

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY071024\  
 Data File : VY018760.D  
 Acq On : 10 Jul 2024 11:39  
 Operator : SY/MD  
 Sample : VY0710SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 11 02:20:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 14:28:51 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.777  | 168  | 109779   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.679  | 114  | 171134   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.483 | 117  | 149629   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 76172    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 61021    | 56.488   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 112.980% |      |
| 35) Dibromofluoromethane    | 7.704  | 113   | 59890    | 55.875   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 111.760% |      |
| 50) Toluene-d8              | 10.173 | 98    | 225376   | 55.500   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 111.000% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 76830    | 55.402   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 110.800% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 19724  | 21.442  | ug/l   | 97  |
| 3) Chloromethane             | 2.107 | 50  | 29912  | 21.398  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.235 | 62  | 36929  | 22.584  | ug/l   | 98  |
| 5) Bromomethane              | 2.631 | 94  | 26346  | 23.423  | ug/l   | 94  |
| 6) Chloroethane              | 2.772 | 64  | 23540  | 22.158  | ug/l   | 90  |
| 7) Trichlorofluoromethane    | 3.101 | 101 | 48193  | 22.554  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.509 | 74  | 12618  | 24.228  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 24582  | 22.422  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.070 | 142 | 23978  | 20.310  | ug/l   | 93  |
| 11) Tert butyl alcohol       | 4.930 | 59  | 10534  | 96.263  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.851 | 96  | 23272  | 21.942  | ug/l   | 99  |
| 13) Acrolein                 | 3.716 | 56  | 9040   | 103.110 | ug/l   | 95  |
| 14) Allyl chloride           | 4.454 | 41  | 29413  | 22.385  | ug/l   | 92  |
| 15) Acrylonitrile            | 5.149 | 53  | 24047  | 117.042 | ug/l   | 98  |
| 16) Acetone                  | 3.924 | 43  | 20591  | 103.391 | ug/l   | 90  |
| 17) Carbon Disulfide         | 4.168 | 76  | 66245  | 22.306  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.460 | 43  | 12817  | 22.149  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.204 | 73  | 56601  | 23.005  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.692 | 84  | 30405  | 24.418  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.192 | 96  | 25349  | 22.645  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.100 | 45  | 64978  | 22.734  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.039 | 43  | 261843 | 116.285 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 5.997 | 63  | 41612  | 22.803  | ug/l   | 97  |
| 25) 2-Butanone               | 6.972 | 43  | 31464  | 112.709 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 6.966 | 77  | 36271  | 21.421  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.966 | 96  | 30016  | 23.031  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.313 | 49  | 16140  | 22.021  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 20393  | 119.157 | ug/l   | 94  |
| 30) Chloroform               | 7.490 | 83  | 45936  | 22.586  | ug/l   | 94  |
| 31) Cyclohexane              | 7.771 | 56  | 36296  | 21.870  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.685 | 97  | 42983  | 22.728  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 32641  | 22.067  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.057 | 43  | 13798  | 22.442  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 40338  | 22.642  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.179 | 83  | 42903  | 22.633  | ug/l   | 95  |
| 40) Benzene                  | 8.149 | 78  | 96514  | 22.492  | ug/l   | 99  |

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 Sample : VY0710SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 11 02:20:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 14:28:51 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 12641    | 36.062  | ug/l # | 33       |
| 42) 1,2-Dichloroethane        | 8.222  | 62   | 27969    | 23.281  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 27595    | 22.556  | ug/l # | 78       |
| 44) Trichloroethene           | 8.929  | 130  | 28693    | 23.393  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 21085    | 22.565  | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 14419    | 23.807  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.490  | 83   | 34595    | 22.864  | ug/l   | 92       |
| 48) Methyl methacrylate       | 9.283  | 41   | 13267    | 23.858  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.283  | 88   | 3329     | 468.885 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 73416    | 117.536 | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 63317    | 22.201  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 28210    | 21.594  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.917  | 75   | 34824    | 22.722  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 17293    | 22.547  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.502 | 69   | 24354    | 24.119  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 30302    | 23.833  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 51568    | 106.895 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.825 | 43   | 49613    | 113.534 | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.977 | 129  | 23357    | 22.164  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 17662    | 23.687  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.715 | 164  | 28139    | 23.234  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 72334    | 22.916  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 23738    | 21.828  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.587 | 91   | 122997   | 22.244  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.697 | 106  | 96348    | 44.402  | ug/l   | 98       |
| 69) o-Xylene                  | 12.026 | 106  | 45211    | 22.162  | ug/l   | 97       |
| 70) Styrene                   | 12.038 | 104  | 76130    | 22.366  | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 13128    | 22.146  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 122367   | 21.950  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 23977    | 21.031  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 19969    | 22.722  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 24879    | 41.702  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 29128    | 21.887  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.666 | 91   | 143189   | 21.629  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 81061    | 21.776  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 97736    | 21.427  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 5657     | 21.222  | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 83885    | 21.884  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.068 | 119  | 90441    | 21.476  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 99145    | 21.873  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 128249   | 21.456  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 113711   | 22.036  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 56429    | 21.588  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 56710    | 21.890  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.690 | 91   | 102380   | 21.884  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.959 | 117  | 20068    | 20.911  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 48984    | 21.694  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 3094     | 21.727  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 28650    | 20.786  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 17101    | 21.525  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 52742    | 22.306  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 25523    | 21.642  | ug/l   | 98       |

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Sample : VY0710SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jul 11 02:20:17 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 09 14:28:51 2024  
Response via : Initial Calibration

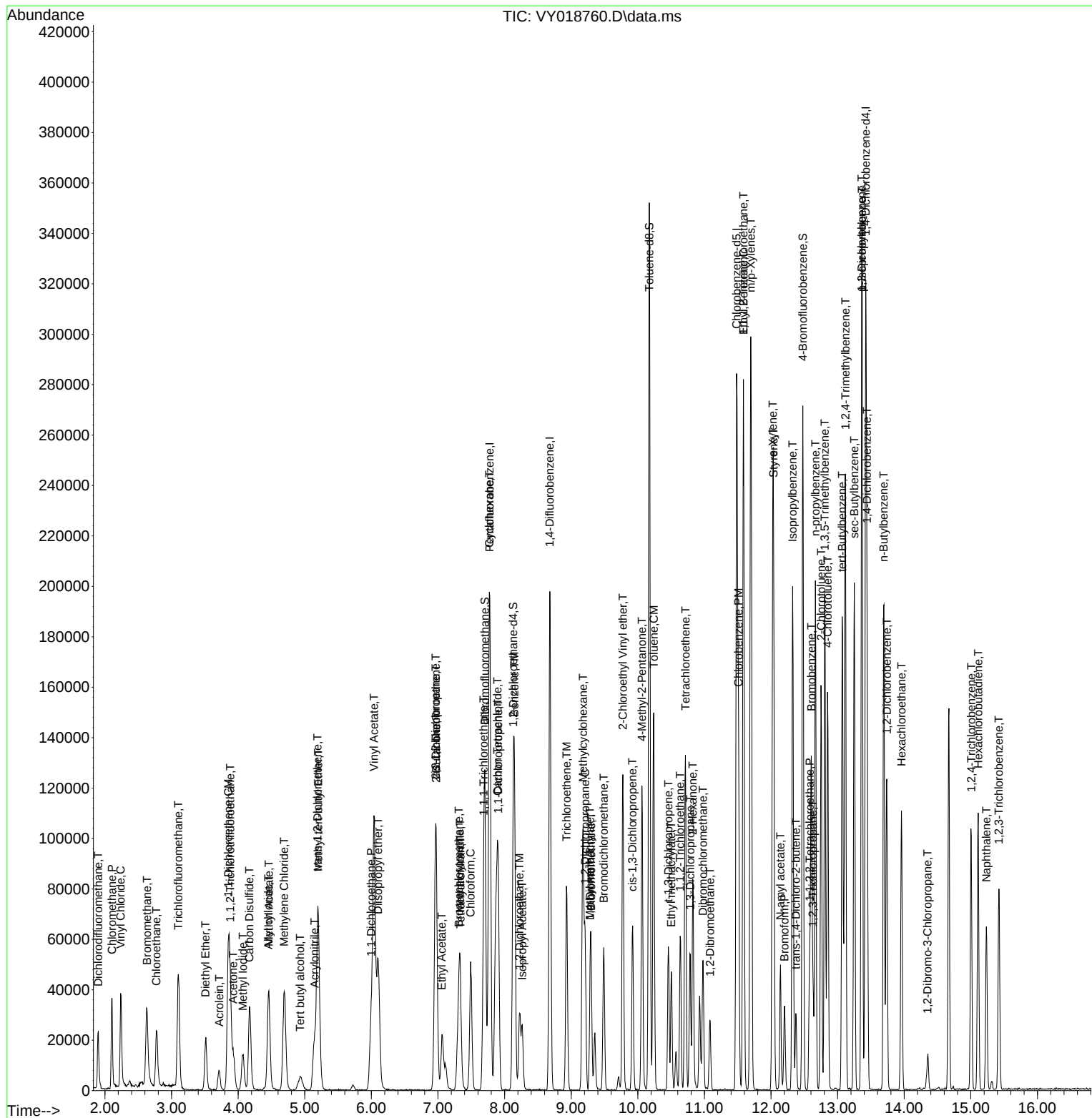
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

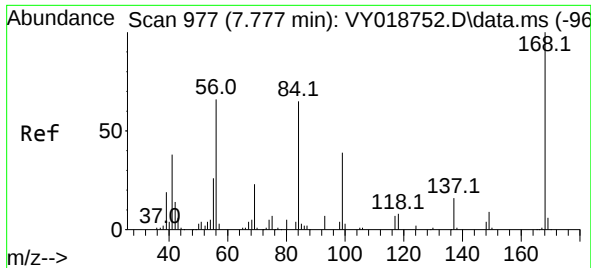
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY071024\  
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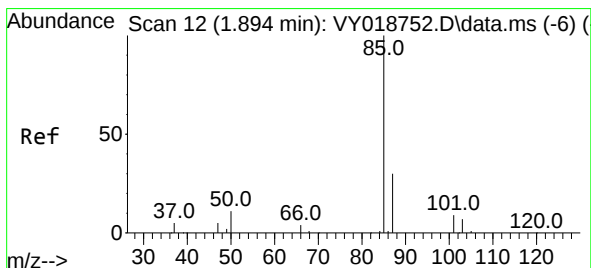
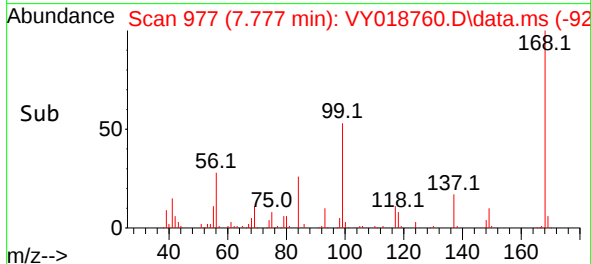
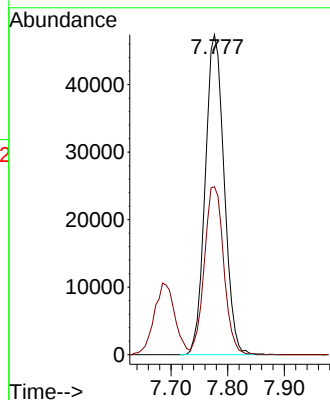
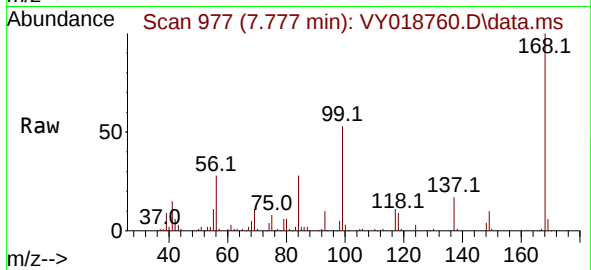




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

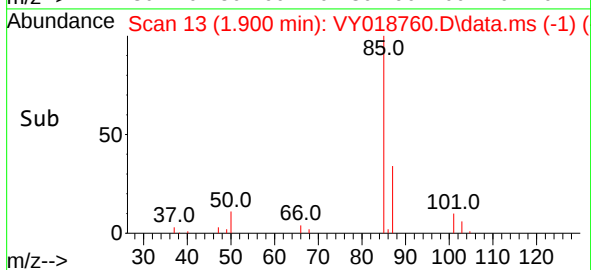
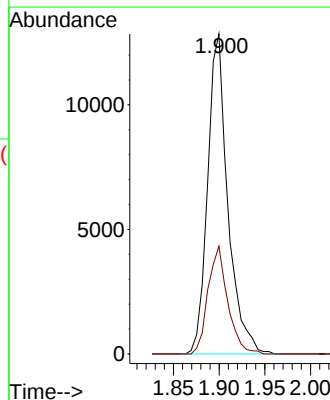
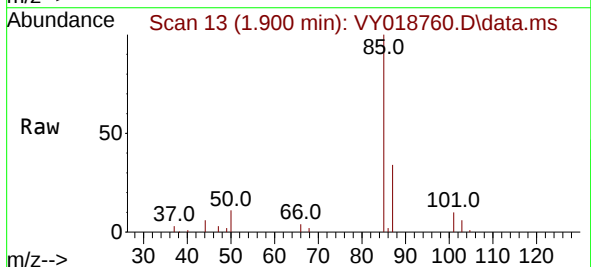
Instrument :  
MSVOA\_Y  
ClientSampleId :

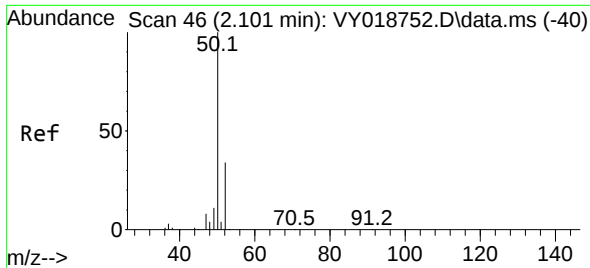
Tgt Ion:168 Resp: 109779  
Ion Ratio Lower Upper  
168 100  
99 52.5 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 21.442 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 85 Resp: 19724  
Ion Ratio Lower Upper  
85 100  
87 33.7 16.0 48.0

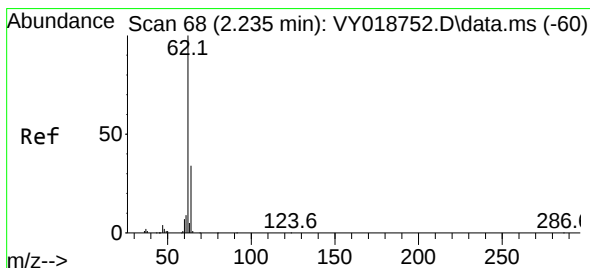
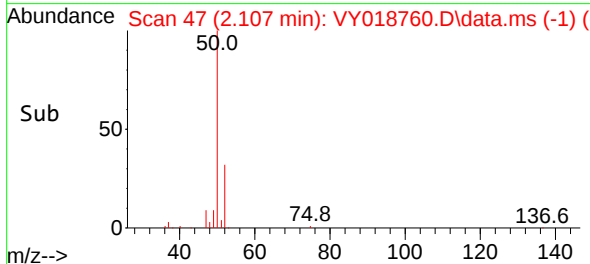
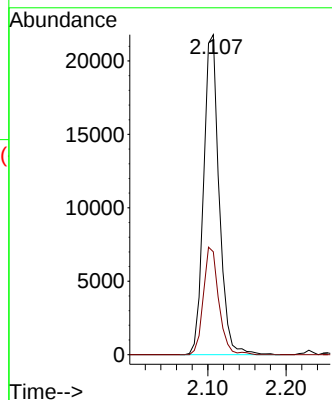
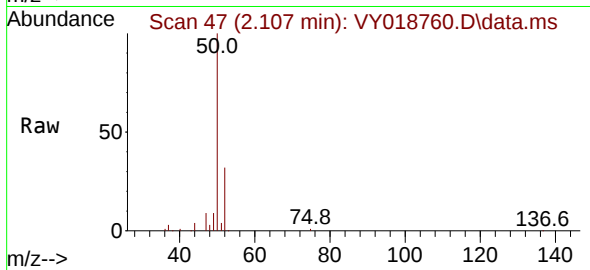




#3  
Chloromethane  
Concen: 21.398 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

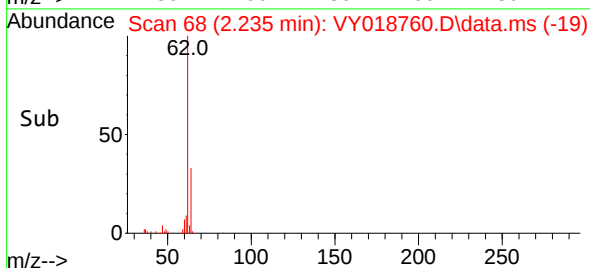
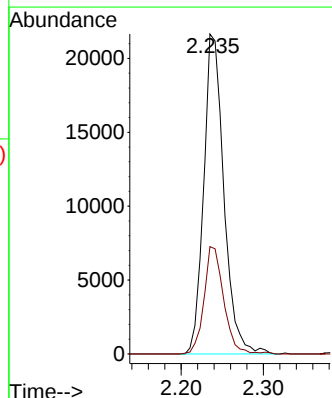
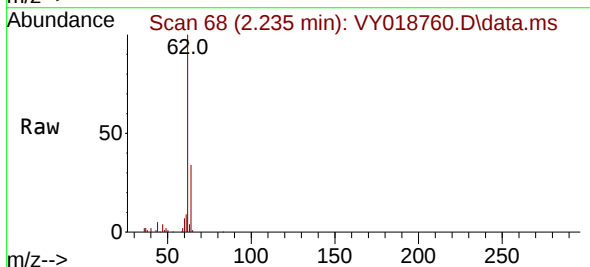
Instrument :  
MSVOA\_Y  
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Tgt Ion: 50 Resp: 29912  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.6 38.4



#4  
Vinyl Chloride  
Concen: 22.584 ug/l  
RT: 2.235 min Scan# 68  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 62 Resp: 36929  
Ion Ratio Lower Upper  
62 100  
64 33.5 26.1 39.1

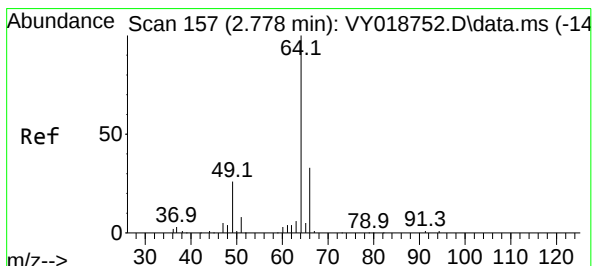
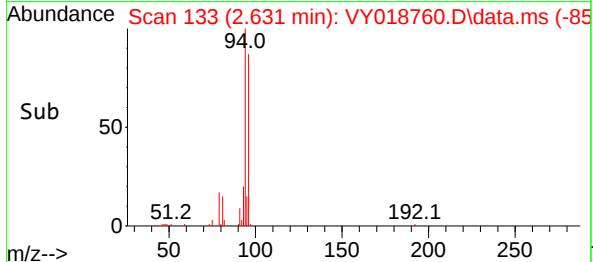
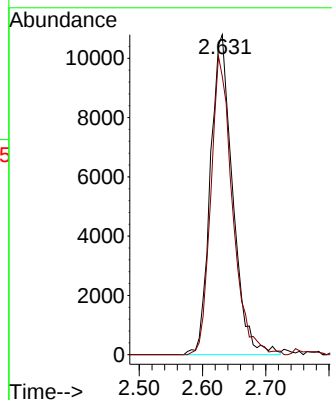
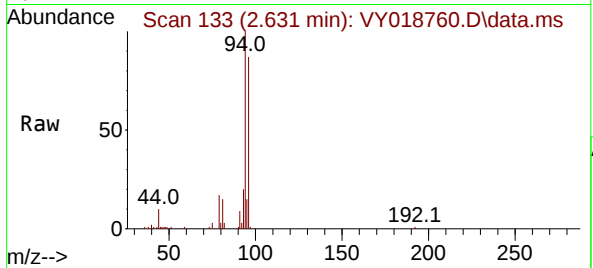




#5  
Bromomethane  
Concen: 23.423 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

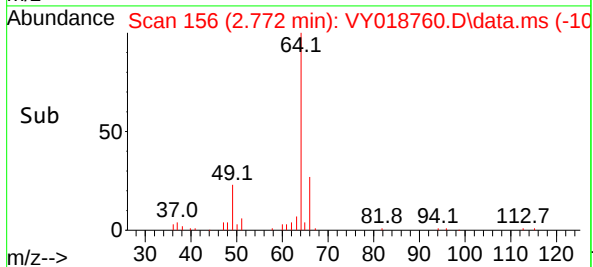
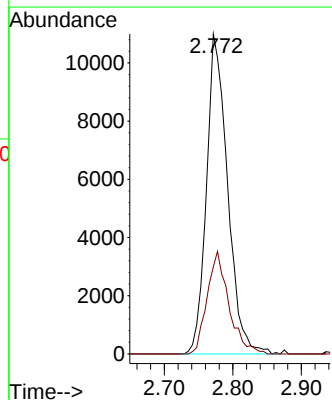
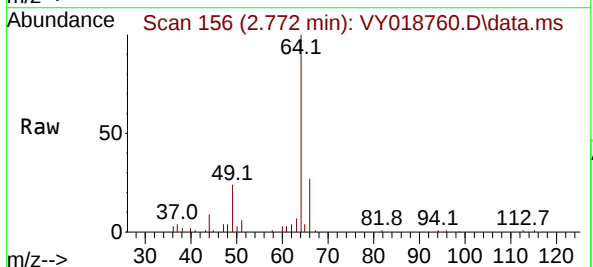
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 94 Resp: 26346  
Ion Ratio Lower Upper  
94 100  
96 87.0 74.1 111.1



#6  
Chloroethane  
Concen: 22.158 ug/l  
RT: 2.772 min Scan# 156  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 64 Resp: 23540  
Ion Ratio Lower Upper  
64 100  
66 27.2 26.1 39.1

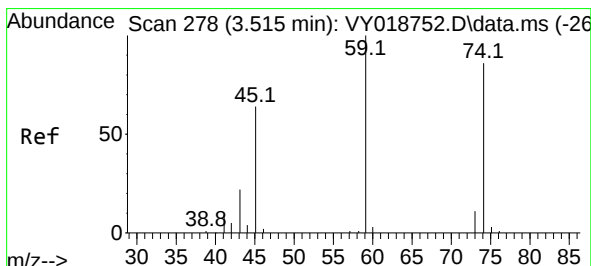
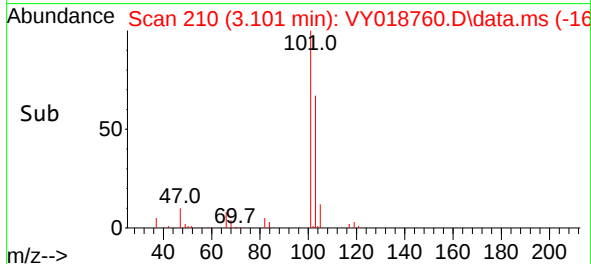
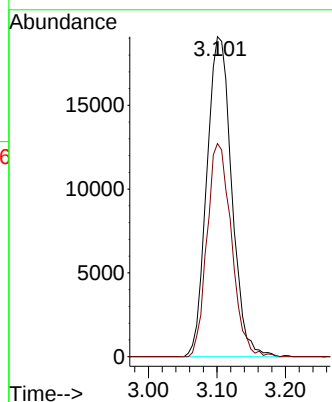
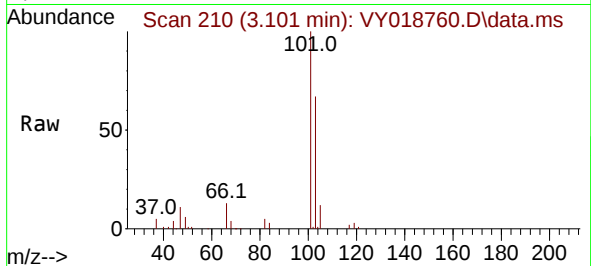




#7  
 Trichlorofluoromethane  
 Concen: 22.554 ug/l  
 RT: 3.101 min Scan# 210  
 Delta R.T. -0.000 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

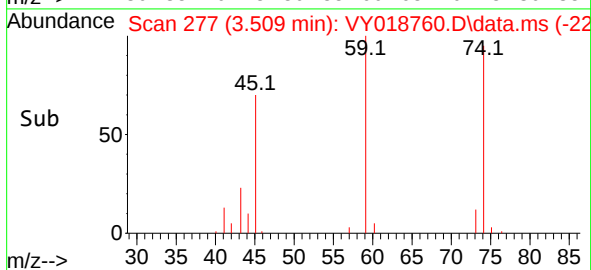
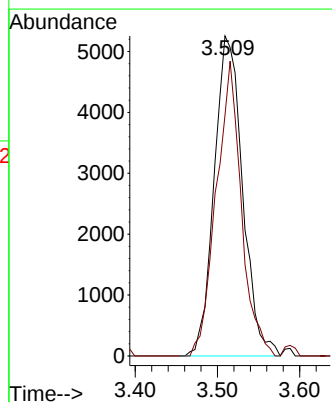
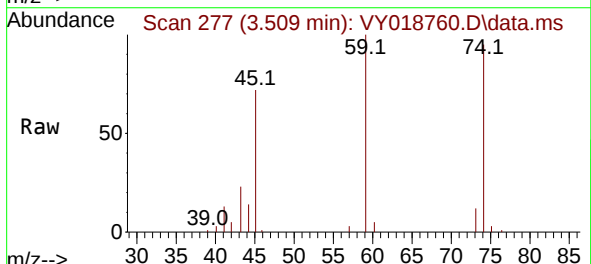
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

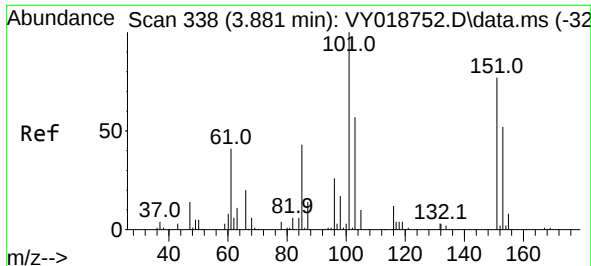
Tgt Ion:101 Resp: 48193  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 24.228 ug/l  
 RT: 3.509 min Scan# 277  
 Delta R.T. -0.006 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

Tgt Ion: 74 Resp: 12618  
 Ion Ratio Lower Upper  
 74 100  
 45 81.6 41.3 124.1

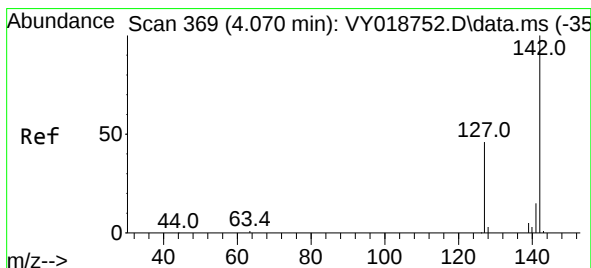
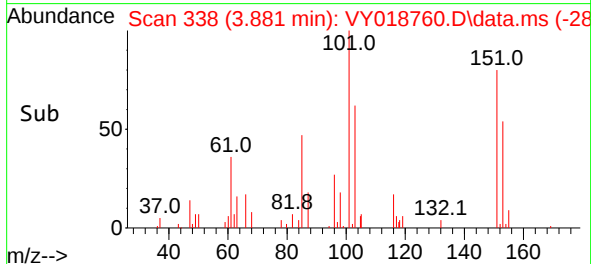
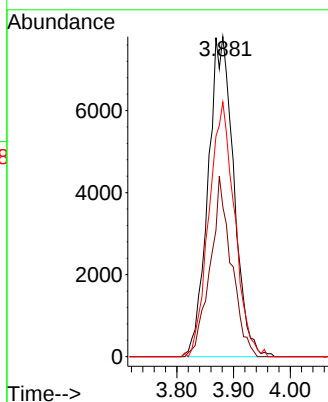
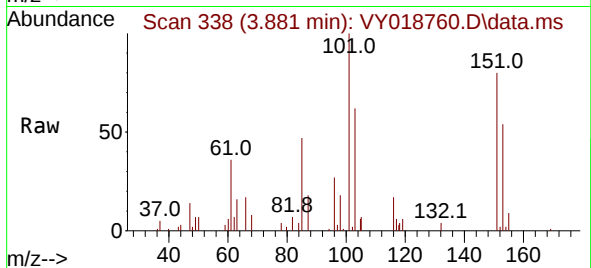




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 22.422 ug/l  
 RT: 3.881 min Scan# 338  
 Delta R.T. -0.000 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

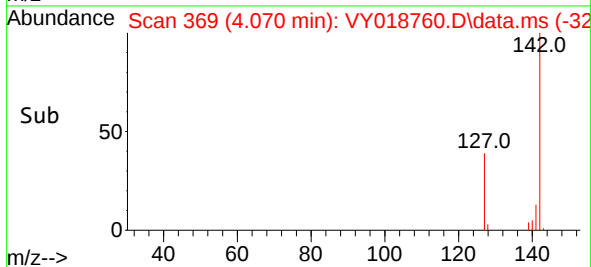
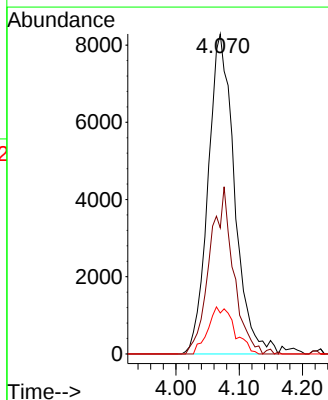
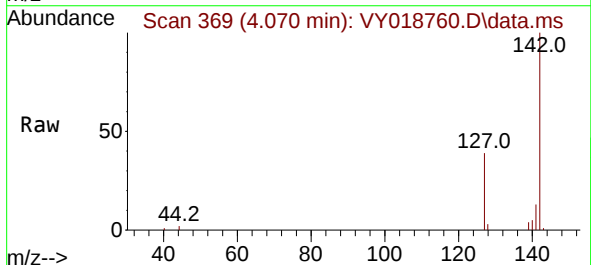
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

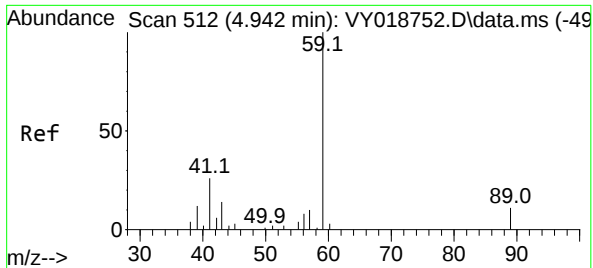
Tgt Ion:101 Resp: 24582  
 Ion Ratio Lower Upper  
 101 100  
 85 46.5 34.5 51.7  
 151 79.2 61.7 92.5



#10  
 Methyl Iodide  
 Concen: 20.310 ug/l  
 RT: 4.070 min Scan# 369  
 Delta R.T. -0.000 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

Tgt Ion:142 Resp: 23978  
 Ion Ratio Lower Upper  
 142 100  
 127 47.0 32.8 49.2  
 141 14.8 11.4 17.2

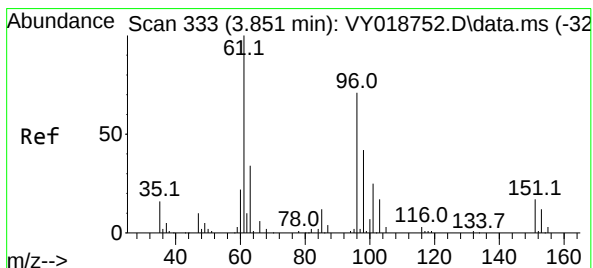
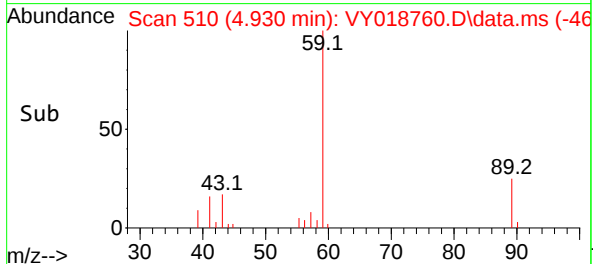
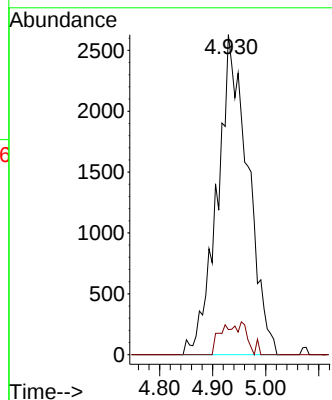
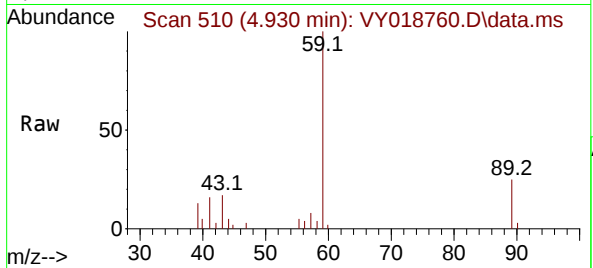




#11  
Tert butyl alcohol  
Concen: 96.263 ug/l  
RT: 4.930 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

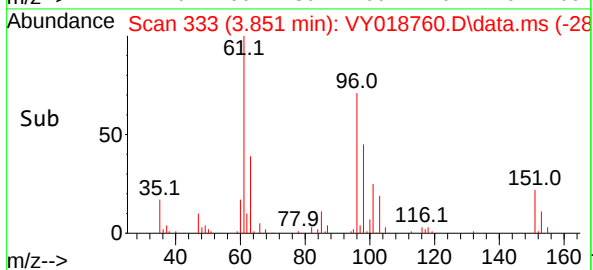
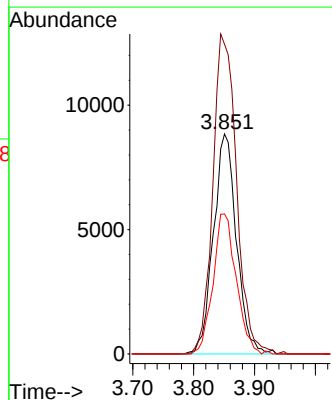
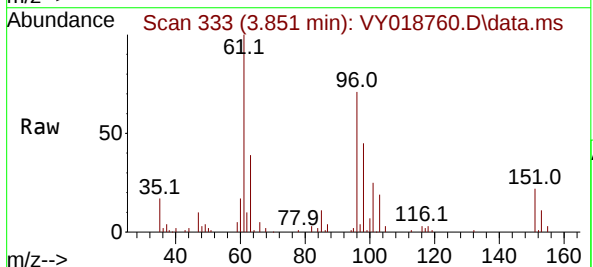
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 59 Resp: 10534  
Ion Ratio Lower Upper  
59 100  
57 4.1 3.0 4.6



#12  
1,1-Dichloroethene  
Concen: 21.942 ug/l  
RT: 3.851 min Scan# 333  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

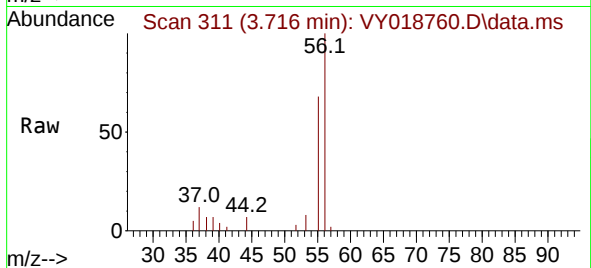
Tgt Ion: 96 Resp: 23272  
Ion Ratio Lower Upper  
96 100  
61 140.8 114.6 171.8  
98 63.6 50.8 76.2



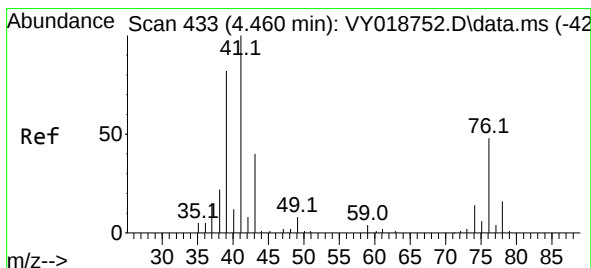
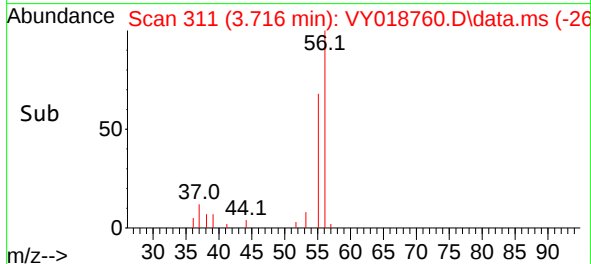
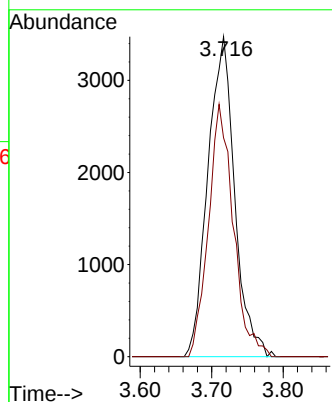


#13  
Acrolein  
Concen: 103.110 ug/l  
RT: 3.716 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

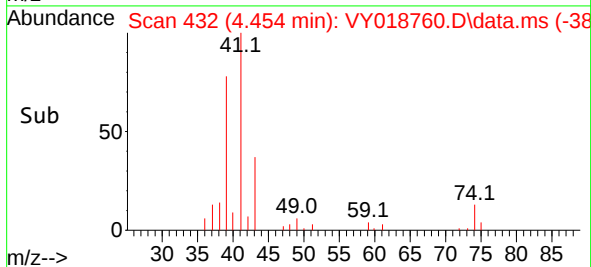
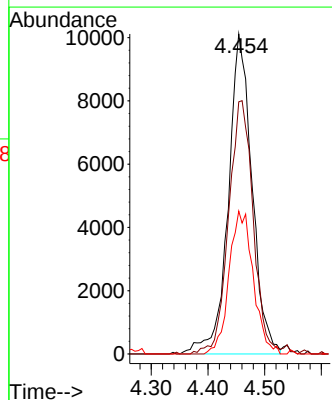
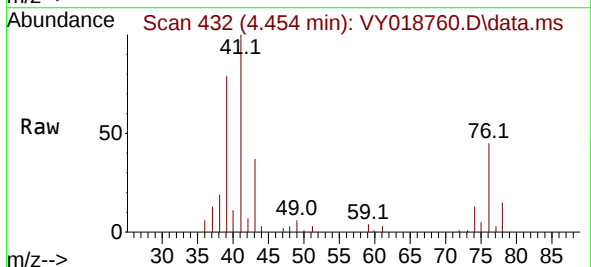


Tgt Ion: 56 Resp: 9040  
Ion Ratio Lower Upper  
56 100  
55 73.4 55.7 83.5



#14  
Allyl chloride  
Concen: 22.385 ug/l  
RT: 4.454 min Scan# 432  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 41 Resp: 29413  
Ion Ratio Lower Upper  
41 100  
39 81.7 58.3 87.5  
76 45.4 39.0 58.6

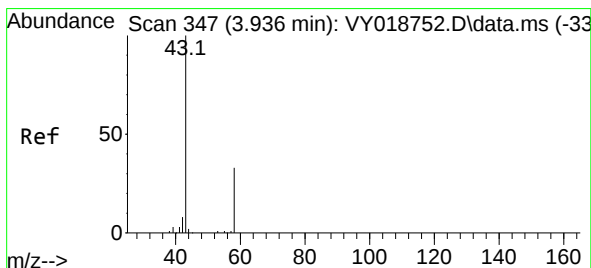
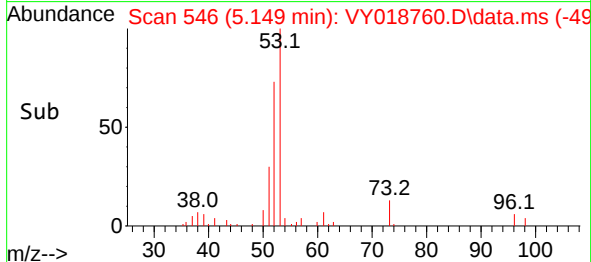
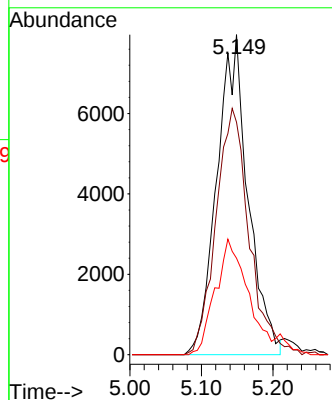
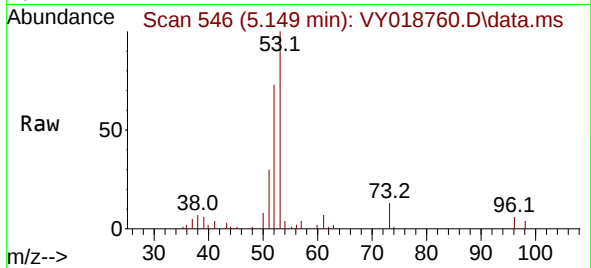




#15  
Acrylonitrile  
Concen: 117.042 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

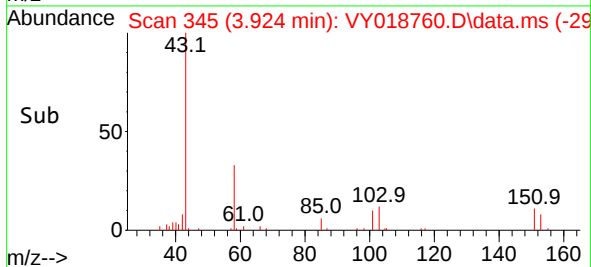
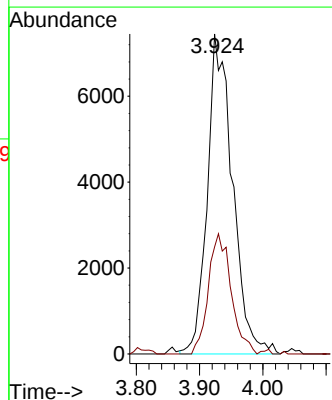
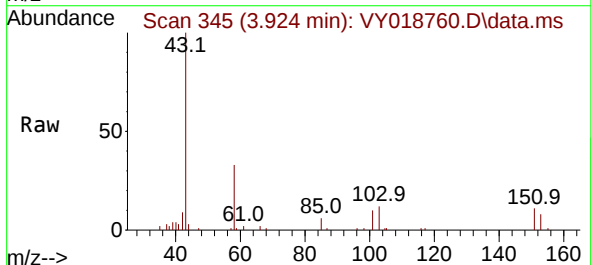
Instrument :  
MSVOA\_Y  
ClientSampleId :

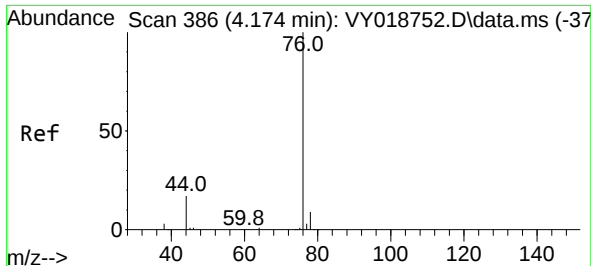
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 24047 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.0  | 64.7  | 97.1  |
| 51       | 37.6  | 28.4  | 42.6  |



#16  
Acetone  
Concen: 103.391 ug/l  
RT: 3.924 min Scan# 345  
Delta R.T. -0.012 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 20591 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.5  | 31.7  | 47.5  |

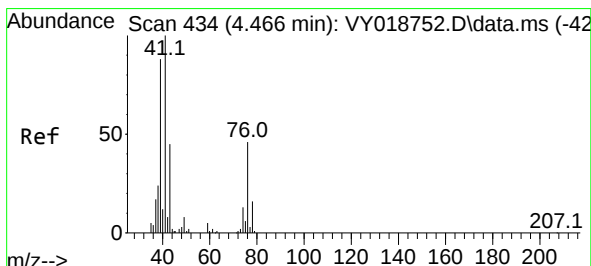
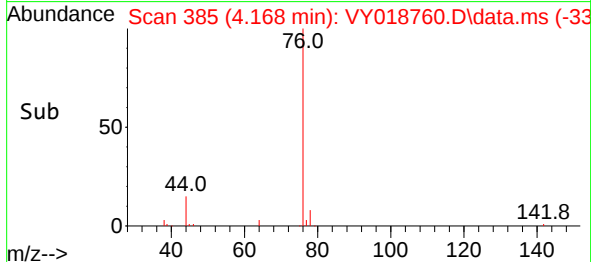
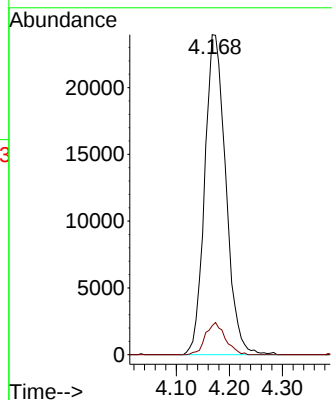
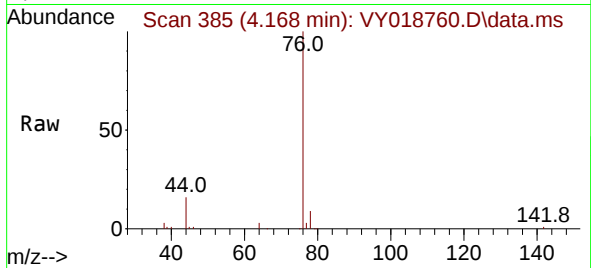




#17  
Carbon Disulfide  
Concen: 22.306 ug/l  
RT: 4.168 min Scan# 385  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

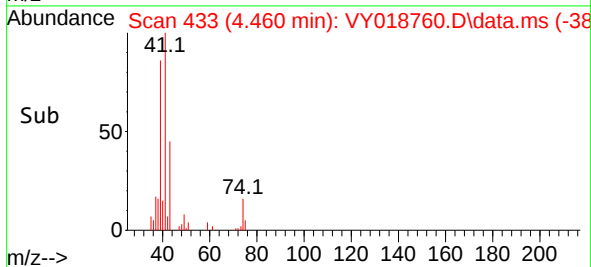
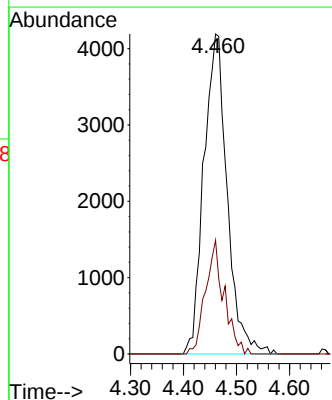
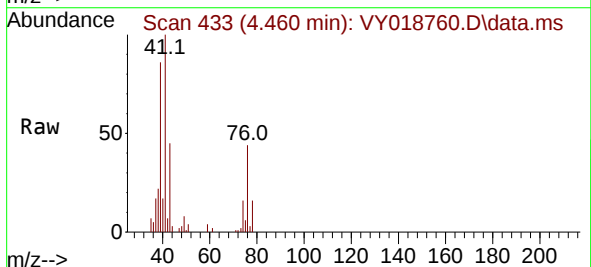
Instrument :  
MSVOA\_Y  
ClientSampleId :

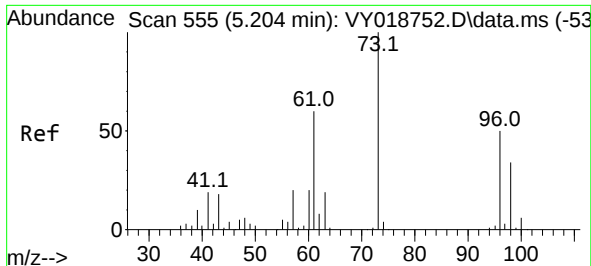
Tgt Ion: 76 Resp: 66245  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.8 10.2



#18  
Methyl Acetate  
Concen: 22.149 ug/l  
RT: 4.460 min Scan# 433  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 43 Resp: 12817  
Ion Ratio Lower Upper  
43 100  
74 28.3 23.3 34.9

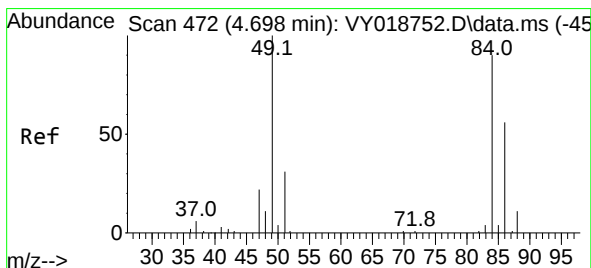
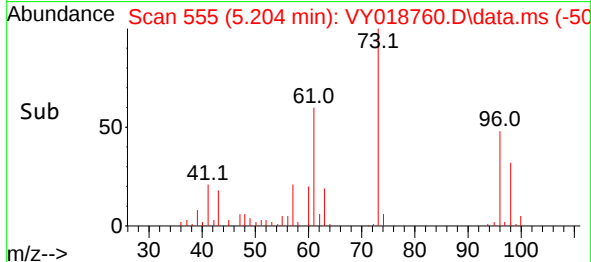
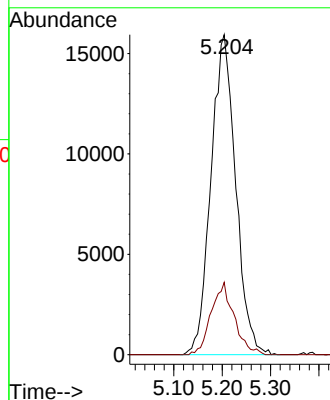
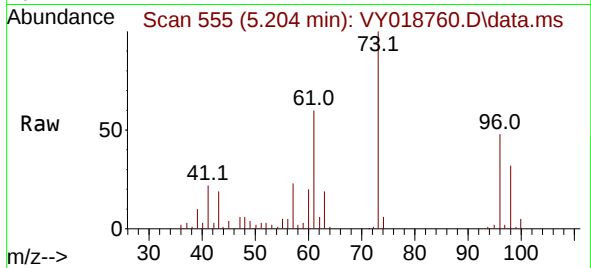




#19  
Methyl tert-butyl Ether  
Concen: 23.005 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

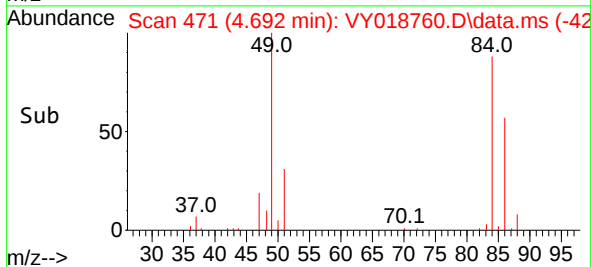
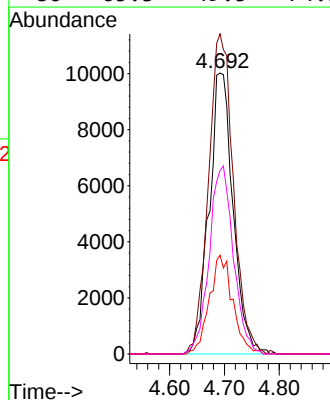
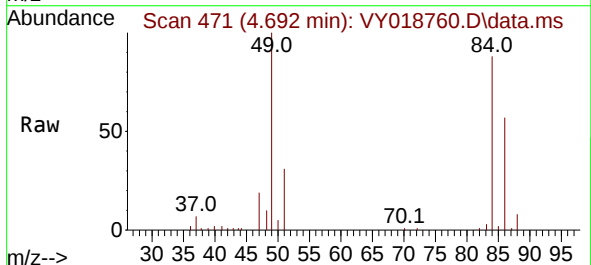
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 73 Resp: 56601  
Ion Ratio Lower Upper  
73 100  
57 22.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 24.418 ug/l  
RT: 4.692 min Scan# 471  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 84 Resp: 30405  
Ion Ratio Lower Upper  
84 100  
49 113.9 84.4 126.6  
51 35.1 26.0 39.0  
86 65.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 22.645 ug/l

RT: 5.192 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

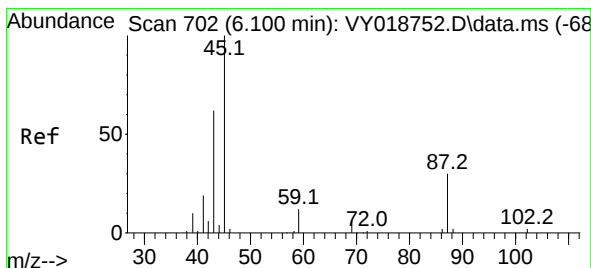
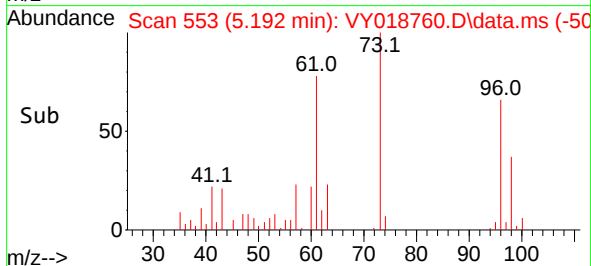
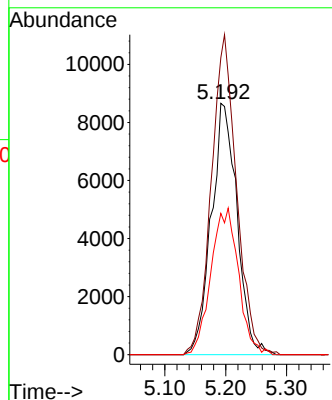
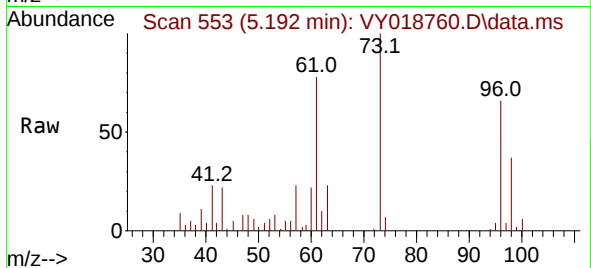
Tgt Ion: 96 Resp: 25349

Ion Ratio Lower Upper

96 100

61 118.2 97.5 146.3

98 56.2 50.5 75.7



#22

Diisopropyl ether

Concen: 22.734 ug/l

RT: 6.100 min Scan# 702

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Tgt Ion: 45 Resp: 64978

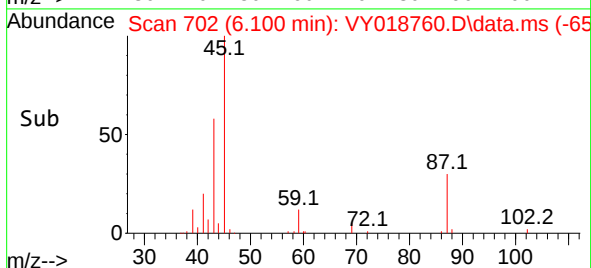
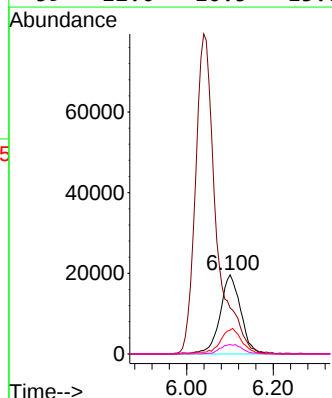
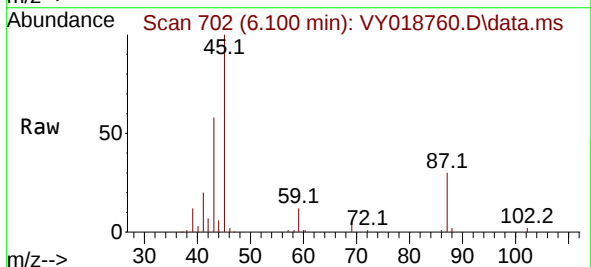
Ion Ratio Lower Upper

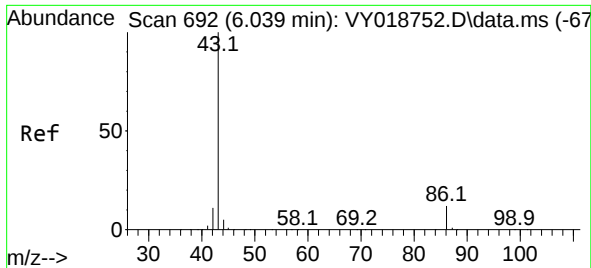
45 100

43 57.0 42.2 63.2

87 30.1 25.0 37.6

59 12.0 10.5 15.7

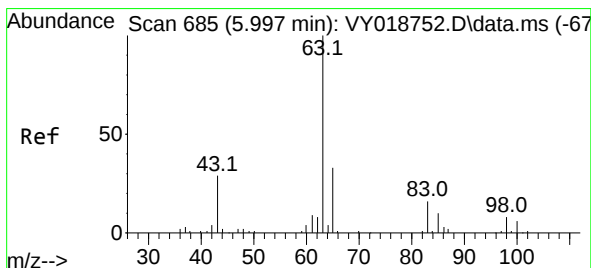
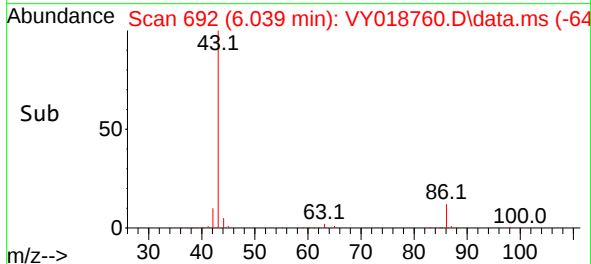
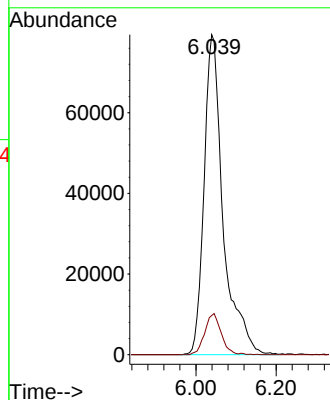
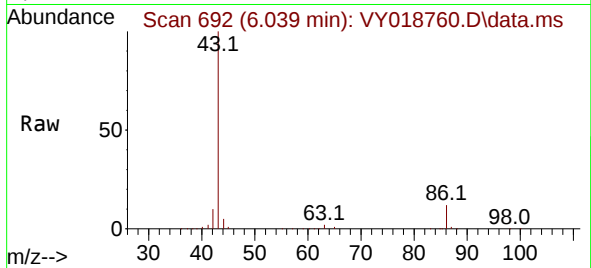




#23  
 Vinyl Acetate  
 Concen: 116.285 ug/l  
 RT: 6.039 min Scan# 692  
 Delta R.T. -0.000 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

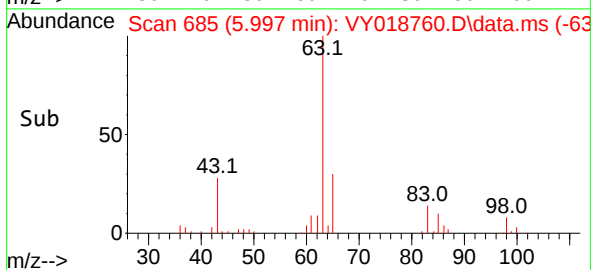
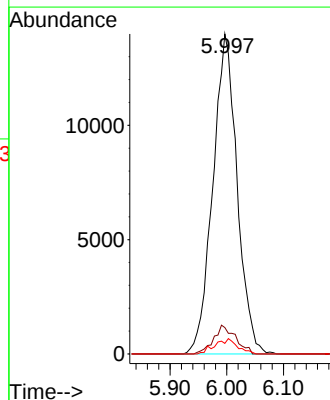
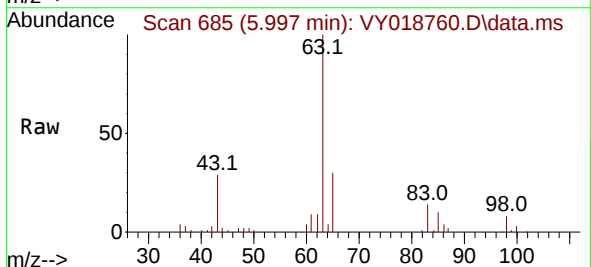
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

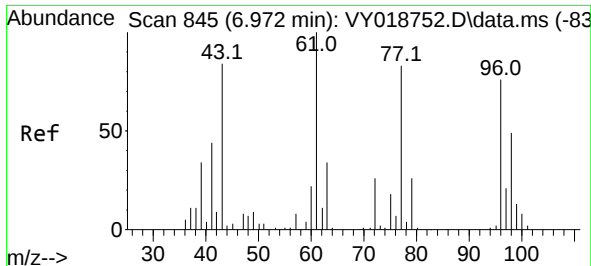
Tgt Ion: 43 Resp: 261843  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 22.803 ug/l  
 RT: 5.997 min Scan# 685  
 Delta R.T. -0.000 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

Tgt Ion: 63 Resp: 41612  
 Ion Ratio Lower Upper  
 63 100  
 98 8.3 4.0 12.2  
 100 3.3 2.6 8.0





#25

2-Butanone

Concen: 112.709 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

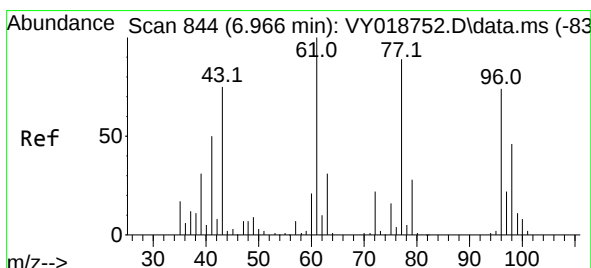
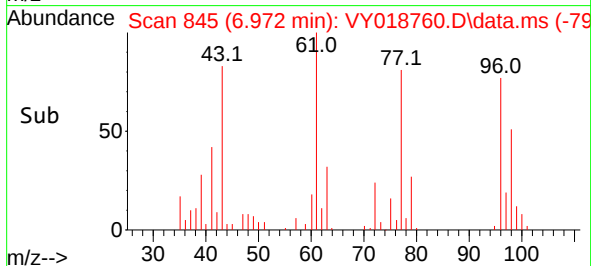
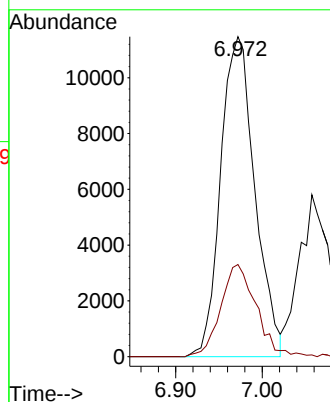
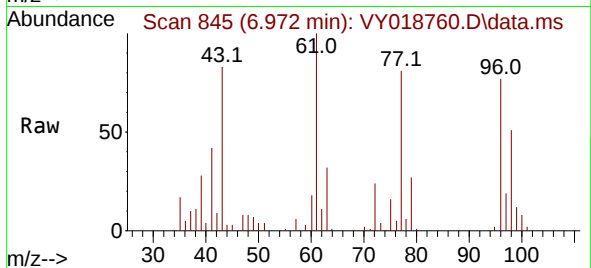
ClientSampleId :

Tgt Ion: 43 Resp: 31464

Ion Ratio Lower Upper

43 100

72 28.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.421 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY018760.D

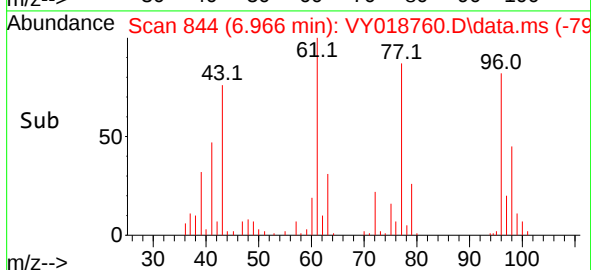
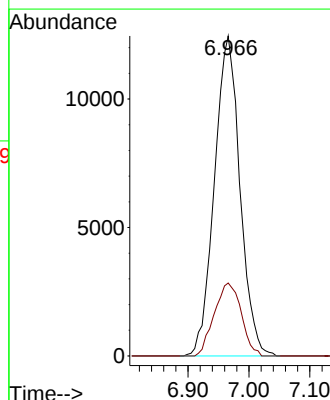
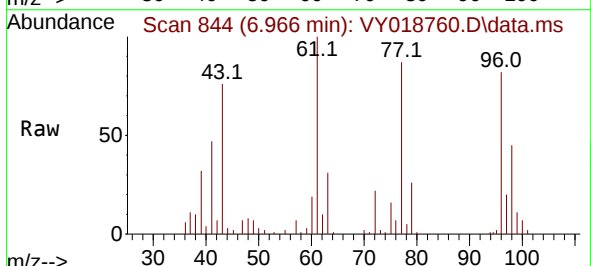
Acq: 10 Jul 2024 11:39

Tgt Ion: 77 Resp: 36271

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1

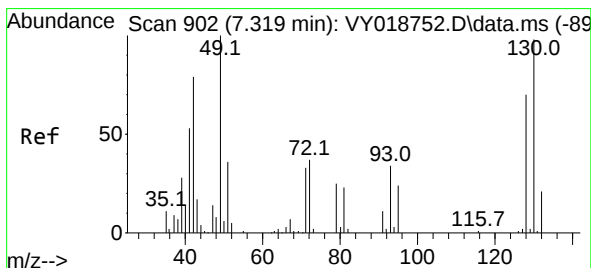
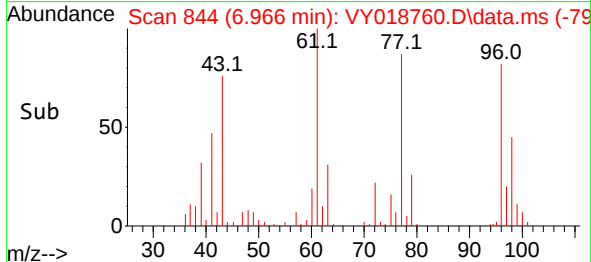
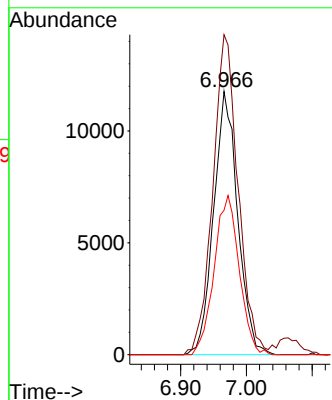
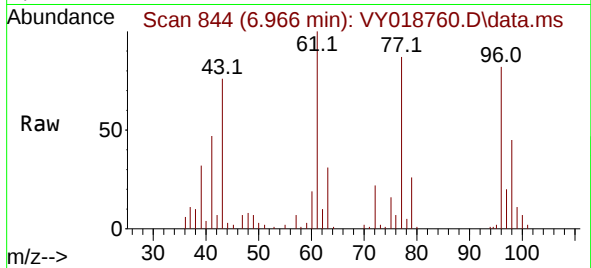




#27  
cis-1,2-Dichloroethene  
Concen: 23.031 ug/l  
RT: 6.966 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

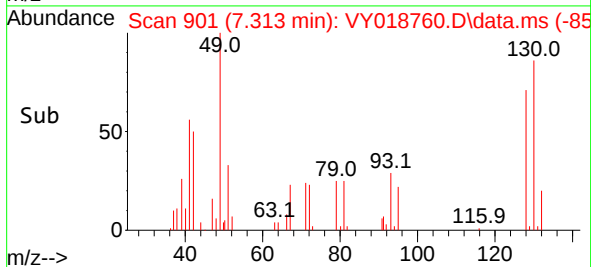
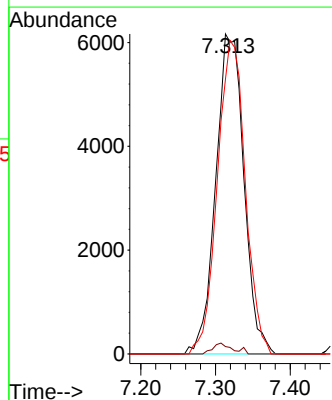
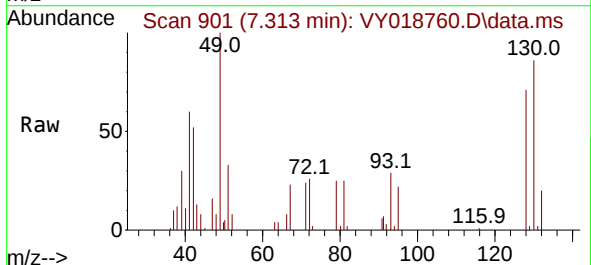
Instrument :  
MSVOA\_Y  
ClientSampleId :

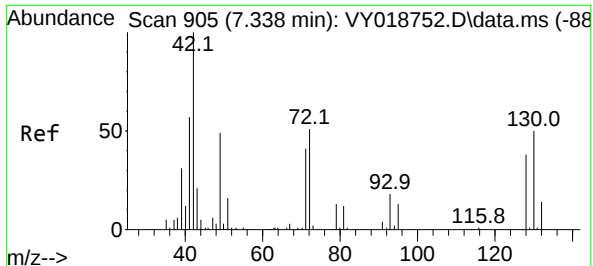
Tgt Ion: 96 Resp: 30016  
Ion Ratio Lower Upper  
96 100  
61 127.1 0.0 256.2  
98 62.8 0.0 130.0



#28  
Bromochloromethane  
Concen: 22.021 ug/l  
RT: 7.313 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 49 Resp: 16140  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.6  
130 97.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 119.157 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

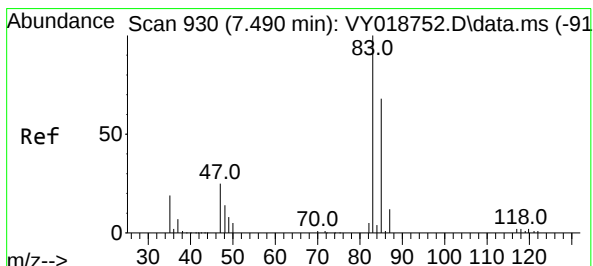
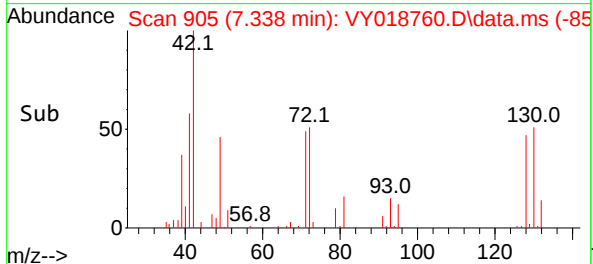
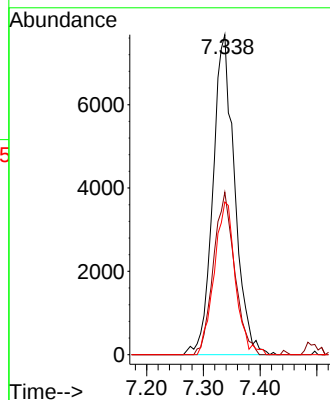
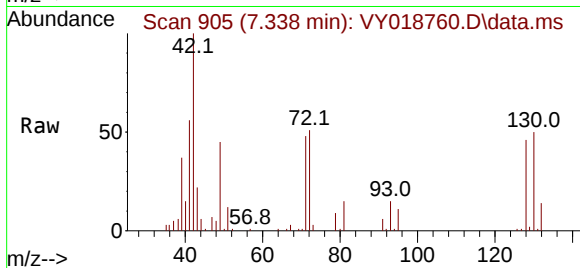
Tgt Ion: 42 Resp: 20393

Ion Ratio Lower Upper

42 100

72 49.7 43.0 64.4

71 46.7 40.8 61.2



#30

Chloroform

Concen: 22.586 ug/l

RT: 7.490 min Scan# 930

Delta R.T. -0.000 min

Lab File: VY018760.D

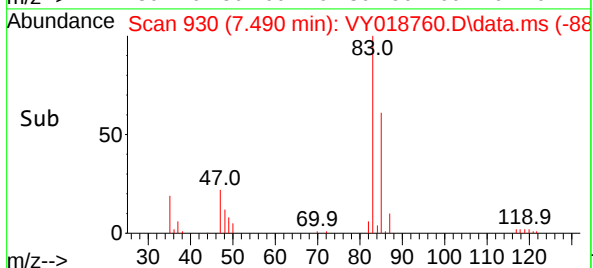
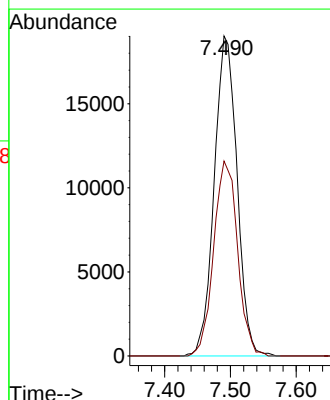
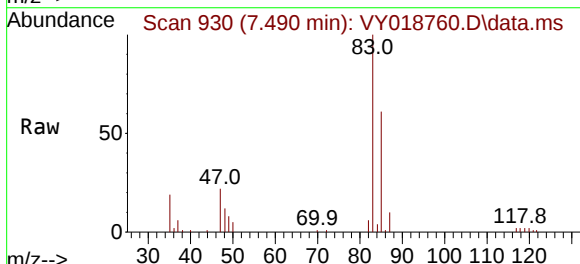
Acq: 10 Jul 2024 11:39

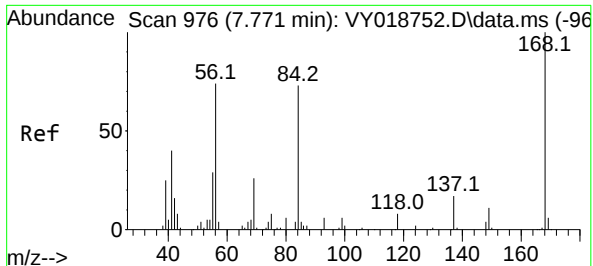
Tgt Ion: 83 Resp: 45936

Ion Ratio Lower Upper

83 100

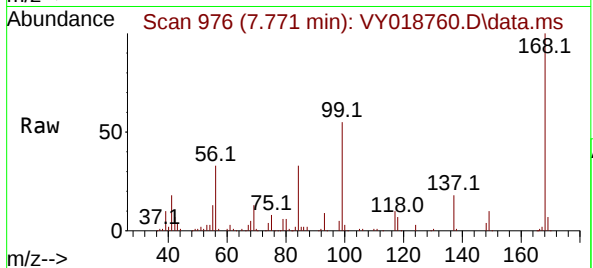
85 60.9 52.2 78.4



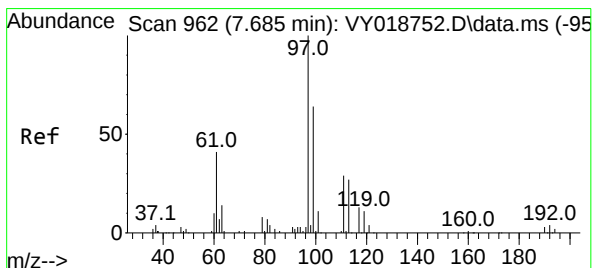
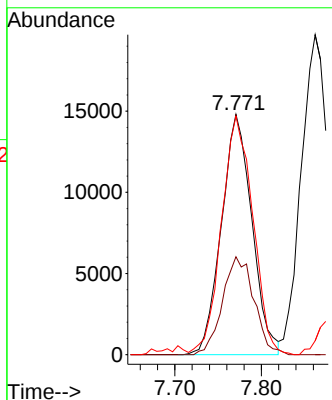
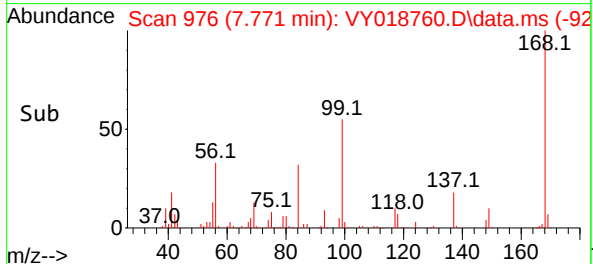


#31  
Cyclohexane  
Concen: 21.870 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

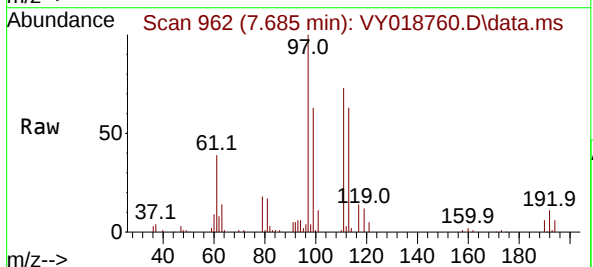
Instrument :  
MSVOA\_Y  
ClientSampleId :



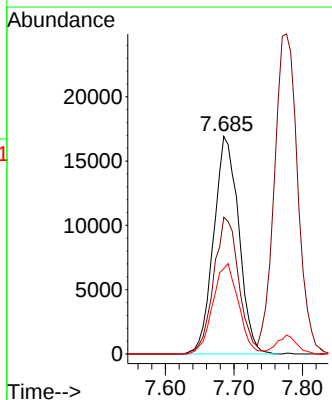
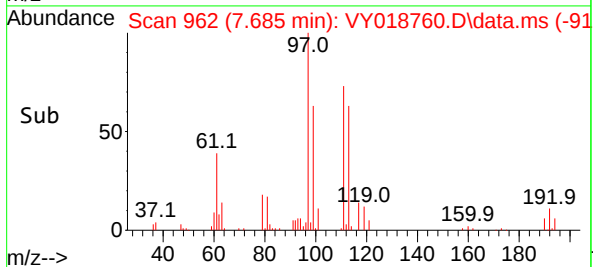
Tgt Ion: 56 Resp: 36296  
Ion Ratio Lower Upper  
56 100  
69 40.7 28.7 43.1  
84 97.2 77.7 116.5

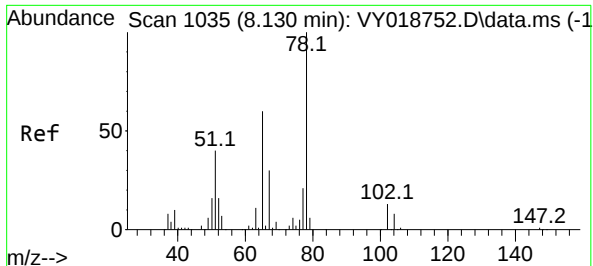


#32  
1,1,1-Trichloroethane  
Concen: 22.728 ug/l  
RT: 7.685 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39



Tgt Ion: 97 Resp: 42983  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.3 75.5  
61 42.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.488 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

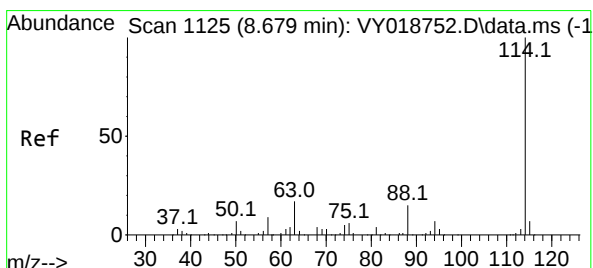
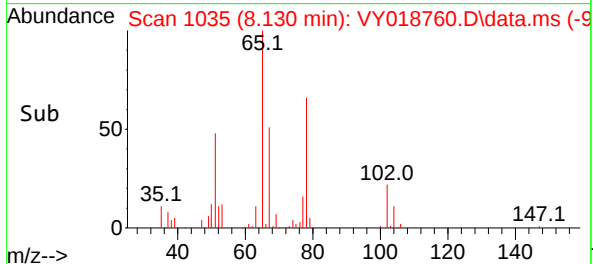
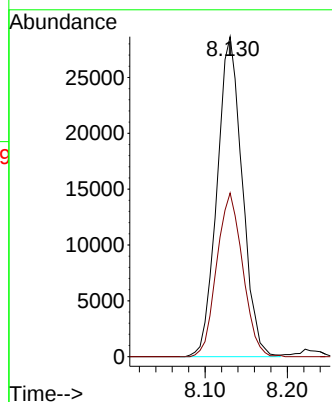
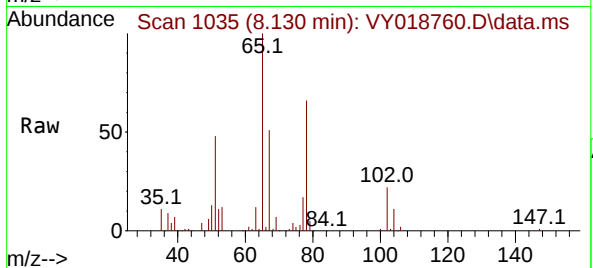
ClientSampleId :

Tgt Ion: 65 Resp: 61021

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

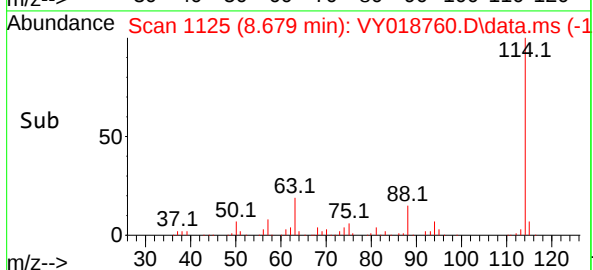
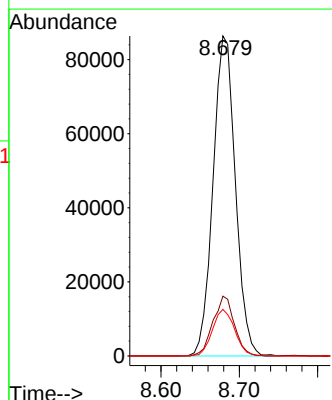
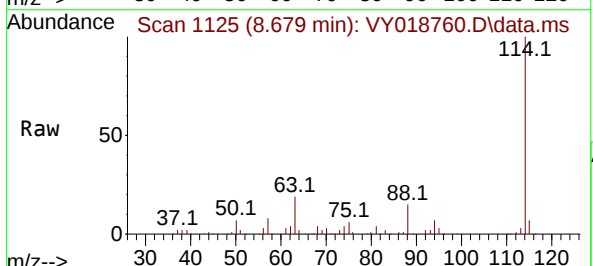
Tgt Ion: 114 Resp: 171134

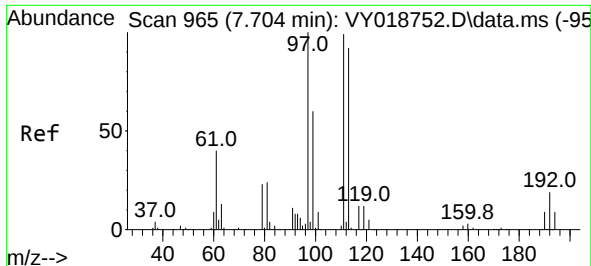
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

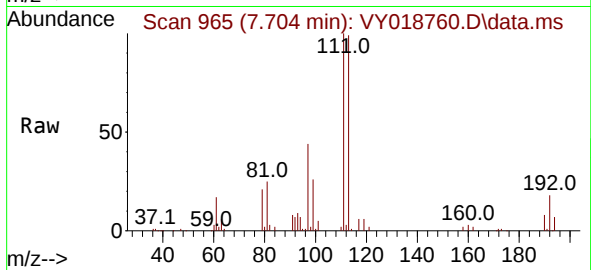
88 14.5 0.0 27.2



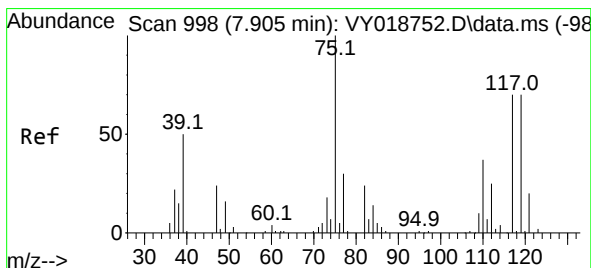
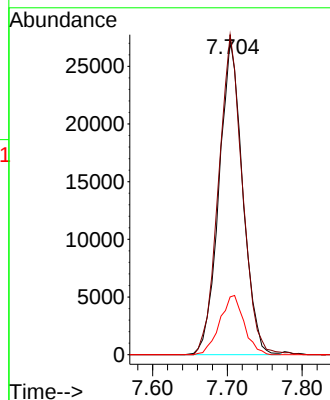
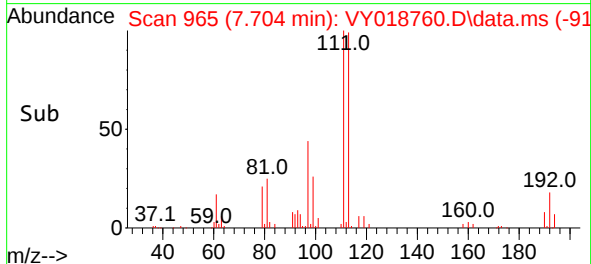


#35  
Dibromofluoromethane  
Concen: 55.875 ug/l  
RT: 7.704 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

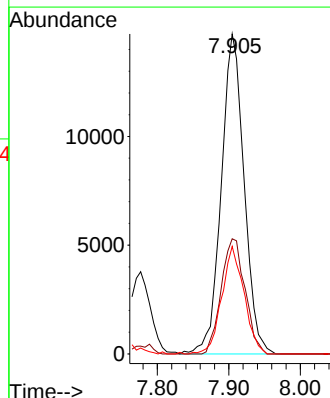
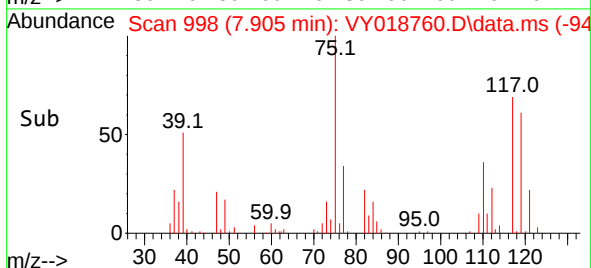
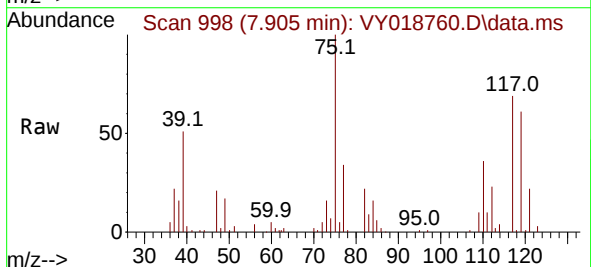


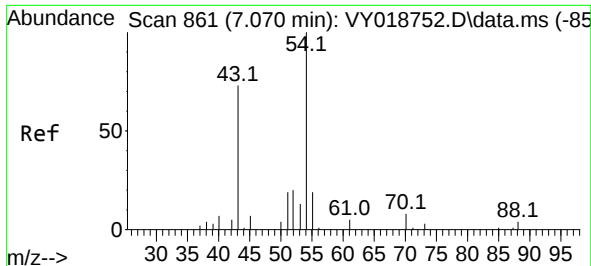
Tgt Ion:113 Resp: 59890  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.2 123.4  
192 19.4 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 22.067 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

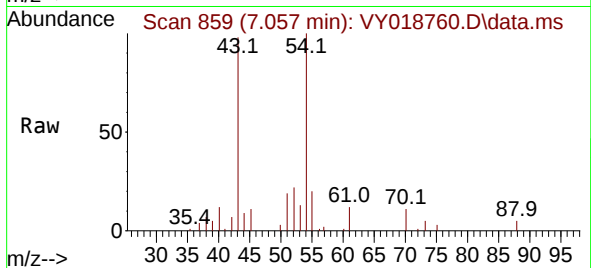
Tgt Ion: 75 Resp: 32641  
Ion Ratio Lower Upper  
75 100  
110 37.5 19.0 57.0  
77 32.8 25.3 37.9



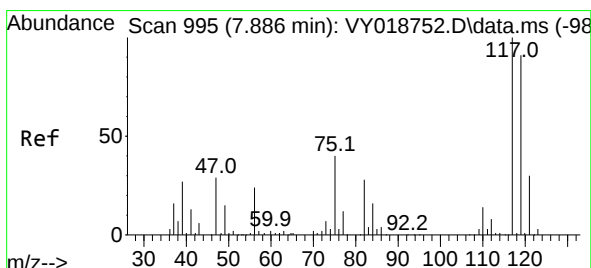
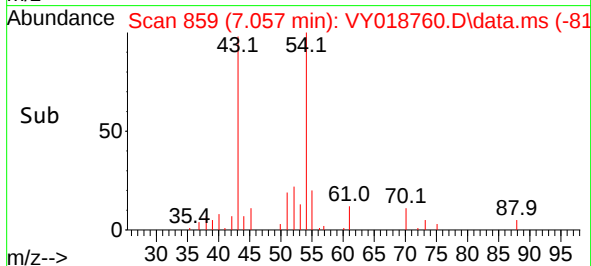
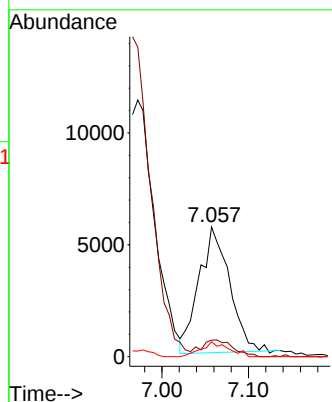


#37  
Ethyl Acetate  
Concen: 22.442 ug/l  
RT: 7.057 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

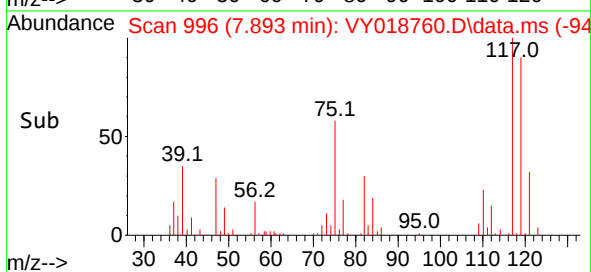
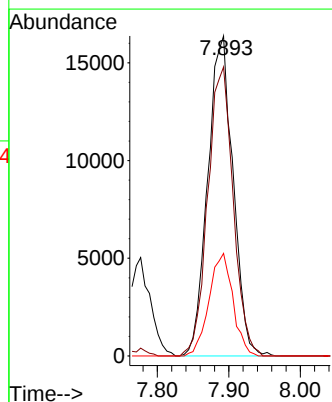
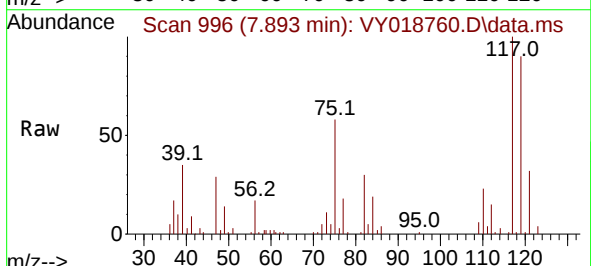


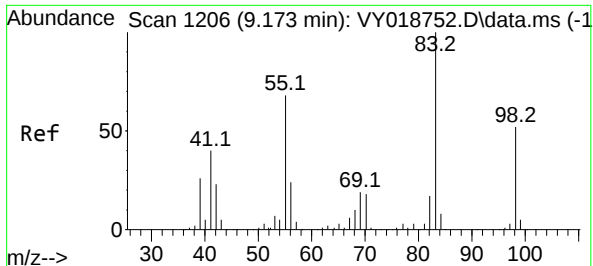
Tgt Ion: 43 Resp: 13798  
Ion Ratio Lower Upper  
43 100  
61 13.8 12.6 19.0  
70 10.4 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 22.642 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 117 Resp: 40338  
Ion Ratio Lower Upper  
117 100  
119 90.3 75.8 113.6  
121 32.1 24.0 36.0





#39

Methylcyclohexane

Concen: 22.633 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

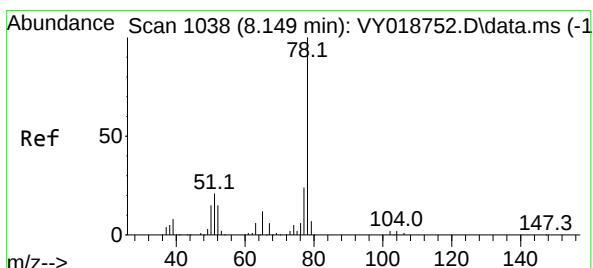
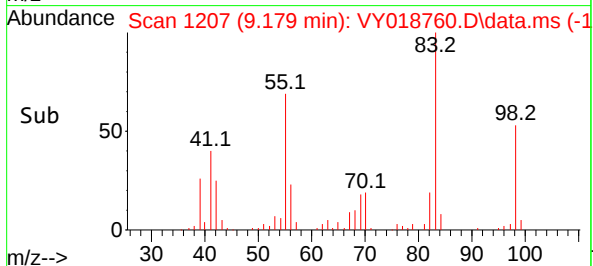
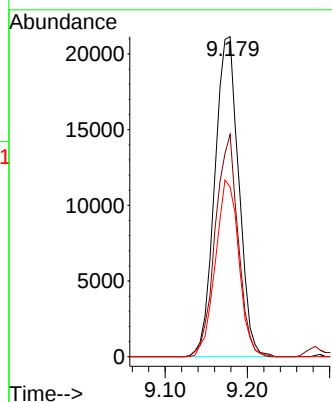
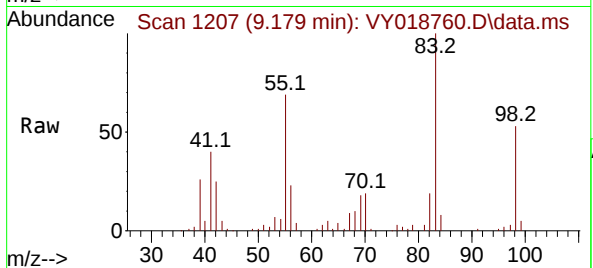
Tgt Ion: 83 Resp: 42903

Ion Ratio Lower Upper

83 100

55 69.5 51.5 77.3

98 53.0 40.5 60.7



#40

Benzene

Concen: 22.492 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018760.D

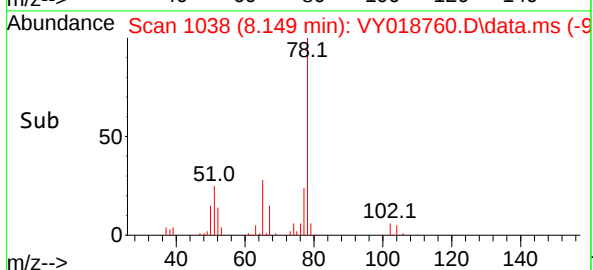
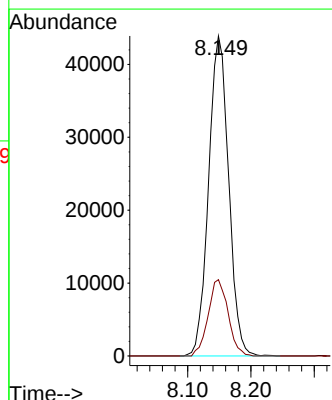
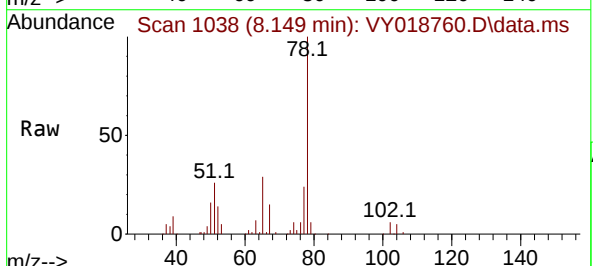
Acq: 10 Jul 2024 11:39

Tgt Ion: 78 Resp: 96514

Ion Ratio Lower Upper

78 100

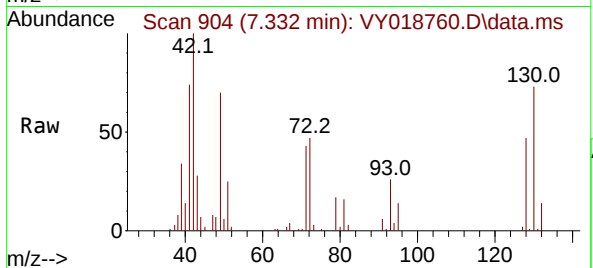
77 23.8 19.5 29.3



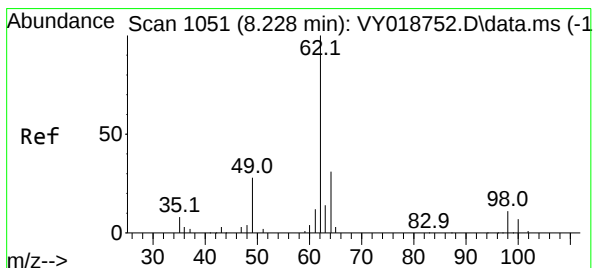
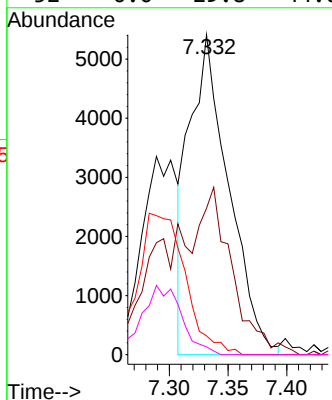
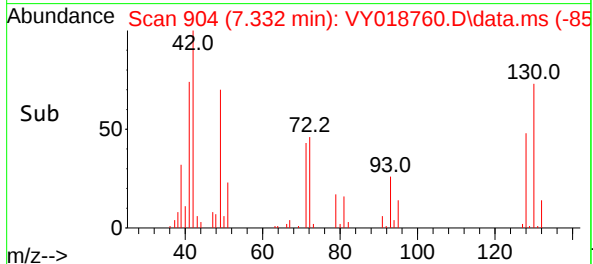


#41  
Methacrylonitrile  
Concen: 36.062 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

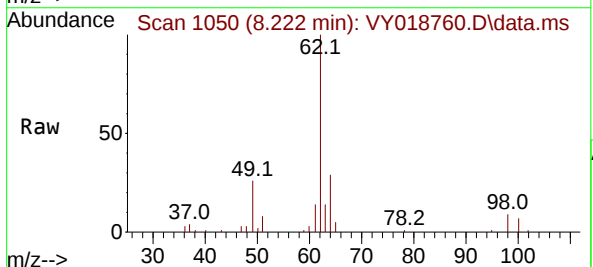
Instrument :  
MSVOA\_Y  
ClientSampleId :



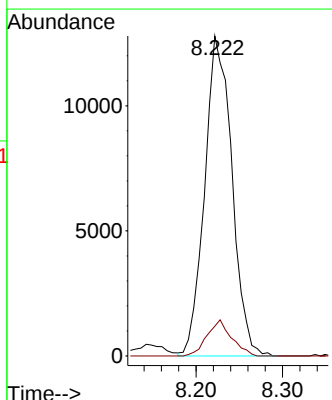
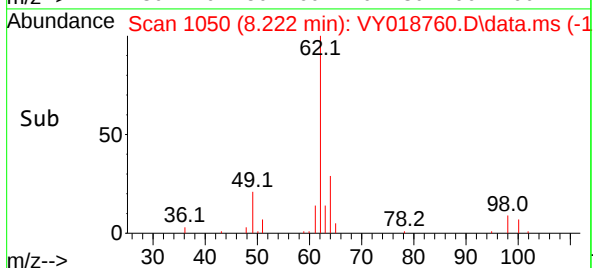
Tgt Ion: 41 Resp: 12641  
Ion Ratio Lower Upper  
41 100  
39 43.4 48.0 72.0#  
67 0.0 75.1 112.7#  
52 0.0 29.8 44.6#

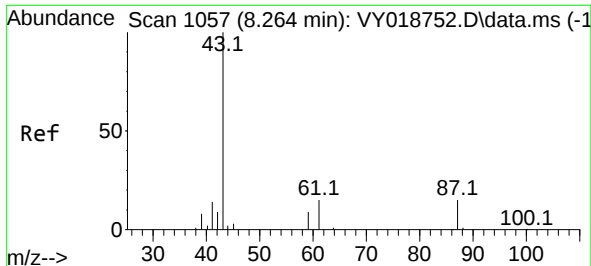


#42  
1,2-Dichloroethane  
Concen: 23.281 ug/l  
RT: 8.222 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39



Tgt Ion: 62 Resp: 27969  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 22.0

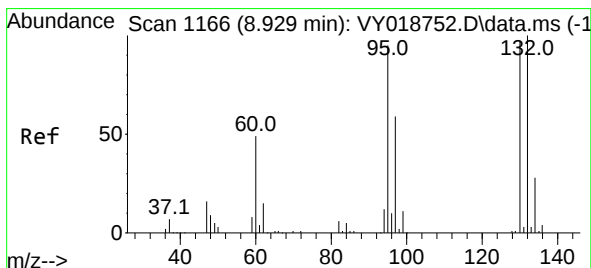
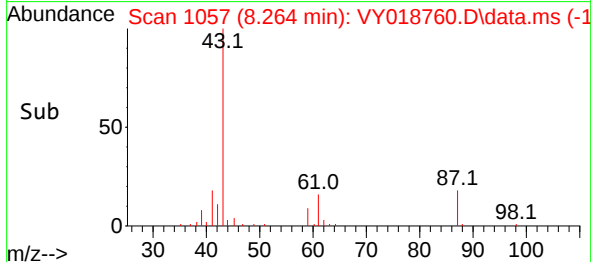
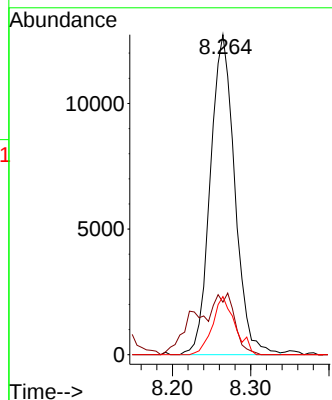
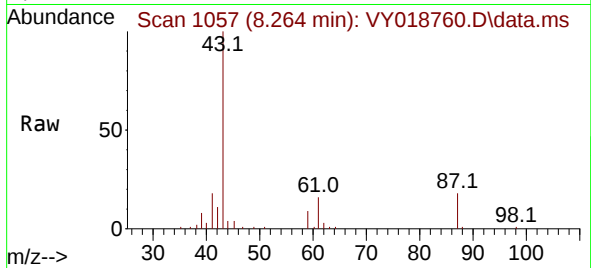




#43  
Isopropyl Acetate  
Concen: 22.556 ug/l  
RT: 8.264 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

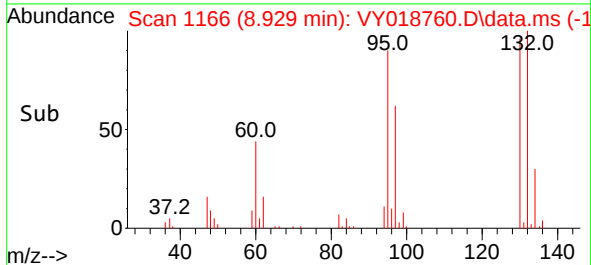
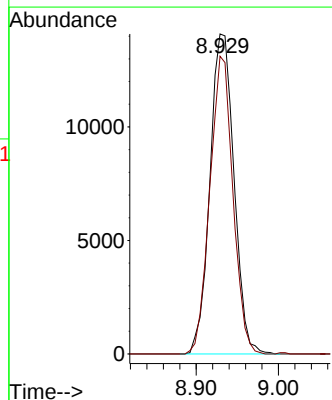
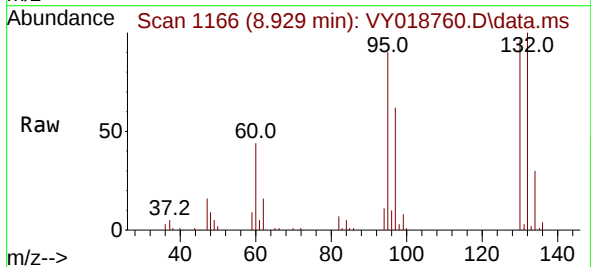
Instrument :  
MSVOA\_Y  
ClientSampleId :

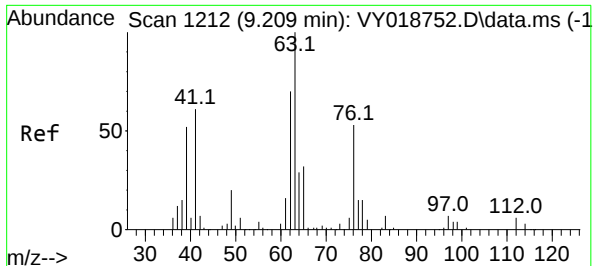
Tgt Ion: 43 Resp: 27595  
Ion Ratio Lower Upper  
43 100  
61 16.6 27.9 41.9#  
87 16.7 13.1 19.7



#44  
Trichloroethene  
Concen: 23.393 ug/l  
RT: 8.929 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion:130 Resp: 28693  
Ion Ratio Lower Upper  
130 100  
95 93.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.565 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

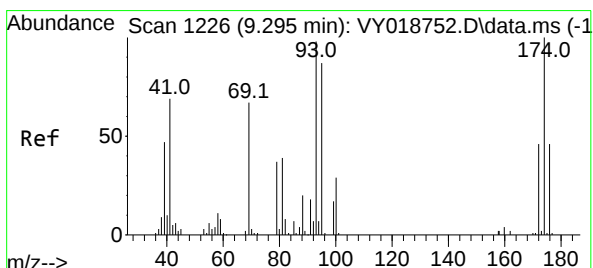
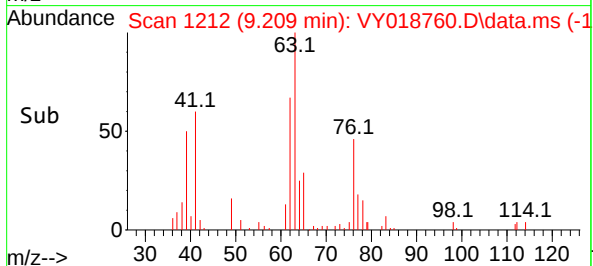
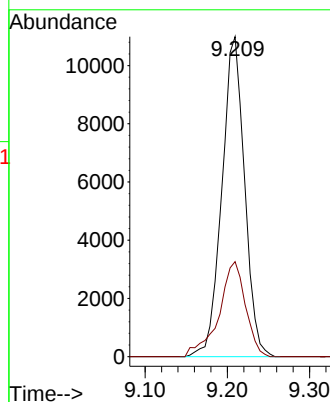
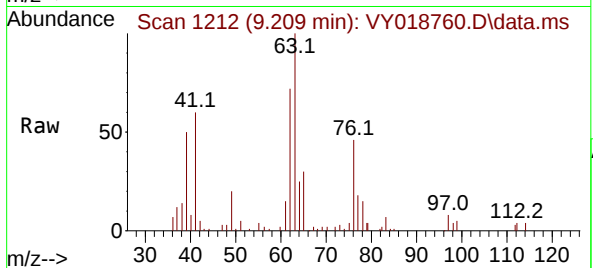
ClientSampleId :

Tgt Ion: 63 Resp: 21085

Ion Ratio Lower Upper

63 100

65 29.7 25.4 38.2



#46

Dibromomethane

Concen: 23.807 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

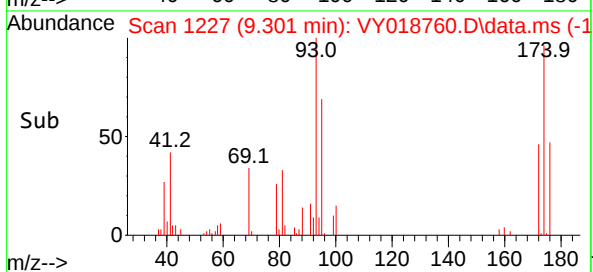
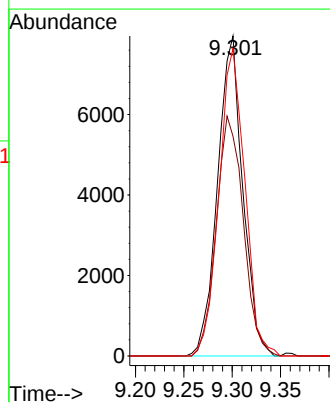
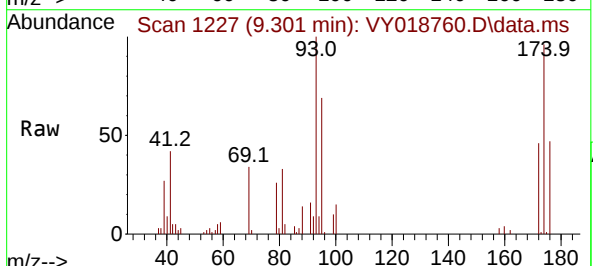
Tgt Ion: 93 Resp: 14419

Ion Ratio Lower Upper

93 100

95 80.2 66.2 99.4

174 98.2 80.9 121.3





#47

Bromodichloromethane

Concen: 22.864 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY018760.D

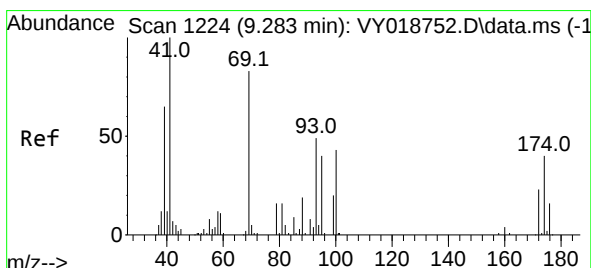
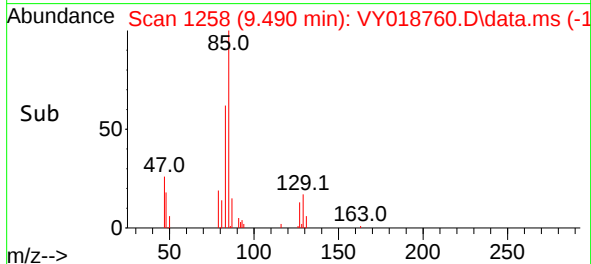
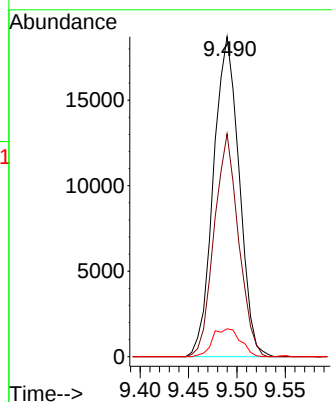
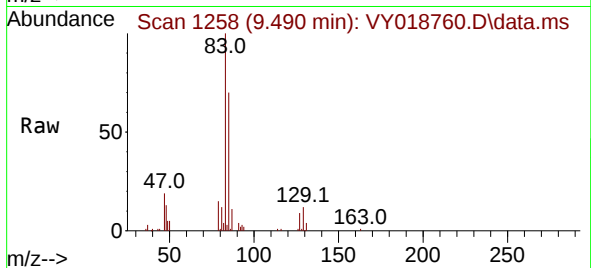
Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 34595    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 69.6 50.1 75.1 |
| 127         | 8.7 7.4 11.0   |



#48

Methyl methacrylate

Concen: 23.858 ug/l

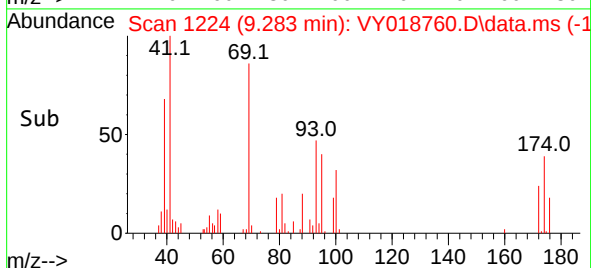
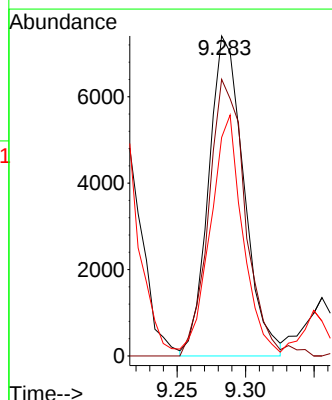
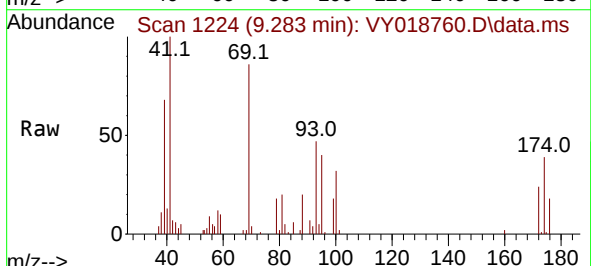
RT: 9.283 min Scan# 1224

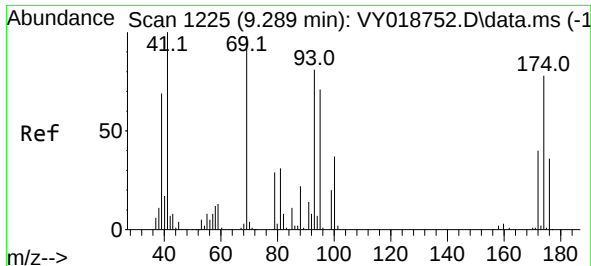
Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 13267     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 69          | 90.3 84.1 126.1 |
| 39          | 66.5 43.6 65.4  |





#49

1,4-Dioxane

Concen: 468.885 ug/l

RT: 9.283 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

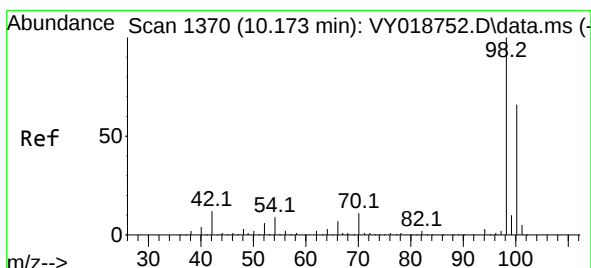
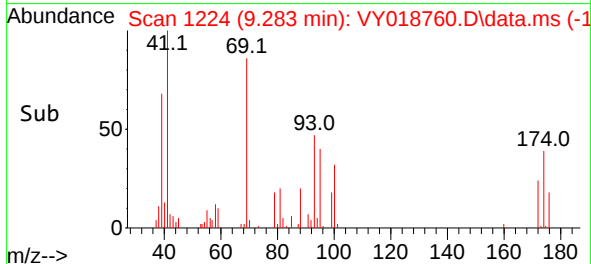
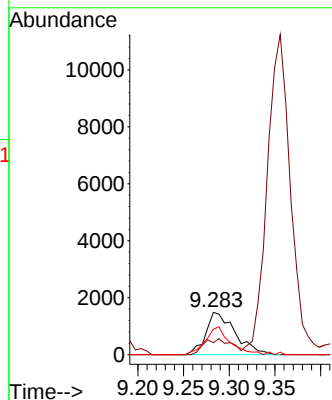
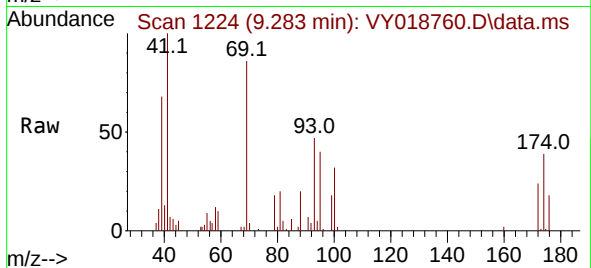
Tgt Ion: 88 Resp: 3329

Ion Ratio Lower Upper

88 100

43 35.5 0.0 0.0#

58 54.6 49.3 73.9



#50

Toluene-d8

Concen: 55.500 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018760.D

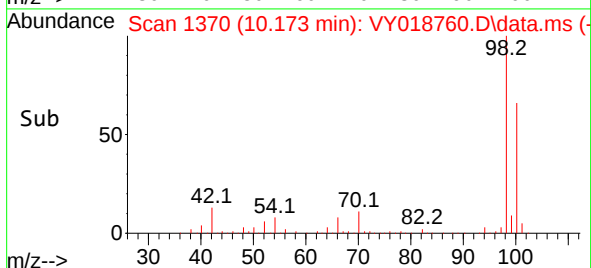
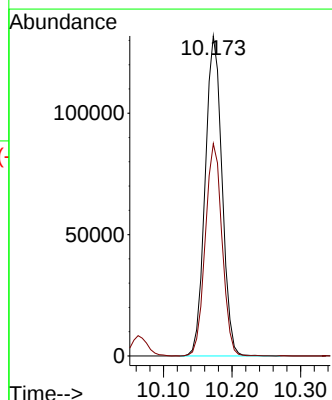
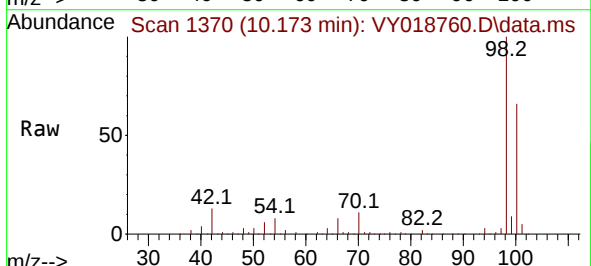
Acq: 10 Jul 2024 11:39

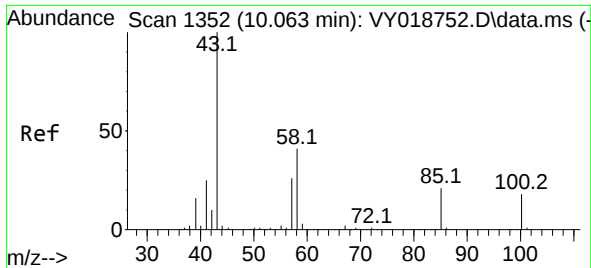
Tgt Ion: 98 Resp: 225376

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0

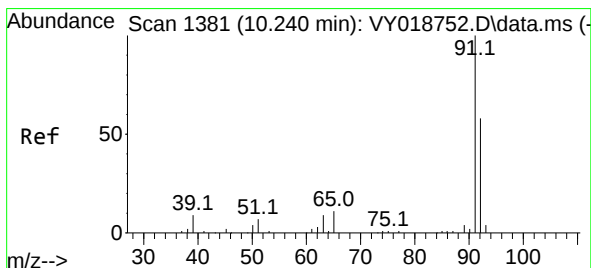
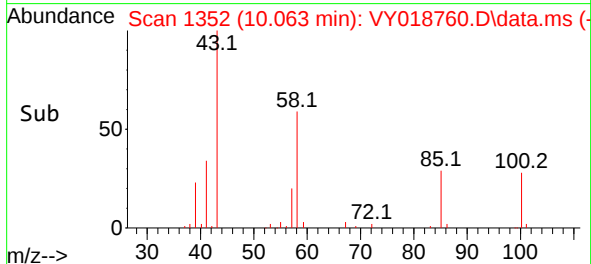
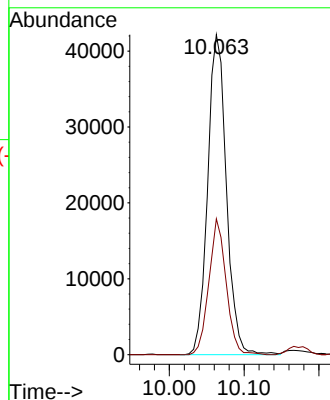
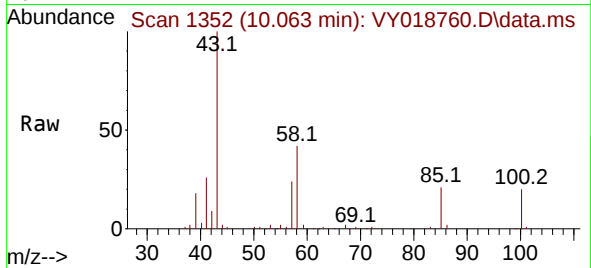




#51  
4-Methyl-2-Pentanone  
Concen: 117.536 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

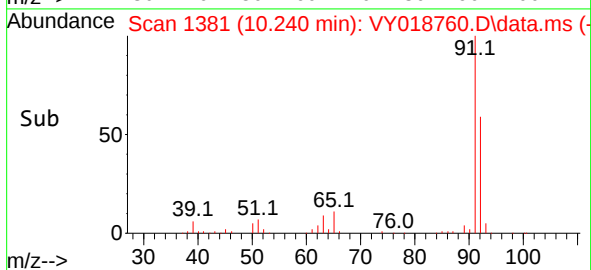
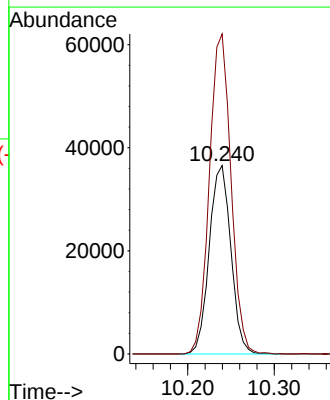
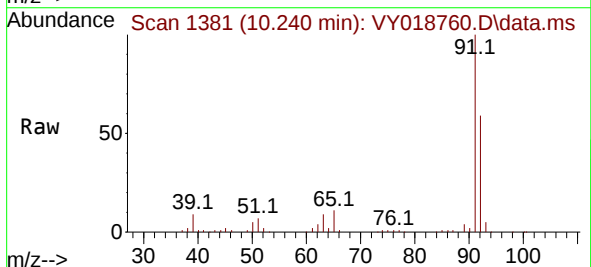
Instrument :  
MSVOA\_Y  
ClientSampleId :

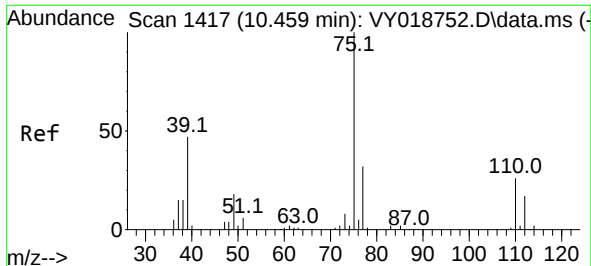
Tgt Ion: 43 Resp: 73416  
Ion Ratio Lower Upper  
43 100  
58 39.2 35.7 53.5



#52  
Toluene  
Concen: 22.201 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 92 Resp: 63317  
Ion Ratio Lower Upper  
92 100  
91 169.8 139.0 208.6

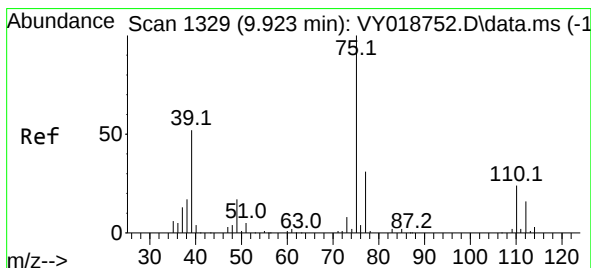
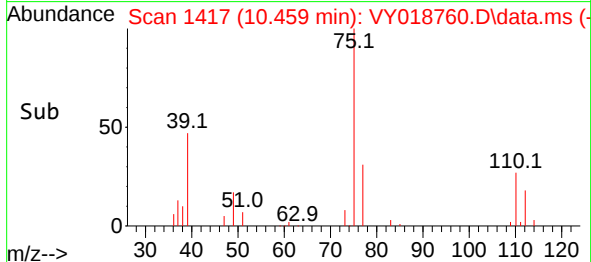
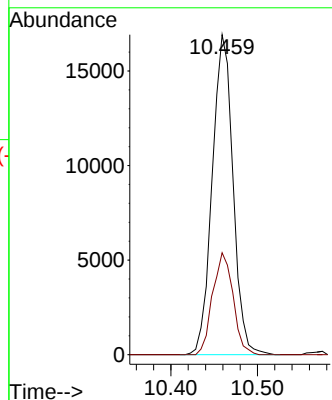
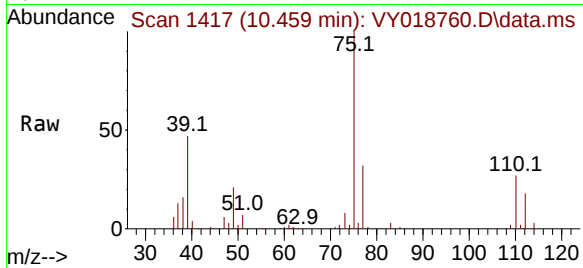




#53  
t-1,3-Dichloropropene  
Concen: 21.594 ug/l  
RT: 10.459 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

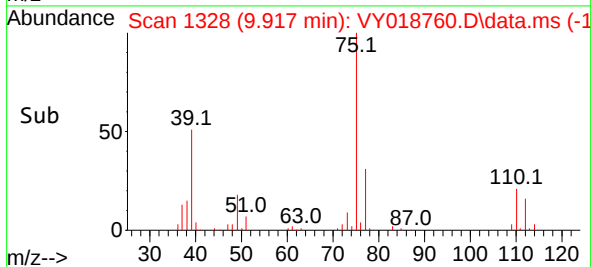
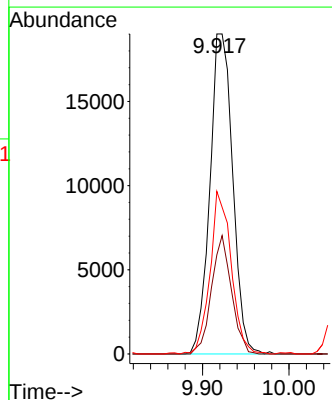
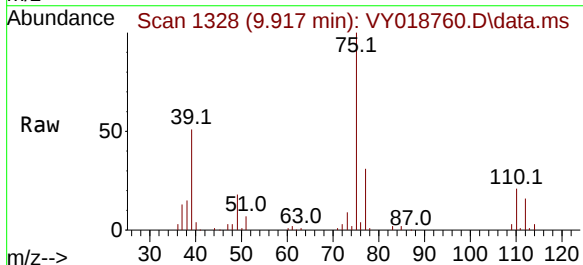
Instrument :  
MSVOA\_Y  
ClientSampleId :

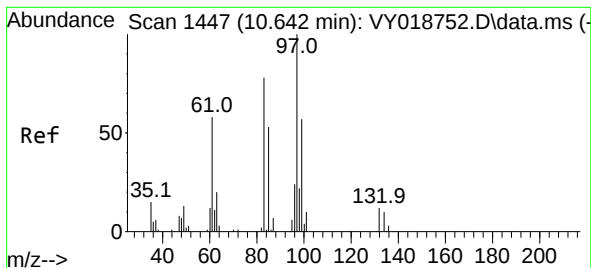
Tgt Ion: 75 Resp: 28210  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 22.722 ug/l  
RT: 9.917 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 75 Resp: 34824  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.4 38.0  
39 50.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 22.547 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 17293

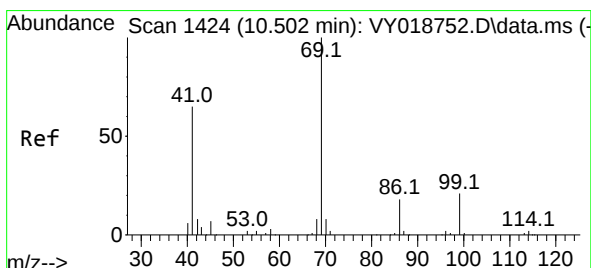
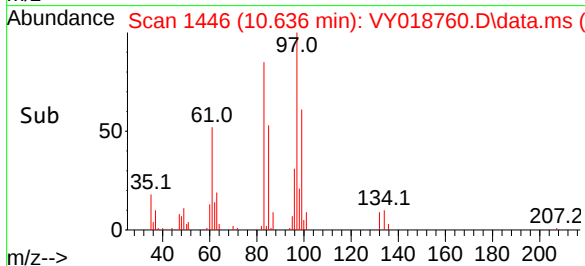
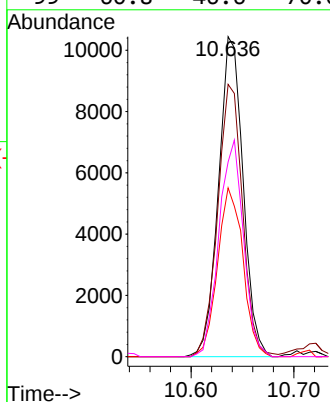
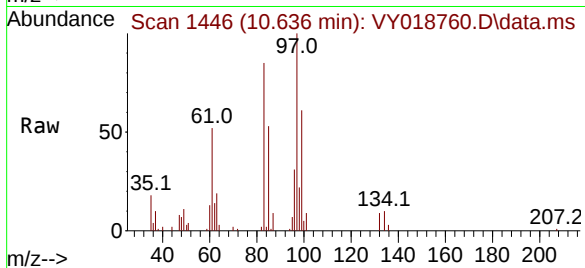
Ion Ratio Lower Upper

97 100

83 85.1 67.5 101.3

85 52.8 42.9 64.3

99 60.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 24.119 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

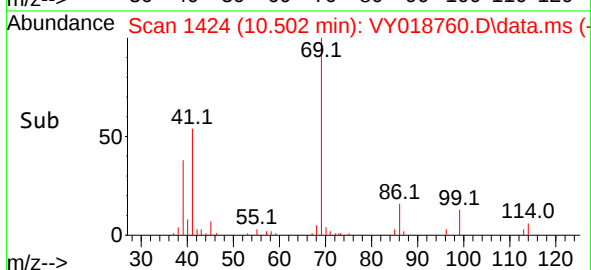
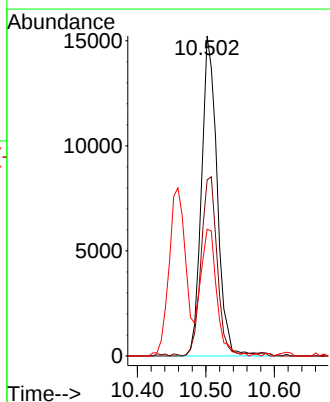
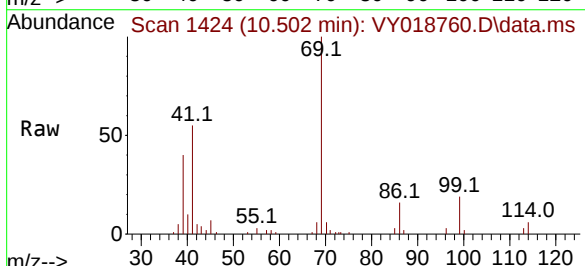
Tgt Ion: 69 Resp: 24354

Ion Ratio Lower Upper

69 100

41 57.5 42.3 63.5

39 40.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 23.833 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

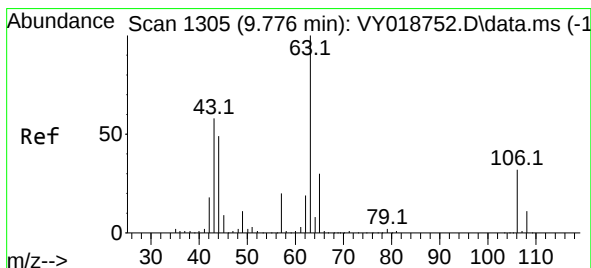
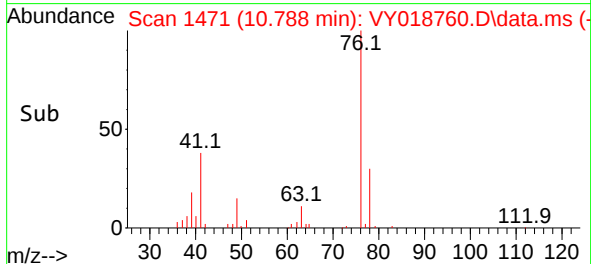
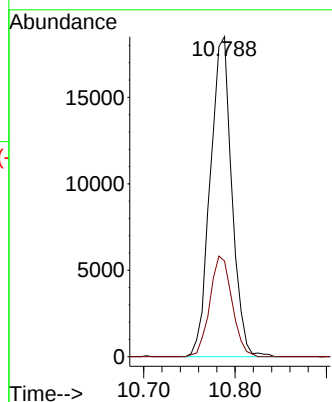
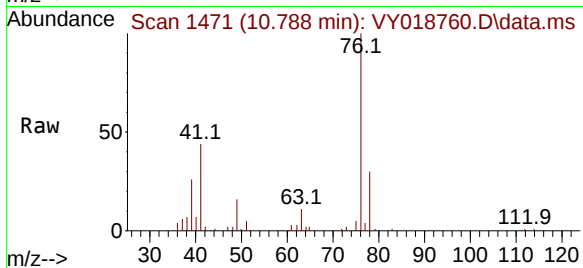
ClientSampleId :

Tgt Ion: 76 Resp: 30302

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.895 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018760.D

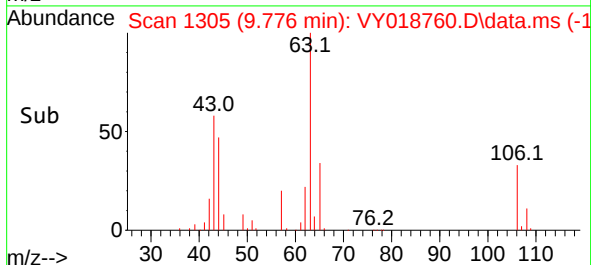
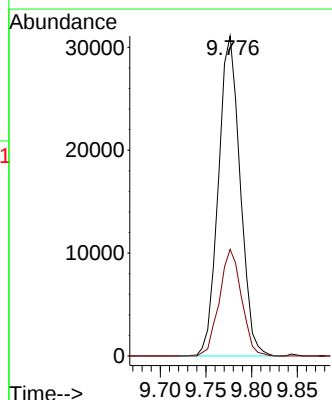
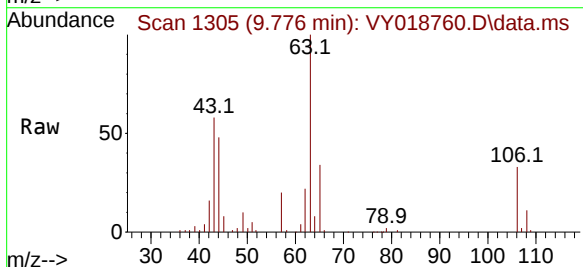
Acq: 10 Jul 2024 11:39

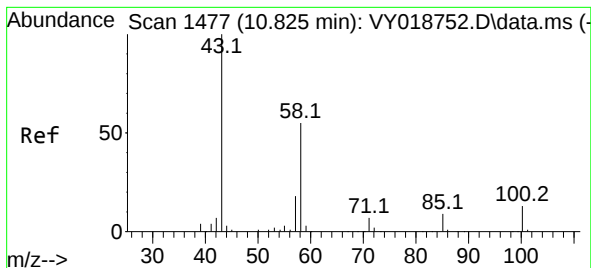
Tgt Ion: 63 Resp: 51568

Ion Ratio Lower Upper

63 100

106 33.9 23.7 35.5





#59

2-Hexanone

Concen: 113.534 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

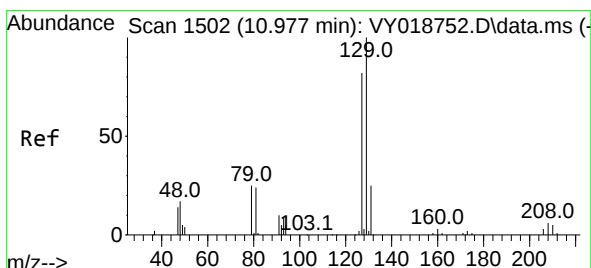
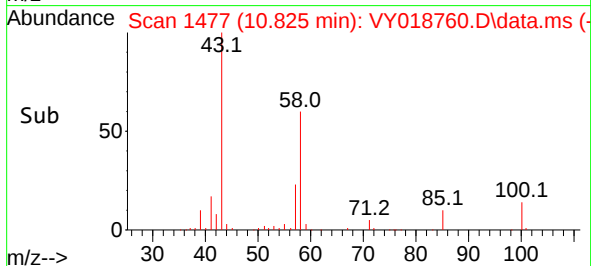
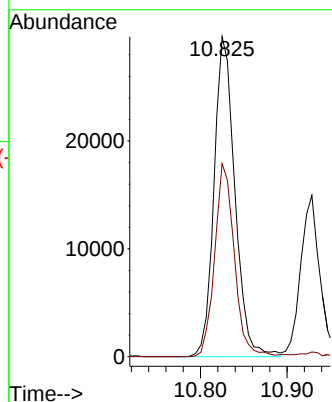
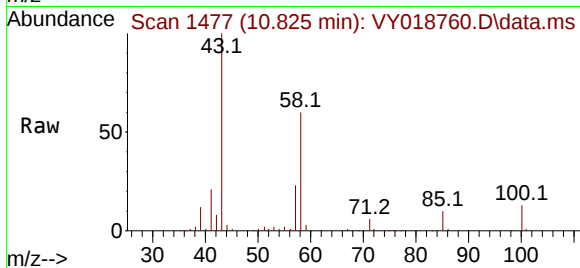
ClientSampleId :

Tgt Ion: 43 Resp: 49613

Ion Ratio Lower Upper

43 100

58 56.8 31.4 94.0



#60

Dibromochloromethane

Concen: 22.164 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.000 min

Lab File: VY018760.D

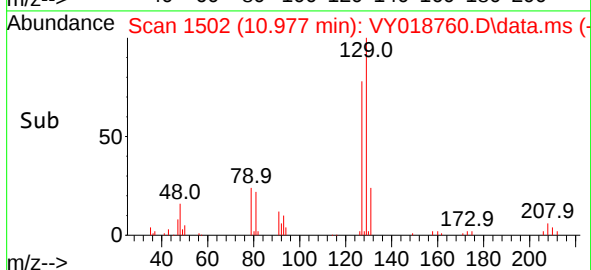
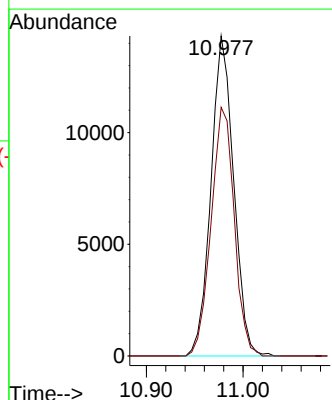
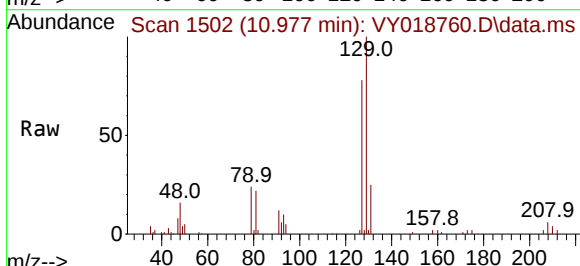
Acq: 10 Jul 2024 11:39

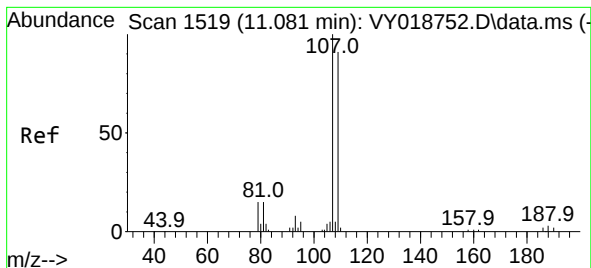
Tgt Ion:129 Resp: 23357

Ion Ratio Lower Upper

129 100

127 79.1 39.0 117.0

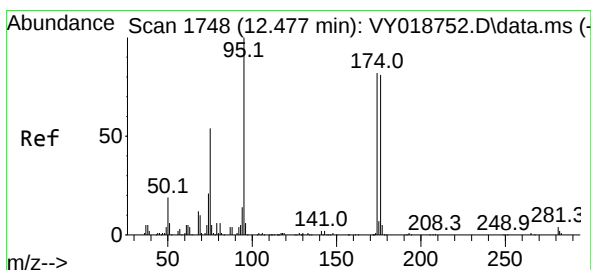
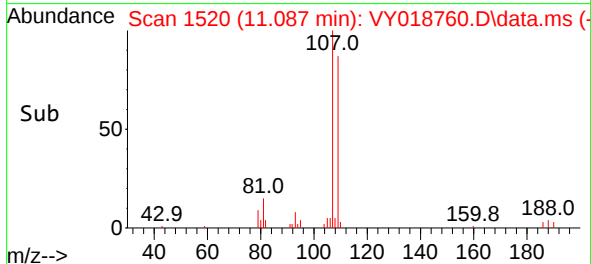
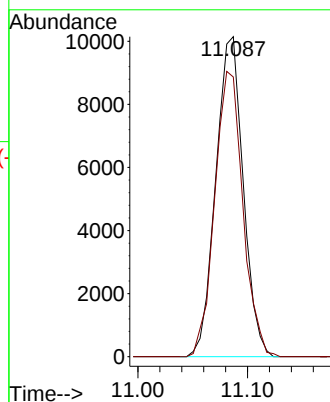
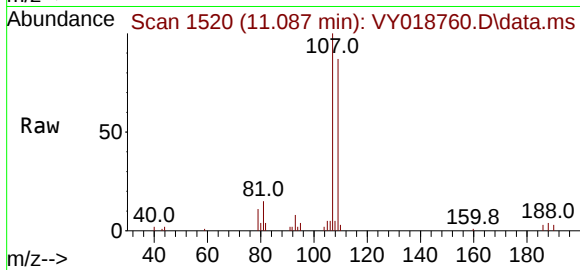




#61  
1,2-Dibromoethane  
Concen: 23.687 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

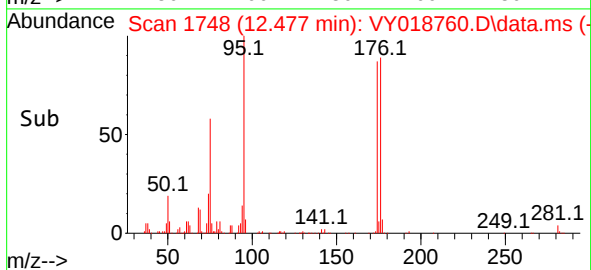
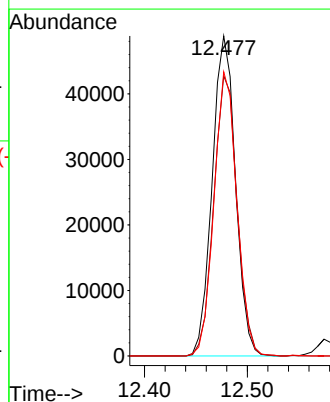
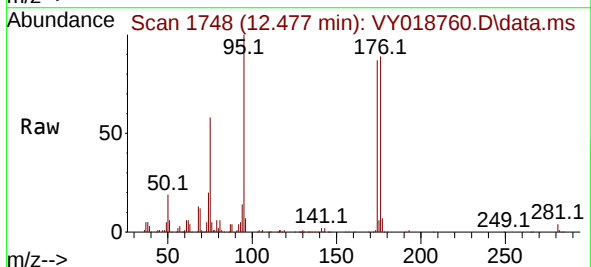
Instrument :  
MSVOA\_Y  
ClientSampleId :

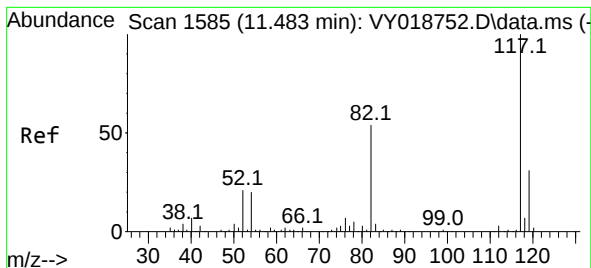
Tgt Ion:107 Resp: 17662  
Ion Ratio Lower Upper  
107 100  
109 91.6 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 55.402 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 95 Resp: 76830  
Ion Ratio Lower Upper  
95 100  
174 87.6 0.0 175.6  
176 87.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

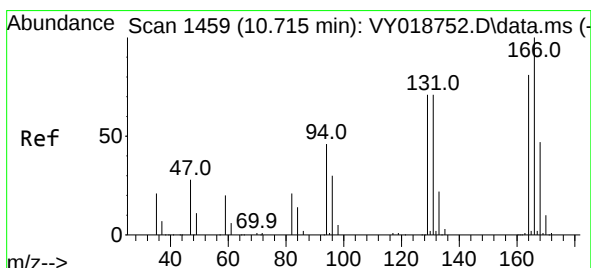
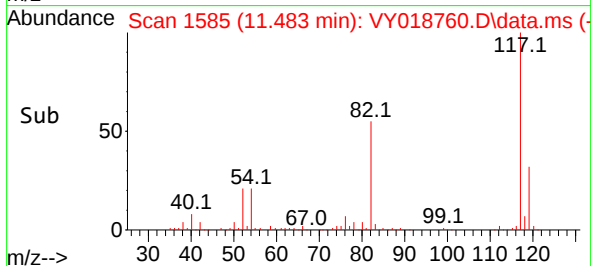
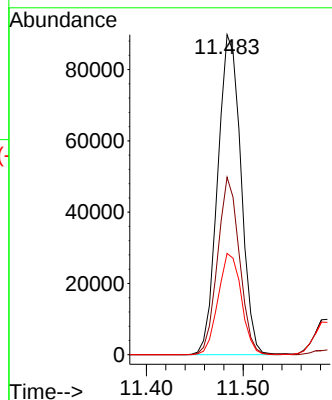
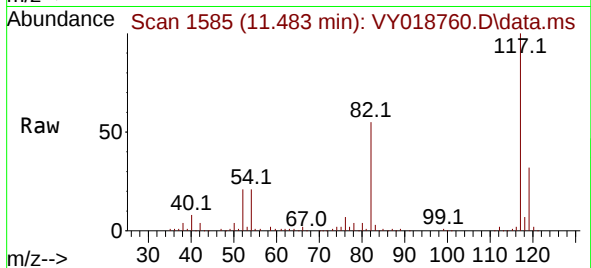
Tgt Ion:117 Resp: 149629

Ion Ratio Lower Upper

117 100

82 55.5 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 23.234 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Tgt Ion:164 Resp: 28139

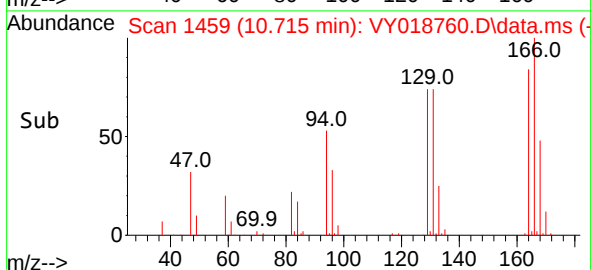
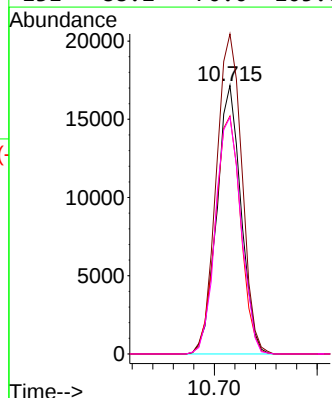
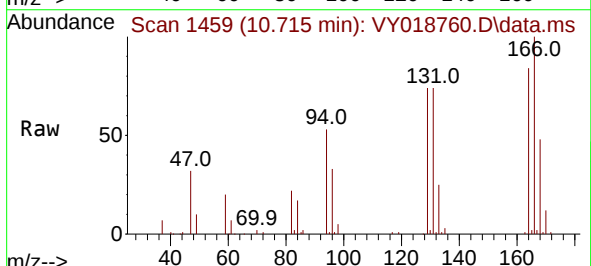
Ion Ratio Lower Upper

164 100

166 119.2 102.6 154.0

129 88.6 72.0 108.0

131 88.2 70.0 105.0





#65

Chlorobenzene

Concen: 22.916 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

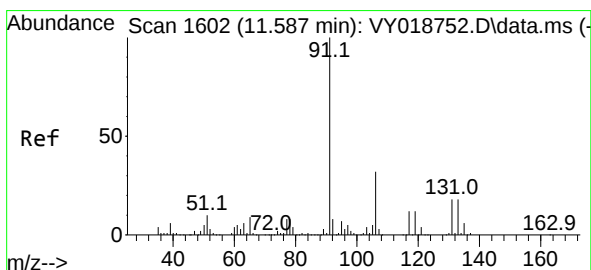
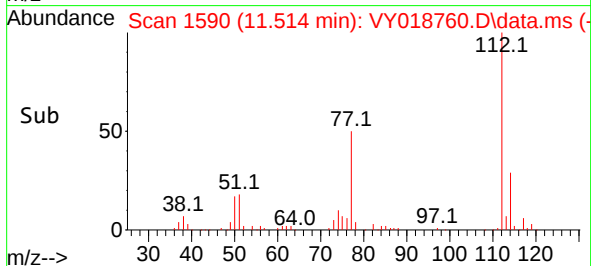
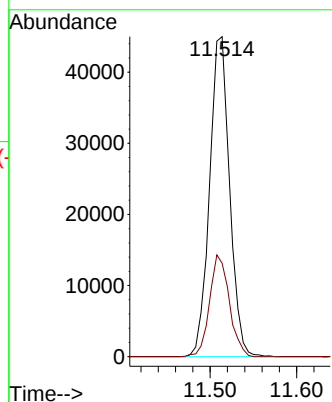
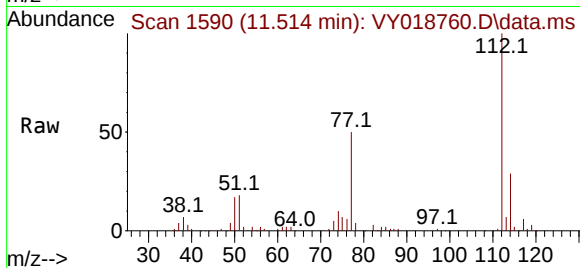
ClientSampleId :

Tgt Ion:112 Resp: 72334

Ion Ratio Lower Upper

112 100

114 29.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.828 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

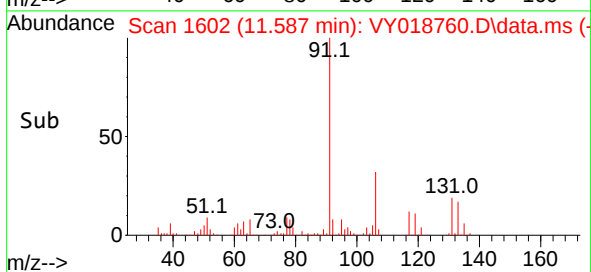
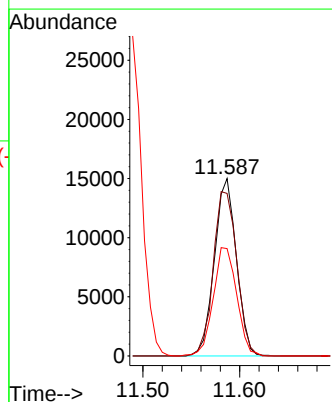
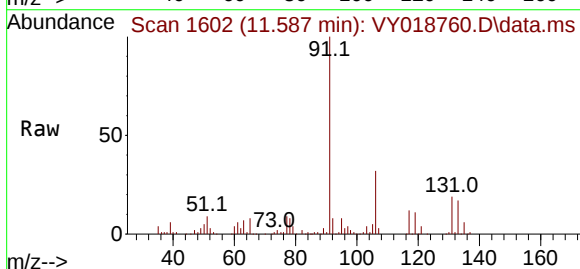
Tgt Ion:131 Resp: 23738

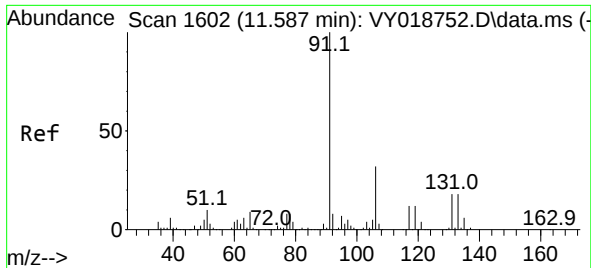
Ion Ratio Lower Upper

131 100

133 99.1 47.8 143.3

119 65.1 34.1 102.2

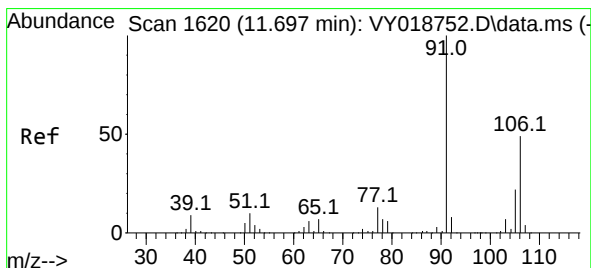
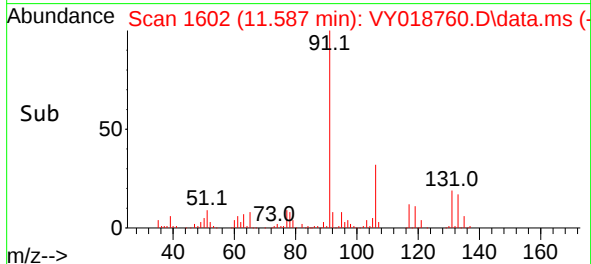
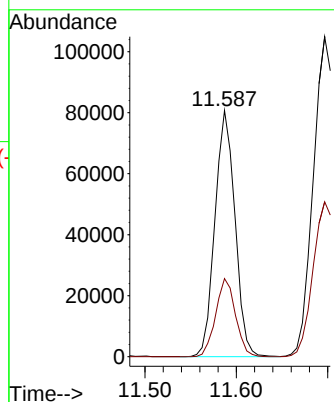
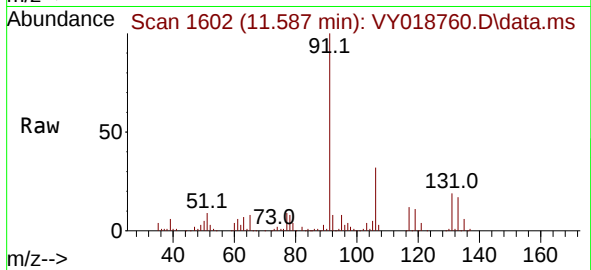




#67  
Ethyl Benzene  
Concen: 22.244 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

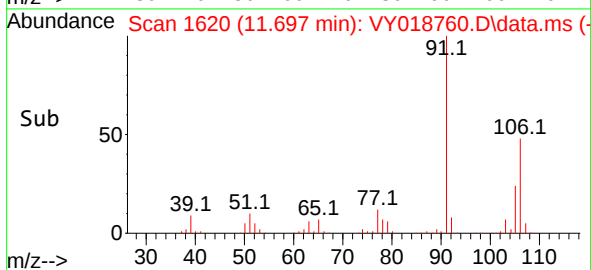
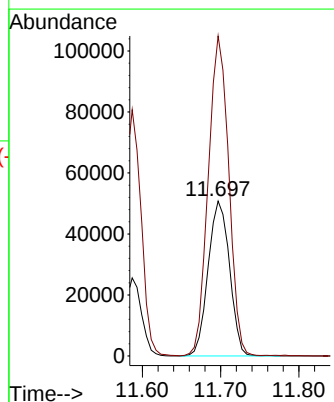
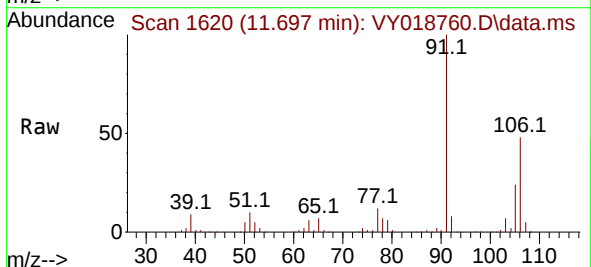
Instrument :  
MSVOA\_Y  
ClientSampleId :

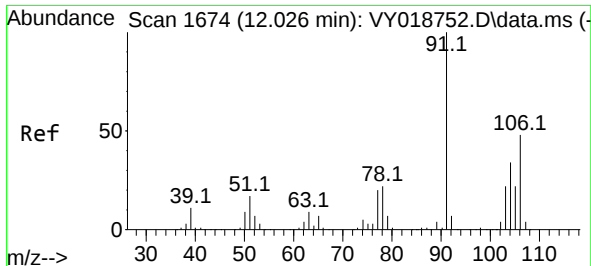
Tgt Ion: 91 Resp: 122997  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.5 36.7



#68  
m/p-Xylenes  
Concen: 44.402 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion:106 Resp: 96348  
Ion Ratio Lower Upper  
106 100  
91 197.9 156.0 234.0

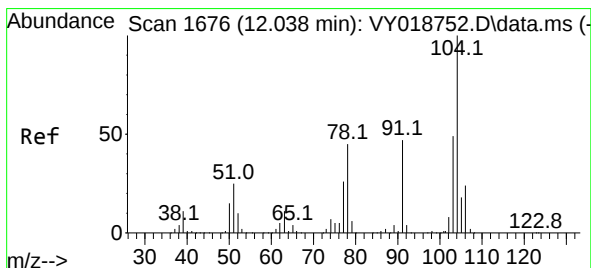
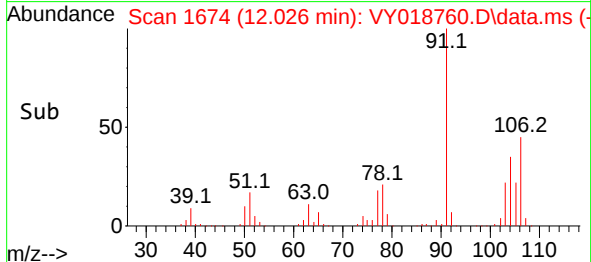
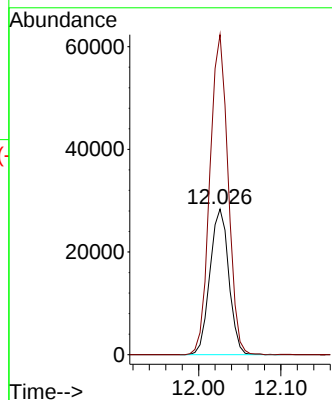
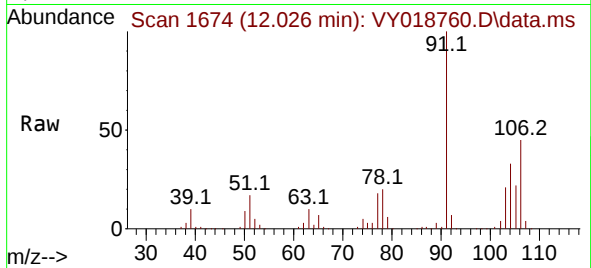




#69  
o-Xylene  
Concen: 22.162 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

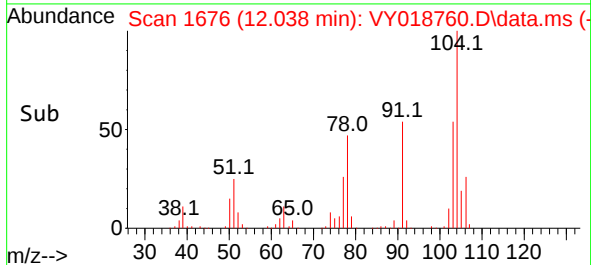
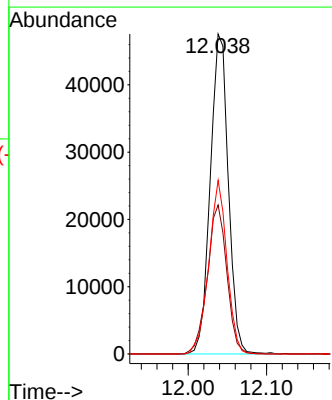
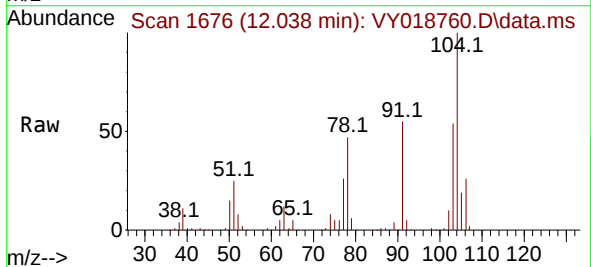
Instrument :  
MSVOA\_Y  
ClientSampleId :

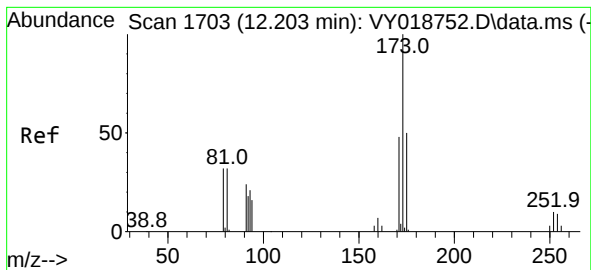
Tgt Ion:106 Resp: 45211  
Ion Ratio Lower Upper  
106 100  
91 212.0 103.6 310.8



#70  
Styrene  
Concen: 22.366 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion:104 Resp: 76130  
Ion Ratio Lower Upper  
104 100  
78 50.0 37.0 55.4  
103 54.6 44.2 66.2





#71

Bromoform

Concen: 22.146 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

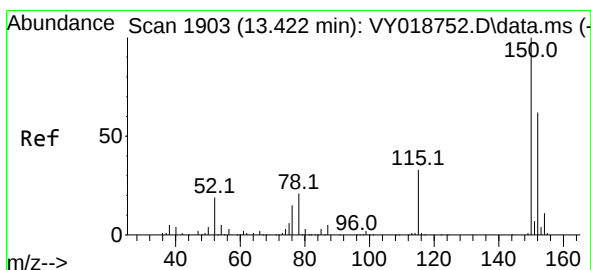
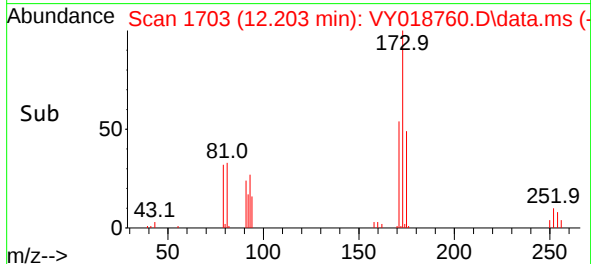
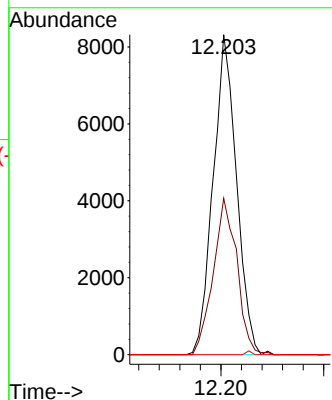
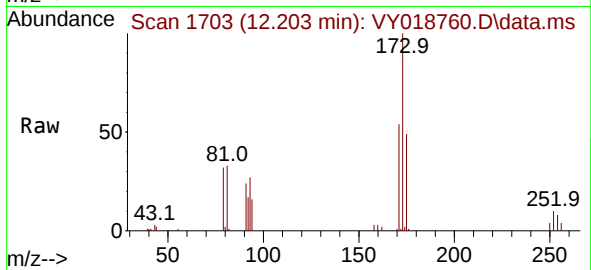
Tgt Ion:173 Resp: 13128

Ion Ratio Lower Upper

173 100

175 49.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

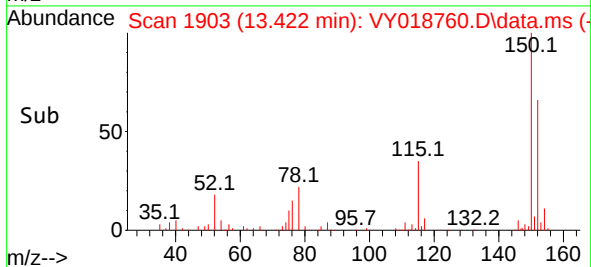
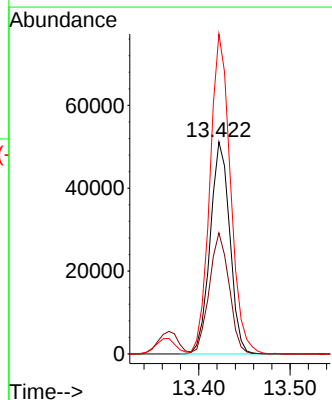
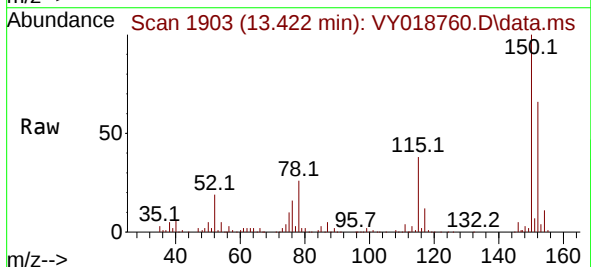
Tgt Ion:152 Resp: 76172

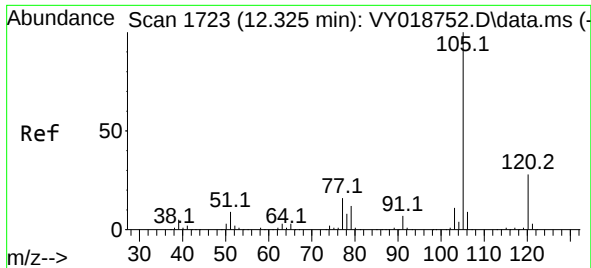
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.9 0.0 345.6

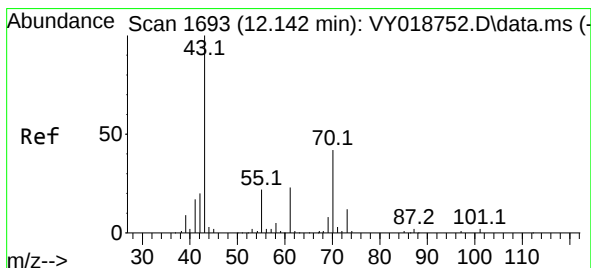
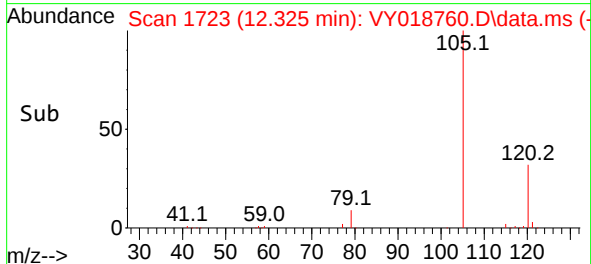
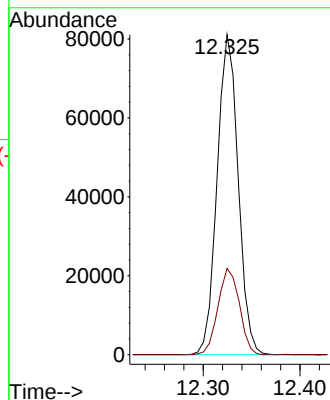
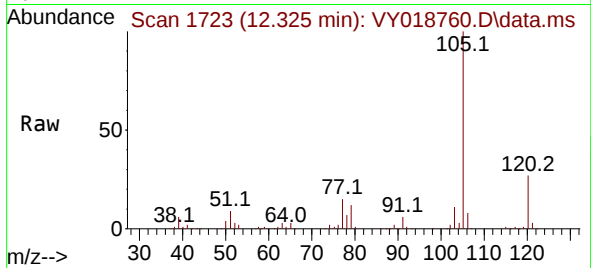




#73  
Isopropylbenzene  
Concen: 21.950 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

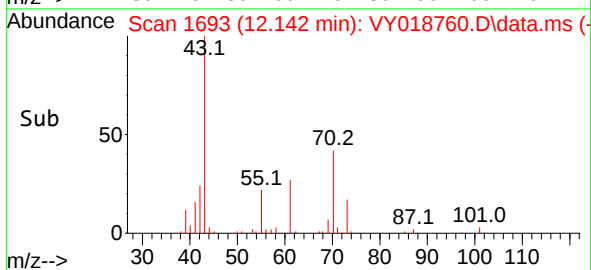
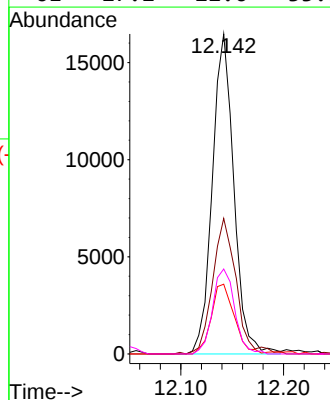
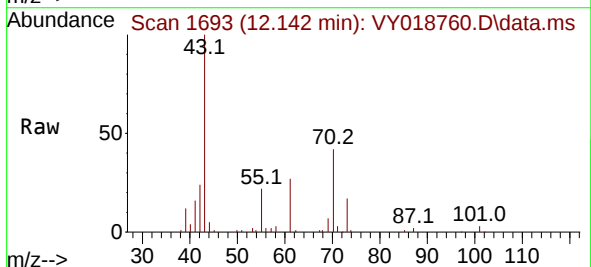
Instrument :  
MSVOA\_Y  
ClientSampleId :

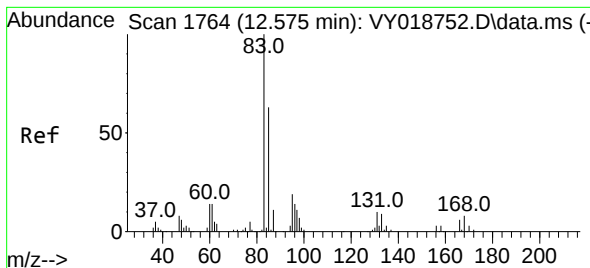
Tgt Ion:105 Resp: 122367  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.4 40.1



#74  
N-ethyl acetate  
Concen: 21.031 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 43 Resp: 23977  
Ion Ratio Lower Upper  
43 100  
70 46.1 41.4 62.2  
55 23.5 23.3 34.9  
61 27.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.722 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

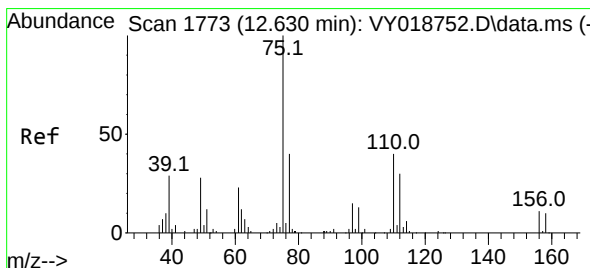
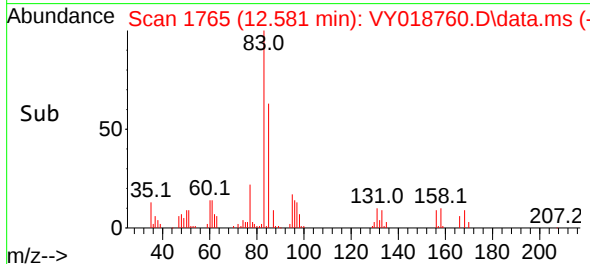
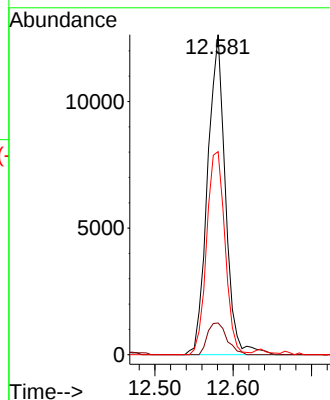
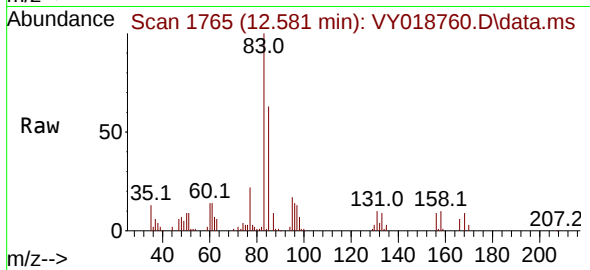
Tgt Ion: 83 Resp: 19969

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 65.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 41.702 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY018760.D

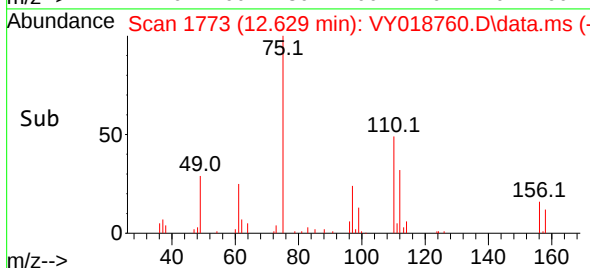
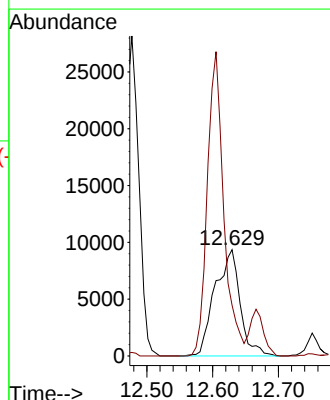
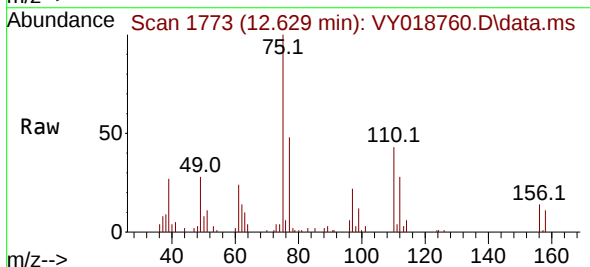
Acq: 10 Jul 2024 11:39

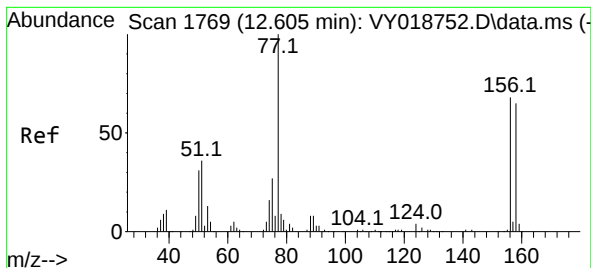
Tgt Ion: 75 Resp: 24879

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.887 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018760.D

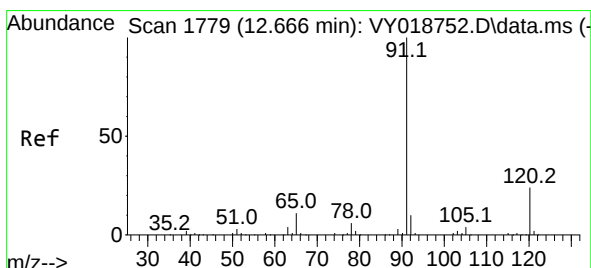
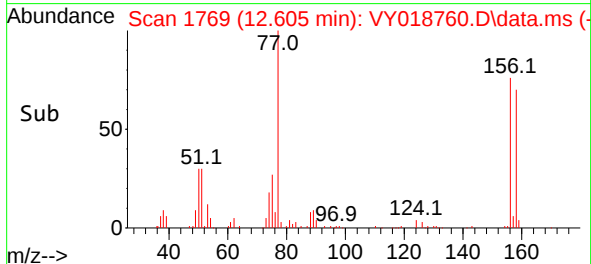
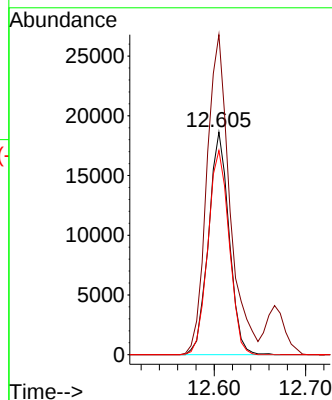
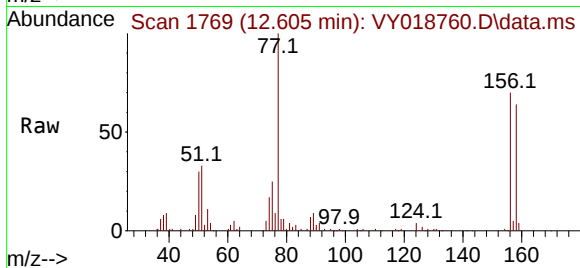
Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 29128 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 160.6 | 87.1  | 261.3 |
| 158       | 94.3  | 48.6  | 145.9 |



#78

n-propylbenzene

Concen: 21.629 ug/l

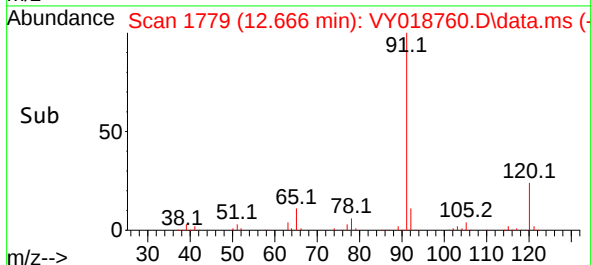
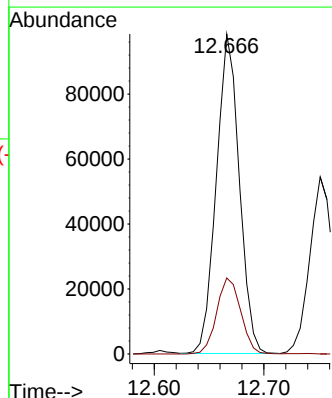
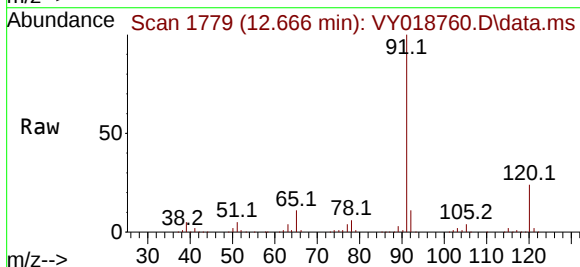
RT: 12.666 min Scan# 1779

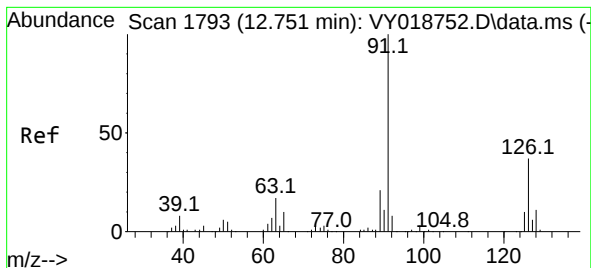
Delta R.T. 0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 143189 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.8  | 11.5  | 34.4   |





#79

2-Chlorotoluene

Concen: 21.776 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

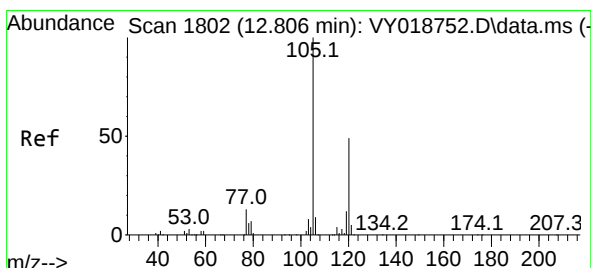
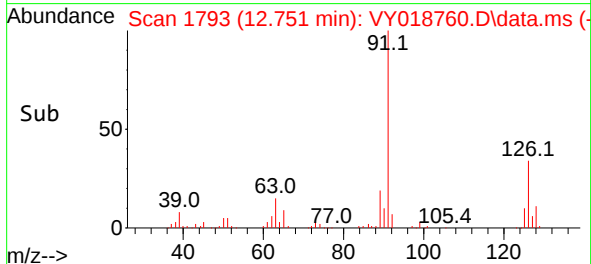
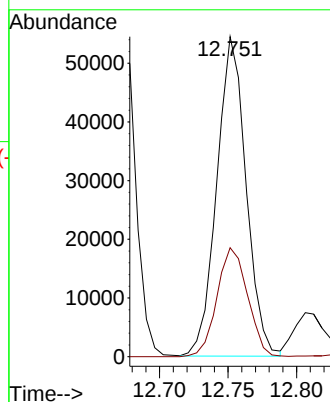
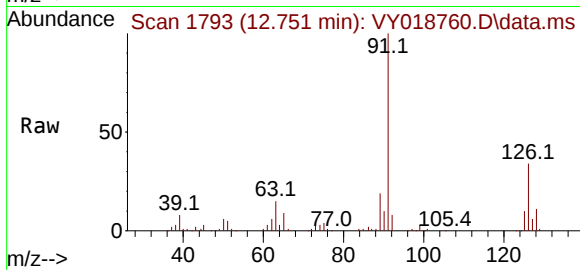
ClientSampleId :

Tgt Ion: 91 Resp: 81061

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.427 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VY018760.D

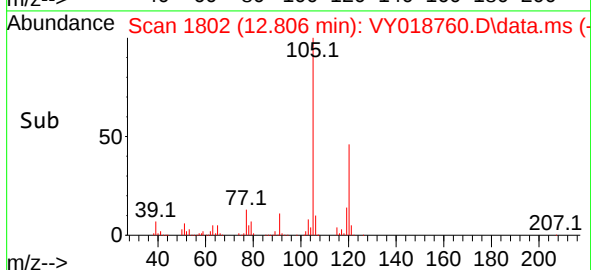
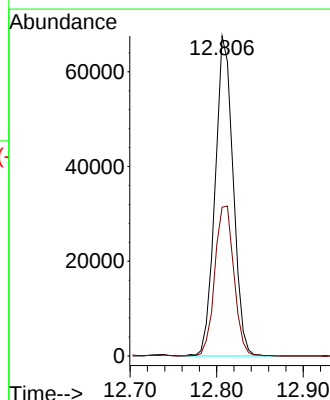
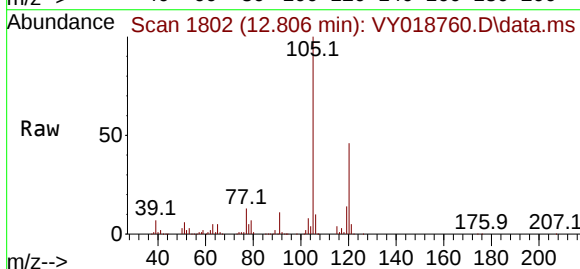
Acq: 10 Jul 2024 11:39

Tgt Ion: 105 Resp: 97736

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2

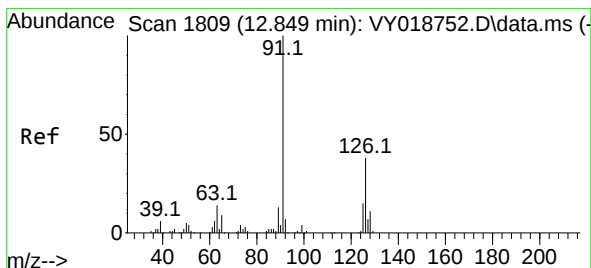
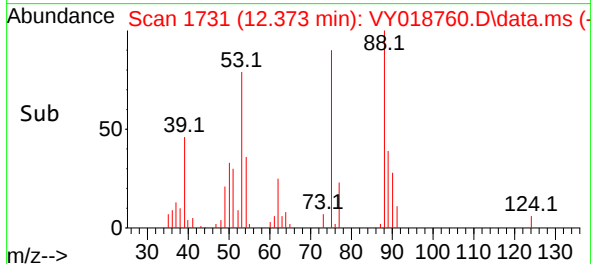
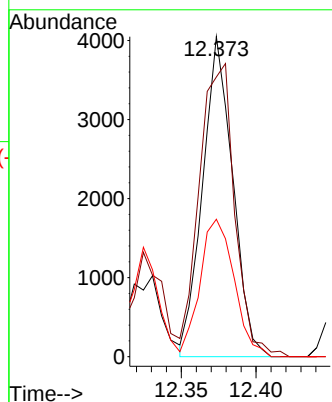
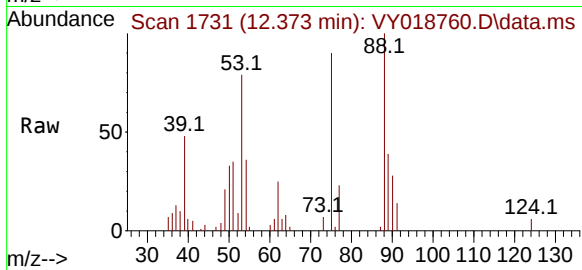




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.222 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

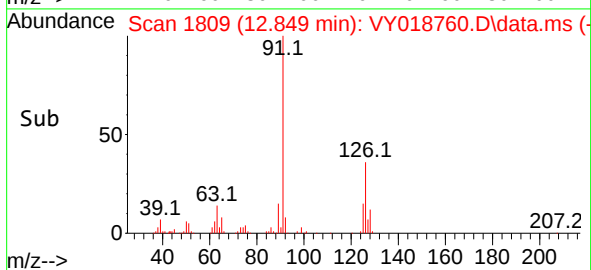
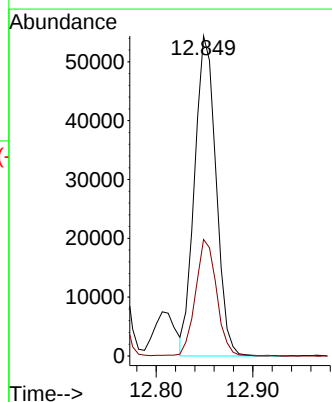
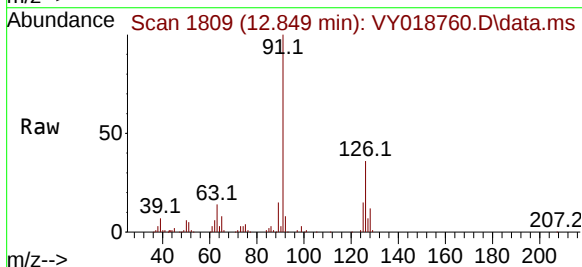
Instrument :  
MSVOA\_Y  
ClientSampleId :

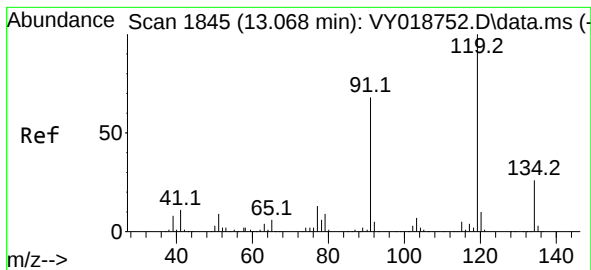
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 53      | 107.0 | 66.8  | 100.2# |
| 89      | 48.8  | 35.8  | 53.6   |



#82  
4-Chlorotoluene  
Concen: 21.884 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.9  | 17.6  | 52.9  |





#83

tert-Butylbenzene

Concen: 21.476 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY018760.D

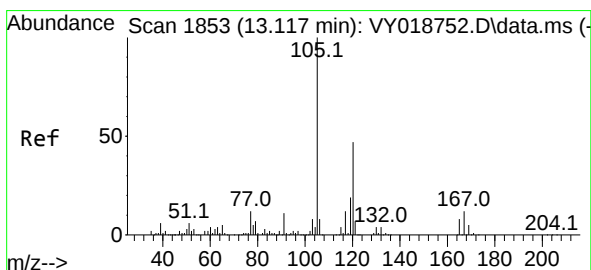
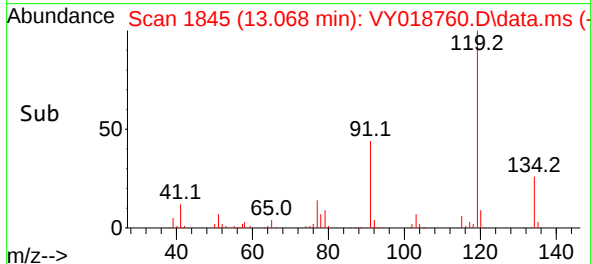
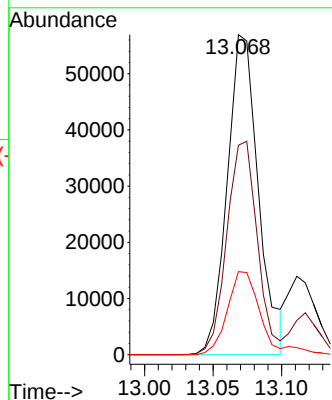
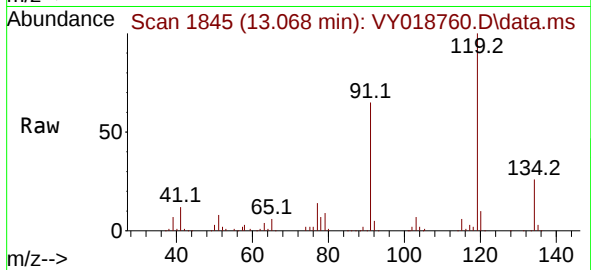
Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:119 | Resp: | 90441     |
| Ion Ratio   | Lower | Upper     |
| 119         | 100   |           |
| 91          | 65.3  | 31.3 93.8 |
| 134         | 27.8  | 13.4 40.1 |



#84

1,2,4-Trimethylbenzene

Concen: 21.873 ug/l

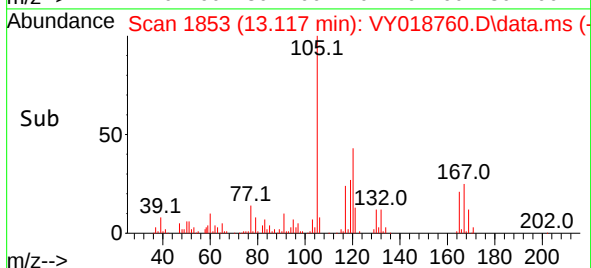
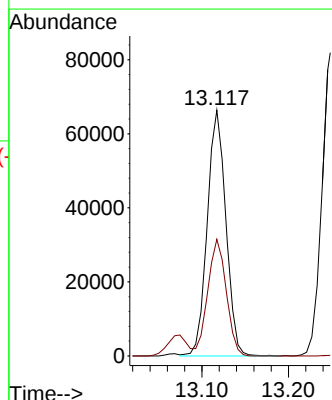
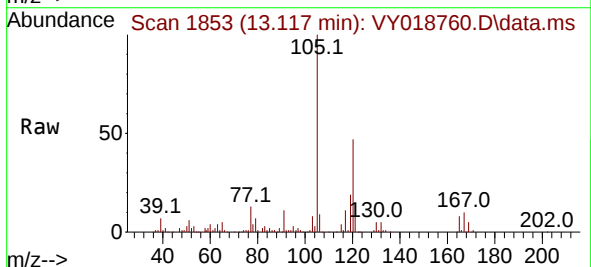
RT: 13.117 min Scan# 1853

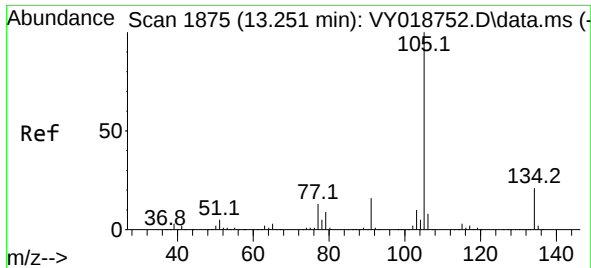
Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 99145     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 47.5  | 23.2 69.6 |

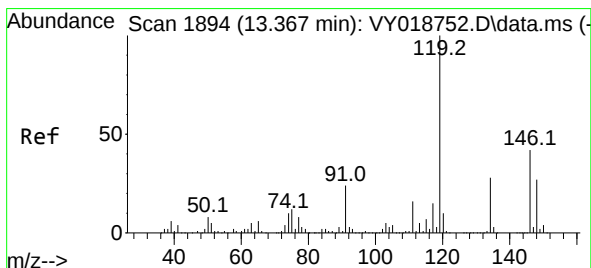
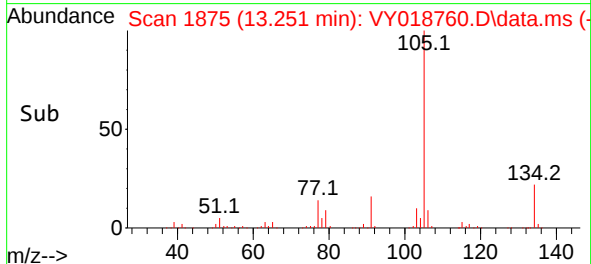
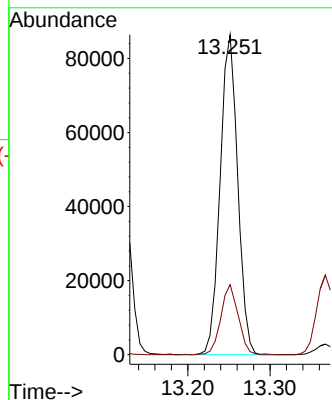
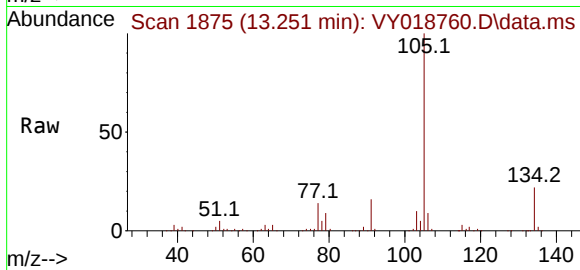




#85  
 sec-Butylbenzene  
 Concen: 21.456 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

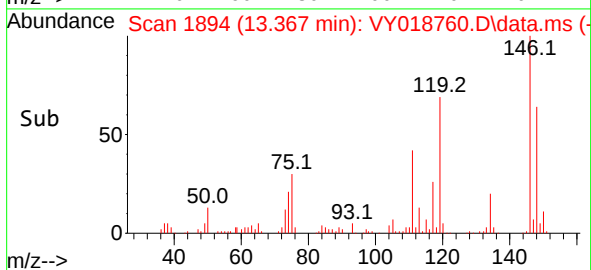
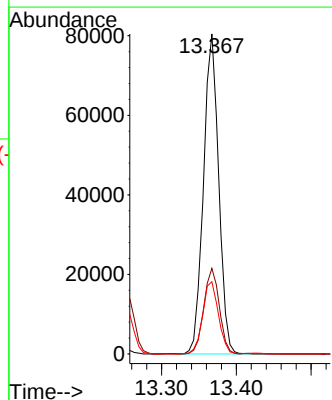
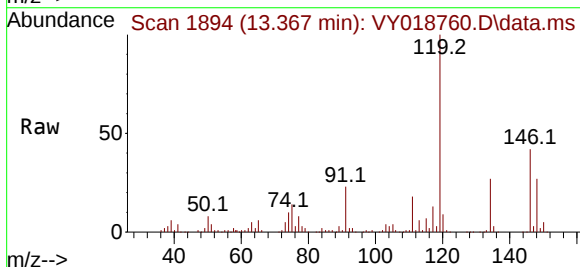
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

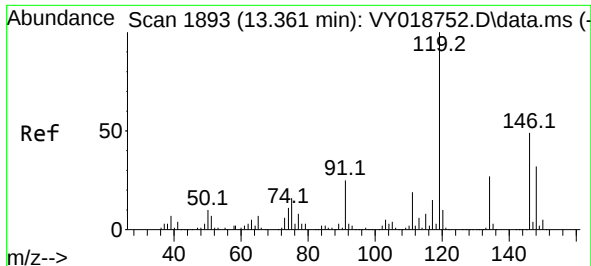
Tgt Ion:105 Resp: 128249  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 22.036 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY018760.D  
 Acq: 10 Jul 2024 11:39

Tgt Ion:119 Resp: 113711  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 13.1 39.3  
 91 23.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.588 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

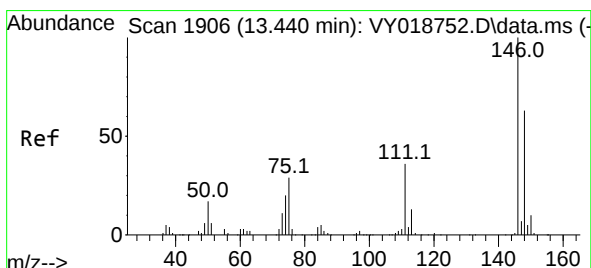
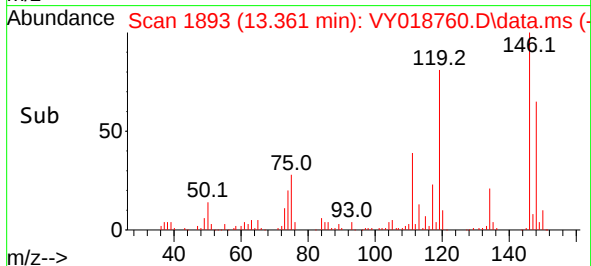
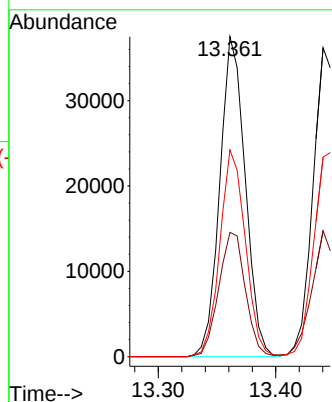
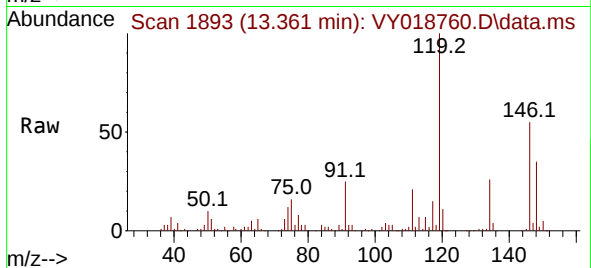
Tgt Ion:146 Resp: 56429

Ion Ratio Lower Upper

146 100

111 40.7 19.0 57.0

148 64.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.890 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

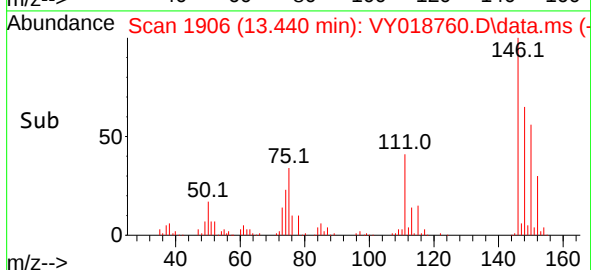
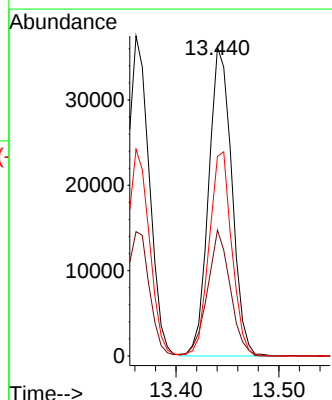
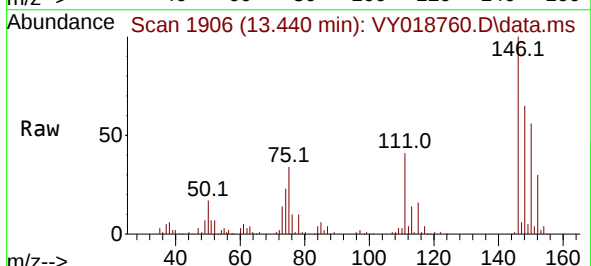
Tgt Ion:146 Resp: 56710

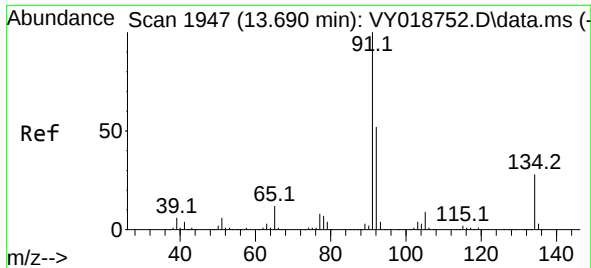
Ion Ratio Lower Upper

146 100

111 40.1 18.4 55.4

148 64.5 32.4 97.2

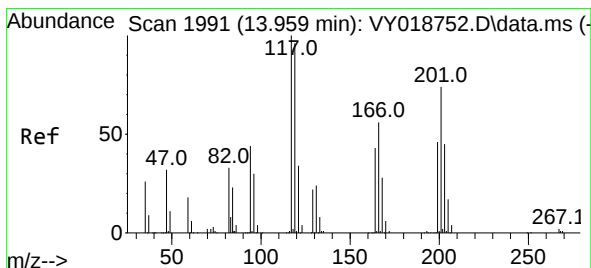
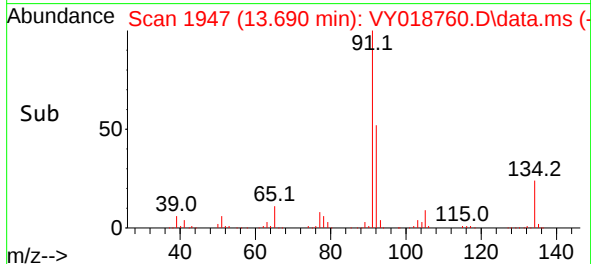
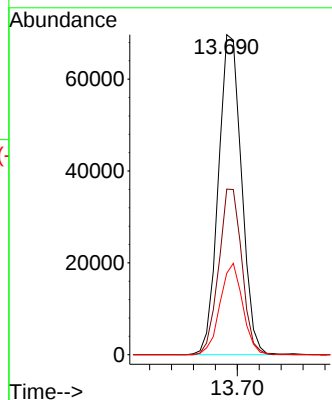
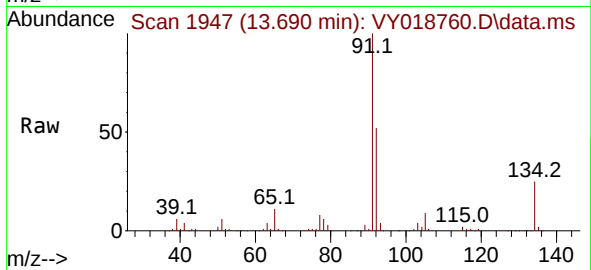




#89  
n-Butylbenzene  
Concen: 21.884 ug/l  
RT: 13.690 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

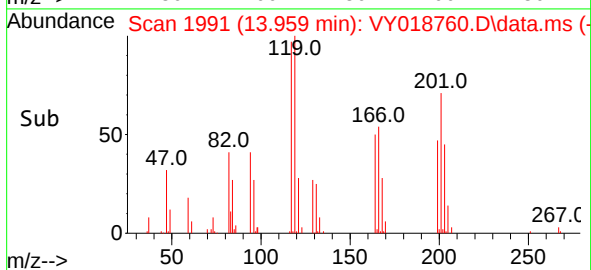
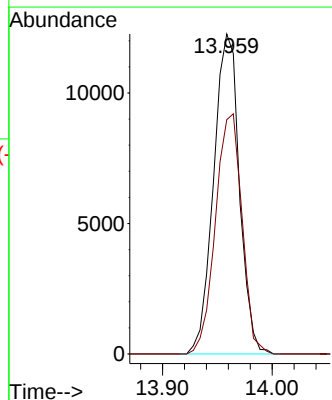
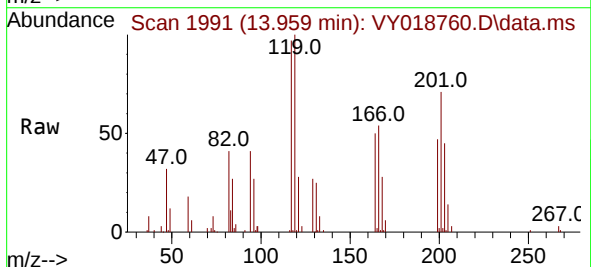
Instrument :  
MSVOA\_Y  
ClientSampleId :

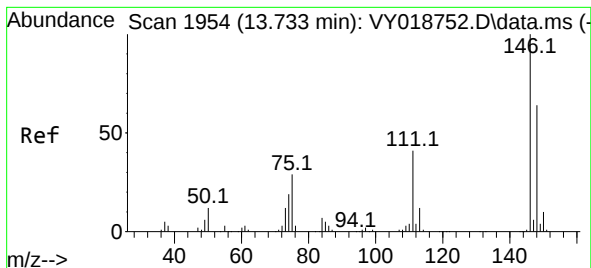
Tgt Ion: 91 Resp: 102380  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.6 79.7  
134 27.9 12.9 38.7



#90  
Hexachloroethane  
Concen: 20.911 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY018760.D  
Acq: 10 Jul 2024 11:39

Tgt Ion: 117 Resp: 20068  
Ion Ratio Lower Upper  
117 100  
201 77.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.694 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

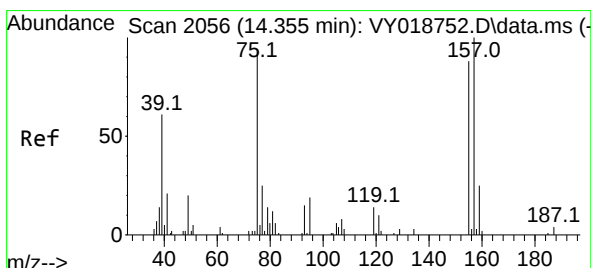
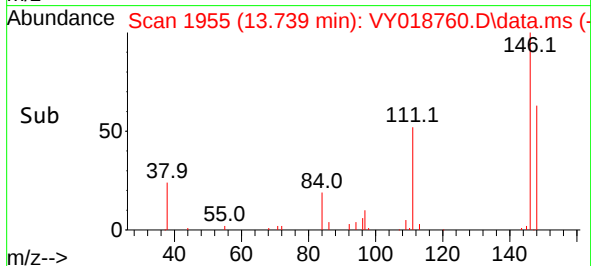
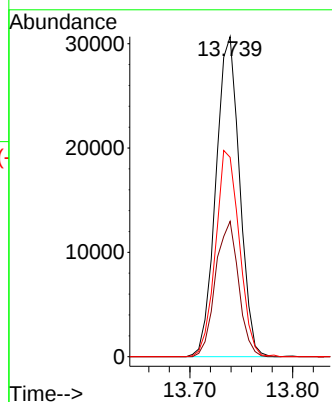
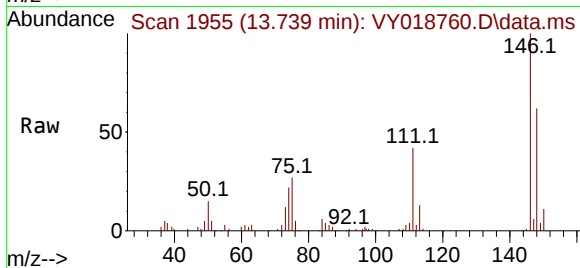
Tgt Ion:146 Resp: 48984

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.7

148 64.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.727 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

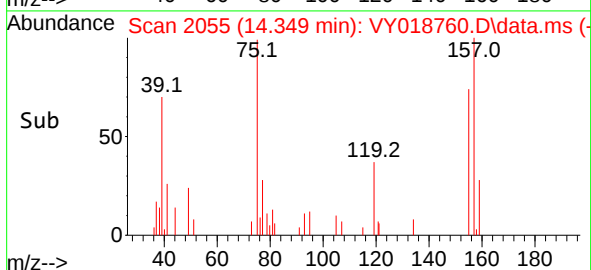
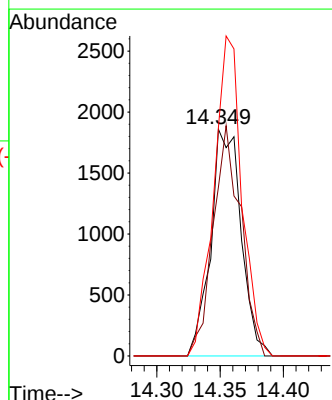
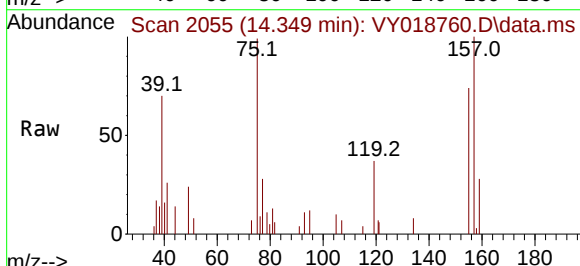
Tgt Ion: 75 Resp: 3094

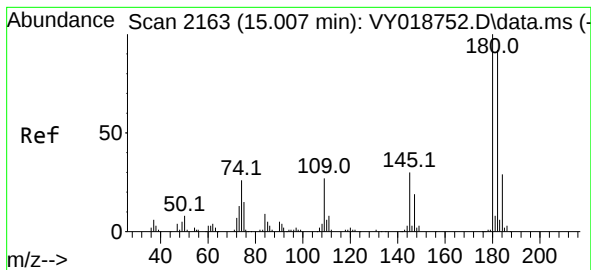
Ion Ratio Lower Upper

75 100

155 92.7 48.6 145.8

157 131.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.786 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018760.D

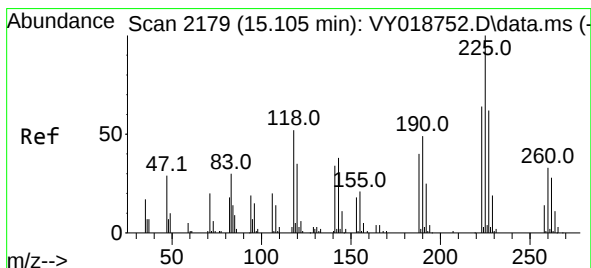
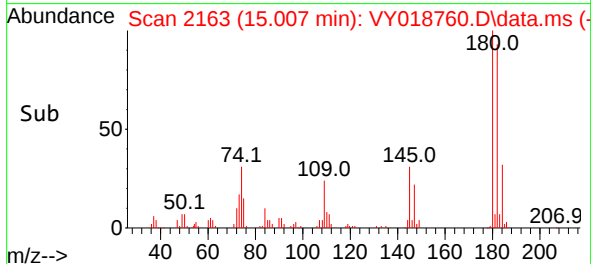
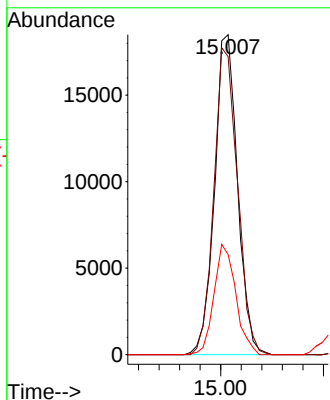
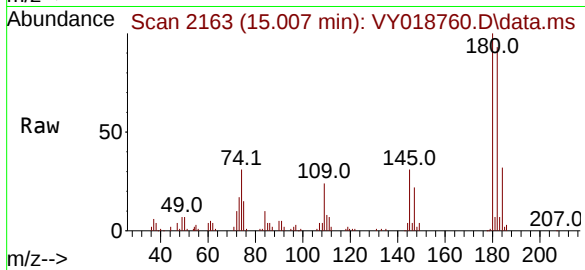
Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 28650      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 98.5  | 47.9 143.8 |
| 145         | 32.8  | 14.2 42.6  |



#94

Hexachlorobutadiene

Concen: 21.525 ug/l

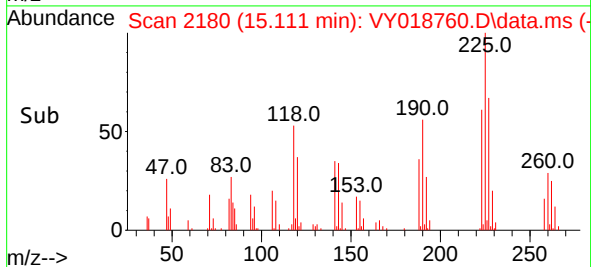
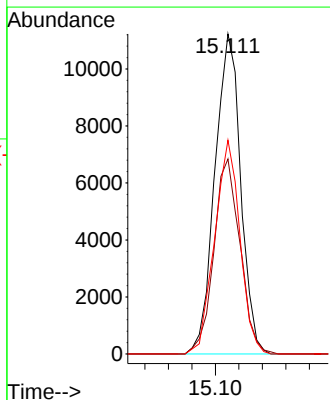
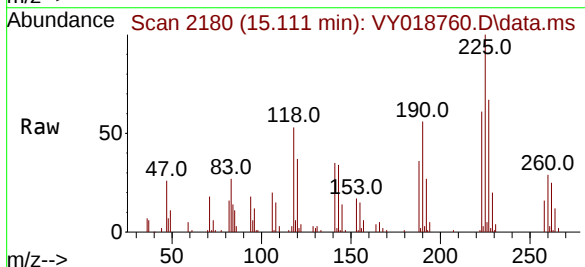
RT: 15.111 min Scan# 2180

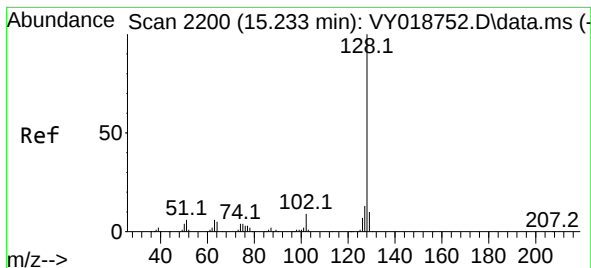
Delta R.T. 0.006 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 17101     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.0  | 30.4 91.2 |
| 227         | 65.6  | 31.9 95.9 |





#95

Naphthalene

Concen: 22.306 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018760.D

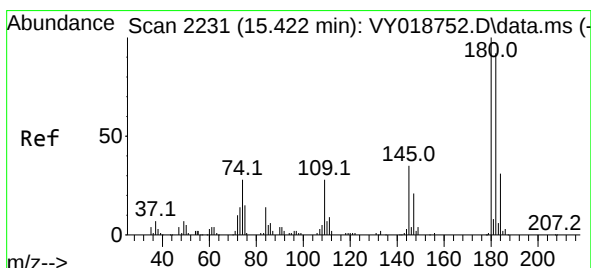
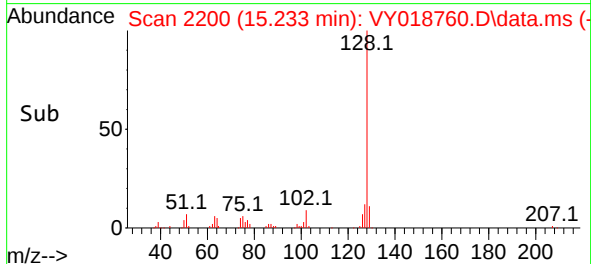
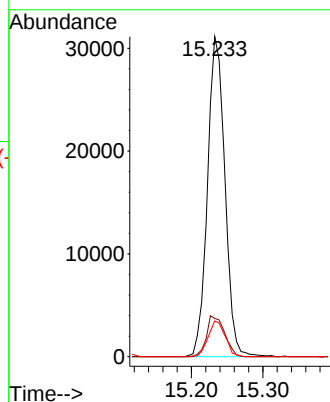
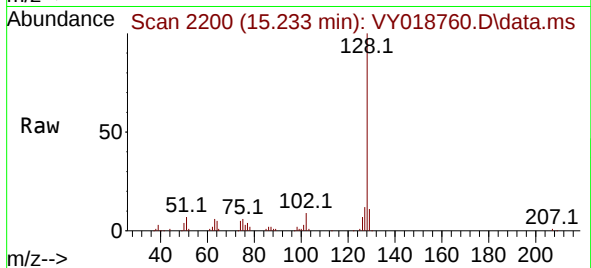
Acq: 10 Jul 2024 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 52742     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.2  | 10.6 16.0 |
| 129         | 10.9  | 8.6 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 21.642 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018760.D

Acq: 10 Jul 2024 11:39

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 25523      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.1  | 47.6 142.9 |
| 145         | 32.4  | 15.4 46.1  |

