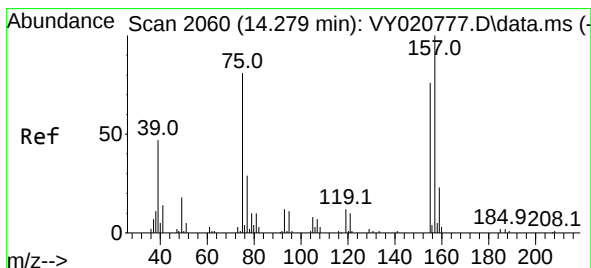
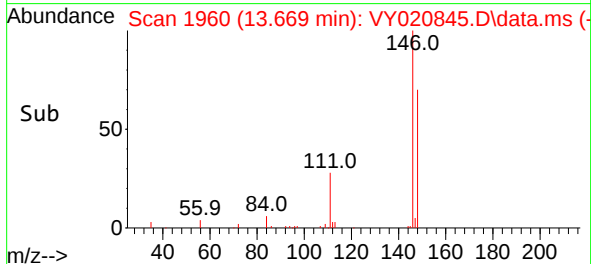
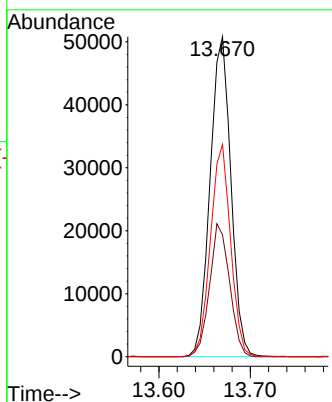
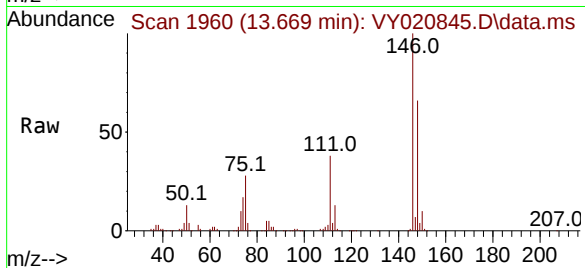




#91  
1,2-Dichlorobenzene  
Concen: 19.483 ug/l  
RT: 13.669 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

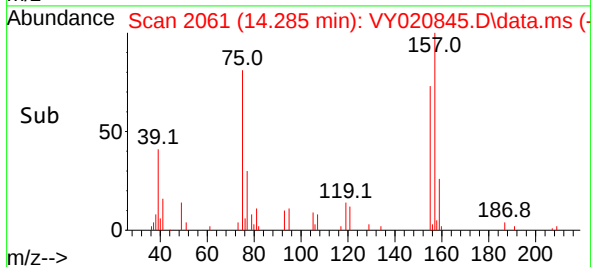
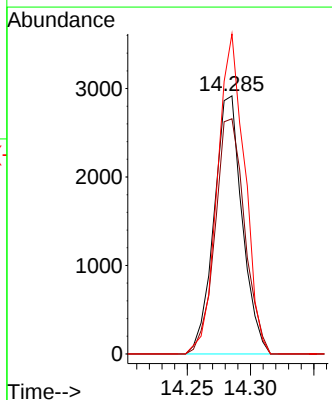
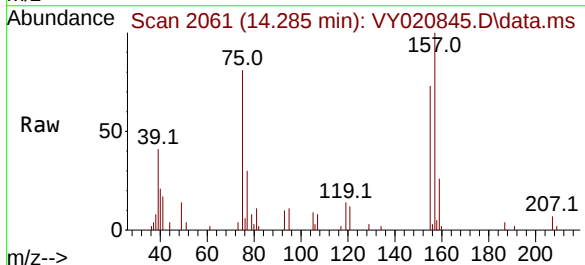
Instrument :  
MSVOA\_Y  
ClientSampleId :

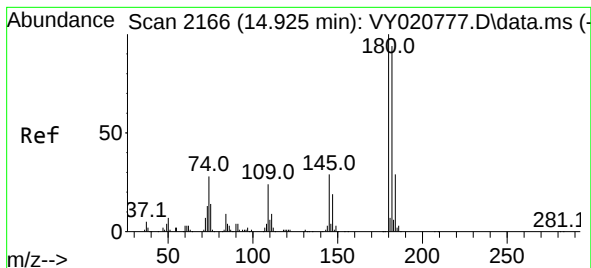
Tgt Ion:146 Resp: 80199  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.0 60.0  
148 64.1 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.508 ug/l  
RT: 14.285 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: VY020845.D  
Acq: 17 Jan 2025 10:58

Tgt Ion: 75 Resp: 4509  
Ion Ratio Lower Upper  
75 100  
155 95.4 45.5 136.5  
157 119.7 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 19.906 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :

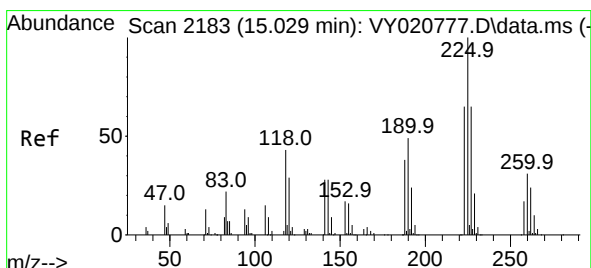
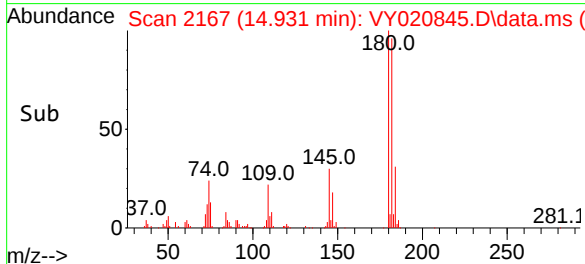
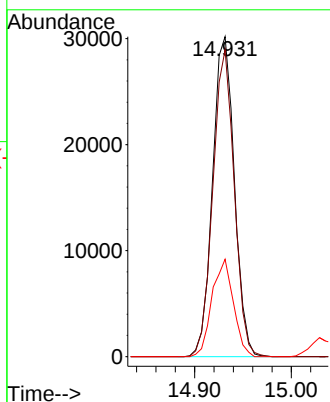
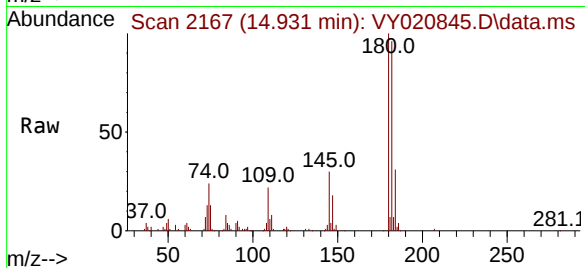
Tgt Ion:180 Resp: 47156

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 30.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 20.844 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

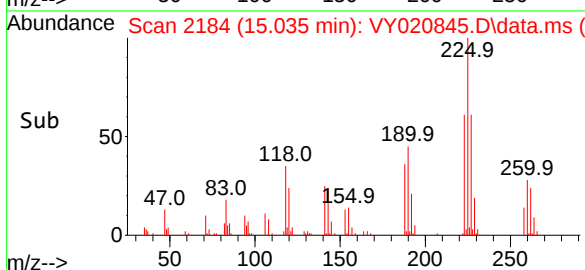
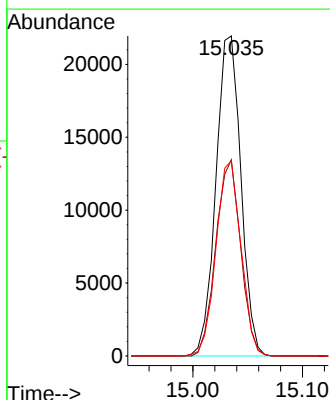
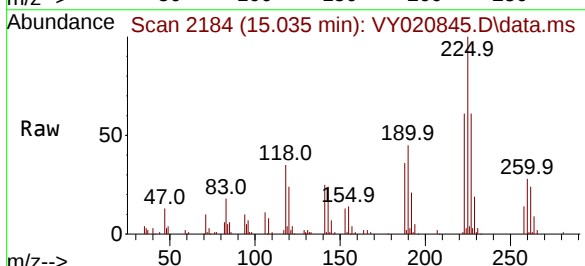
Tgt Ion:225 Resp: 34810

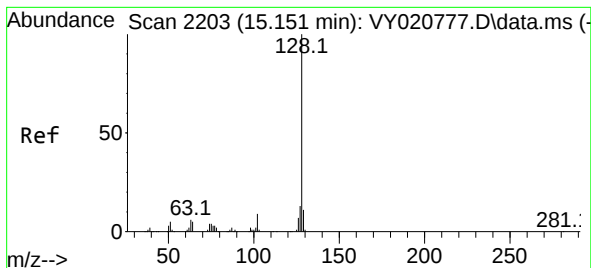
Ion Ratio Lower Upper

225 100

223 60.8 31.6 94.8

227 60.8 32.2 96.6





#95

Naphthalene

Concen: 19.176 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Instrument :

MSVOA\_Y

ClientSampleId :

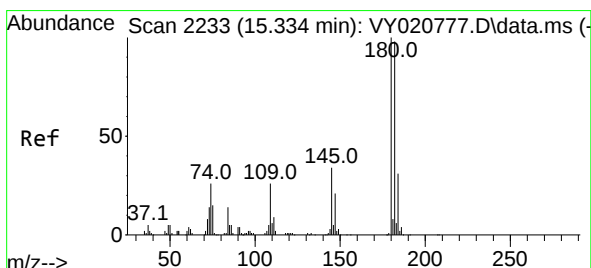
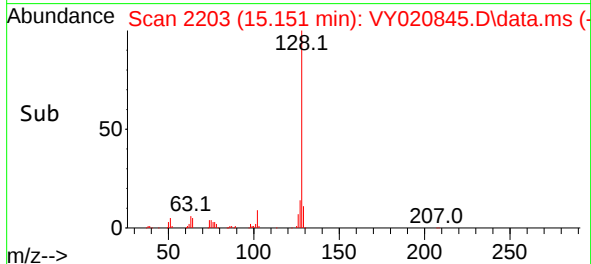
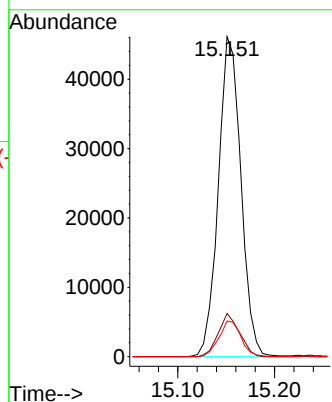
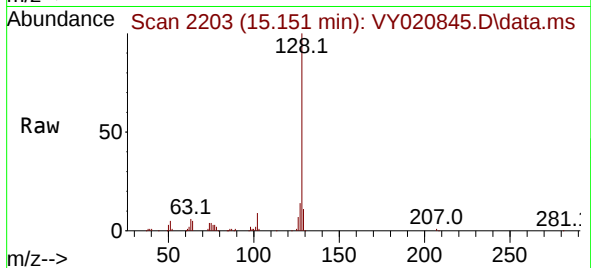
Tgt Ion:128 Resp: 74764

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.939 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020845.D

Acq: 17 Jan 2025 10:58

Tgt Ion:180 Resp: 39572

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.3

145 31.2 16.1 48.2

