

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY071724\  
 Data File : VY018847.D  
 Acq On : 17 Jul 2024 15:15  
 Operator : SY/MD  
 Sample : VY0717SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 18 01:27:24 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  | 102382   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.679  | 114  | 159867   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 139615   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 69296    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 51910    | 51.526   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 103.060% |      |
| 35) Dibromofluoromethane    | 7.703  | 113   | 53411    | 53.343   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.680% |      |
| 50) Toluene-d8              | 10.173 | 98    | 193310   | 50.959   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 101.920% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 67173    | 51.852   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 103.700% |      |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        | Qvalue  |        |    |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 15078  | 17.576  | ug/l   | 99 |
| 3) Chloromethane             | 2.107 | 50  | 23528  | 18.048  | ug/l   | 97 |
| 4) Vinyl Chloride            | 2.241 | 62  | 28793  | 18.880  | ug/l   | 95 |
| 5) Bromomethane              | 2.631 | 94  | 21438  | 20.437  | ug/l   | 94 |
| 6) Chloroethane              | 2.778 | 64  | 19039  | 19.216  | ug/l   | 96 |
| 7) Trichlorofluoromethane    | 3.107 | 101 | 39049  | 19.595  | ug/l   | 99 |
| 8) Diethyl Ether             | 3.515 | 74  | 9965   | 20.516  | ug/l   | 95 |
| 9) 1,1,2-Trichlorotrifluo... | 3.875 | 101 | 20696  | 20.241  | ug/l   | 98 |
| 10) Methyl Iodide            | 4.070 | 142 | 19618  | 17.818  | ug/l   | 91 |
| 11) Tert butyl alcohol       | 4.905 | 59  | 3269   | 32.031  | ug/l # | 88 |
| 12) 1,1-Dichloroethene       | 3.844 | 96  | 18506  | 18.709  | ug/l   | 96 |
| 13) Acrolein                 | 3.710 | 56  | 6058   | 74.089  | ug/l   | 96 |
| 14) Allyl chloride           | 4.460 | 41  | 22408  | 18.286  | ug/l # | 88 |
| 15) Acrylonitrile            | 5.143 | 53  | 19230  | 100.358 | ug/l   | 97 |
| 16) Acetone                  | 3.930 | 43  | 18207  | 98.026  | ug/l # | 81 |
| 17) Carbon Disulfide         | 4.174 | 76  | 47960  | 17.316  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.460 | 43  | 10647  | 19.728  | ug/l   | 98 |
| 19) Methyl tert-butyl Ether  | 5.198 | 73  | 45332  | 19.756  | ug/l   | 91 |
| 20) Methylene Chloride       | 4.692 | 84  | 36947  | 33.485  | ug/l   | 97 |
| 21) trans-1,2-Dichloroethene | 5.198 | 96  | 19951  | 19.111  | ug/l   | 93 |
| 22) Diisopropyl ether        | 6.094 | 45  | 52940  | 19.861  | ug/l # | 86 |
| 23) Vinyl Acetate            | 6.039 | 43  | 201467 | 95.936  | ug/l   | 94 |
| 24) 1,1-Dichloroethane       | 5.996 | 63  | 33224  | 19.522  | ug/l   | 99 |
| 25) 2-Butanone               | 6.972 | 43  | 25633  | 98.455  | ug/l   | 96 |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 31546  | 19.977  | ug/l   | 96 |
| 27) cis-1,2-Dichloroethene   | 6.966 | 96  | 24169  | 19.885  | ug/l   | 98 |
| 28) Bromochloromethane       | 7.313 | 49  | 14305  | 20.927  | ug/l   | 98 |
| 29) Tetrahydrofuran          | 7.338 | 42  | 15164  | 95.006  | ug/l   | 97 |
| 30) Chloroform               | 7.490 | 83  | 38261  | 20.172  | ug/l   | 99 |
| 31) Cyclohexane              | 7.777 | 56  | 29636  | 19.147  | ug/l   | 94 |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 35749  | 20.268  | ug/l   | 99 |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 26195  | 18.957  | ug/l   | 98 |
| 37) Ethyl Acetate            | 7.057 | 43  | 11272  | 19.625  | ug/l # | 77 |
| 38) Carbon Tetrachloride     | 7.886 | 117 | 32171  | 19.330  | ug/l # | 94 |
| 39) Methylcyclohexane        | 9.173 | 83  | 34288  | 19.363  | ug/l   | 95 |
| 40) Benzene                  | 8.149 | 78  | 78046  | 19.470  | ug/l   | 95 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY071724\  
 Data File : VY018847.D  
 Acq On : 17 Jul 2024 15:15  
 Operator : SY/MD  
 Sample : VY0717SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 18 01:27:24 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   | 7020     | 21.438  | ug/l # | 38       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 22443    | 19.997  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 21565    | 18.869  | ug/l   | 95       |
| 44) Trichloroethene           | 8.935  | 130  | 22691    | 19.803  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 17341    | 19.866  | ug/l   | 96       |
| 46) Dibromomethane            | 9.295  | 93   | 11221    | 19.832  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.490  | 83   | 28404    | 20.095  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 9919     | 19.094  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.282  | 88   | 2531     | 381.612 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 56210    | 96.332  | ug/l   | 93       |
| 52) Toluene                   | 10.240 | 92   | 51903    | 19.481  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 23037    | 18.877  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 27589    | 19.270  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 14633    | 20.424  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.502 | 69   | 17734    | 18.800  | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 23628    | 19.894  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 45252    | 100.414 | ug/l   | 91       |
| 59) 2-Hexanone                | 10.825 | 43   | 40606    | 99.472  | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.977 | 129  | 20598    | 20.924  | ug/l   | 90       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 14714    | 21.124  | ug/l   | 93       |
| 64) Tetrachloroethene         | 10.715 | 164  | 22899    | 20.263  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.508 | 112  | 58651    | 19.914  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 19961    | 19.671  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.587 | 91   | 100172   | 19.415  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.697 | 106  | 78292    | 38.669  | ug/l   | 97       |
| 69) o-Xylene                  | 12.026 | 106  | 36657    | 19.258  | ug/l   | 97       |
| 70) Styrene                   | 12.038 | 104  | 62133    | 19.563  | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 10855    | 19.625  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.325 | 105  | 100299   | 19.777  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 19214    | 18.525  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 15382    | 19.239  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 19924    | 36.710  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 24085    | 19.893  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.666 | 91   | 117309   | 19.478  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 65813    | 19.434  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 80340    | 19.361  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 4856     | 20.024  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 69335    | 19.883  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.068 | 119  | 75141    | 19.614  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 80803    | 19.596  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 108568   | 19.965  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 93547    | 19.927  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 47899    | 20.143  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 45791    | 19.429  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.696 | 91   | 82503    | 19.385  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.958 | 117  | 16732    | 19.165  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 41922    | 20.409  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 2451     | 18.919  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 25326    | 20.198  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 14298    | 19.783  | ug/l   | 97       |
| 95) Naphthalene               | 15.233 | 128  | 42745    | 19.872  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 21725    | 20.250  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY071724\  
Data File : VY018847.D  
Acq On : 17 Jul 2024 15:15  
Operator : SY/MD  
Sample : VY0717SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

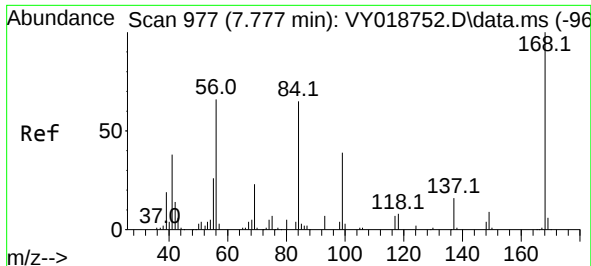
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jul 18 01:27:24 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

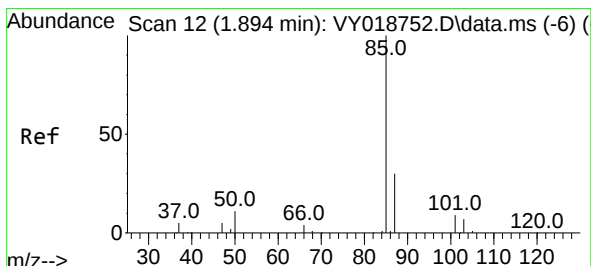
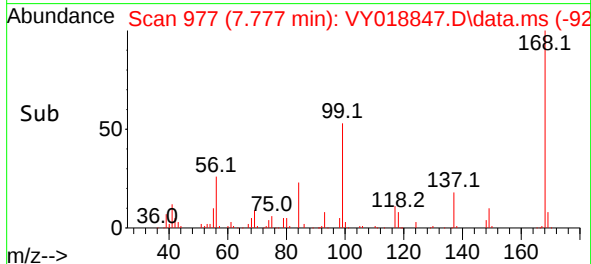
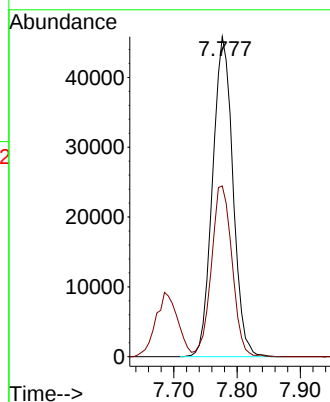
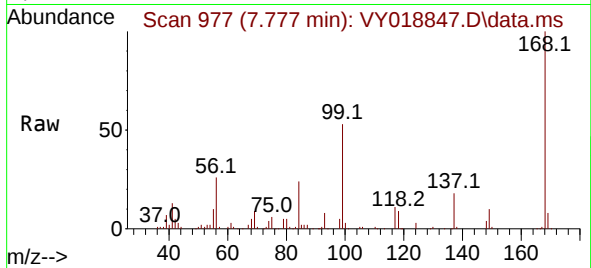




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

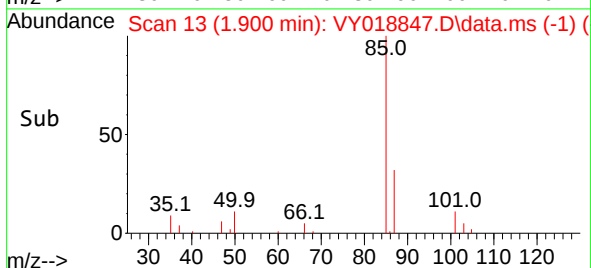
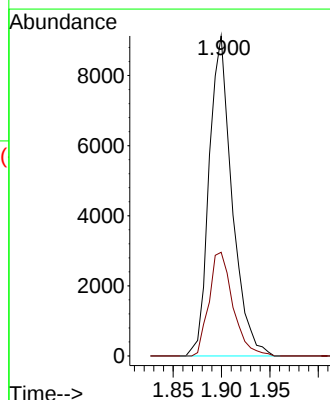
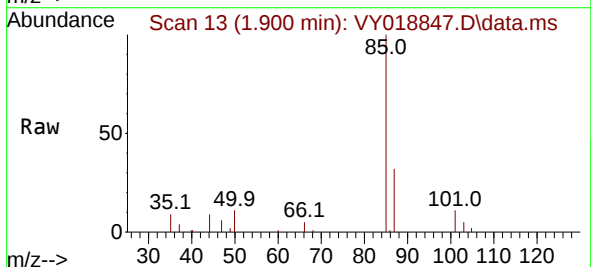
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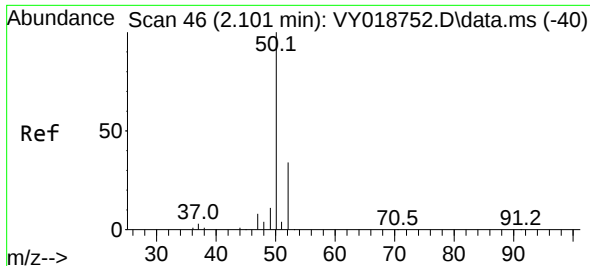
Tgt Ion:168 Resp: 102382  
Ion Ratio Lower Upper  
168 100  
99 53.4 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 17.576 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 85 Resp: 15078  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.0 48.0

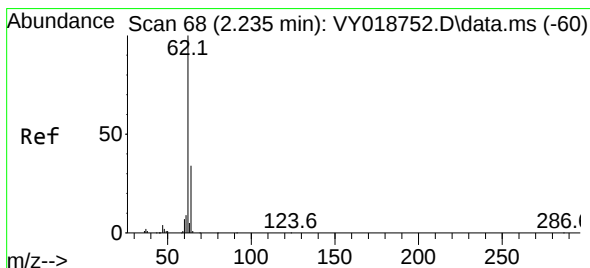
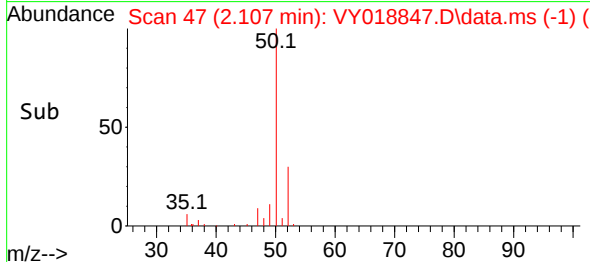
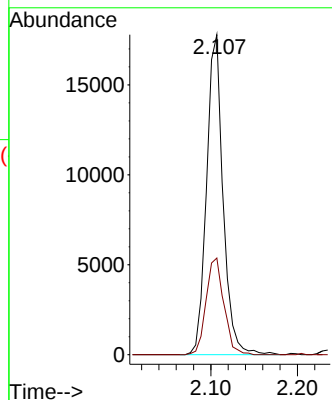
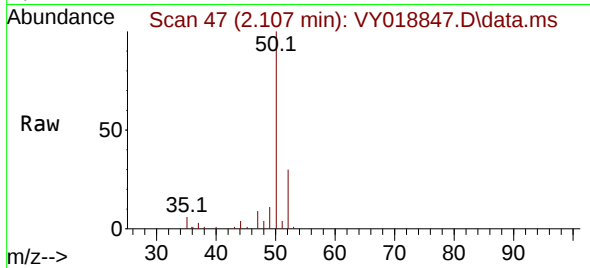




#3  
Chloromethane  
Concen: 18.048 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

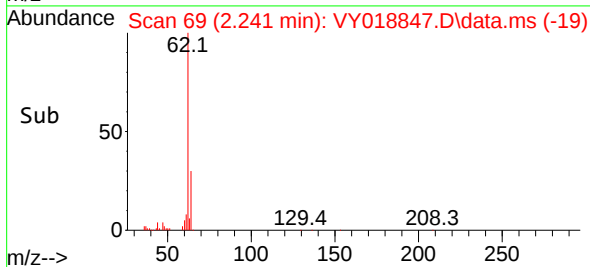
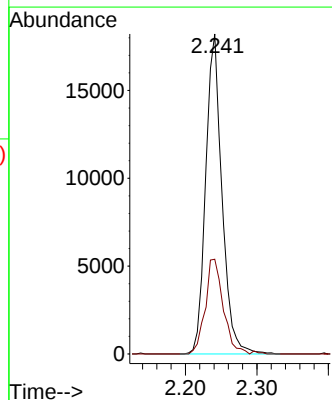
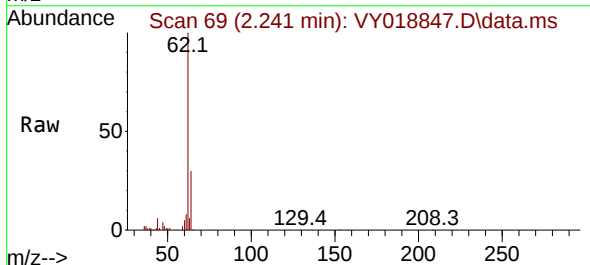
Instrument :  
MSVOA\_Y  
ClientSampleId :

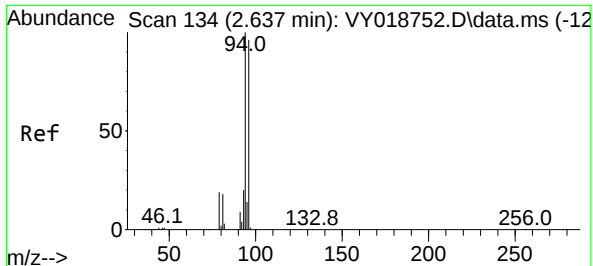
Tgt Ion: 50 Resp: 23528  
Ion Ratio Lower Upper  
50 100  
52 30.2 25.6 38.4



#4  
Vinyl Chloride  
Concen: 18.880 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 62 Resp: 28793  
Ion Ratio Lower Upper  
62 100  
64 29.6 26.1 39.1





#5

Bromomethane

Concen: 20.437 ug/l

RT: 2.631 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

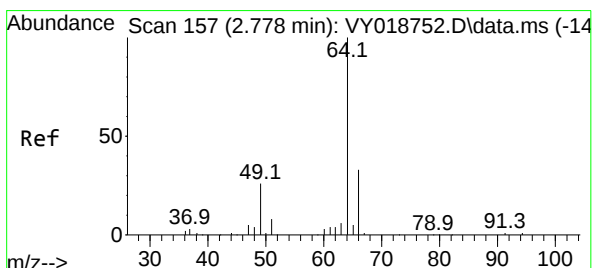
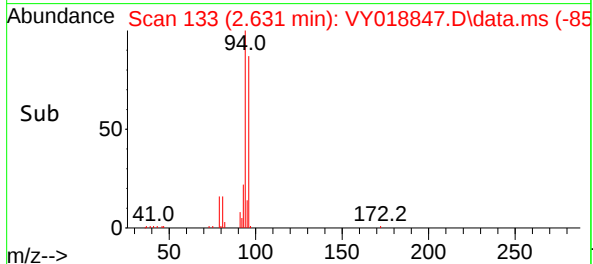
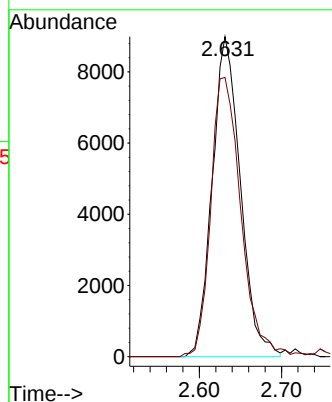
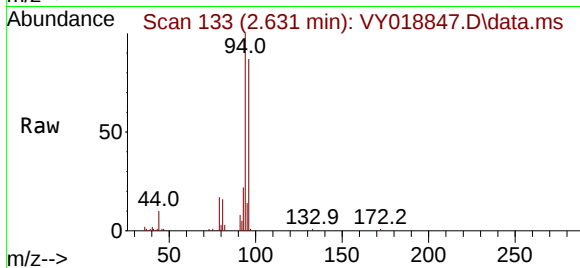
ClientSampleId :

Tgt Ion: 94 Resp: 21438

Ion Ratio Lower Upper

94 100

96 87.2 74.1 111.1



#6

Chloroethane

Concen: 19.216 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.000 min

Lab File: VY018847.D

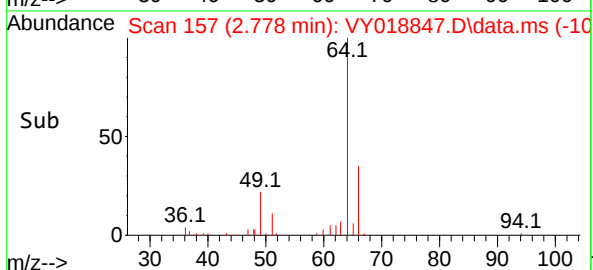
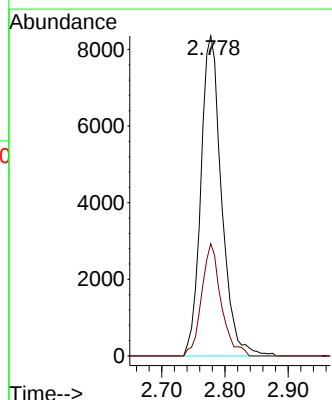
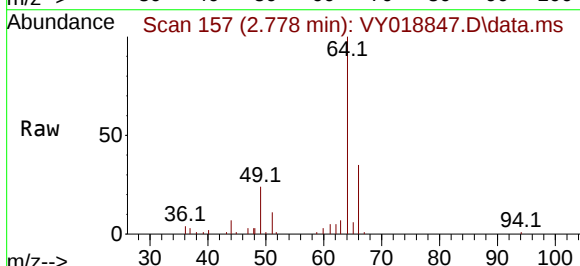
Acq: 17 Jul 2024 15:15

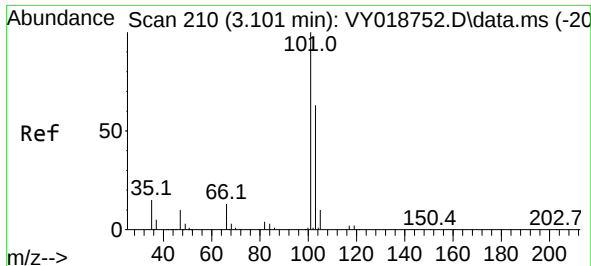
Tgt Ion: 64 Resp: 19039

Ion Ratio Lower Upper

64 100

66 35.1 26.1 39.1

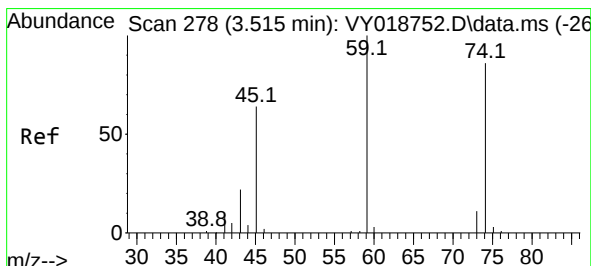
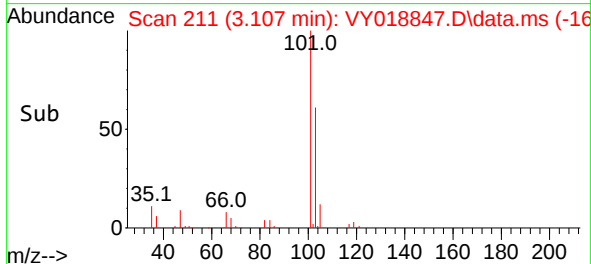
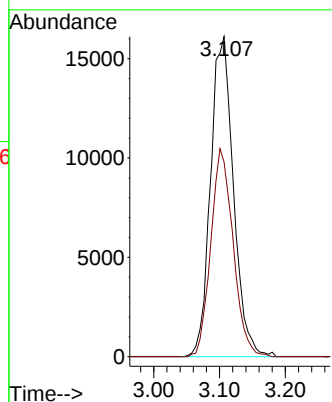
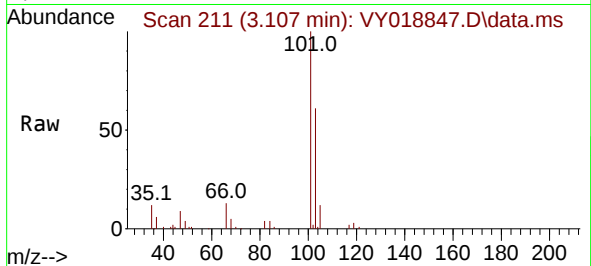




#7  
 Trichlorofluoromethane  
 Concen: 19.595 ug/l  
 RT: 3.107 min Scan# 210  
 Delta R.T. 0.006 min  
 Lab File: VY018847.D  
 Acq: 17 Jul 2024 15:15

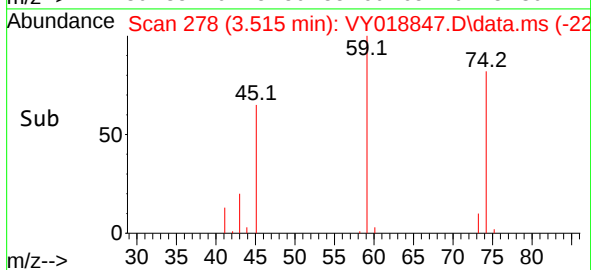
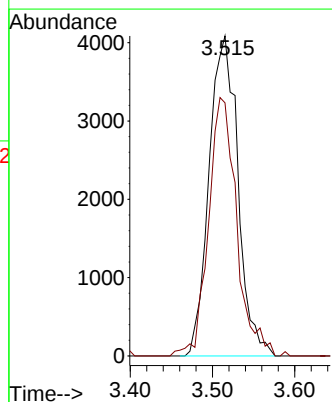
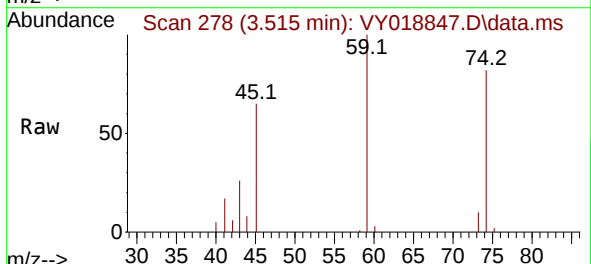
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

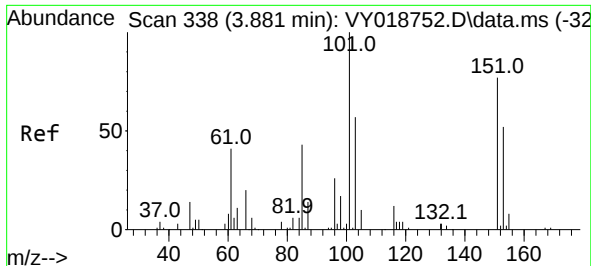
Tgt Ion:101 Resp: 39049  
 Ion Ratio Lower Upper  
 101 100  
 103 60.9 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 20.516 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. -0.000 min  
 Lab File: VY018847.D  
 Acq: 17 Jul 2024 15:15

Tgt Ion: 74 Resp: 9965  
 Ion Ratio Lower Upper  
 74 100  
 45 78.5 41.3 124.1

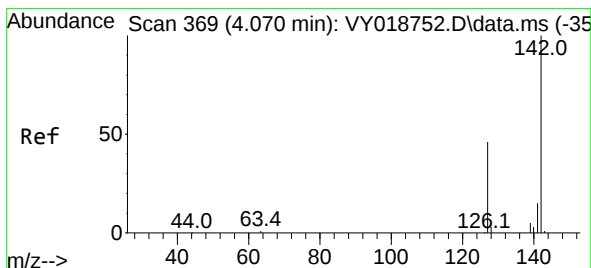
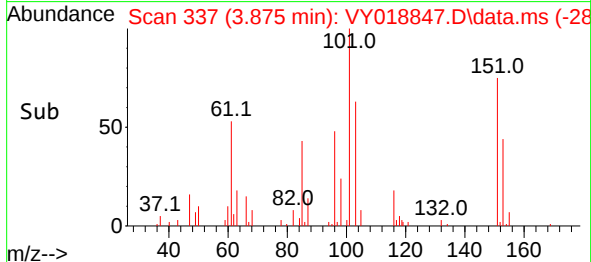
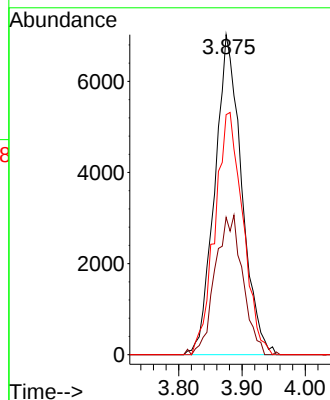
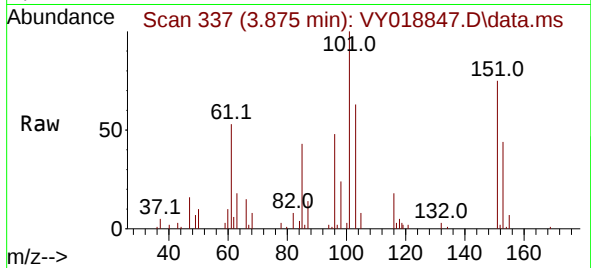




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.241 ug/l  
RT: 3.875 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

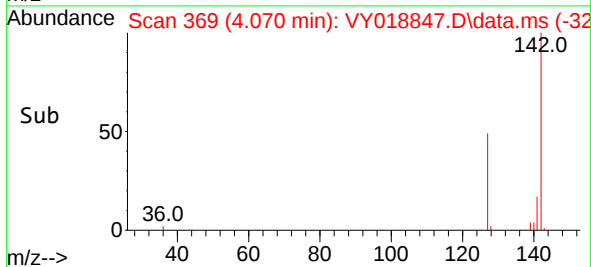
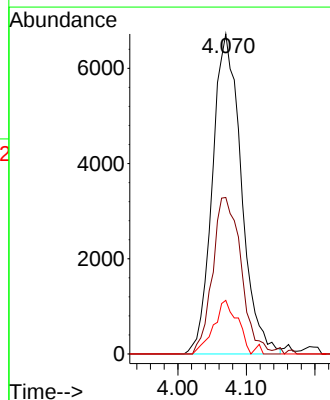
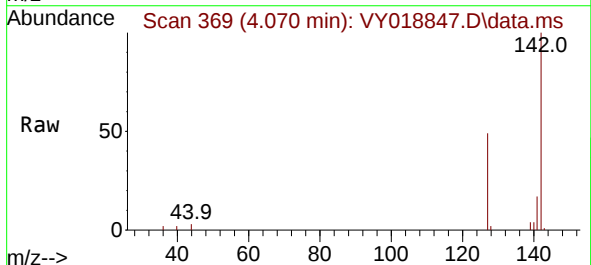
Instrument :  
MSVOA\_Y  
ClientSampleId :

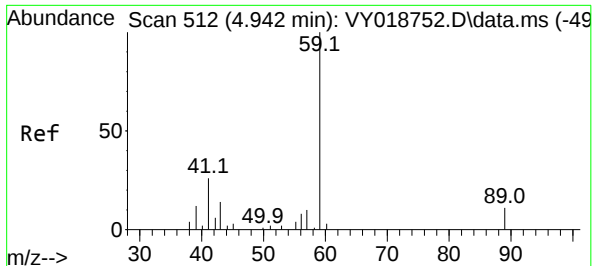
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 20696       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 44.9  | 34.5 51.7   |
| 151         | 79.0  | 61.7 92.5   |



#10  
Methyl Iodide  
Concen: 17.818 ug/l  
RT: 4.070 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 19618       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 48.3  | 32.8 49.2   |
| 141         | 13.9  | 11.4 17.2   |





#11

Tert butyl alcohol

Concen: 32.031 ug/l

RT: 4.905 min Scan# 50

Delta R.T. -0.037 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

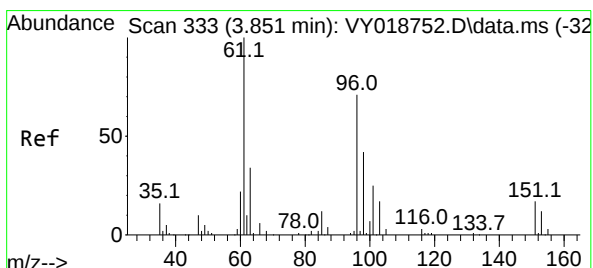
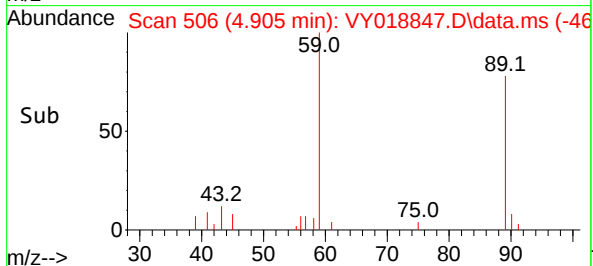
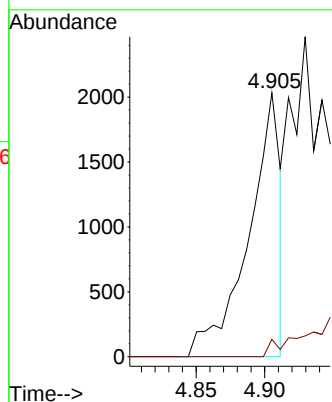
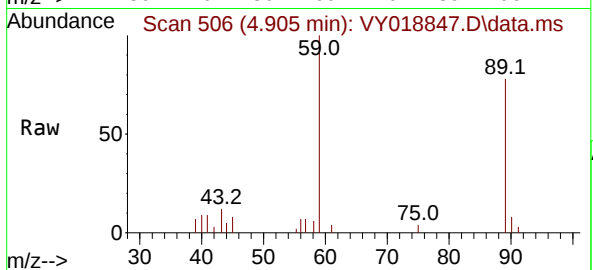
ClientSampleId :

Tgt Ion: 59 Resp: 3269

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.709 ug/l

RT: 3.844 min Scan# 332

Delta R.T. -0.007 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

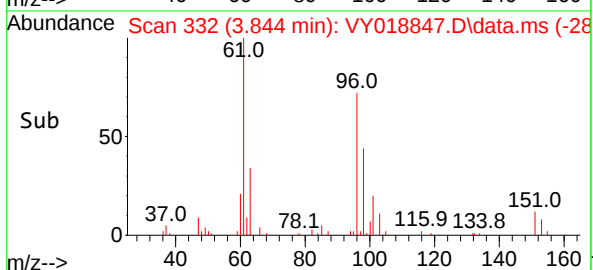
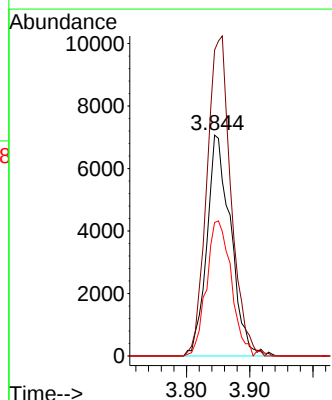
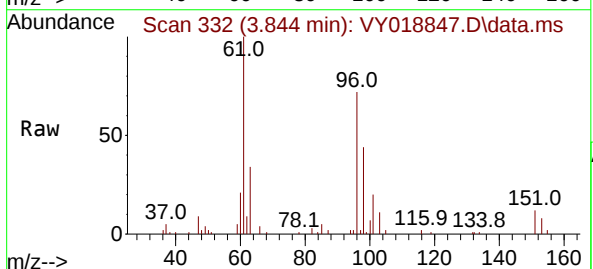
Tgt Ion: 96 Resp: 18506

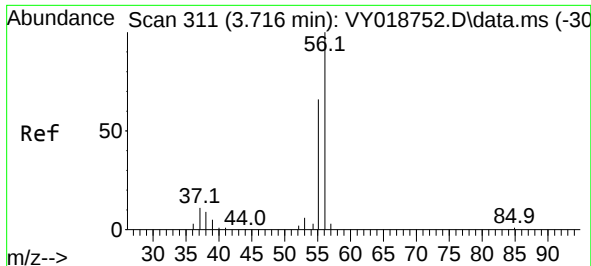
Ion Ratio Lower Upper

96 100

61 138.5 114.6 171.8

98 60.4 50.8 76.2





#13

Acrolein

Concen: 74.089 ug/l

RT: 3.710 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

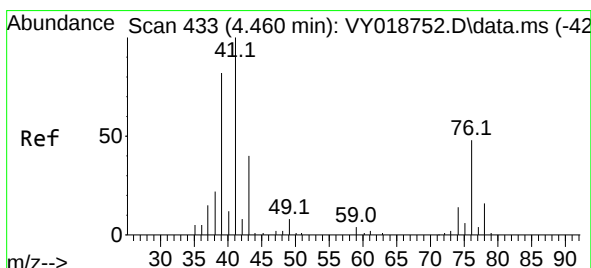
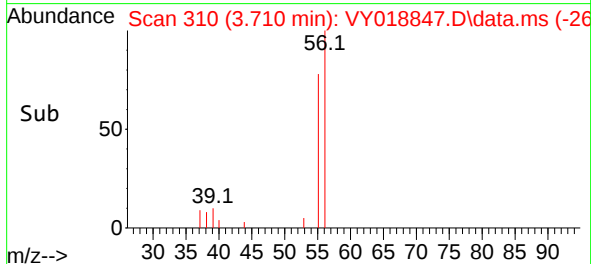
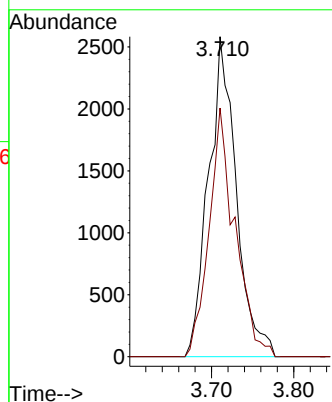
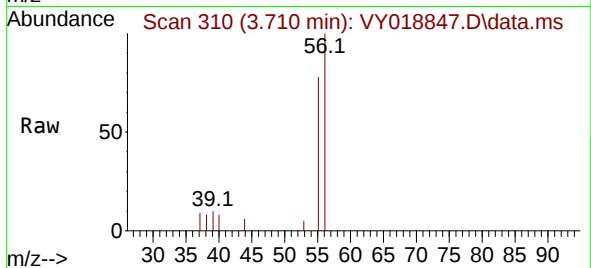
ClientSampleId :

Tgt Ion: 56 Resp: 6058

Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5



#14

Allyl chloride

Concen: 18.286 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

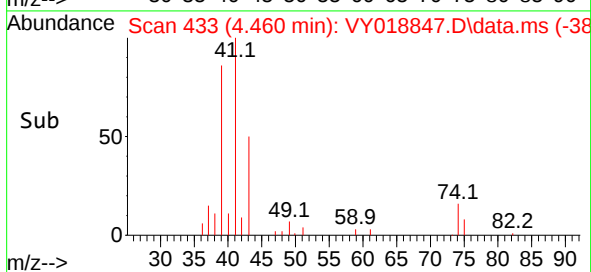
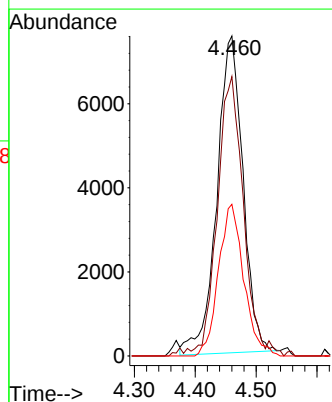
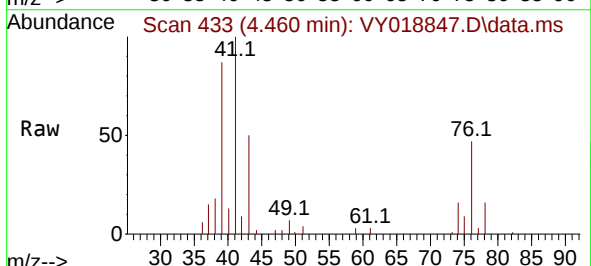
Tgt Ion: 41 Resp: 22408

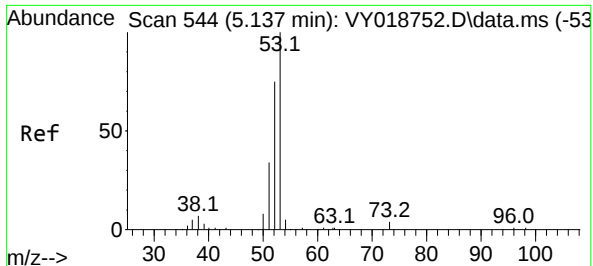
Ion Ratio Lower Upper

41 100

39 88.3 58.3 87.5#

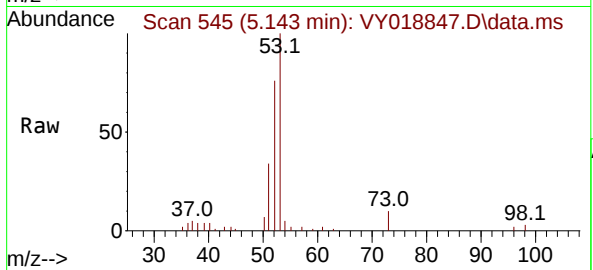
76 46.4 39.0 58.6



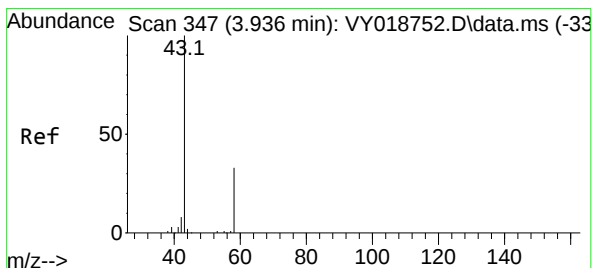
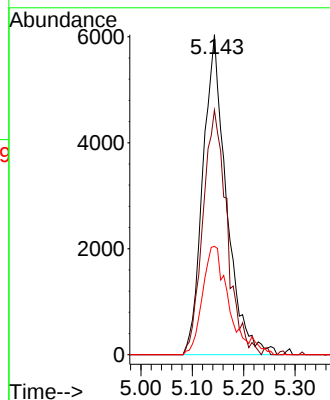
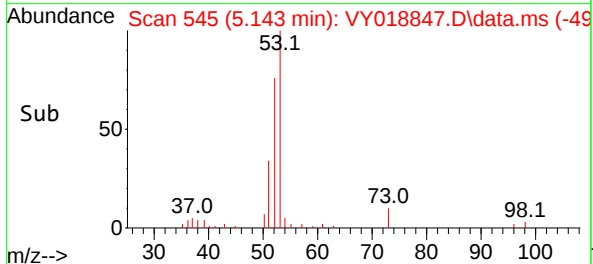


#15  
Acrylonitrile  
Concen: 100.358 ug/l  
RT: 5.143 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

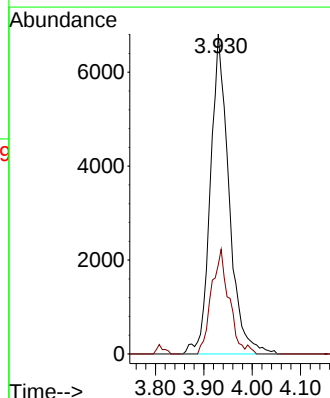
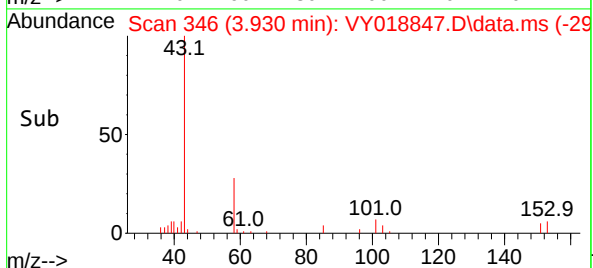
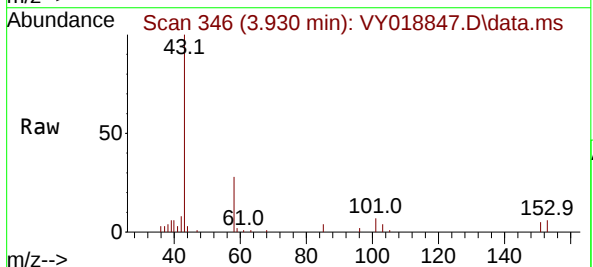


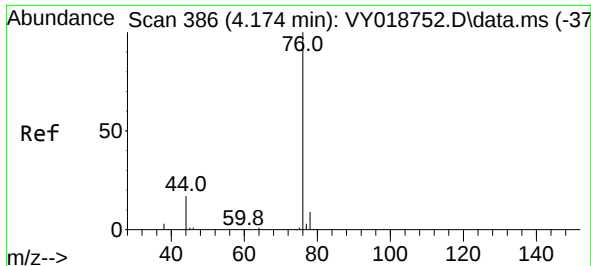
Tgt Ion: 53 Resp: 19230  
Ion Ratio Lower Upper  
53 100  
52 78.0 64.7 97.1  
51 36.2 28.4 42.6



#16  
Acetone  
Concen: 98.026 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 43 Resp: 18207  
Ion Ratio Lower Upper  
43 100  
58 27.9 31.7 47.5#

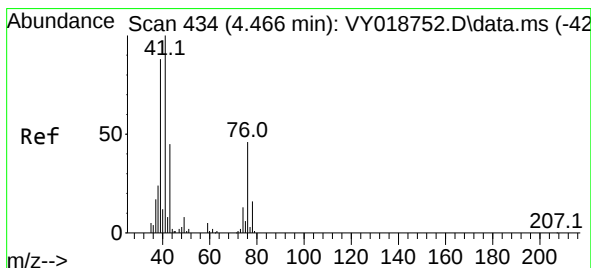
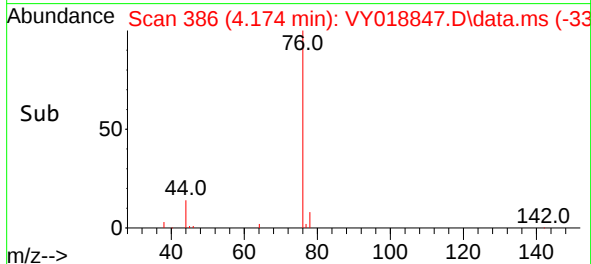
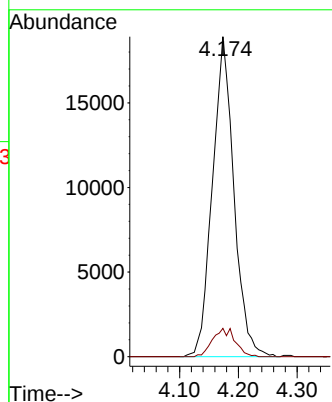
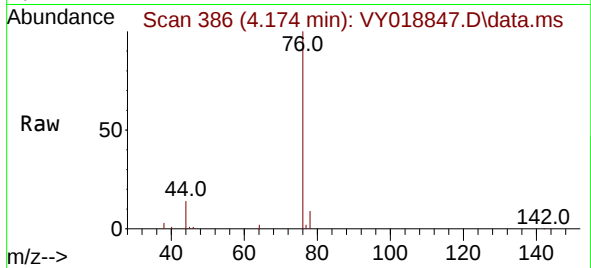




#17  
Carbon Disulfide  
Concen: 17.316 ug/l  
RT: 4.174 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

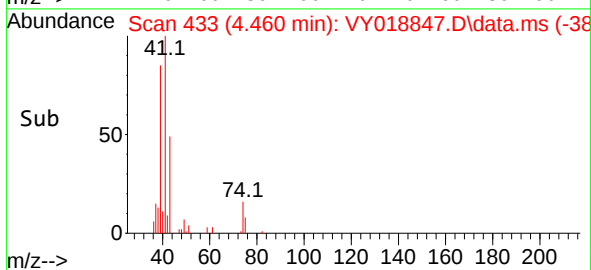
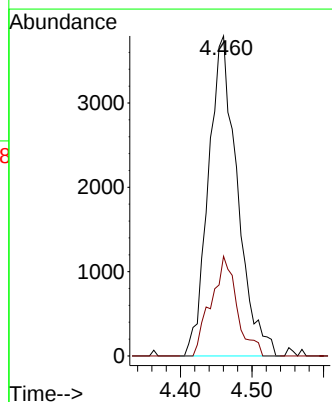
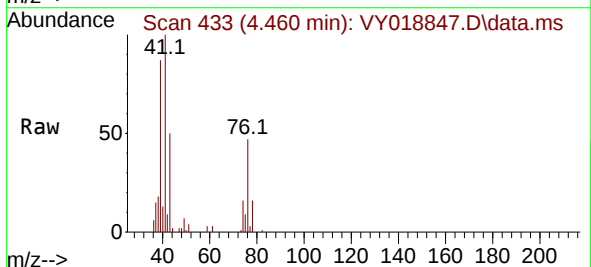
Instrument :  
MSVOA\_Y  
ClientSampleId :

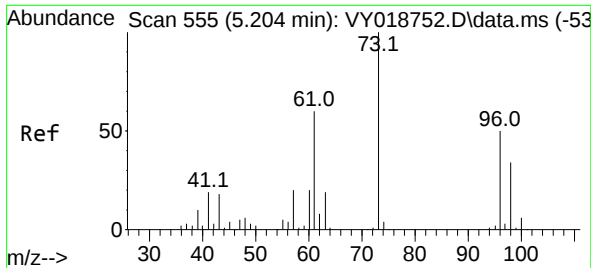
Tgt Ion: 76 Resp: 47960  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.8 10.2



#18  
Methyl Acetate  
Concen: 19.728 ug/l  
RT: 4.460 min Scan# 433  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 43 Resp: 10647  
Ion Ratio Lower Upper  
43 100  
74 27.9 23.3 34.9

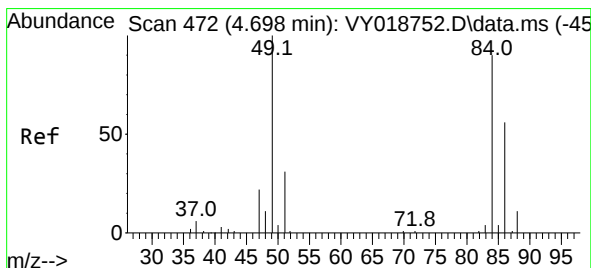
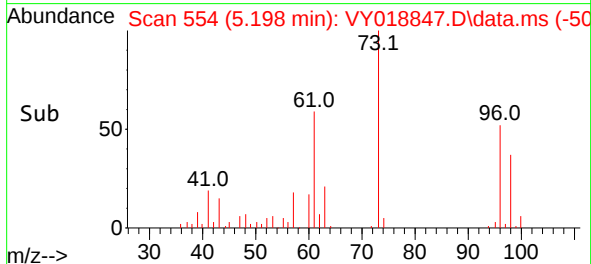
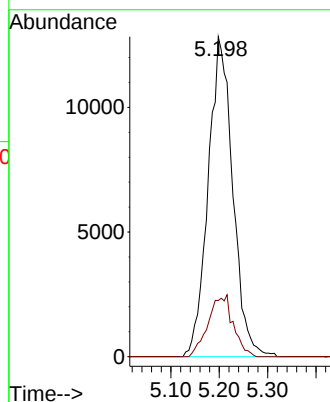
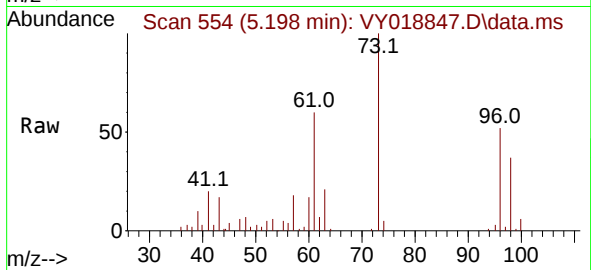




#19  
Methyl tert-butyl Ether  
Concen: 19.756 ug/l  
RT: 5.198 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

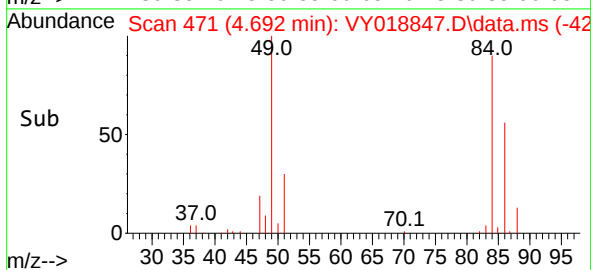
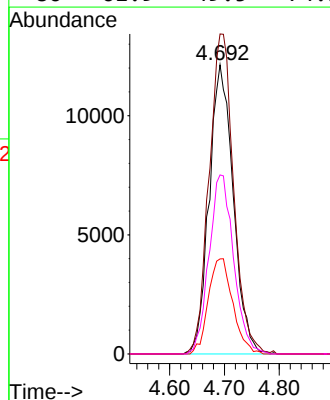
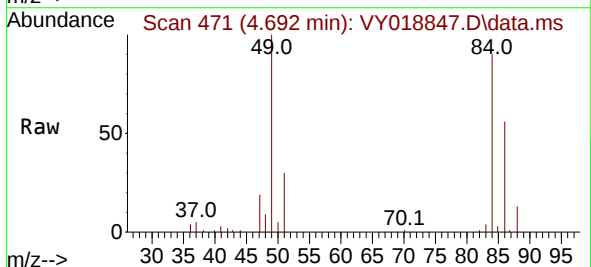
Instrument :  
MSVOA\_Y  
ClientSampleId :

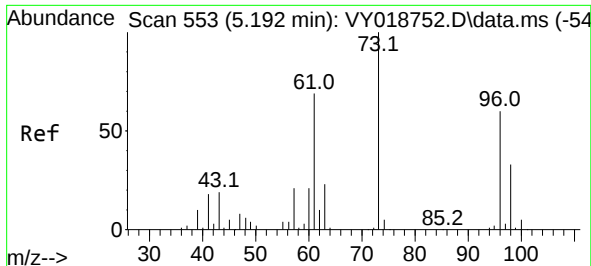
Tgt Ion: 73 Resp: 45332  
Ion Ratio Lower Upper  
73 100  
57 17.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 33.485 ug/l  
RT: 4.692 min Scan# 471  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

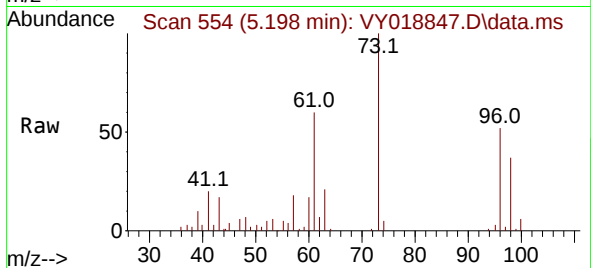
Tgt Ion: 84 Resp: 36947  
Ion Ratio Lower Upper  
84 100  
49 110.7 84.4 126.6  
51 32.9 26.0 39.0  
86 61.9 49.5 74.3



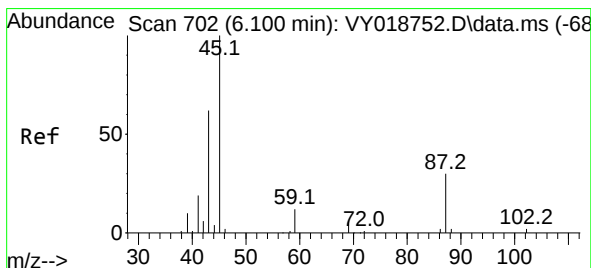
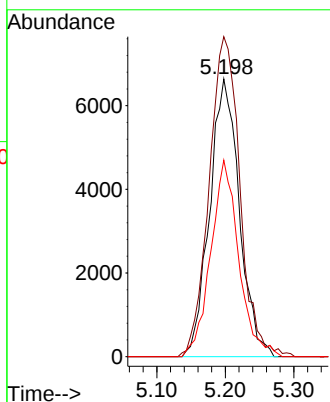
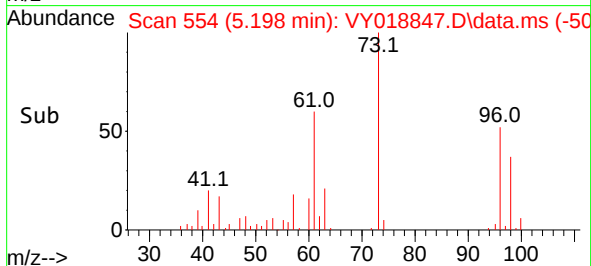


#21  
trans-1,2-Dichloroethene  
Concen: 19.111 ug/l  
RT: 5.198 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

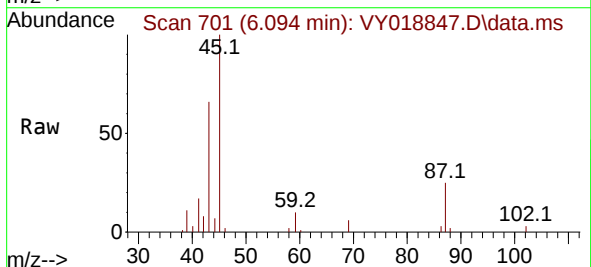
Instrument :  
MSVOA\_Y  
ClientSampleId :



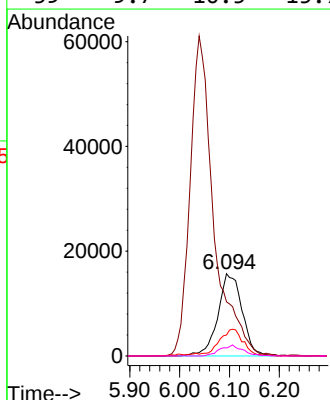
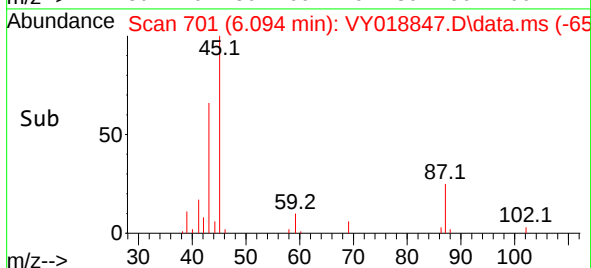
Tgt Ion: 96 Resp: 19951  
Ion Ratio Lower Upper  
96 100  
61 115.2 97.5 146.3  
98 70.7 50.5 75.7

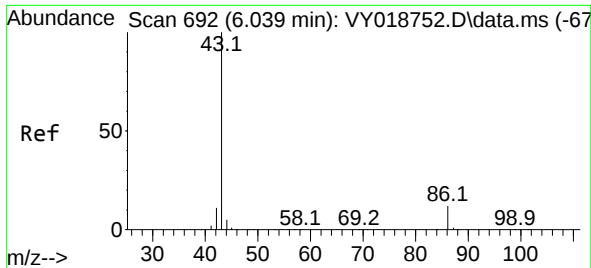


#22  
Diisopropyl ether  
Concen: 19.861 ug/l  
RT: 6.094 min Scan# 701  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15



Tgt Ion: 45 Resp: 52940  
Ion Ratio Lower Upper  
45 100  
43 65.1 42.2 63.2#  
87 25.5 25.0 37.6  
59 9.7 10.5 15.7#

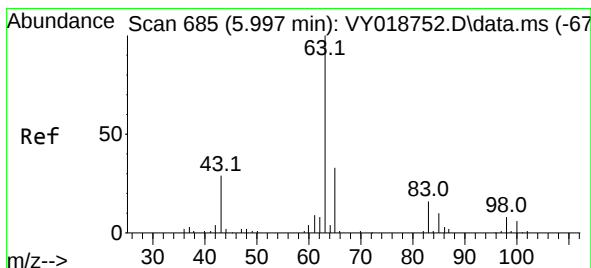
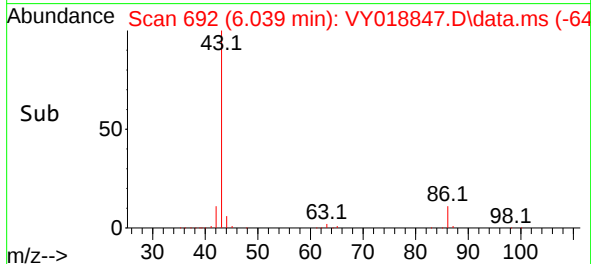
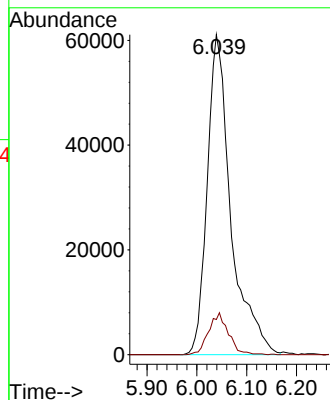
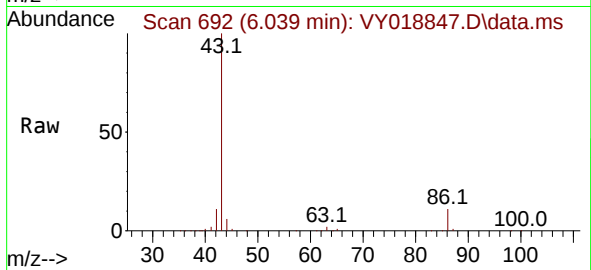




#23  
Vinyl Acetate  
Concen: 95.936 ug/l  
RT: 6.039 min Scan# 692  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

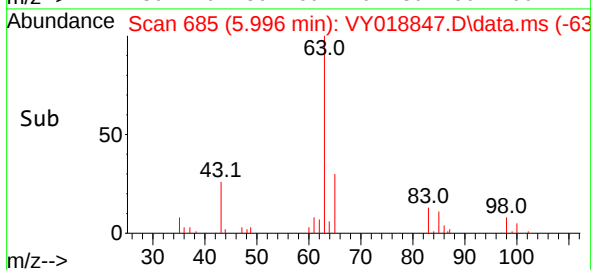
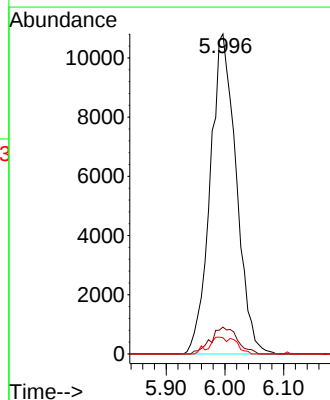
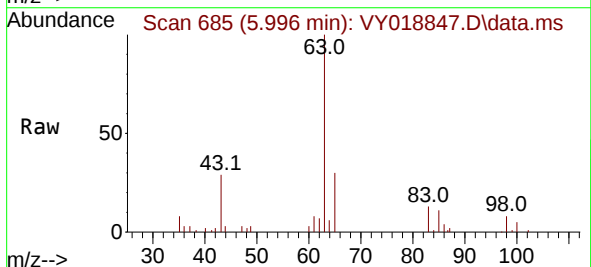
Instrument :  
MSVOA\_Y  
ClientSampleId :

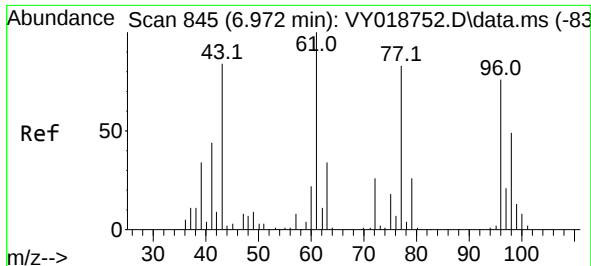
Tgt Ion: 43 Resp: 201467  
Ion Ratio Lower Upper  
43 100  
86 11.0 10.6 16.0



#24  
1,1-Dichloroethane  
Concen: 19.522 ug/l  
RT: 5.996 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 63 Resp: 33224  
Ion Ratio Lower Upper  
63 100  
98 8.4 4.0 12.2  
100 5.1 2.6 8.0





#25

2-Butanone

Concen: 98.455 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

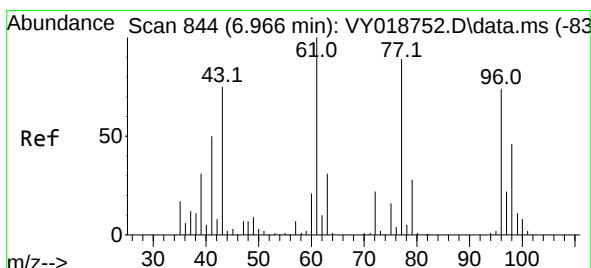
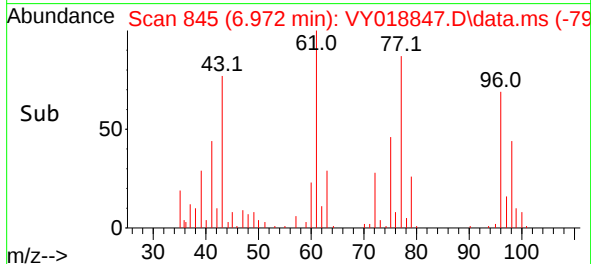
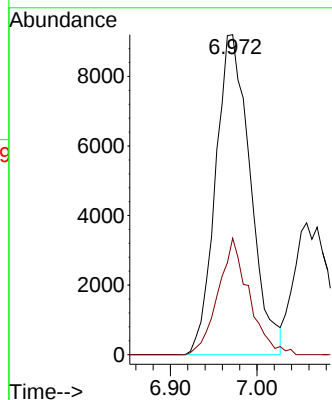
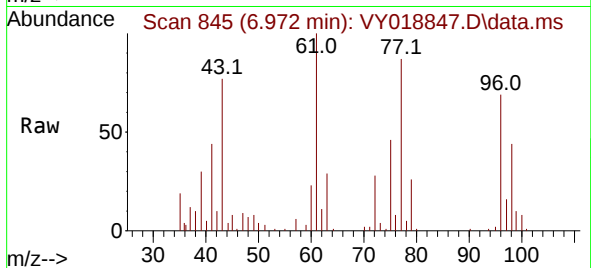
ClientSampleId :

Tgt Ion: 43 Resp: 25633

Ion Ratio Lower Upper

43 100

72 36.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.977 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018847.D

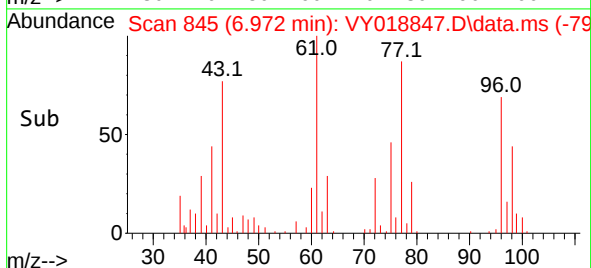
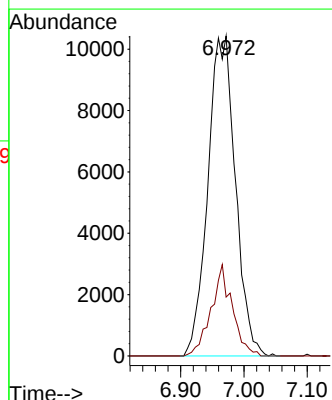
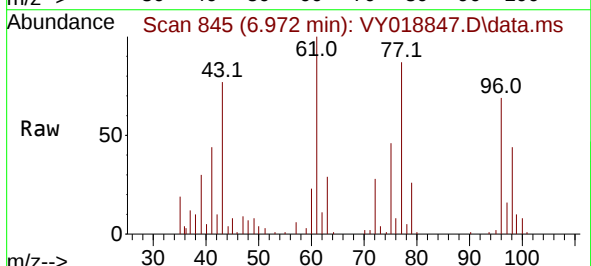
Acq: 17 Jul 2024 15:15

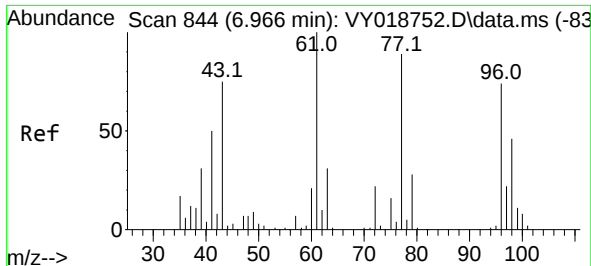
Tgt Ion: 77 Resp: 31546

Ion Ratio Lower Upper

77 100

97 22.0 12.0 36.1

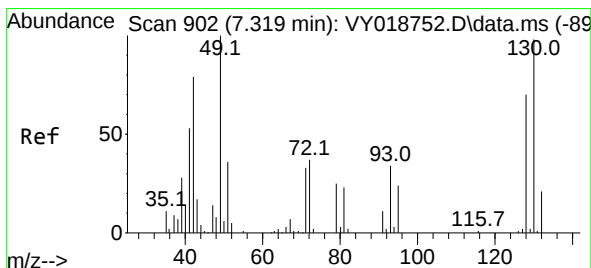
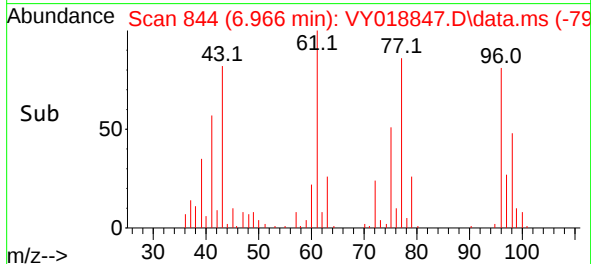
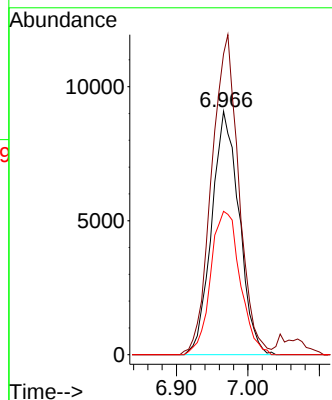
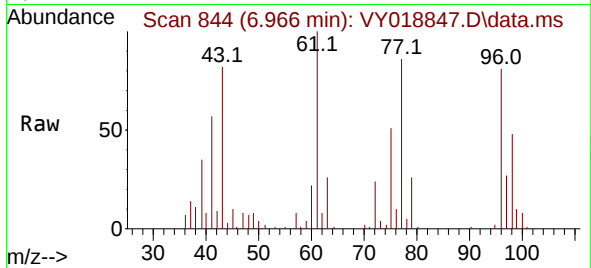




#27  
cis-1,2-Dichloroethene  
Concen: 19.885 ug/l  
RT: 6.966 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

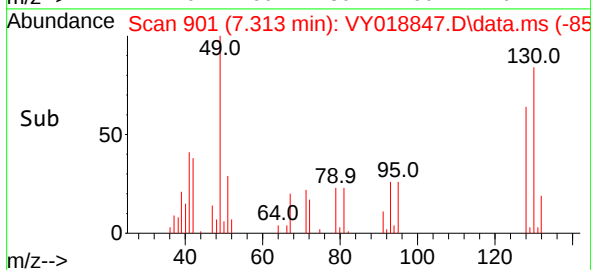
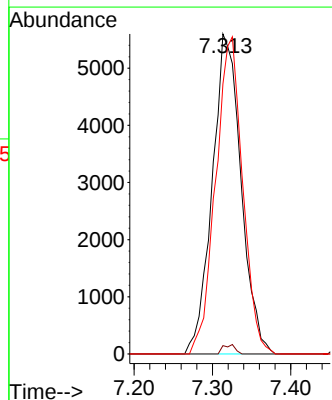
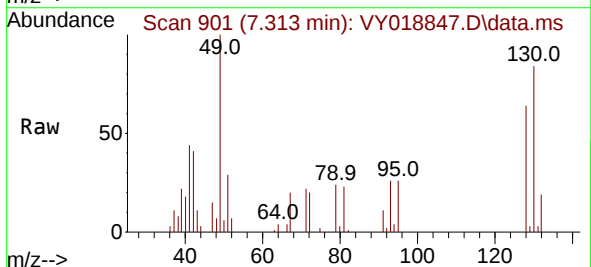
Instrument :  
MSVOA\_Y  
ClientSampleId :

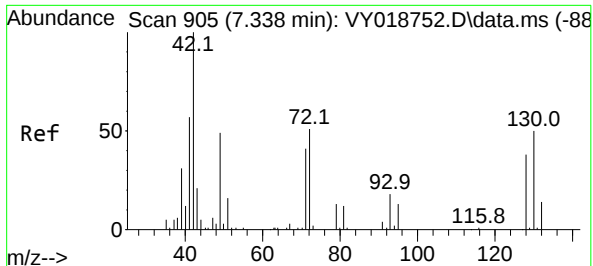
Tgt Ion: 96 Resp: 24169  
Ion Ratio Lower Upper  
96 100  
61 130.6 0.0 256.2  
98 63.3 0.0 130.0



#28  
Bromochloromethane  
Concen: 20.927 ug/l  
RT: 7.313 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

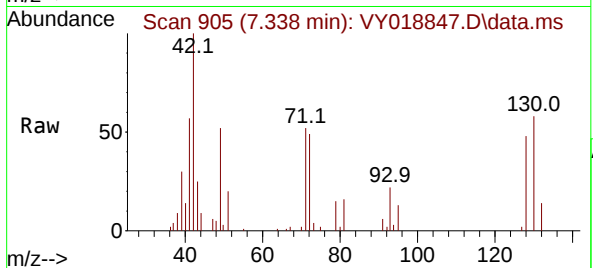
Tgt Ion: 49 Resp: 14305  
Ion Ratio Lower Upper  
49 100  
129 1.2 0.0 4.6  
130 93.0 72.7 109.1



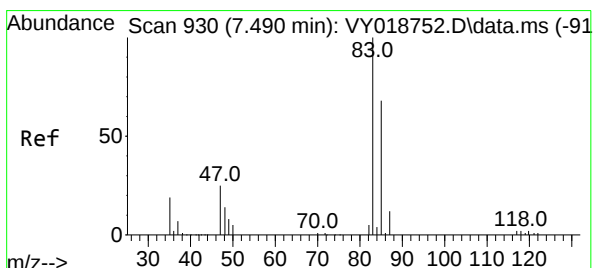
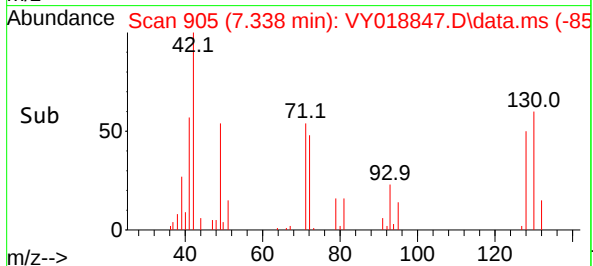
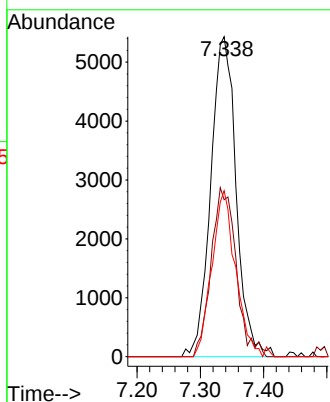


#29  
Tetrahydrofuran  
Concen: 95.006 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

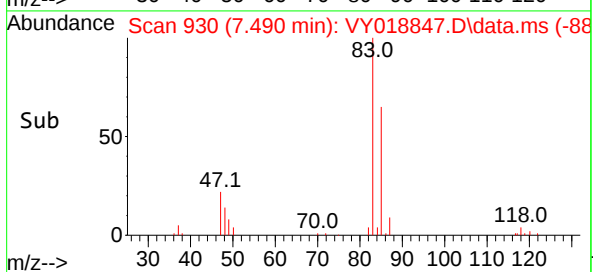
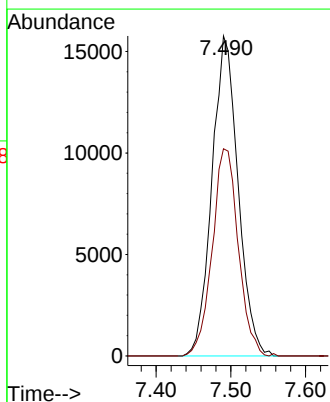
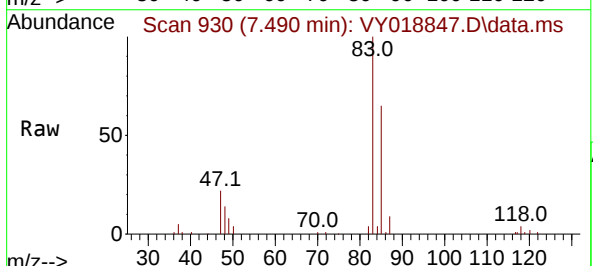


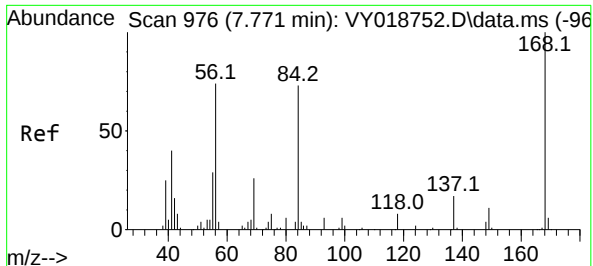
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 15164 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 51.8  | 43.0  | 64.4  |
| 71       | 48.3  | 40.8  | 61.2  |



#30  
Chloroform  
Concen: 20.172 ug/l  
RT: 7.490 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

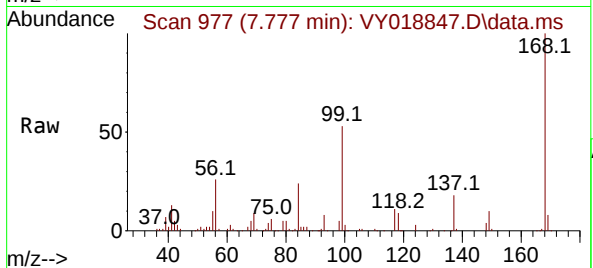
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 38261 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.7  | 52.2  | 78.4  |



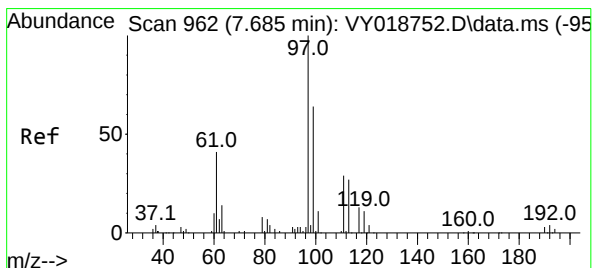
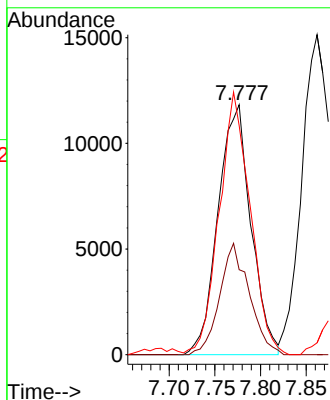
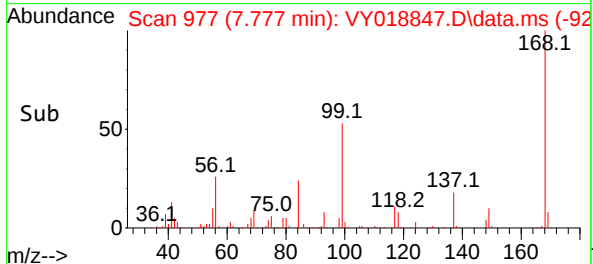


#31  
Cyclohexane  
Concen: 19.147 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

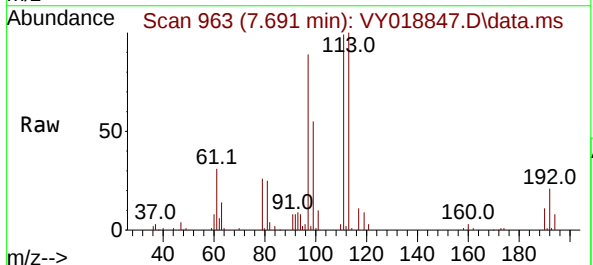
Instrument :  
MSVOA\_Y  
ClientSampleId :



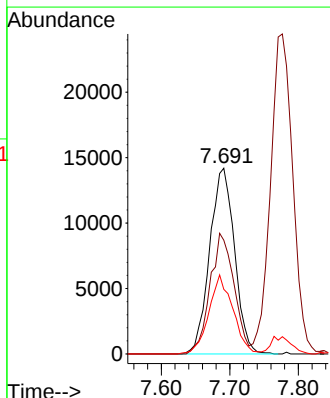
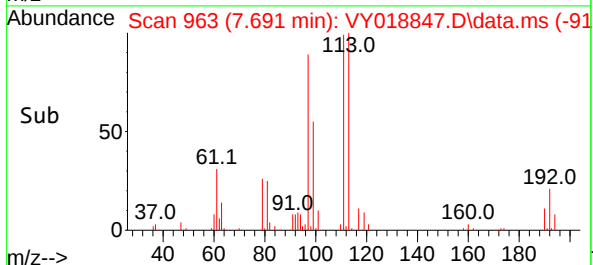
Tgt Ion: 56 Resp: 29636  
Ion Ratio Lower Upper  
56 100  
69 34.0 28.7 43.1  
84 90.3 77.7 116.5

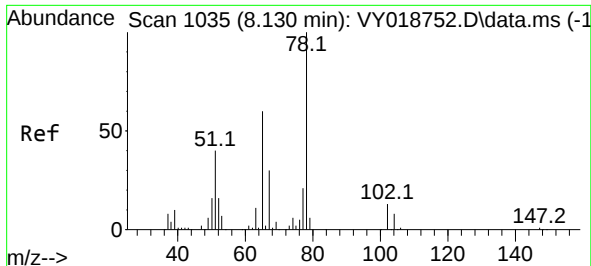


#32  
1,1,1-Trichloroethane  
Concen: 20.268 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15



Tgt Ion: 97 Resp: 35749  
Ion Ratio Lower Upper  
97 100  
99 62.5 50.3 75.5  
61 41.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.526 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

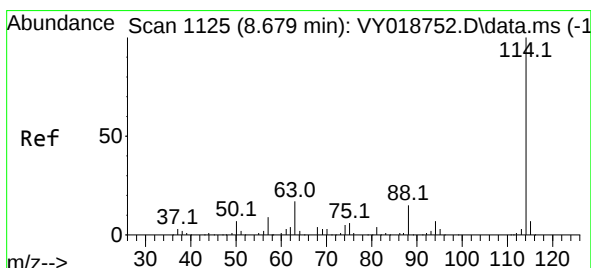
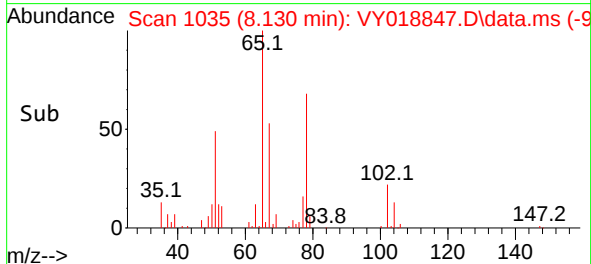
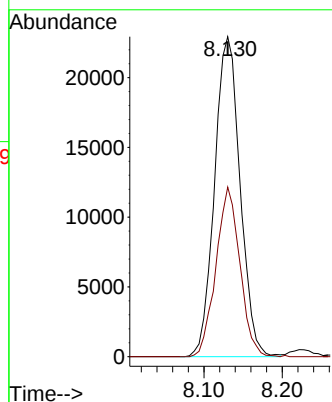
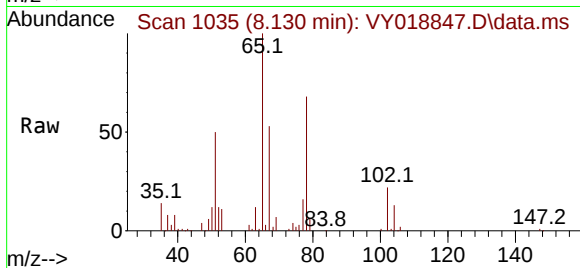
ClientSampleId :

Tgt Ion: 65 Resp: 51910

Ion Ratio Lower Upper

65 100

67 49.7 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: VY018847.D

Acq: 17 Jul 2024 15:15

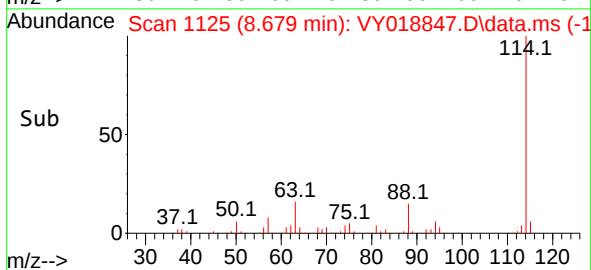
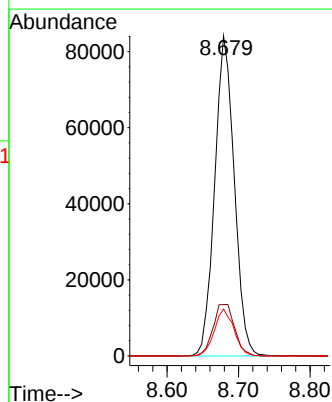
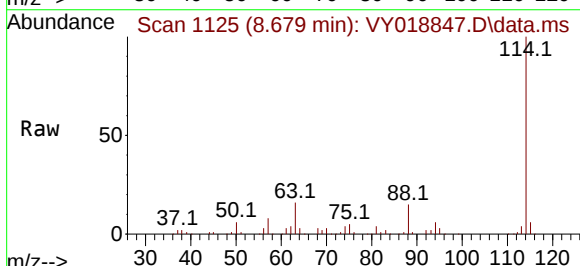
Tgt Ion: 114 Resp: 159867

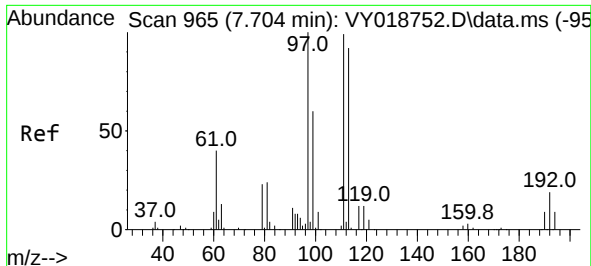
Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

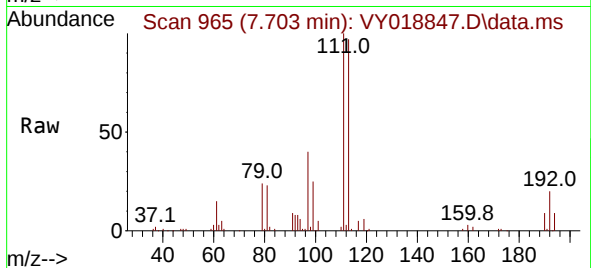
88 14.7 0.0 27.2



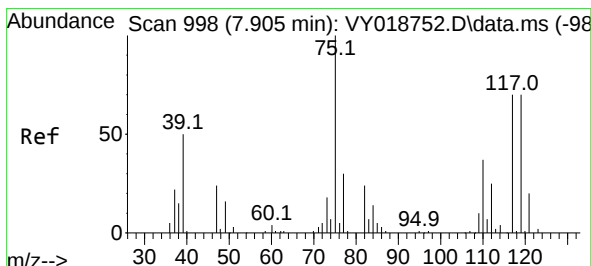
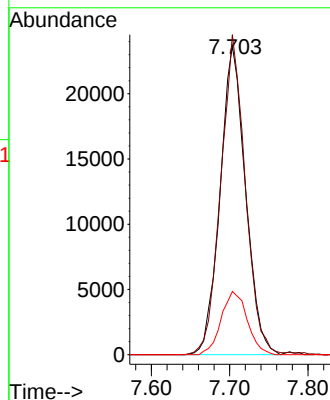
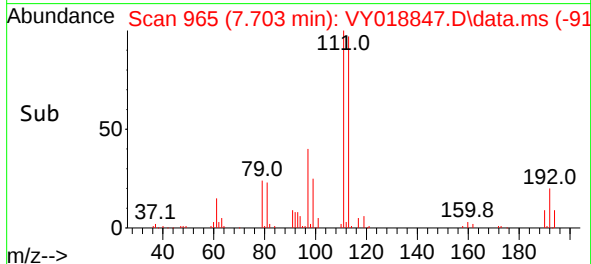


#35  
Dibromofluoromethane  
Concen: 53.343 ug/l  
RT: 7.703 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

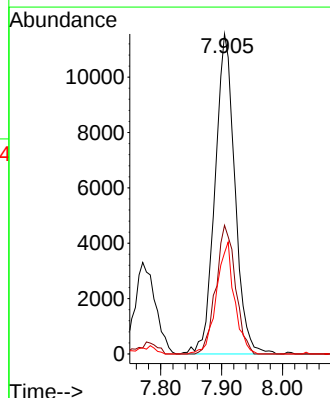
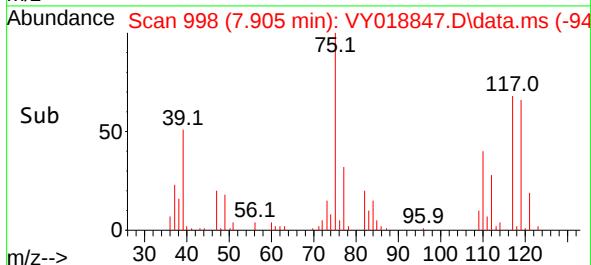
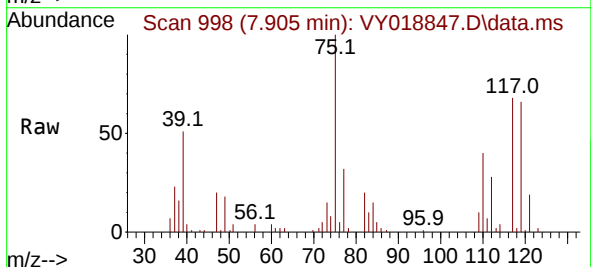


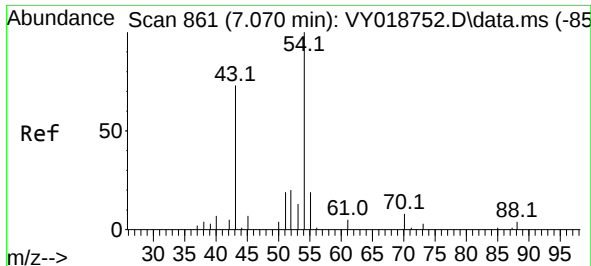
Tgt Ion:113 Resp: 53411  
Ion Ratio Lower Upper  
113 100  
111 100.4 82.2 123.4  
192 21.0 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 18.957 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 75 Resp: 26195  
Ion Ratio Lower Upper  
75 100  
110 39.6 19.0 57.0  
77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 19.625 ug/l

RT: 7.057 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

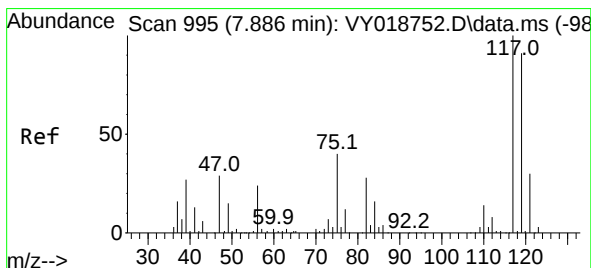
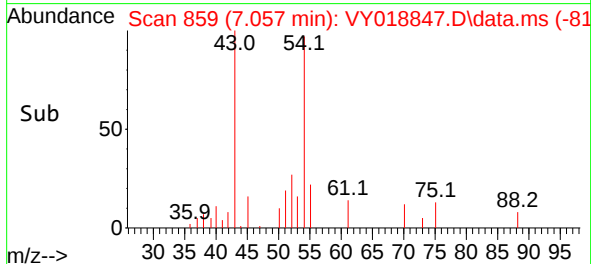
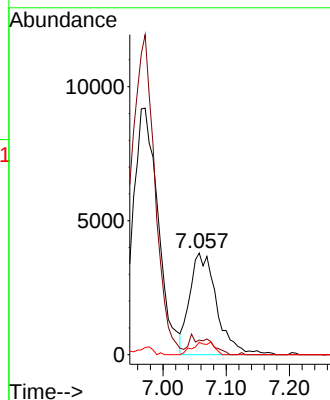
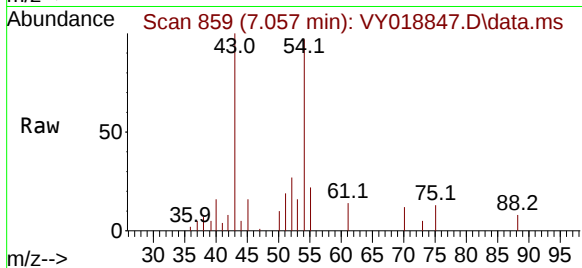
Tgt Ion: 43 Resp: 11272

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.330 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

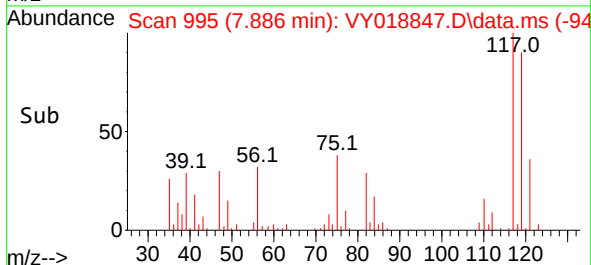
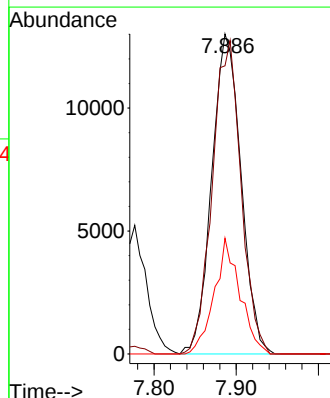
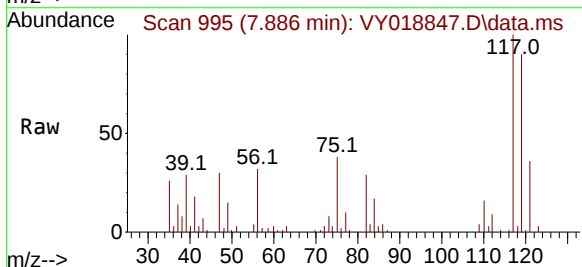
Tgt Ion: 117 Resp: 32171

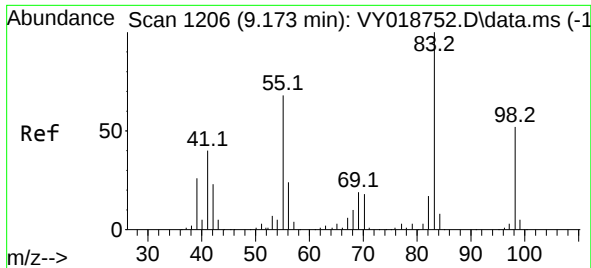
Ion Ratio Lower Upper

117 100

119 90.0 75.8 113.6

121 36.2 24.0 36.0#

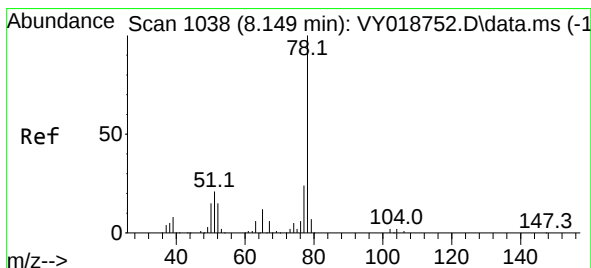
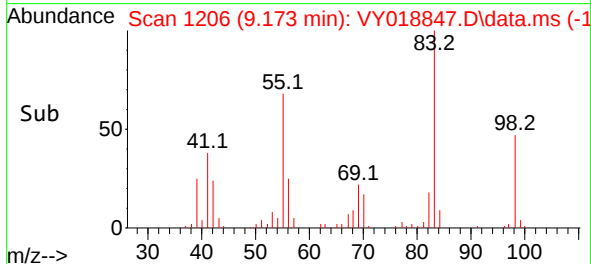
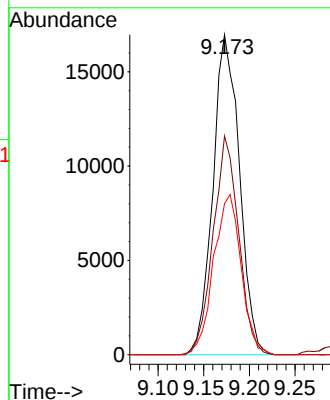
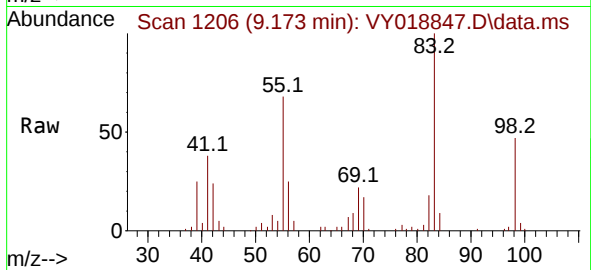




#39  
Methylcyclohexane  
Concen: 19.363 ug/l  
RT: 9.173 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

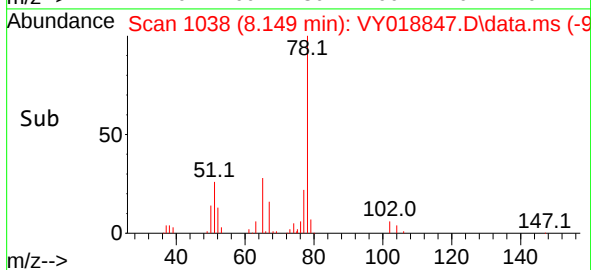
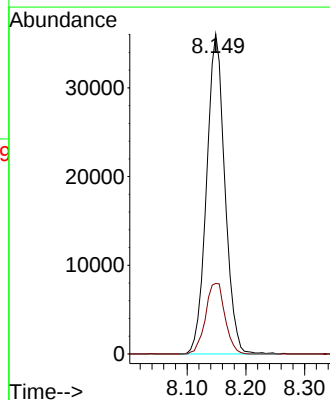
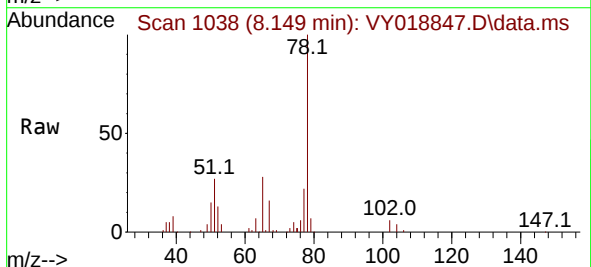
Instrument :  
MSVOA\_Y  
ClientSampleId :

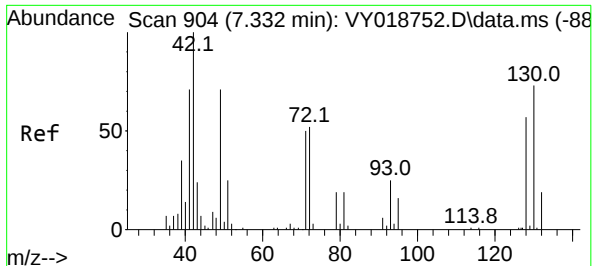
Tgt Ion: 83 Resp: 34288  
Ion Ratio Lower Upper  
83 100  
55 68.4 51.5 77.3  
98 47.2 40.5 60.7



#40  
Benzene  
Concen: 19.470 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

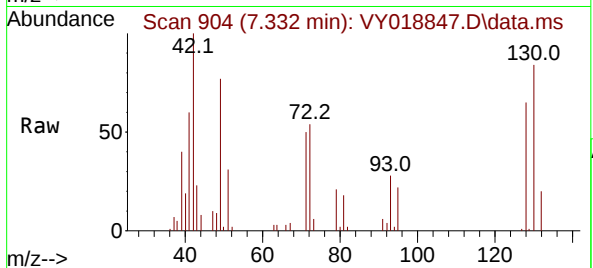
Tgt Ion: 78 Resp: 78046  
Ion Ratio Lower Upper  
78 100  
77 22.1 19.5 29.3



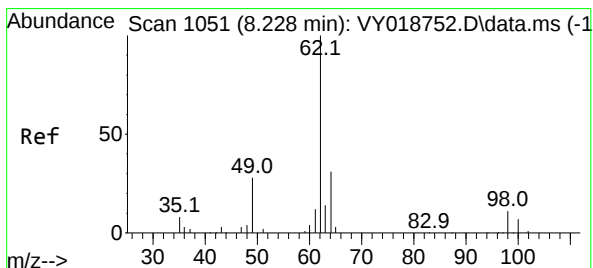
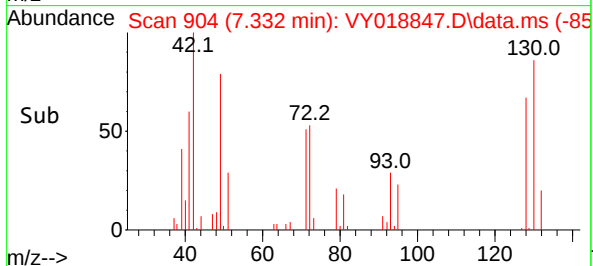
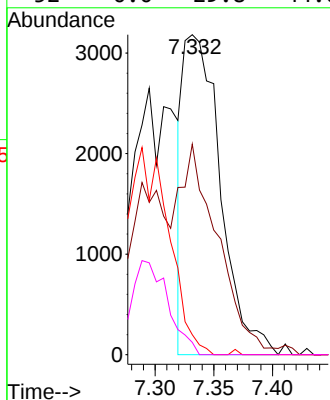


#41  
Methacrylonitrile  
Concen: 21.438 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

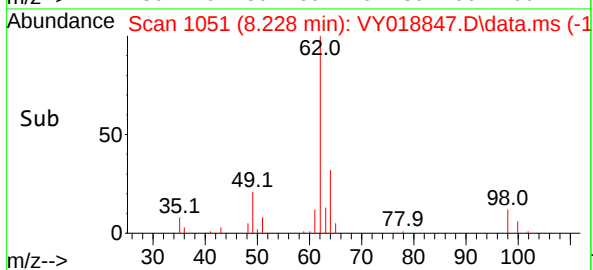
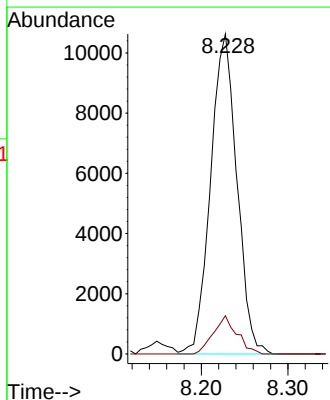
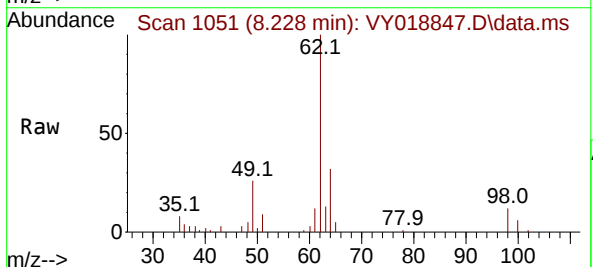


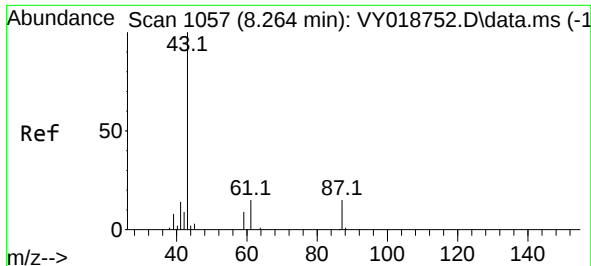
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 7020   |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 65.0  | 48.0  | 72.0   |
| 67       | 0.0   | 75.1  | 112.7# |
| 52       | 0.0   | 29.8  | 44.6#  |



#42  
1,2-Dichloroethane  
Concen: 19.997 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 22443 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.7  | 0.0   | 22.0  |

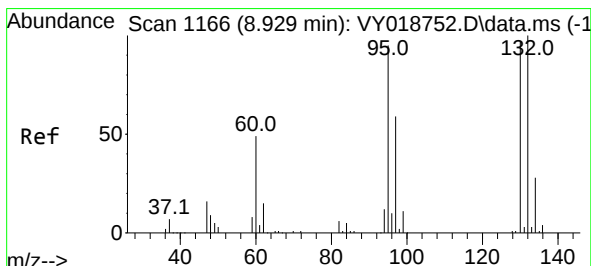
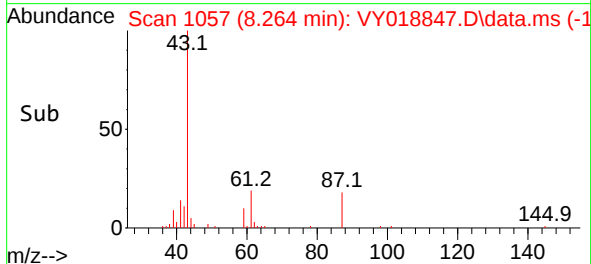
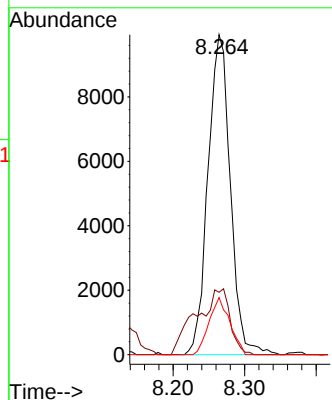
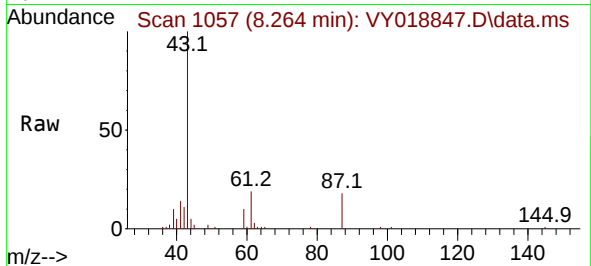




#43  
Isopropyl Acetate  
Concen: 18.869 ug/l  
RT: 8.264 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

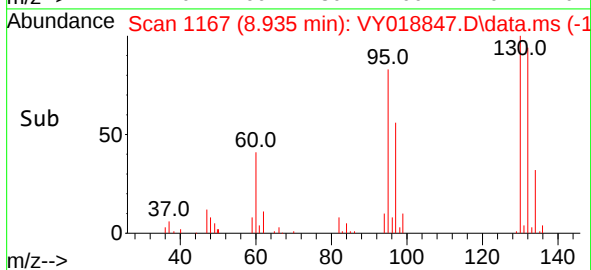
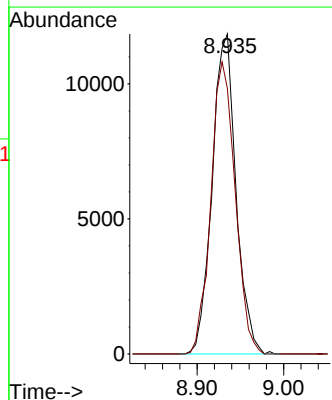
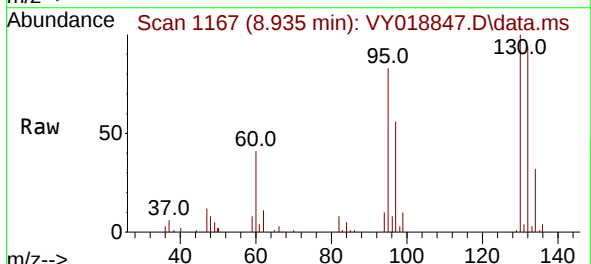
Instrument :  
MSVOA\_Y  
ClientSampleId :

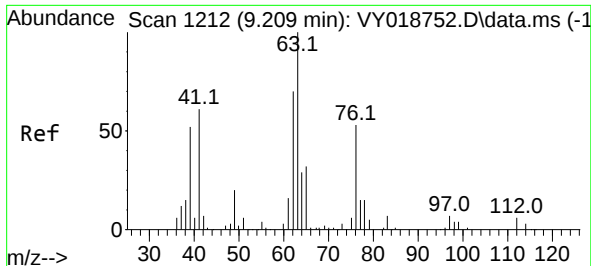
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 21565 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 31.1  | 27.9  | 41.9  |
| 87       | 16.6  | 13.1  | 19.7  |



#44  
Trichloroethene  
Concen: 19.803 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 22691 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 82.9  | 0.0   | 188.0 |





#45

1,2-Dichloropropane

Concen: 19.866 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

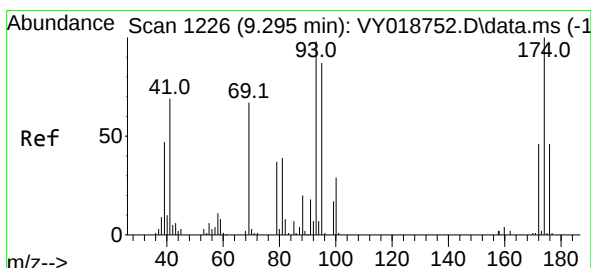
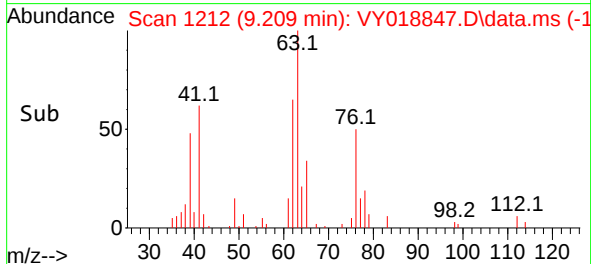
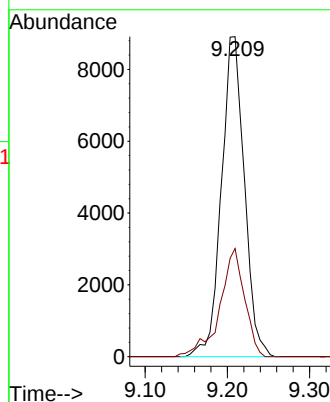
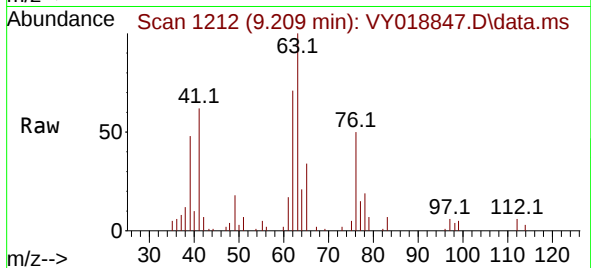
ClientSampleId :

Tgt Ion: 63 Resp: 17341

Ion Ratio Lower Upper

63 100

65 33.8 25.4 38.2



#46

Dibromomethane

Concen: 19.832 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

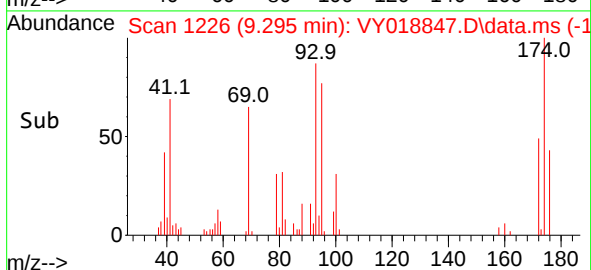
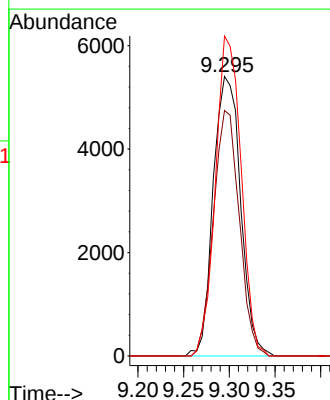
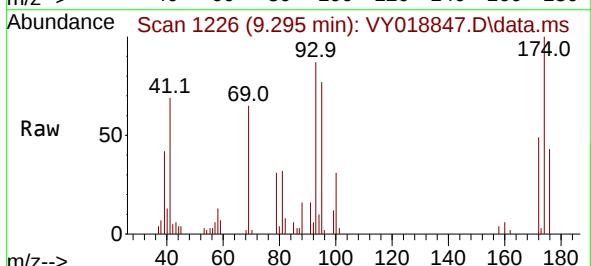
Tgt Ion: 93 Resp: 11221

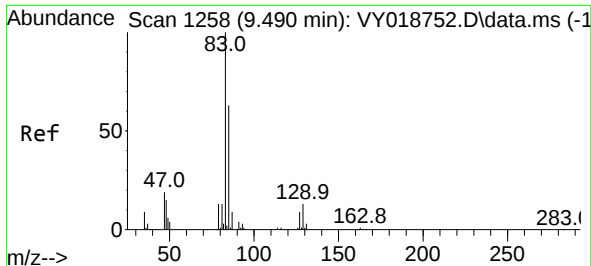
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 107.5 80.9 121.3

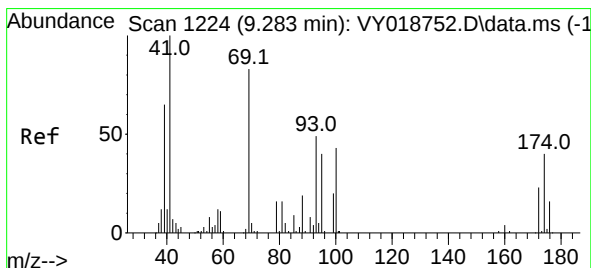
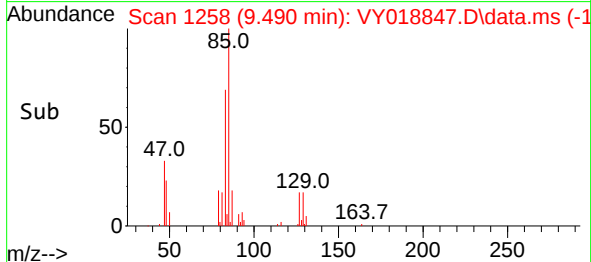
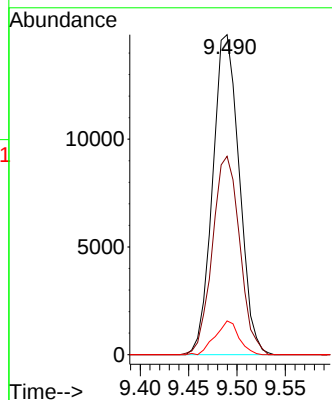
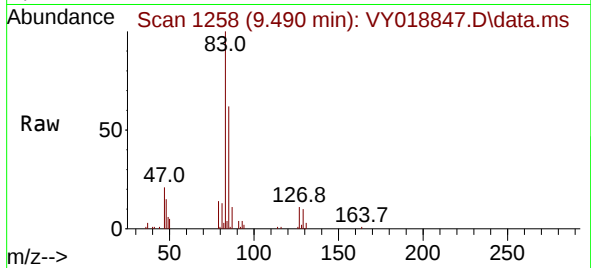




#47  
Bromodichloromethane  
Concen: 20.095 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

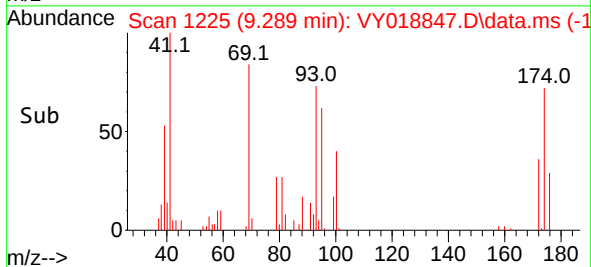
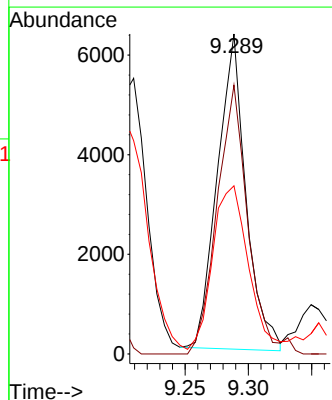
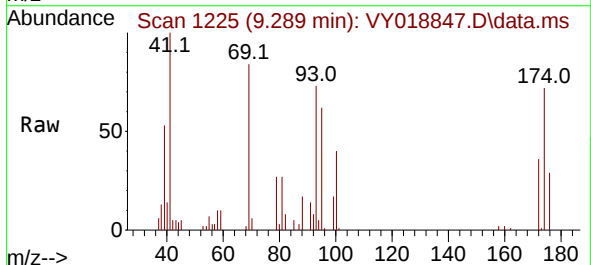
Instrument :  
MSVOA\_Y  
ClientSampleId :

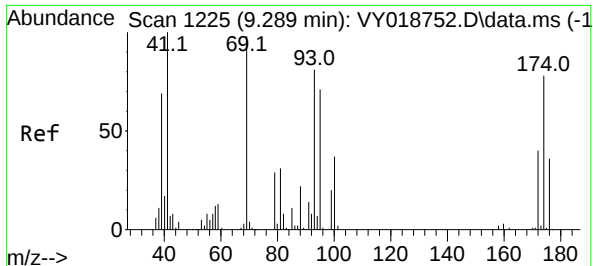
Tgt Ion: 83 Resp: 28404  
Ion Ratio Lower Upper  
83 100  
85 62.0 50.1 75.1  
127 10.5 7.4 11.0



#48  
Methyl methacrylate  
Concen: 19.094 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 41 Resp: 9919  
Ion Ratio Lower Upper  
41 100  
69 92.1 84.1 126.1  
39 65.1 43.6 65.4





#49

1,4-Dioxane

Concen: 381.612 ug/l

RT: 9.282 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

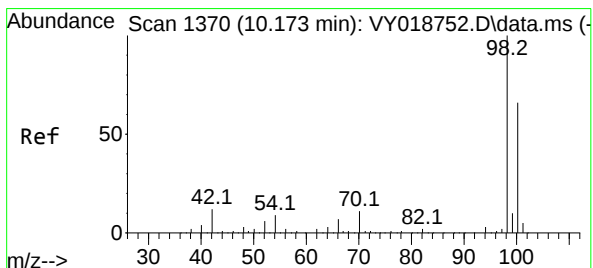
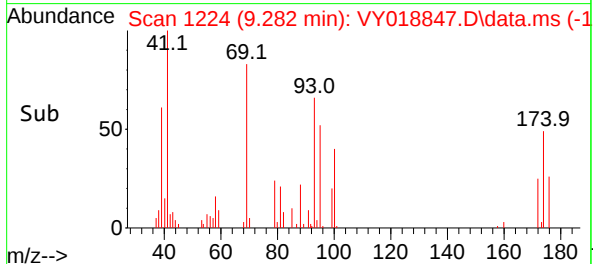
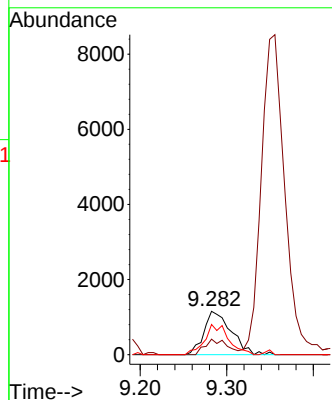
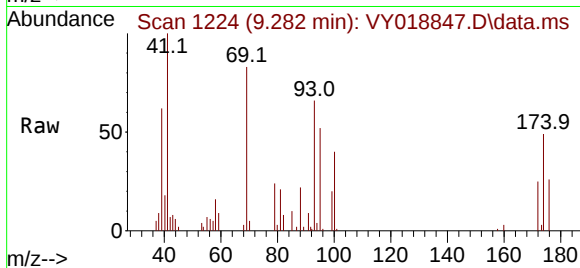
Tgt Ion: 88 Resp: 2531

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 60.9 49.3 73.9



#50

Toluene-d8

Concen: 50.959 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018847.D

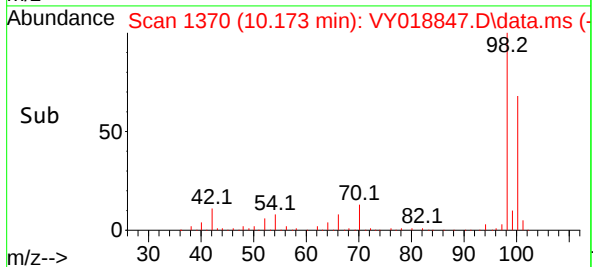
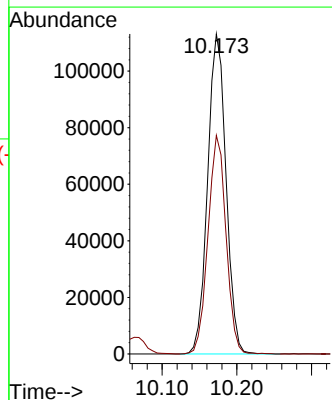
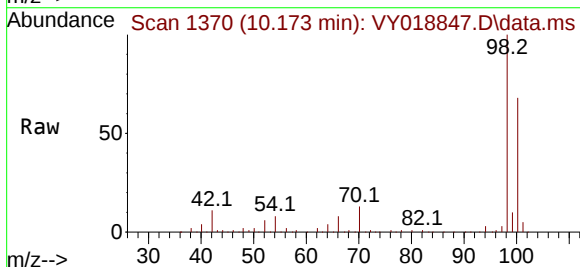
Acq: 17 Jul 2024 15:15

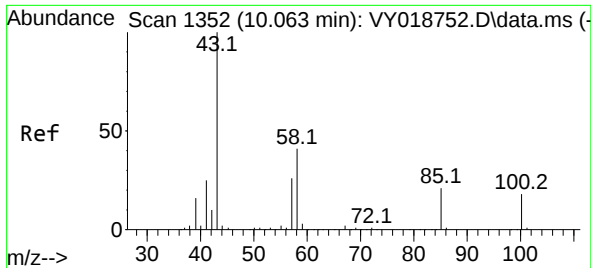
Tgt Ion: 98 Resp: 193310

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

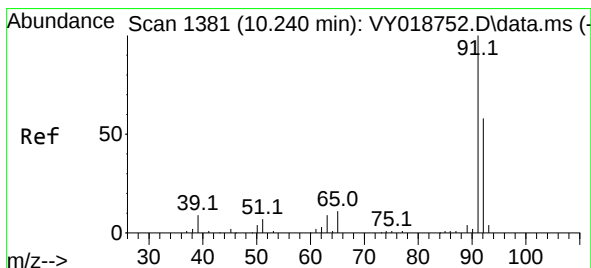
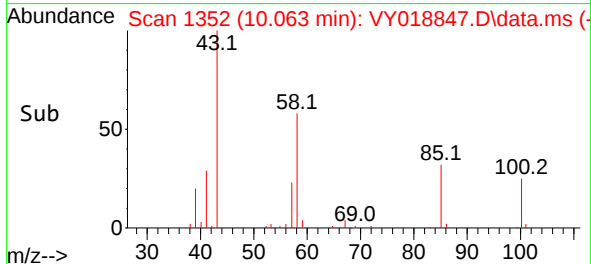
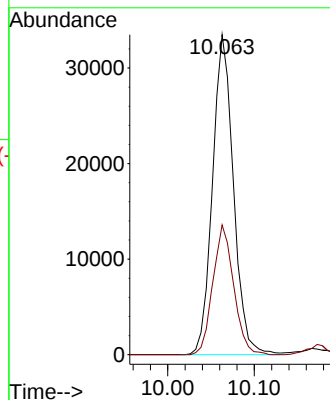
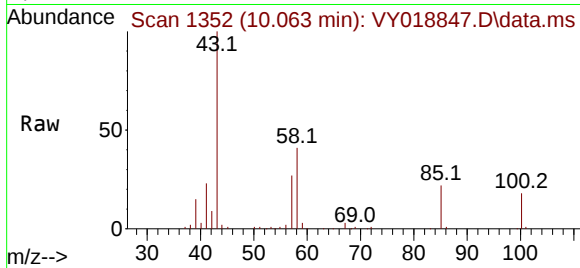




#51  
4-Methyl-2-Pentanone  
Concen: 96.332 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

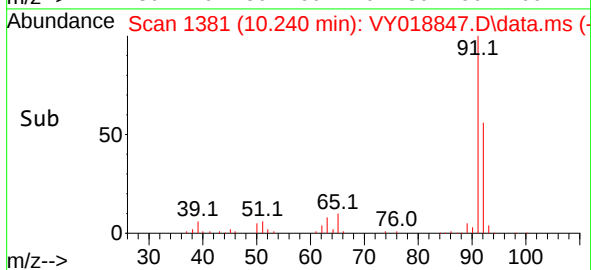
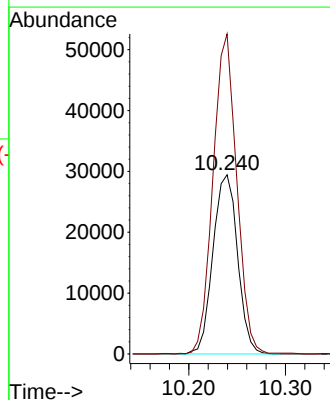
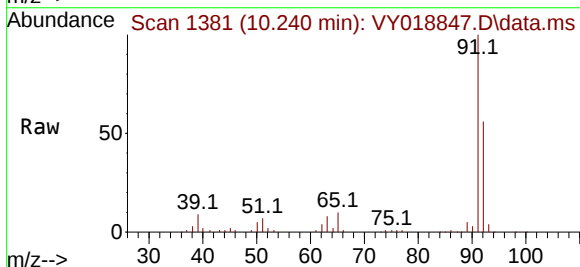
Instrument :  
MSVOA\_Y  
ClientSampleId :

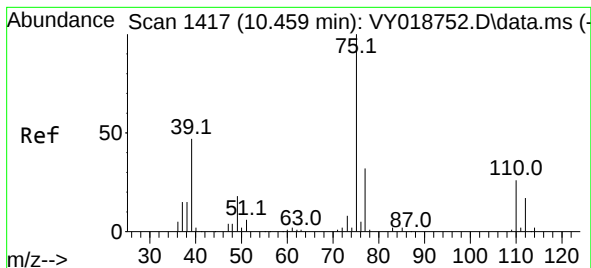
Tgt Ion: 43 Resp: 56210  
Ion Ratio Lower Upper  
43 100  
58 40.3 35.7 53.5



#52  
Toluene  
Concen: 19.481 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 92 Resp: 51903  
Ion Ratio Lower Upper  
92 100  
91 172.6 139.0 208.6

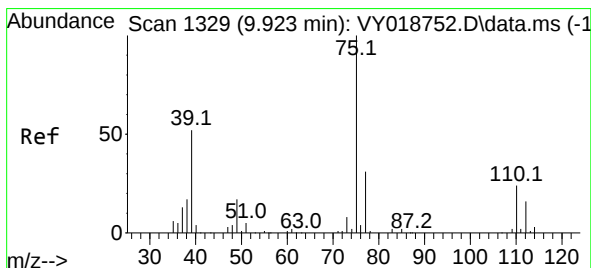
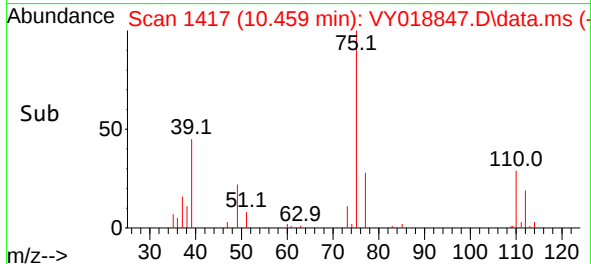
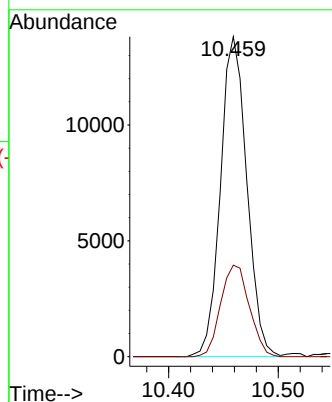
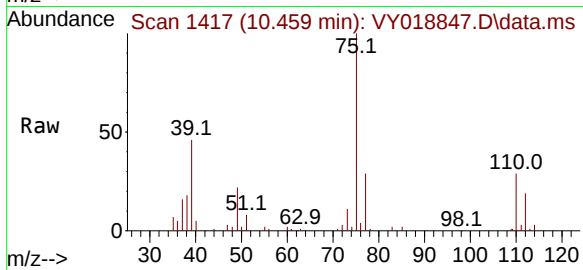




#53  
 t-1,3-Dichloropropene  
 Concen: 18.877 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. -0.000 min  
 Lab File: VY018847.D  
 Acq: 17 Jul 2024 15:15

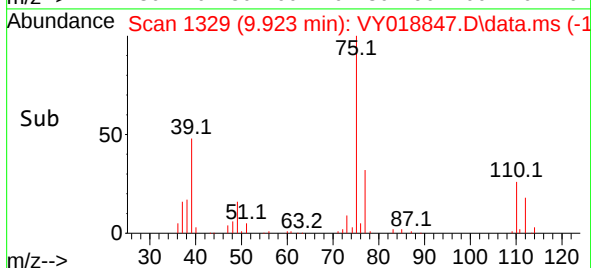
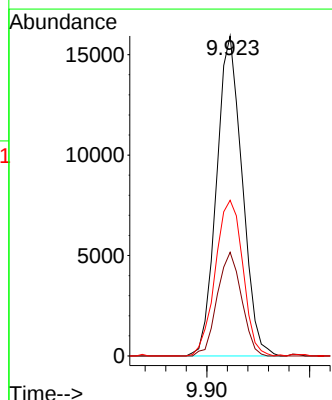
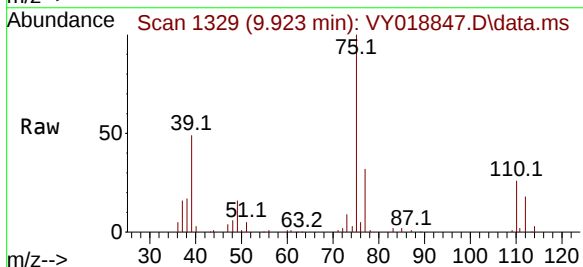
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

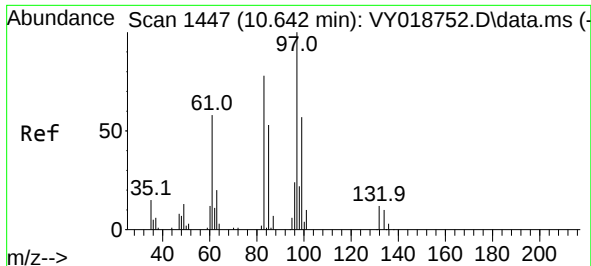
Tgt Ion: 75 Resp: 23037  
 Ion Ratio Lower Upper  
 75 100  
 77 28.6 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.270 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY018847.D  
 Acq: 17 Jul 2024 15:15

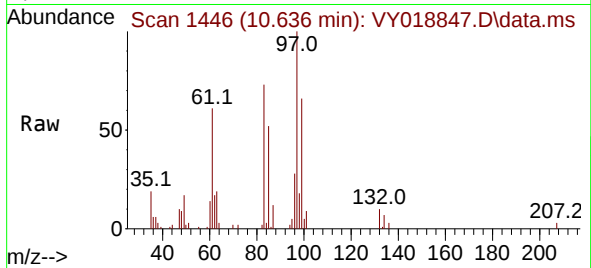
Tgt Ion: 75 Resp: 27589  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.4 38.0  
 39 48.7 29.8 44.6#



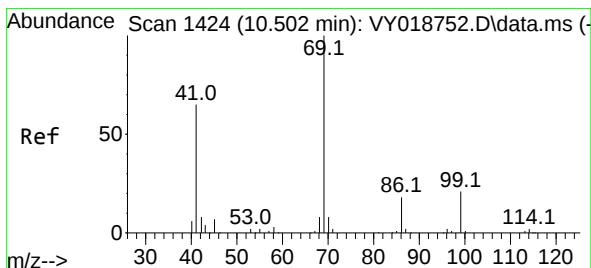
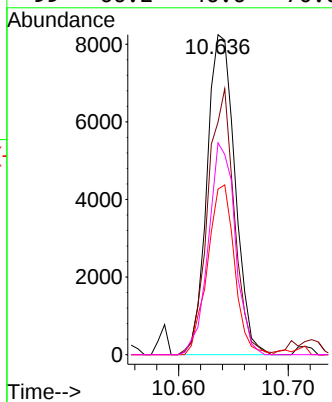
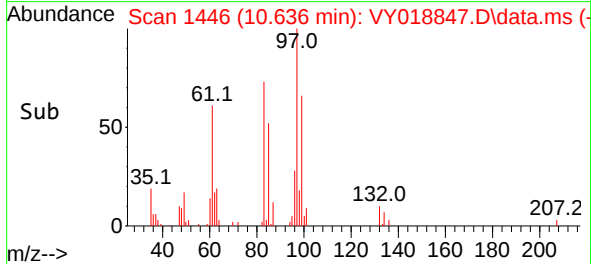


#55  
1,1,2-Trichloroethane  
Concen: 20.424 ug/l  
RT: 10.636 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

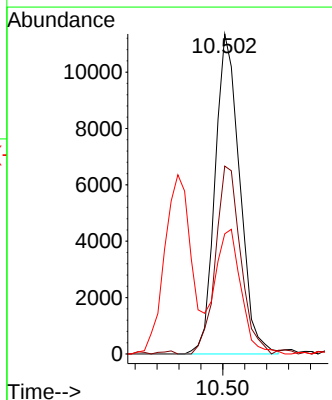
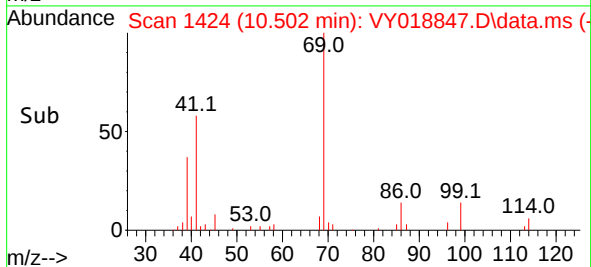
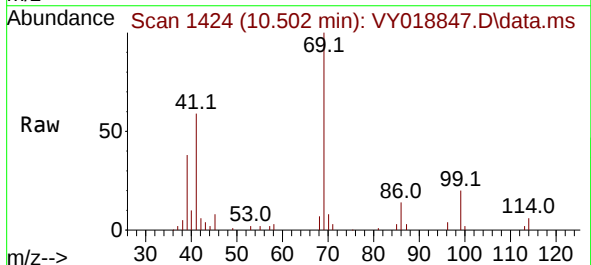


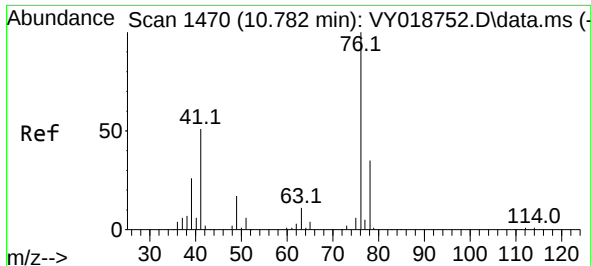
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 14633 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 72.7     | 67.5 101.3  |
| 85 51.8     | 42.9 64.3   |
| 99 66.2     | 46.6 70.0   |



#56  
Ethyl methacrylate  
Concen: 18.800 ug/l  
RT: 10.502 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 17734 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 59.7     | 42.3 63.5   |
| 39 40.4     | 22.9 34.3#  |





#57

1,3-Dichloropropane

Concen: 19.894 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

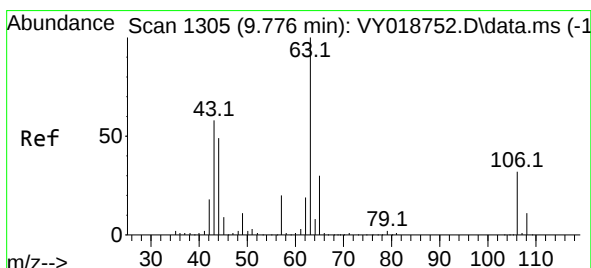
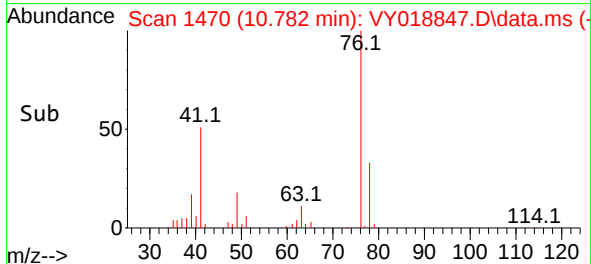
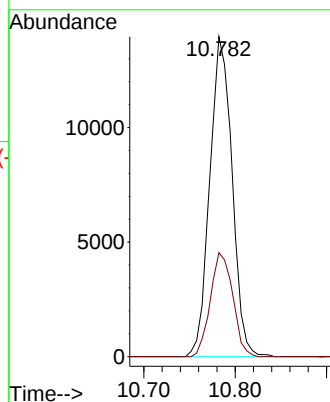
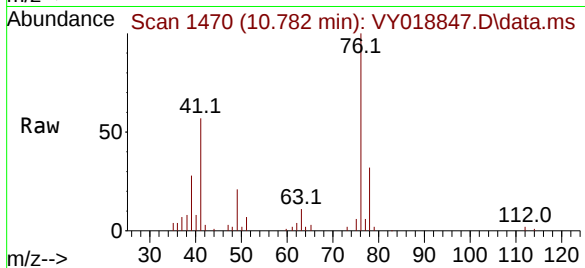
ClientSampleId :

Tgt Ion: 76 Resp: 23628

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.414 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018847.D

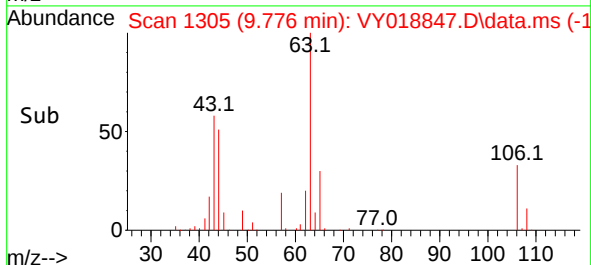
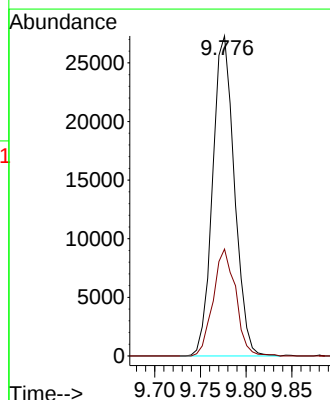
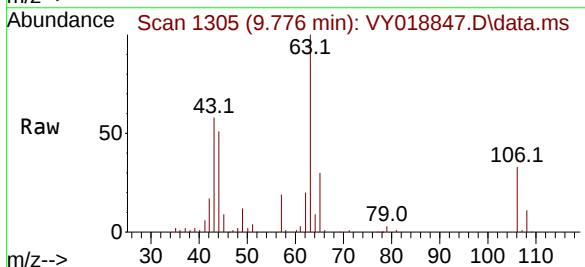
Acq: 17 Jul 2024 15:15

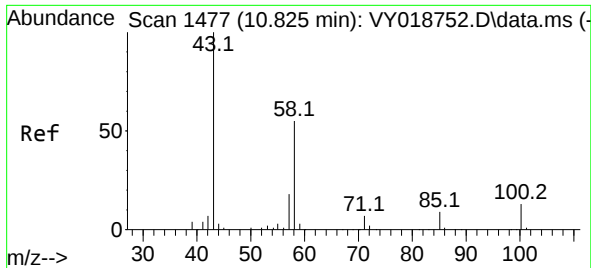
Tgt Ion: 63 Resp: 45252

Ion Ratio Lower Upper

63 100

106 34.6 23.7 35.5

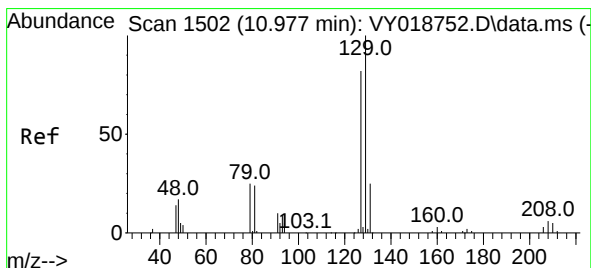
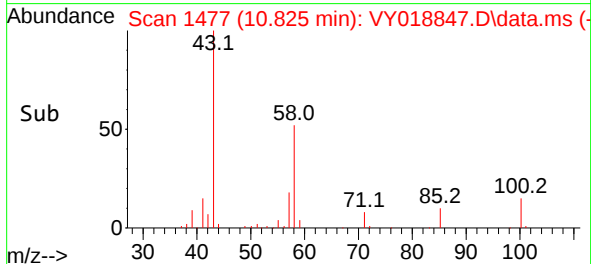
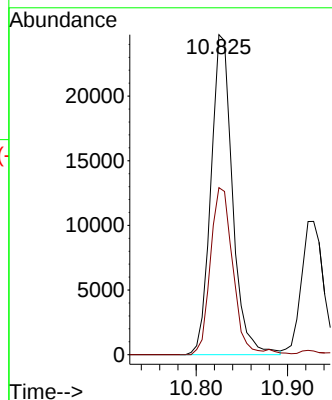
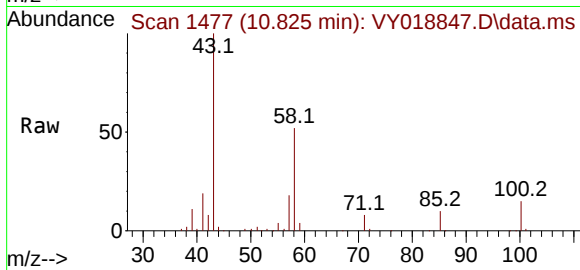




#59  
2-Hexanone  
Concen: 99.472 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

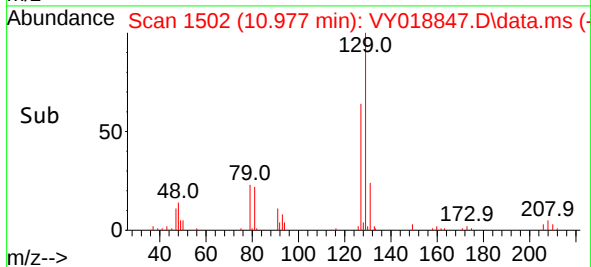
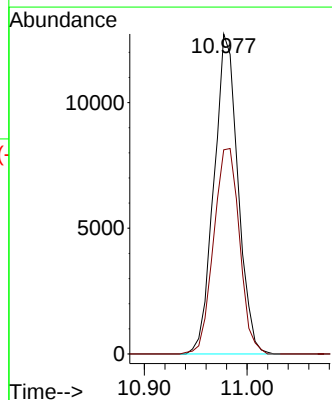
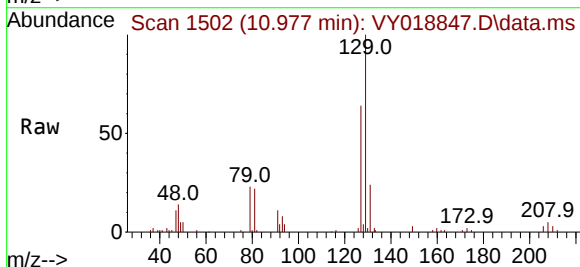
Instrument :  
MSVOA\_Y  
ClientSampleId :

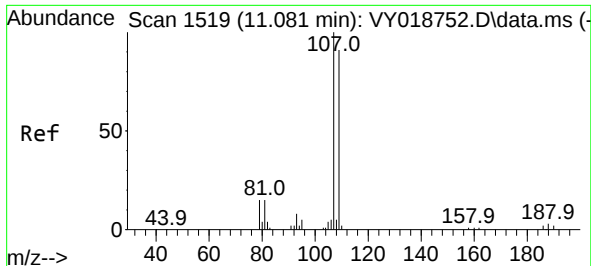
Tgt Ion: 43 Resp: 40606  
Ion Ratio Lower Upper  
43 100  
58 54.5 31.4 94.0



#60  
Dibromochloromethane  
Concen: 20.924 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 129 Resp: 20598  
Ion Ratio Lower Upper  
129 100  
127 69.3 39.0 117.0

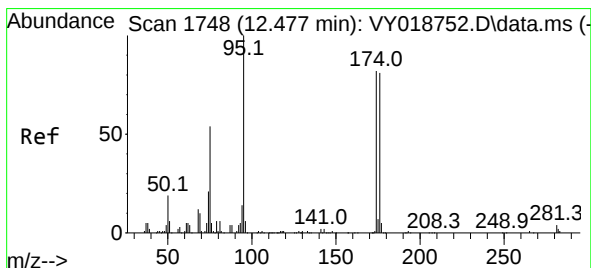
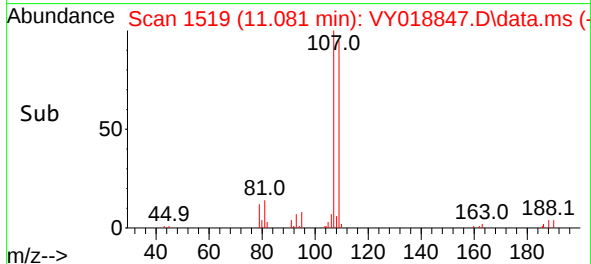
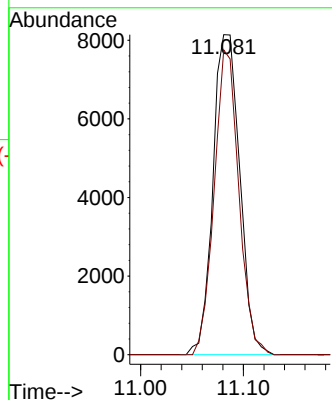
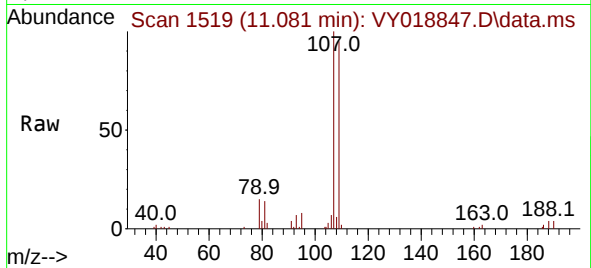




#61  
1,2-Dibromoethane  
Concen: 21.124 ug/l  
RT: 11.081 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

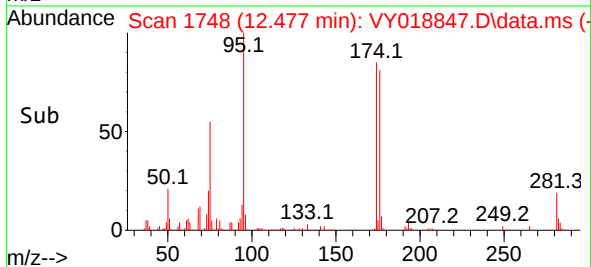
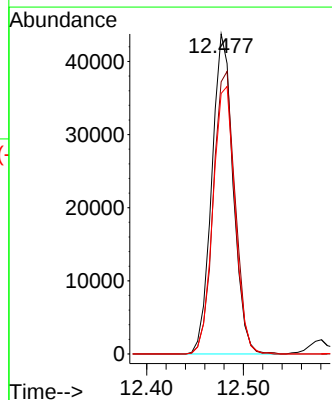
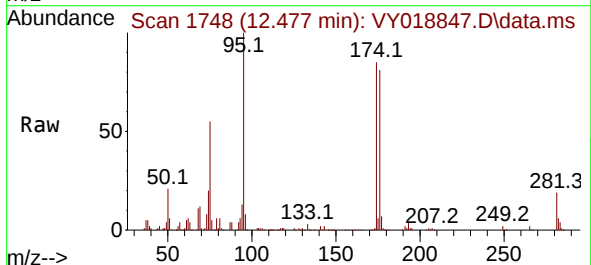
Instrument :  
MSVOA\_Y  
ClientSampleId :

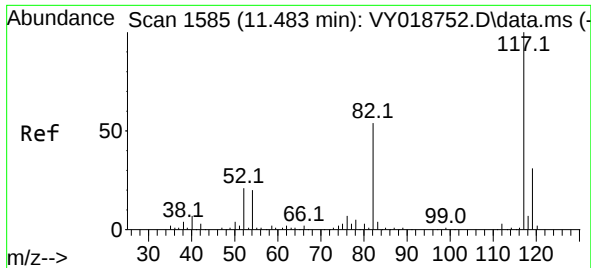
Tgt Ion:107 Resp: 14714  
Ion Ratio Lower Upper  
107 100  
109 88.0 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.852 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 95 Resp: 67173  
Ion Ratio Lower Upper  
95 100  
174 90.1 0.0 175.6  
176 86.4 0.0 171.4

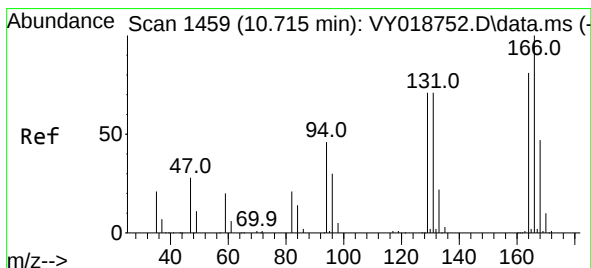
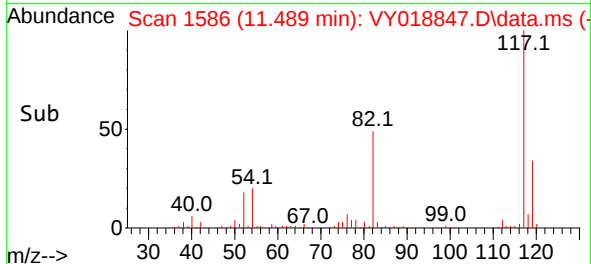
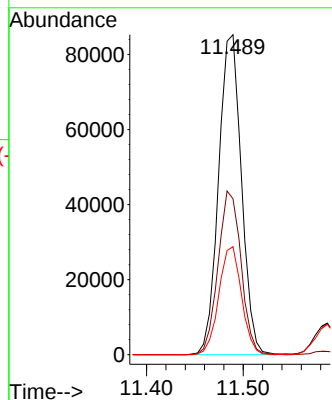
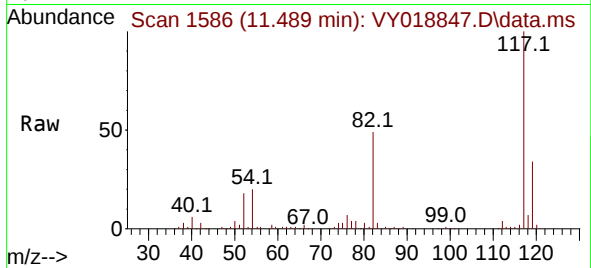




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

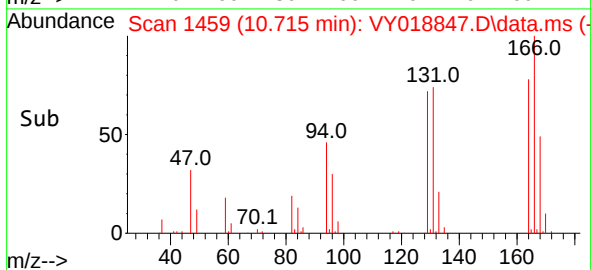
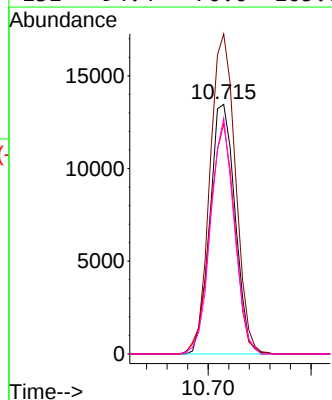
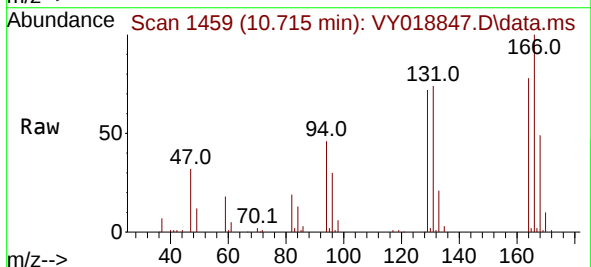
Instrument :  
MSVOA\_Y  
ClientSampleId :

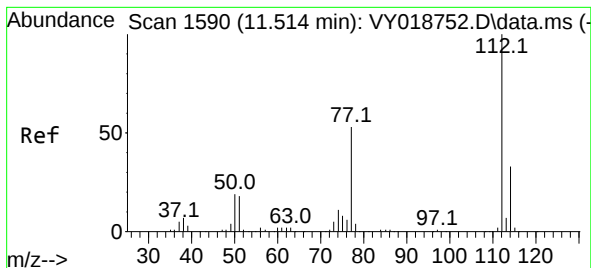
Tgt Ion:117 Resp: 139615  
Ion Ratio Lower Upper  
117 100  
82 48.7 42.4 63.6  
119 33.7 25.9 38.9



#64  
Tetrachloroethene  
Concen: 20.263 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion:164 Resp: 22899  
Ion Ratio Lower Upper  
164 100  
166 128.2 102.6 154.0  
129 92.2 72.0 108.0  
131 94.4 70.0 105.0





#65

Chlorobenzene

Concen: 19.914 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

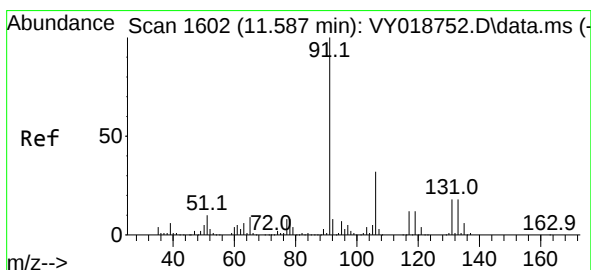
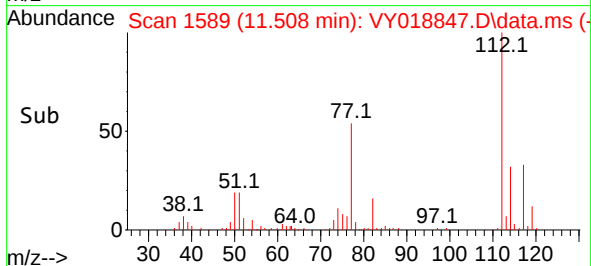
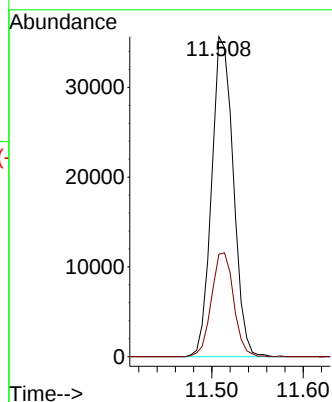
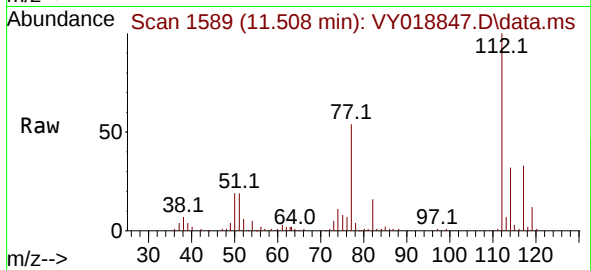
ClientSampleId :

Tgt Ion:112 Resp: 58651

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.671 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

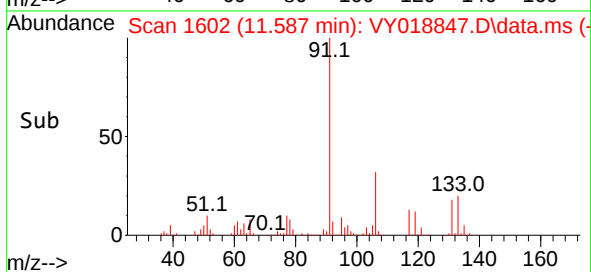
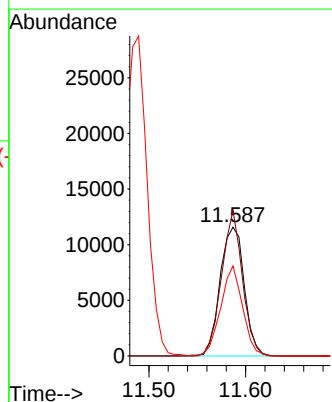
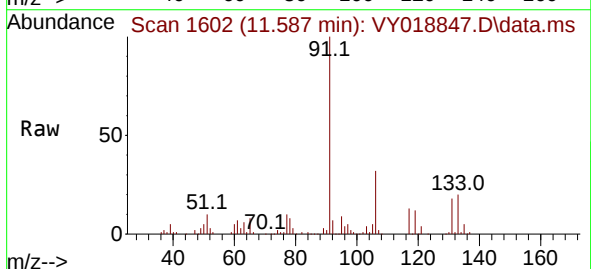
Tgt Ion:131 Resp: 19961

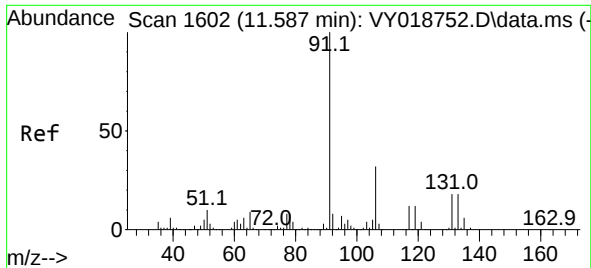
Ion Ratio Lower Upper

131 100

133 98.7 47.8 143.3

119 63.5 34.1 102.2

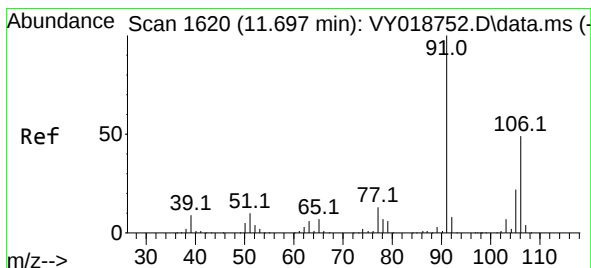
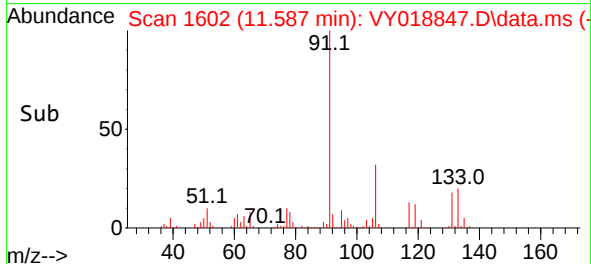
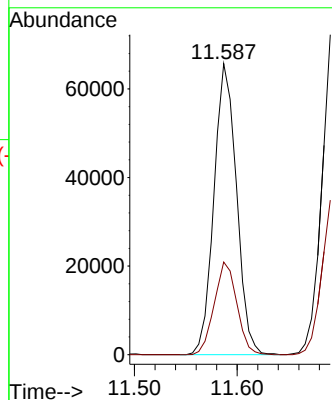
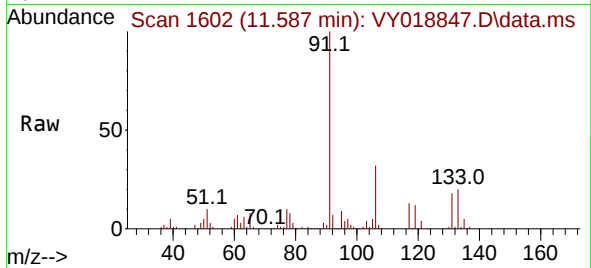




#67  
Ethyl Benzene  
Concen: 19.415 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

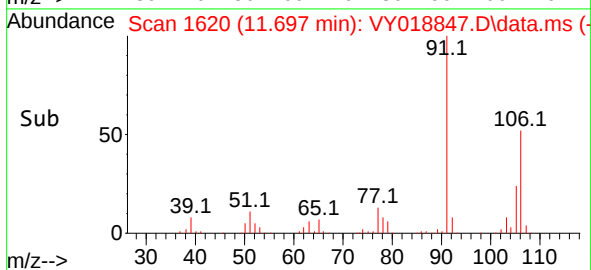
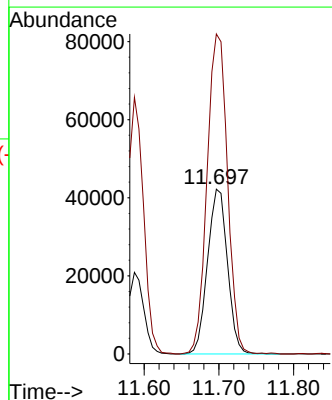
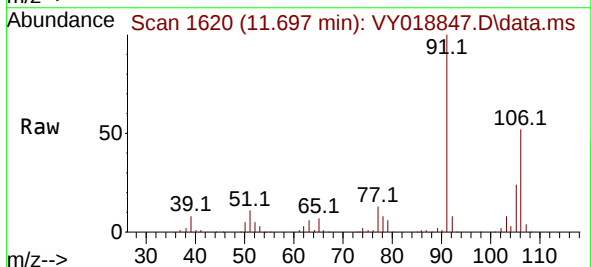
Instrument :  
MSVOA\_Y  
ClientSampleId :

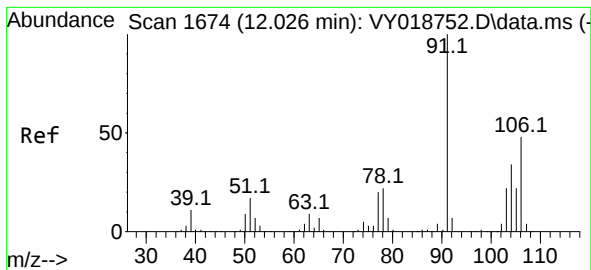
Tgt Ion: 91 Resp: 100172  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.5 36.7



#68  
m/p-Xylenes  
Concen: 38.669 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion:106 Resp: 78292  
Ion Ratio Lower Upper  
106 100  
91 198.9 156.0 234.0

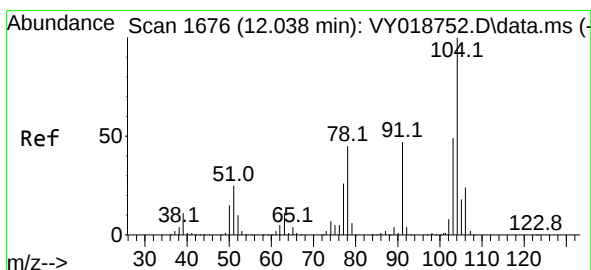
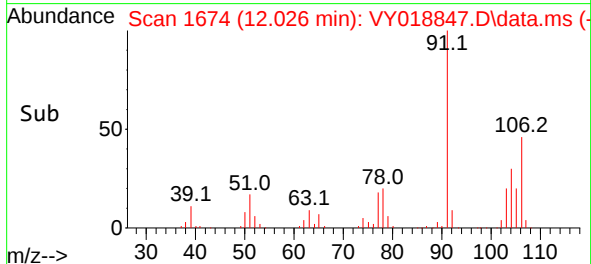
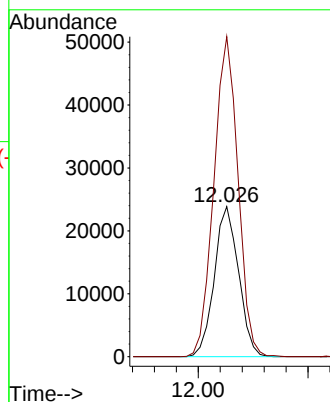
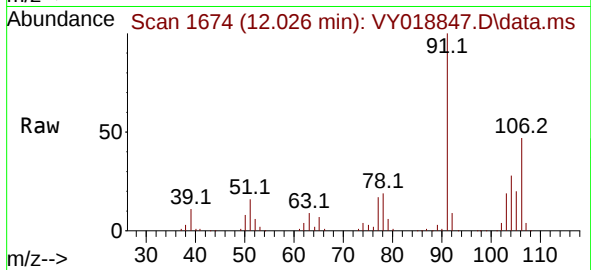




#69  
o-Xylene  
Concen: 19.258 ug/l  
RT: 12.026 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

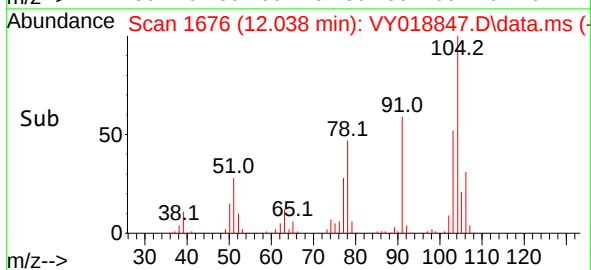
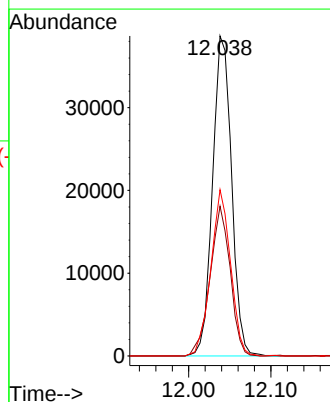
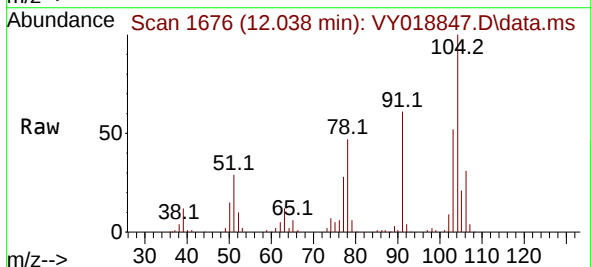
Instrument :  
MSVOA\_Y  
ClientSampleId :

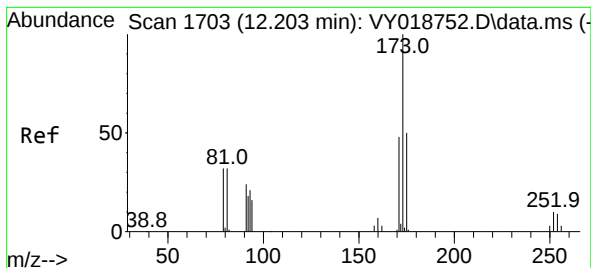
Tgt Ion:106 Resp: 36657  
Ion Ratio Lower Upper  
106 100  
91 212.3 103.6 310.8



#70  
Styrene  
Concen: 19.563 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion:104 Resp: 62133  
Ion Ratio Lower Upper  
104 100  
78 49.4 37.0 55.4  
103 54.0 44.2 66.2





#71

Bromoform

Concen: 19.625 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

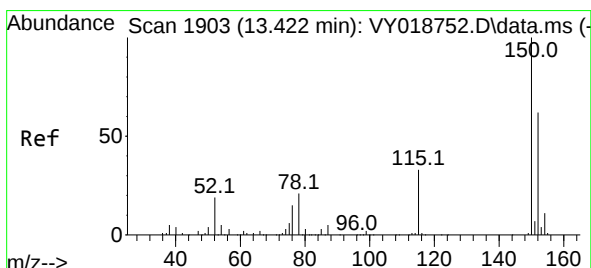
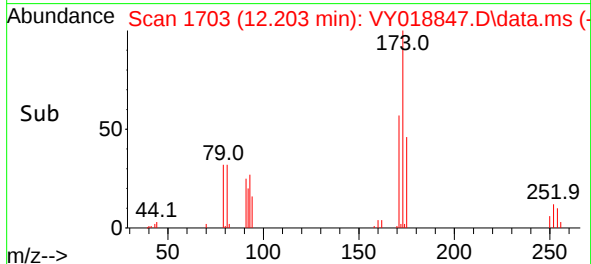
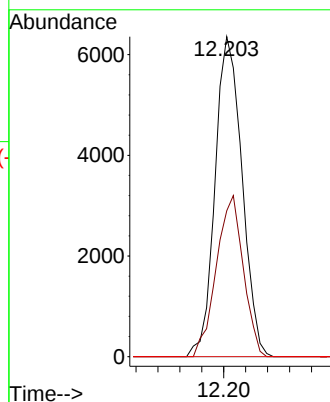
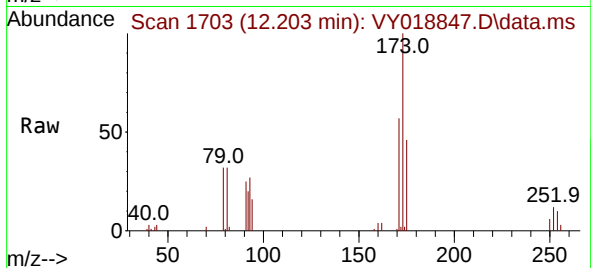
Tgt Ion:173 Resp: 10855

Ion Ratio Lower Upper

173 100

175 50.3 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: VY018847.D

Acq: 17 Jul 2024 15:15

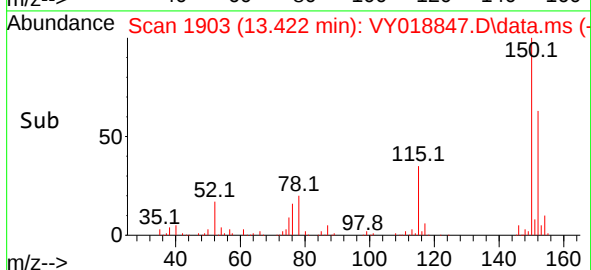
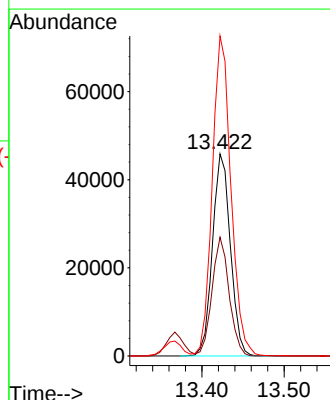
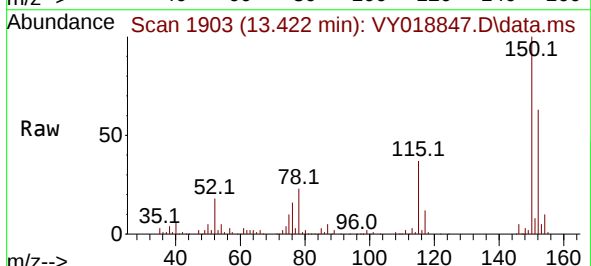
Tgt Ion:152 Resp: 69296

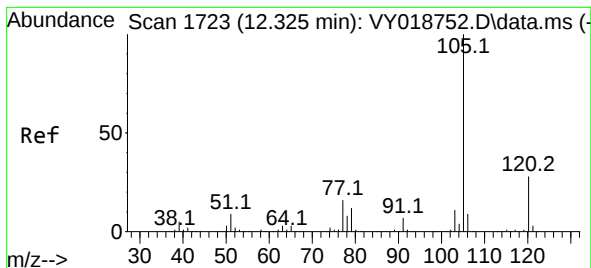
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 165.5 0.0 345.6





#73

Isopropylbenzene

Concen: 19.777 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

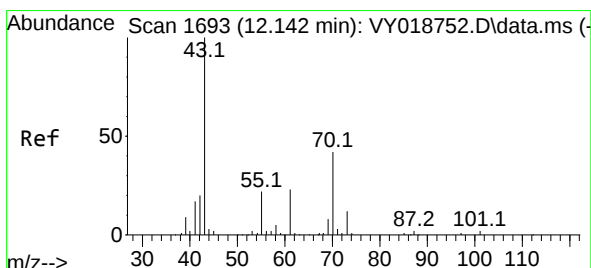
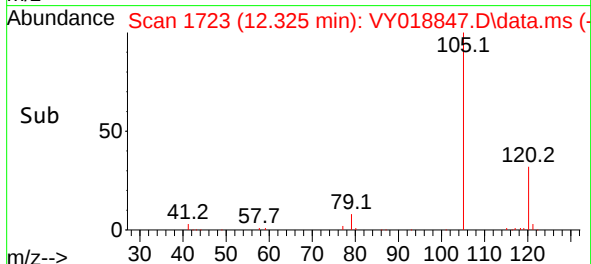
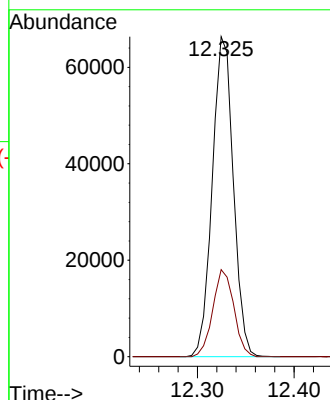
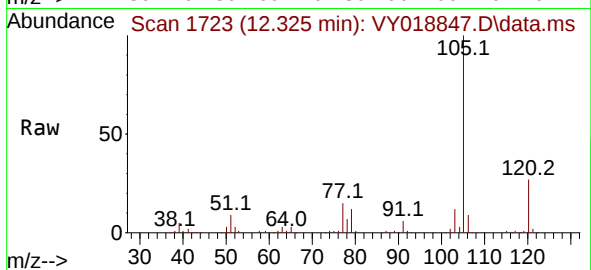
ClientSampleId :

Tgt Ion:105 Resp: 100299

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 18.525 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Tgt Ion: 43 Resp: 19214

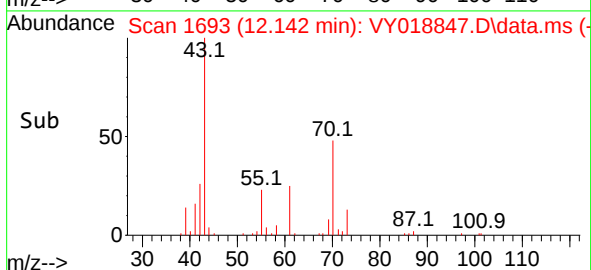
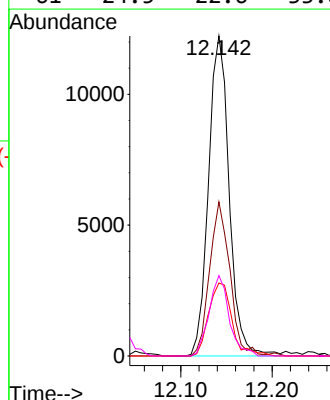
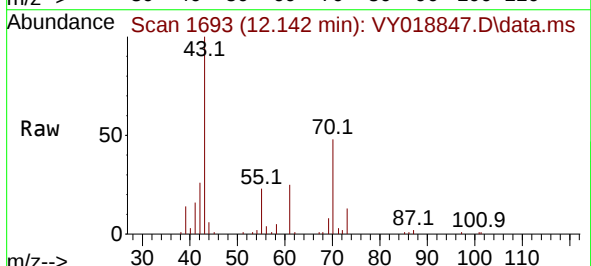
Ion Ratio Lower Upper

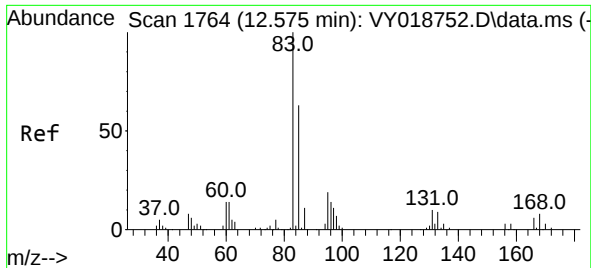
43 100

70 47.0 41.4 62.2

55 25.6 23.3 34.9

61 24.5 22.6 33.8

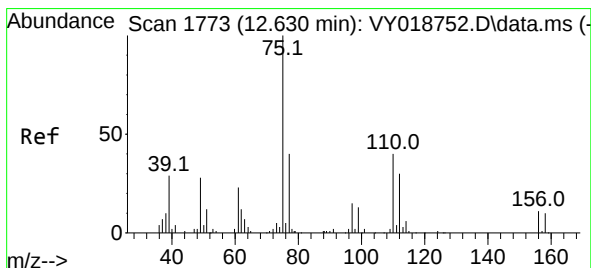
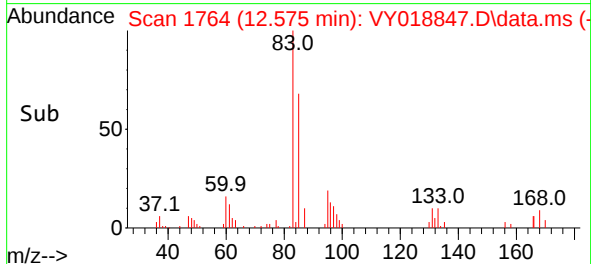
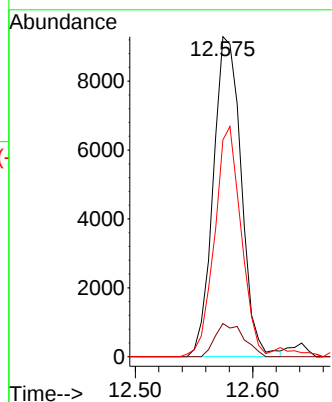
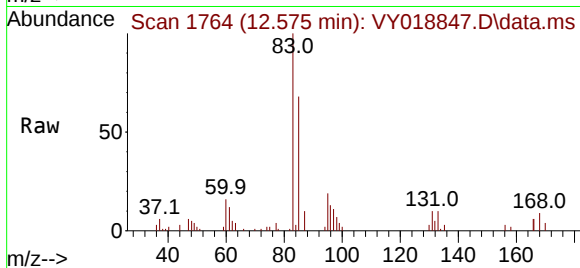




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.239 ug/l  
RT: 12.575 min Scan# 1764  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

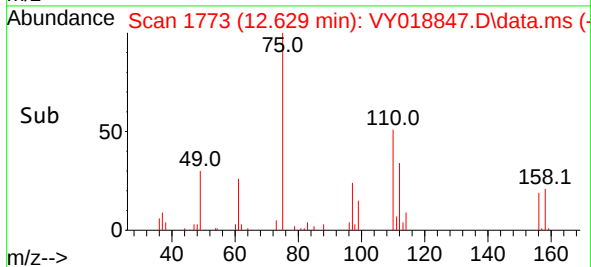
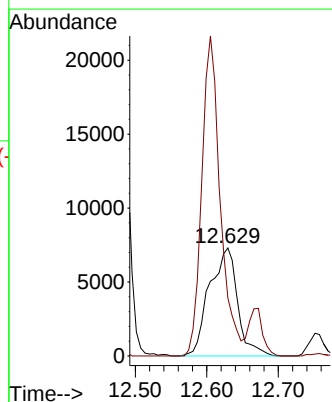
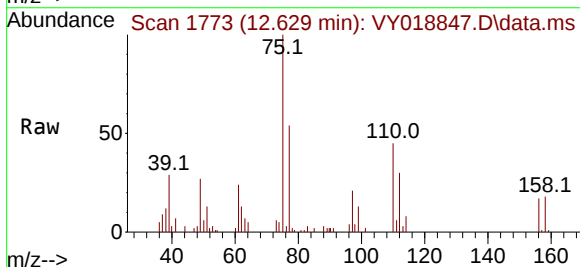
Instrument :  
MSVOA\_Y  
ClientSampleId :

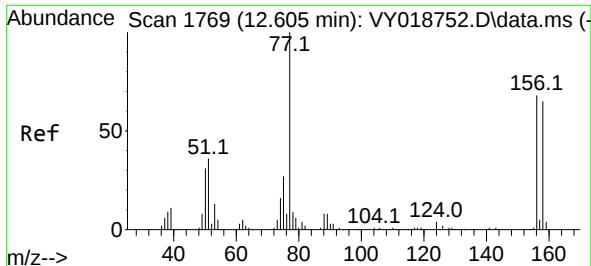
Tgt Ion: 83 Resp: 15382  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.0 14.9  
85 68.2 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 36.710 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.001 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

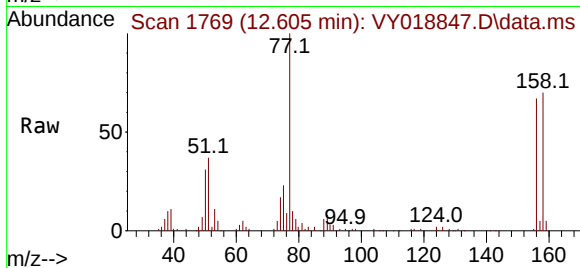
Tgt Ion: 75 Resp: 19924  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



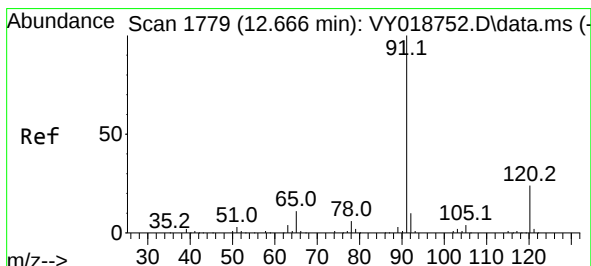
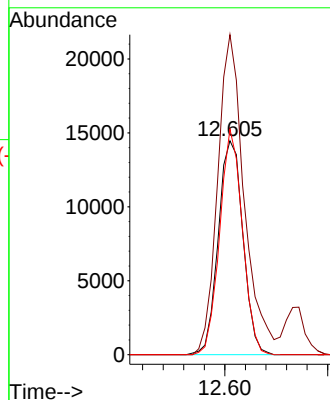
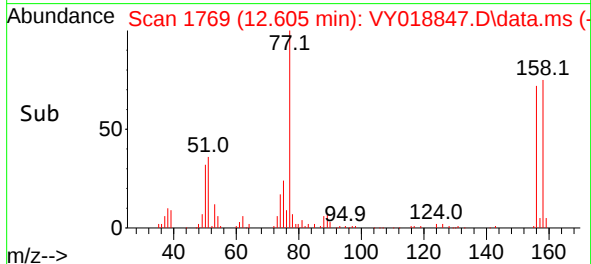


#77  
Bromobenzene  
Concen: 19.893 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

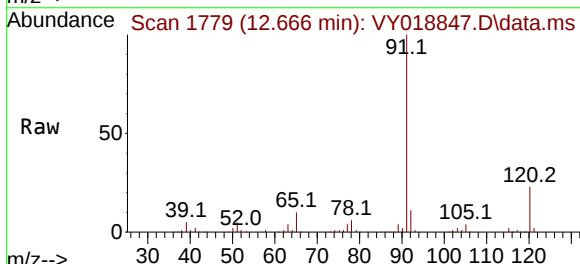
Instrument :  
MSVOA\_Y  
ClientSampleId :



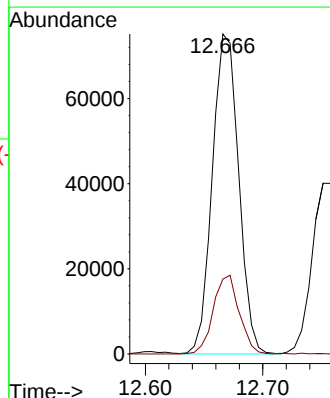
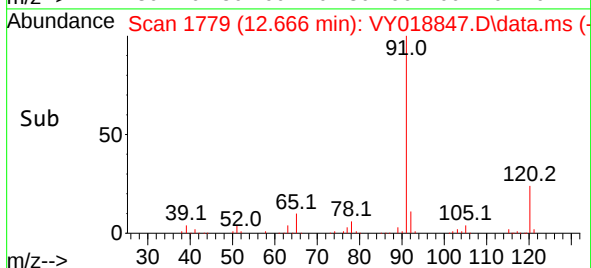
Tgt Ion:156 Resp: 24085  
Ion Ratio Lower Upper  
156 100  
77 160.9 87.1 261.3  
158 97.2 48.6 145.9

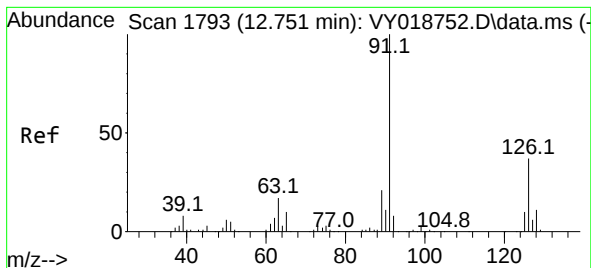


#78  
n-propylbenzene  
Concen: 19.478 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15



Tgt Ion: 91 Resp: 117309  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.434 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

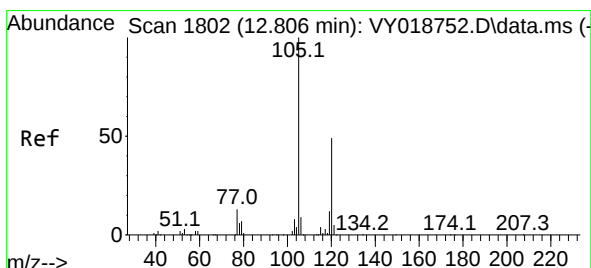
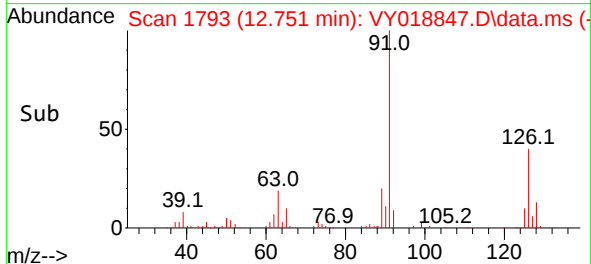
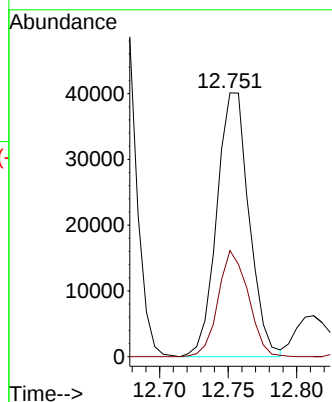
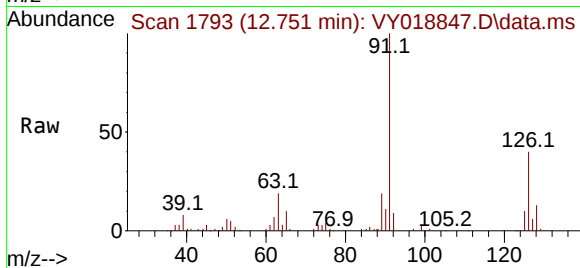
ClientSampleId :

Tgt Ion: 91 Resp: 65813

Ion Ratio Lower Upper

91 100

126 37.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.361 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018847.D

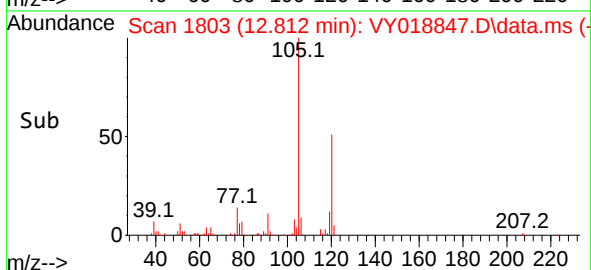
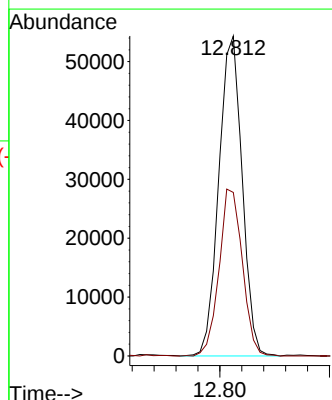
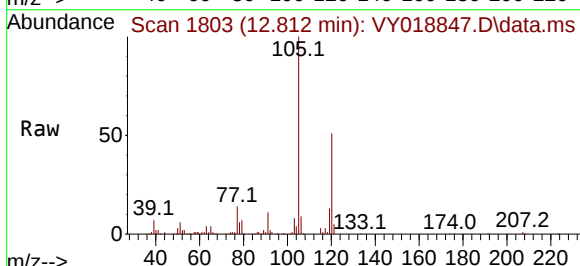
Acq: 17 Jul 2024 15:15

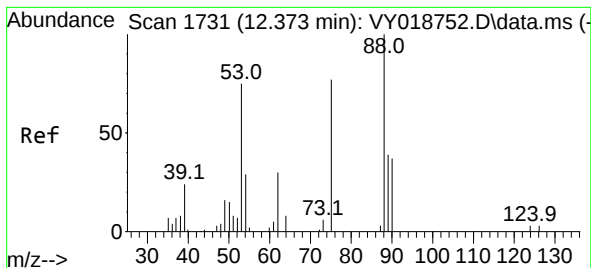
Tgt Ion:105 Resp: 80340

Ion Ratio Lower Upper

105 100

120 52.0 25.1 75.2

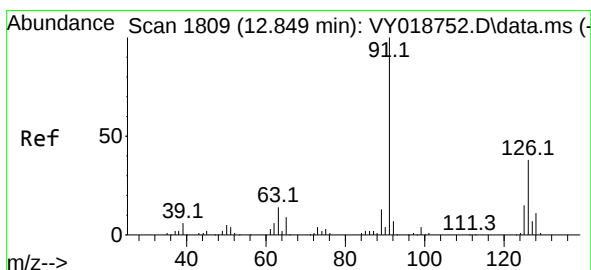
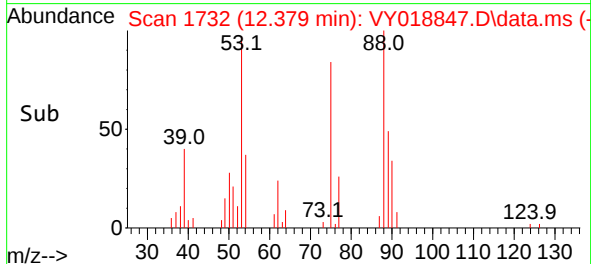
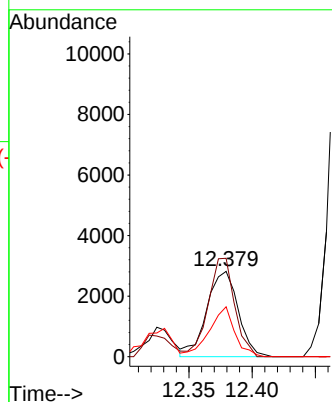
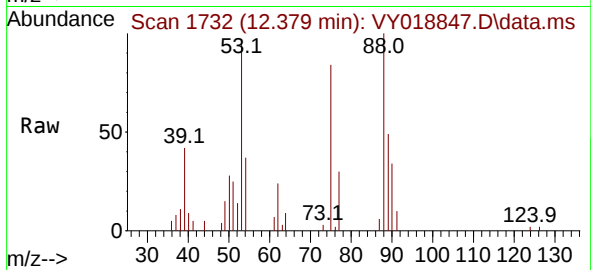




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.024 ug/l  
RT: 12.379 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

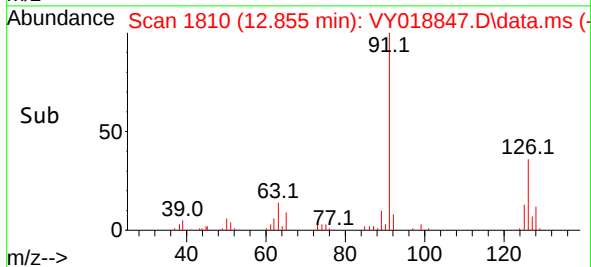
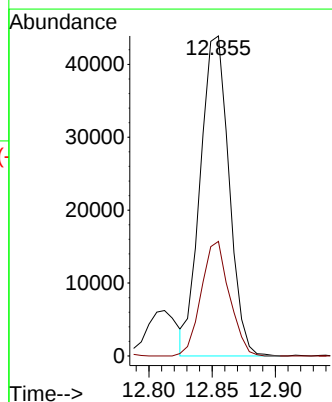
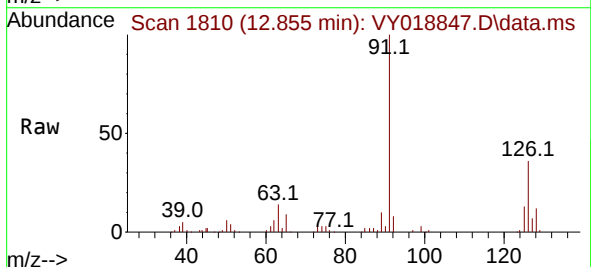
Instrument :  
MSVOA\_Y  
ClientSampleId :

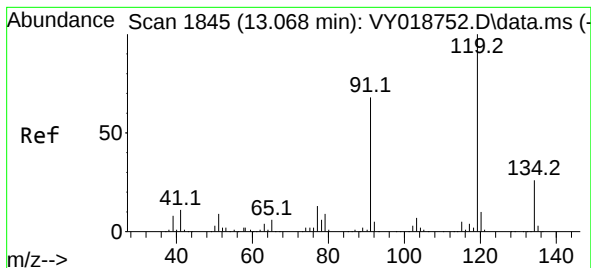
Tgt Ion: 75 Resp: 4856  
Ion Ratio Lower Upper  
75 100  
53 96.5 66.8 100.2  
89 46.6 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 19.883 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 91 Resp: 69335  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.614 ug/l

RT: 13.068 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY018847.D

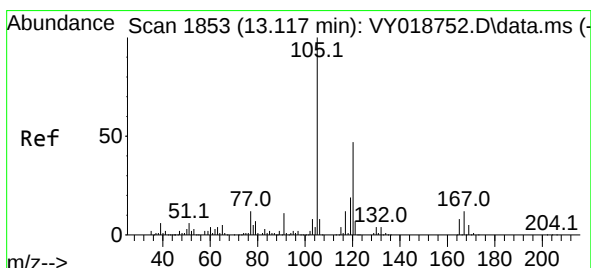
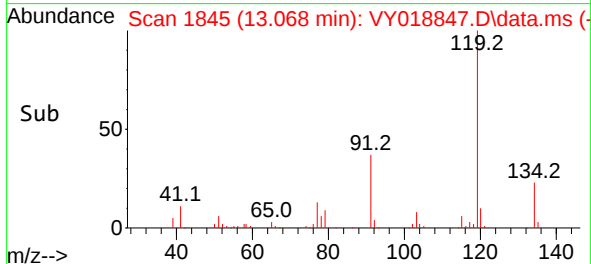
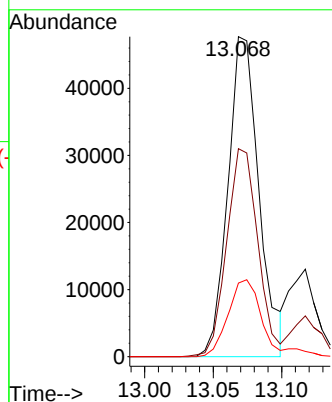
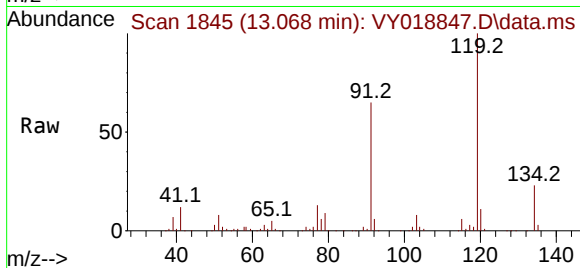
Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:119 | Resp: | 75141     |
| Ion Ratio   | Lower | Upper     |
| 119         | 100   |           |
| 91          | 65.2  | 31.3 93.8 |
| 134         | 26.9  | 13.4 40.1 |



#84

1,2,4-Trimethylbenzene

Concen: 19.596 ug/l

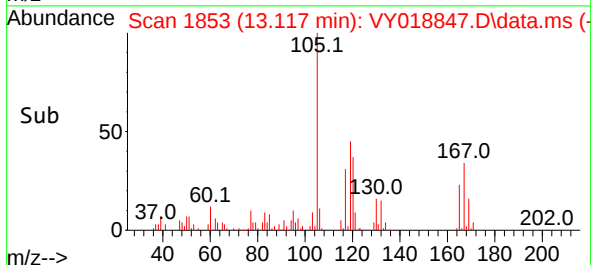
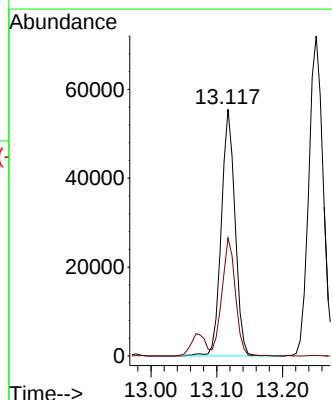
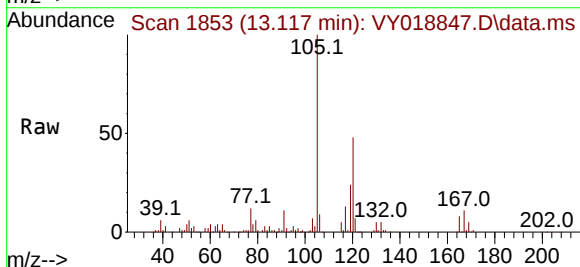
RT: 13.117 min Scan# 1853

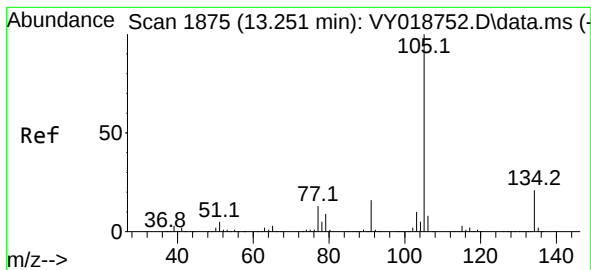
Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 80803     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 46.4  | 23.2 69.6 |





#85

sec-Butylbenzene

Concen: 19.965 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

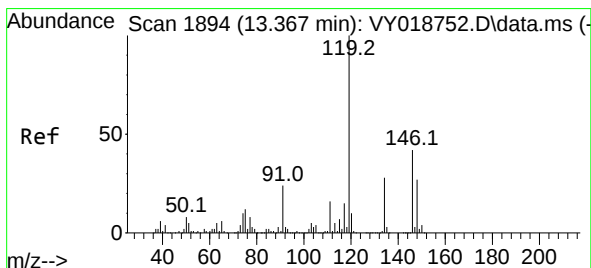
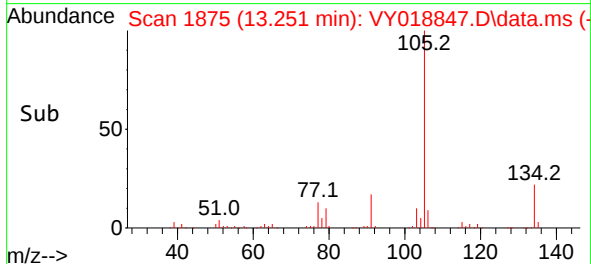
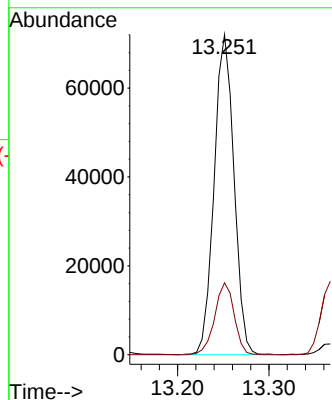
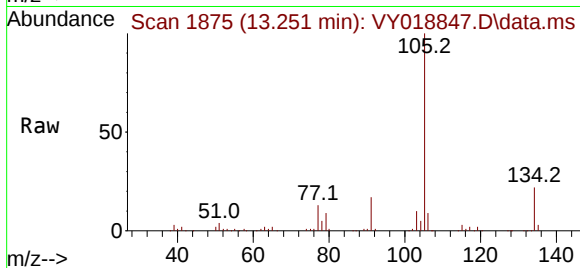
ClientSampleId :

Tgt Ion:105 Resp: 108568

Ion Ratio Lower Upper

105 100

134 22.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.927 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

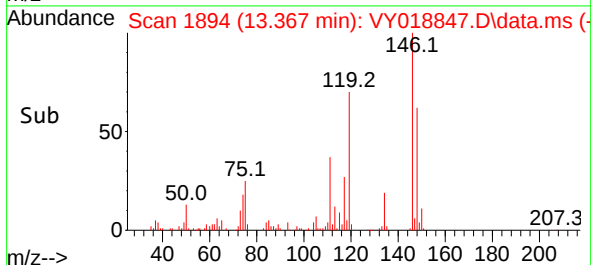
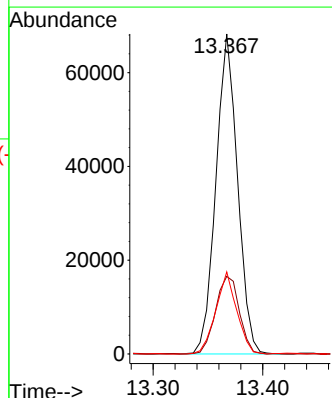
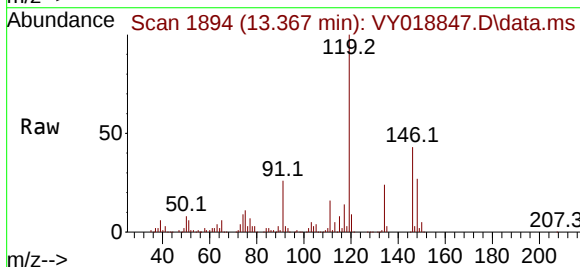
Tgt Ion:119 Resp: 93547

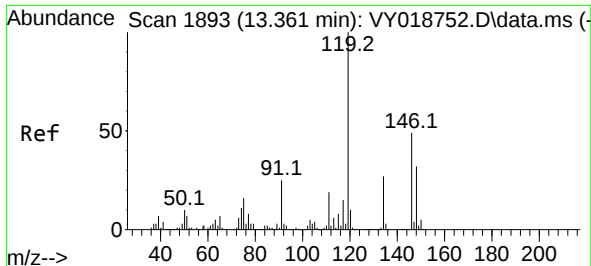
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.143 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

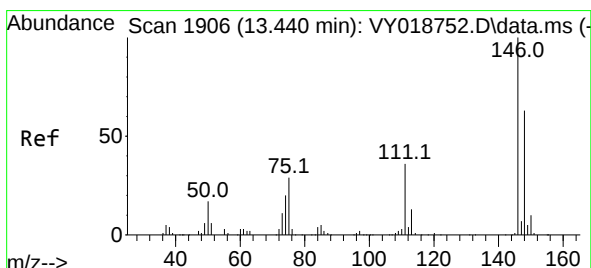
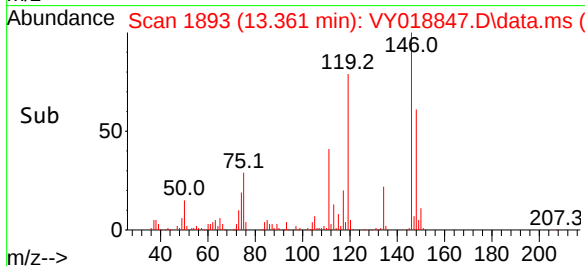
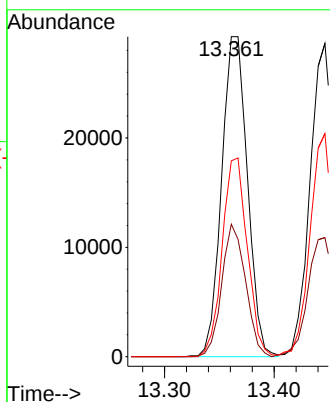
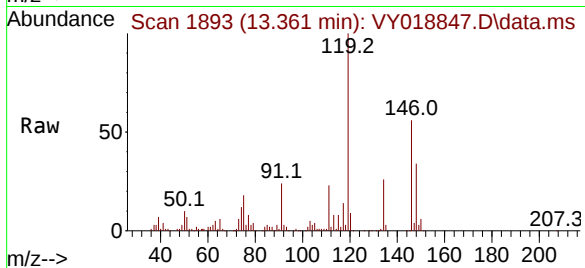
Tgt Ion:146 Resp: 47899

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 60.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.429 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

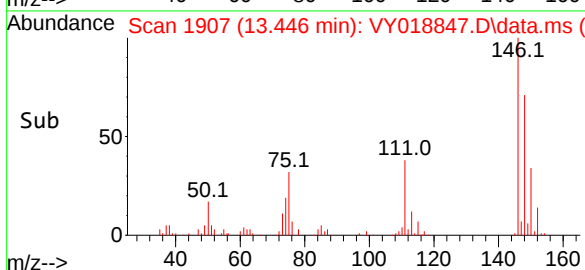
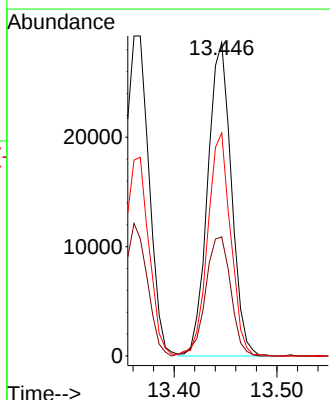
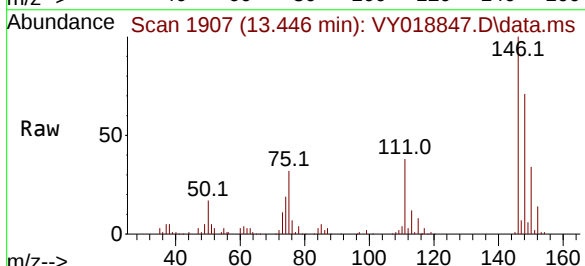
Tgt Ion:146 Resp: 45791

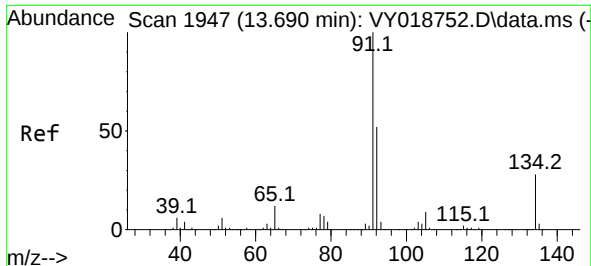
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 68.9 32.4 97.2





#89

n-Butylbenzene

Concen: 19.385 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY018847.D

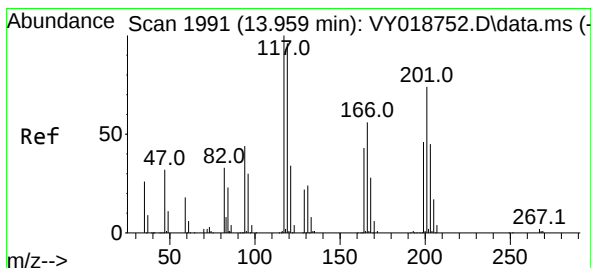
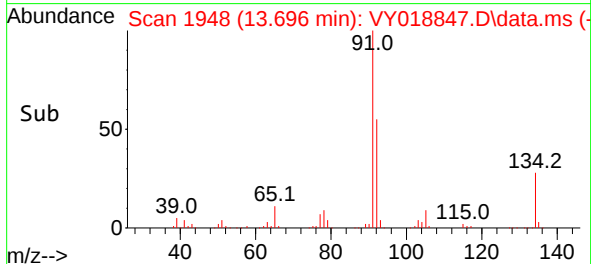
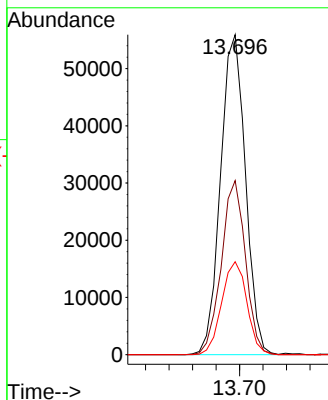
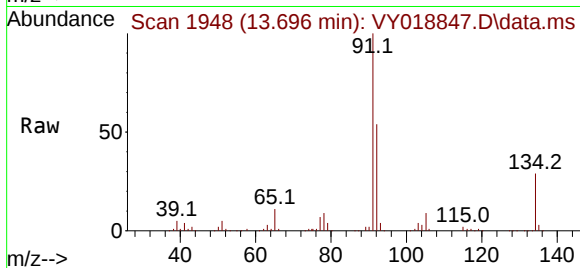
Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 82503    |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 52.7 26.6 79.7 |
| 134         | 29.3 12.9 38.7 |



#90

Hexachloroethane

Concen: 19.165 ug/l

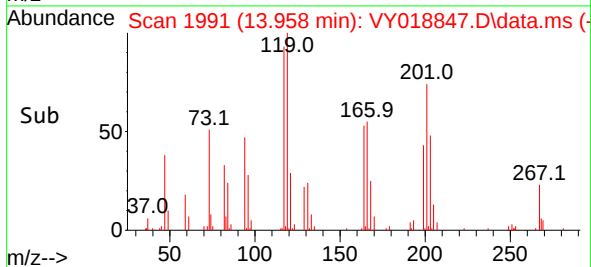
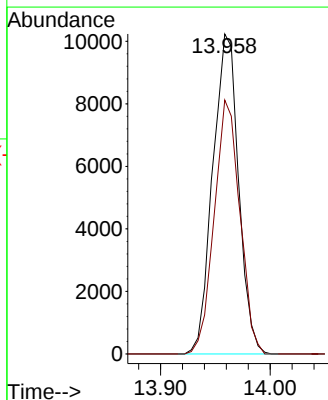
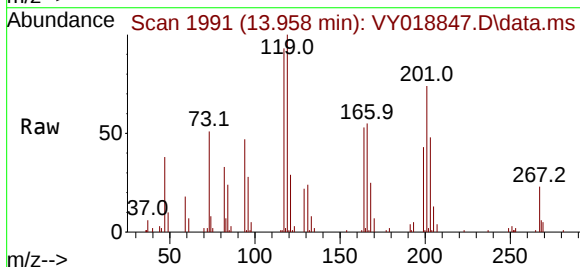
RT: 13.958 min Scan# 1991

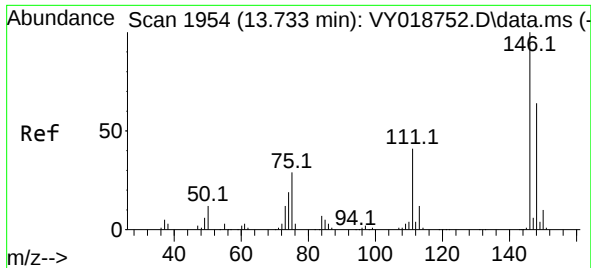
Delta R.T. -0.000 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 16732     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 201          | 78.9 37.4 112.2 |

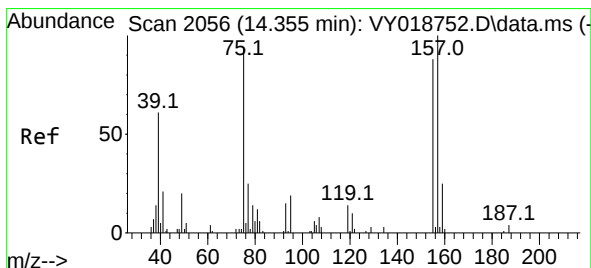
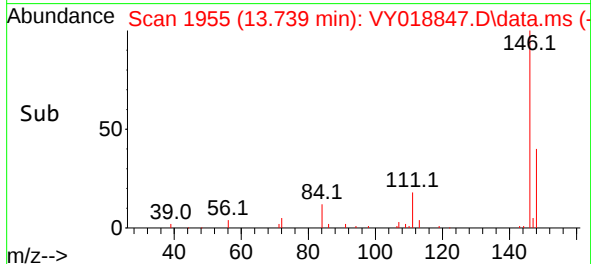
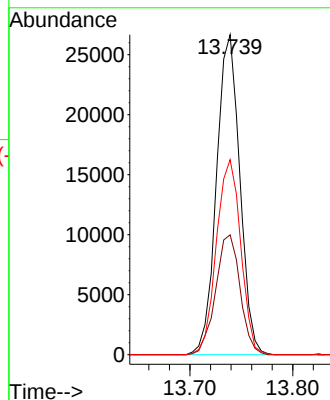
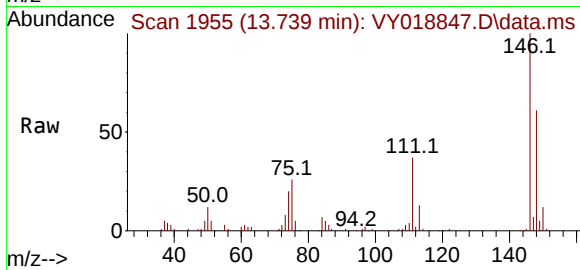




#91  
1,2-Dichlorobenzene  
Concen: 20.409 ug/l  
RT: 13.739 min Scan# 1954  
Delta R.T. 0.006 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

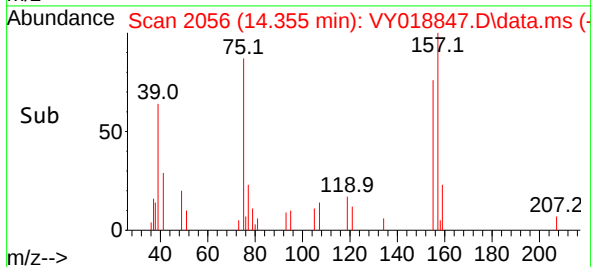
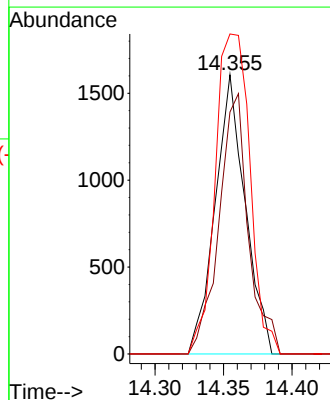
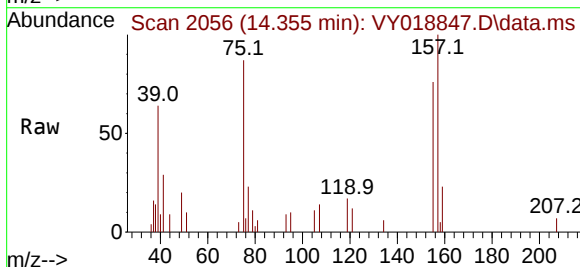
Instrument :  
MSVOA\_Y  
ClientSampleId :

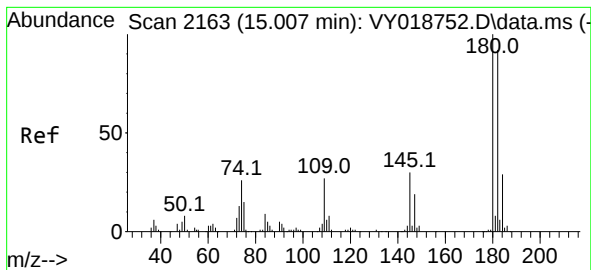
Tgt Ion:146 Resp: 41922  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.9 59.7  
148 63.6 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.919 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY018847.D  
Acq: 17 Jul 2024 15:15

Tgt Ion: 75 Resp: 2451  
Ion Ratio Lower Upper  
75 100  
155 91.1 48.6 145.8  
157 132.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.198 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018847.D

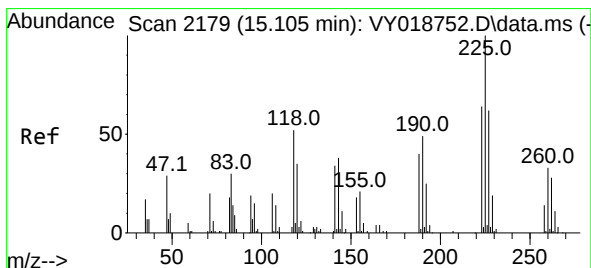
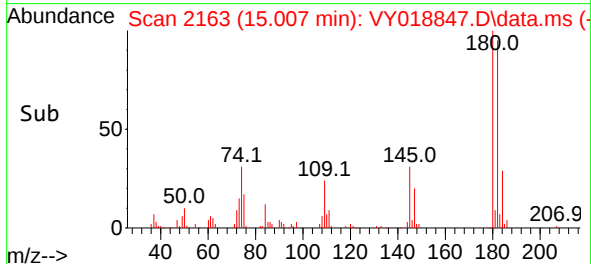
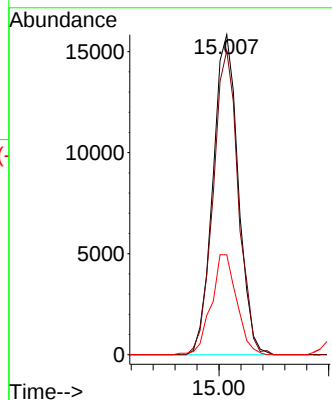
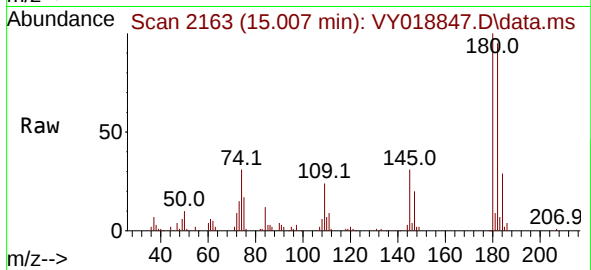
Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 25326 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.5  | 47.9  | 143.8 |
| 145       | 31.5  | 14.2  | 42.6  |



#94

Hexachlorobutadiene

Concen: 19.783 ug/l

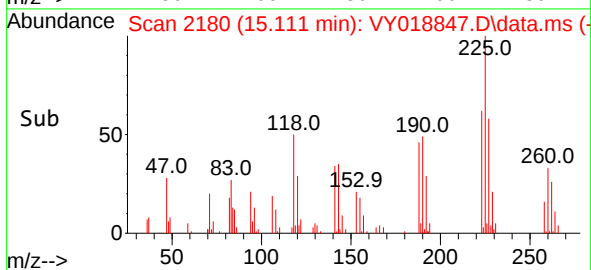
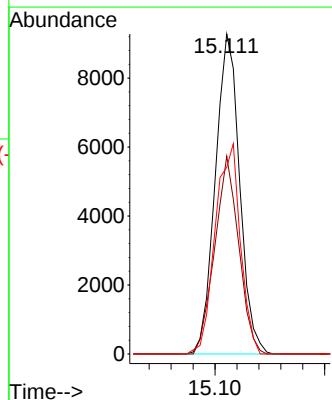
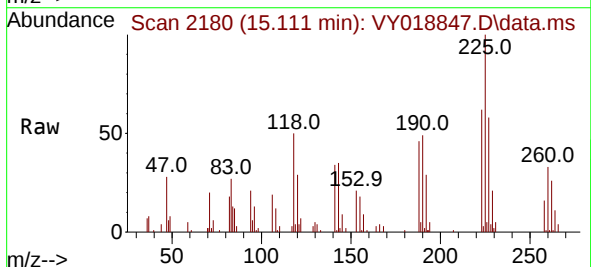
RT: 15.111 min Scan# 2180

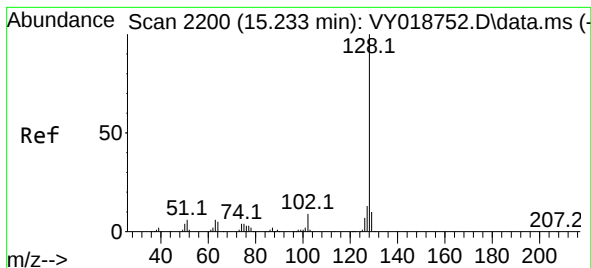
Delta R.T. 0.006 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 14298 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.0  | 30.4  | 91.2  |
| 227       | 67.6  | 31.9  | 95.9  |





#95

Naphthalene

Concen: 19.872 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018847.D

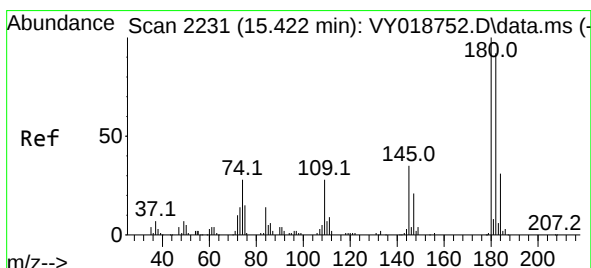
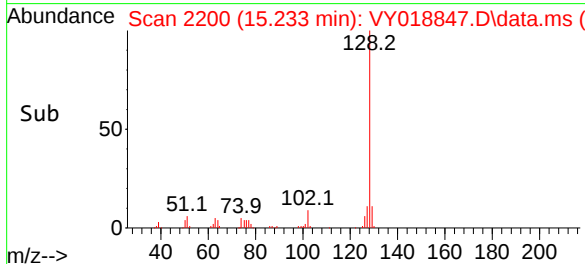
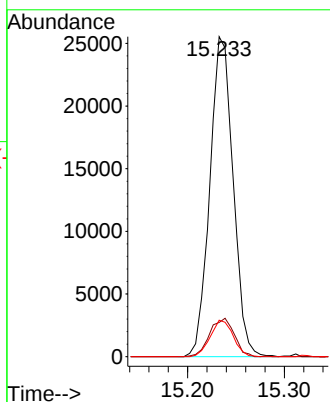
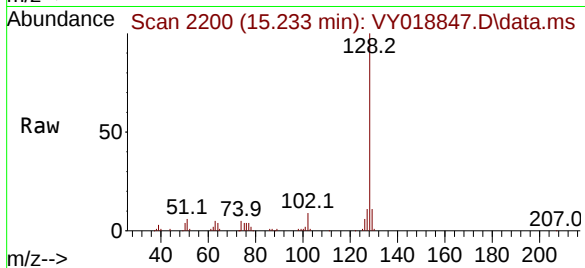
Acq: 17 Jul 2024 15:15

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 42745     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 12.7  | 10.6 16.0 |
| 129         | 11.2  | 8.6 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 20.250 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018847.D

Acq: 17 Jul 2024 15:15

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 21725      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.0  | 47.6 142.9 |
| 145         | 32.5  | 15.4 46.1  |

