

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070924\  
 Data File : VY018753.D  
 Acq On : 09 Jul 2024 12:48  
 Operator : SY/MD  
 Sample : VSTDICC100  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 09 14:20:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 14:18:17 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.777  | 168  | 123289   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.679  | 114  | 189888   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.483 | 117  | 164139   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 80892    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 116624   | 96.130   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 192.260%# |      |
| 35) Dibromofluoromethane    | 7.703  | 113   | 119381   | 100.379  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 200.760%# |      |
| 50) Toluene-d8              | 10.172 | 98    | 451429   | 100.188  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 200.380%# |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 150813   | 98.010   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 196.020%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 101366  | 98.120  | ug/l   | 100 |
| 3) Chloromethane             | 2.107 | 50  | 145685  | 92.800  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.241 | 62  | 174097  | 94.801  | ug/l   | 97  |
| 5) Bromomethane              | 2.631 | 94  | 117805  | 93.258  | ug/l   | 100 |
| 6) Chloroethane              | 2.777 | 64  | 111781  | 93.689  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.101 | 101 | 231492  | 96.465  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.515 | 74  | 53972   | 92.276  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.875 | 101 | 114858  | 93.286  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.070 | 142 | 144156  | 108.726 | ug/l   | 92  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 35505   | 288.901 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.850 | 96  | 113121  | 94.970  | ug/l   | 95  |
| 13) Acrolein                 | 3.710 | 56  | 43559   | 442.388 | ug/l   | 99  |
| 14) Allyl chloride           | 4.454 | 41  | 146360  | 99.183  | ug/l   | 91  |
| 15) Acrylonitrile            | 5.137 | 53  | 101814  | 441.247 | ug/l   | 97  |
| 16) Acetone                  | 3.930 | 43  | 102943  | 460.253 | ug/l # | 87  |
| 17) Carbon Disulfide         | 4.174 | 76  | 324471  | 97.284  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.460 | 43  | 58683   | 90.297  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.204 | 73  | 254531  | 92.116  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.692 | 84  | 118720  | 98.545  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.198 | 96  | 121470  | 96.623  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.106 | 45  | 309926  | 96.553  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.039 | 43  | 1177253 | 465.528 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 5.996 | 63  | 197665  | 96.448  | ug/l   | 98  |
| 25) 2-Butanone               | 6.966 | 43  | 137025  | 437.057 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 6.966 | 77  | 187415  | 98.557  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.972 | 96  | 140199  | 95.787  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.319 | 49  | 78020   | 94.783  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.332 | 42  | 82982   | 431.736 | ug/l   | 94  |
| 30) Chloroform               | 7.496 | 83  | 223287  | 97.757  | ug/l   | 99  |
| 31) Cyclohexane              | 7.771 | 56  | 166812  | 89.499  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 208754  | 98.285  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 156681  | 95.463  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.057 | 43  | 58053   | 85.095  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.886 | 117 | 195545  | 98.920  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.173 | 83  | 202650  | 96.348  | ug/l   | 96  |
| 40) Benzene                  | 8.148 | 78  | 463555  | 97.361  | ug/l   | 98  |

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 Operator : SY/MD  
 Sample : VSTDICC100  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 09 14:20:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 14:18:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.295  | 41   | 27265    | 73.414   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 123551   | 92.683   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 121019   | 89.149   | ug/l   | 93       |
| 44) Trichloroethene           | 8.929  | 130  | 131102   | 96.329   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 99613    | 96.077   | ug/l   | 98       |
| 46) Dibromomethane            | 9.295  | 93   | 62680    | 93.268   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.490  | 83   | 164575   | 98.026   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.282  | 41   | 54489    | 88.310   | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 13077    | 1659.965 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 303536   | 437.954  | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 307649   | 97.217   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 145161   | 100.142  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 169464   | 99.652   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 76873    | 90.330   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.502 | 69   | 104586   | 93.345   | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 132158   | 93.680   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 258115   | 482.202  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.825 | 43   | 215383   | 444.204  | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.977 | 129  | 113261   | 96.862   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 76839    | 92.874   | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.715 | 164  | 118632   | 89.292   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 335658   | 96.940   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 119357   | 100.049  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.587 | 91   | 602994   | 99.410   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.697 | 106  | 468446   | 196.801  | ug/l   | 97       |
| 69) o-Xylene                  | 12.026 | 106  | 219486   | 98.079   | ug/l   | 96       |
| 70) Styrene                   | 12.038 | 104  | 369502   | 98.957   | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 64502    | 99.193   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.325 | 105  | 578050   | 97.640   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 112407   | 92.842   | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 84116    | 90.128   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 110187   | 161.957  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 136447   | 96.543   | ug/l   | 93       |
| 78) n-propylbenzene           | 12.666 | 91   | 685515   | 97.508   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 383156   | 96.925   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 476078   | 98.282   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 26069    | 92.089   | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 395752   | 97.221   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 443894   | 99.258   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 472683   | 98.198   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 615154   | 96.908   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 541998   | 98.903   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 267169   | 96.248   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 259381   | 94.279   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 477537   | 96.119   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.958 | 117  | 103048   | 101.112  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 222318   | 92.717   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 12598    | 83.304   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 134599   | 91.956   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 77256    | 91.569   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 228843   | 91.135   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 113589   | 90.697   | ug/l   | 98       |

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Operator : SY/MD  
Sample : VSTDICC100  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

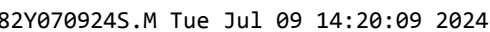
Instrument :  
MSVOA\_Y  
ClientSampleId :

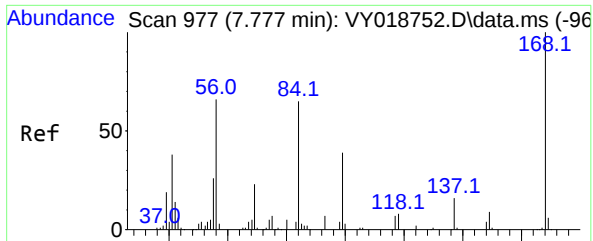
Quant Time: Jul 09 14:20:04 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 09 14:18:17 2024  
Response via : Initial Calibration

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

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

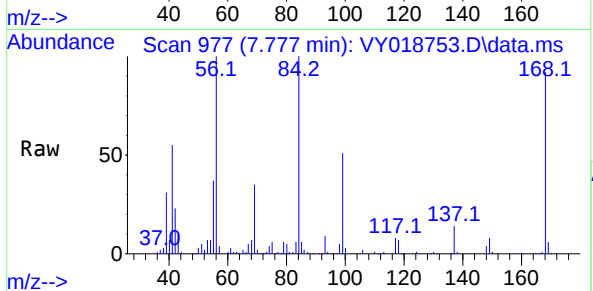
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 09 14:18:17 2024  
Response via : Initial Calibration



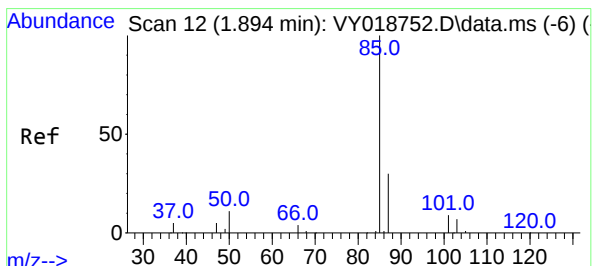
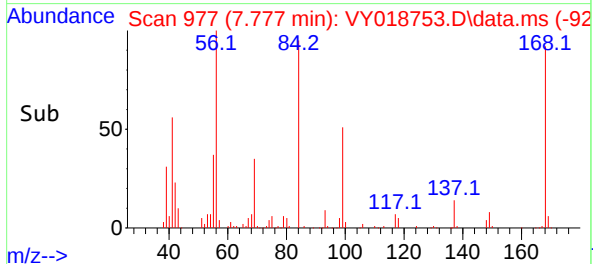
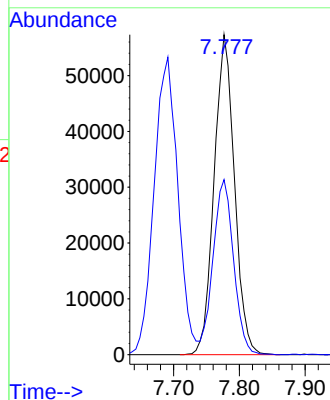


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

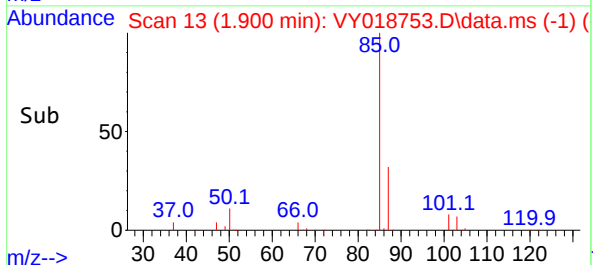
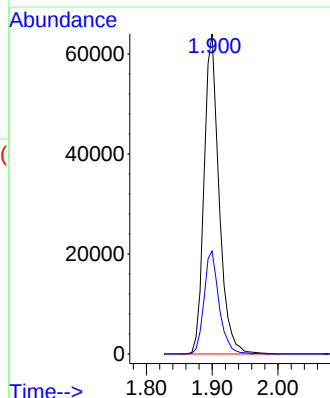
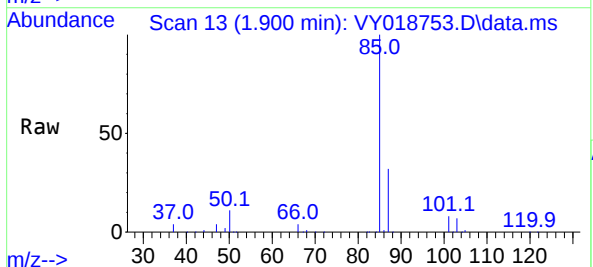


Tgt Ion:168 Resp: 123289  
Ion Ratio Lower Upper  
168 100  
99 54.7 39.1 58.7

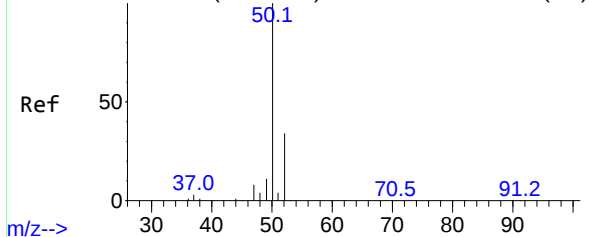


#2  
Dichlorodifluoromethane  
Concen: 98.120 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 85 Resp: 101366  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.0 48.0



Abundance Scan 46 (2.101 min): VY018752.D\data.ms (-40)



#3

Chloromethane

Concen: 92.800 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Instrument :

MSVOA\_Y

ClientSampleId :

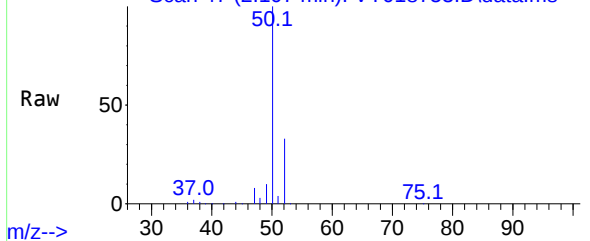
Tgt Ion: 50 Resp: 145685

Ion Ratio Lower Upper

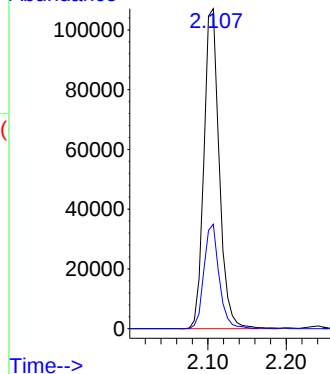
50 100

52 32.7 25.6 38.4

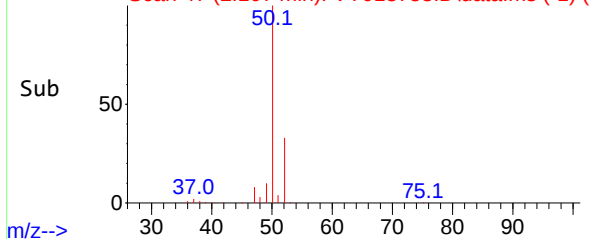
Abundance Scan 47 (2.107 min): VY018753.D\data.ms



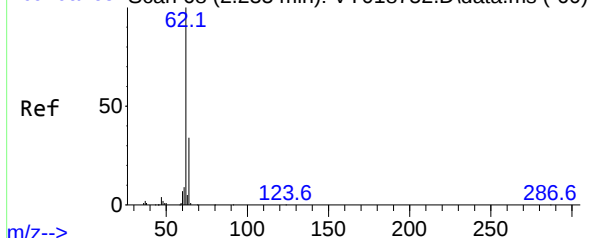
Abundance



Abundance Scan 47 (2.107 min): VY018753.D\data.ms (-1) (



Abundance Scan 68 (2.235 min): VY018752.D\data.ms (-60)



#4

Vinyl Chloride

Concen: 94.801 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.006 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

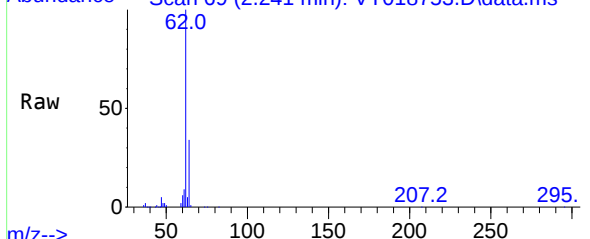
Tgt Ion: 62 Resp: 174097

Ion Ratio Lower Upper

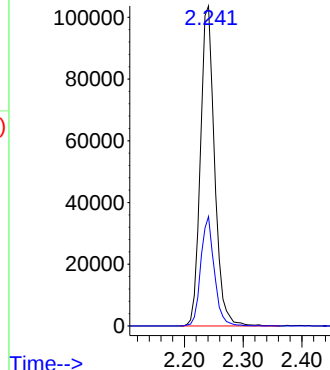
62 100

64 34.2 26.1 39.1

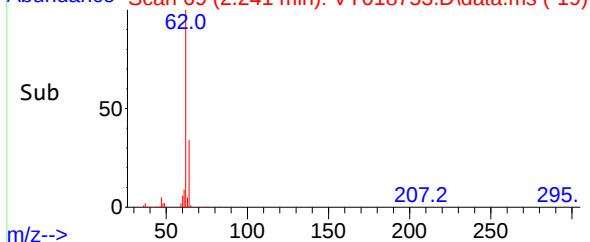
Abundance Scan 69 (2.241 min): VY018753.D\data.ms

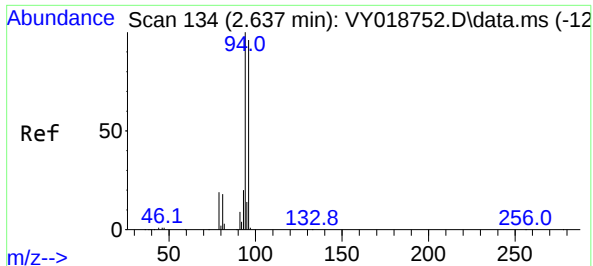


Abundance



Abundance Scan 69 (2.241 min): VY018753.D\data.ms (-19)

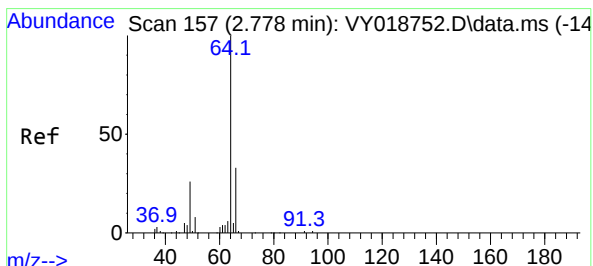
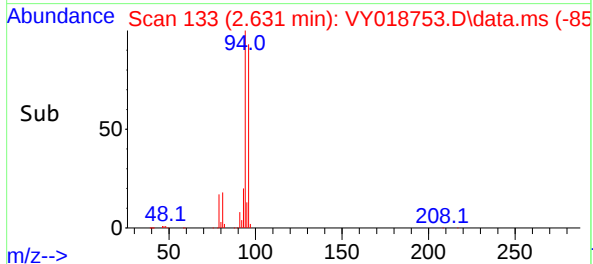
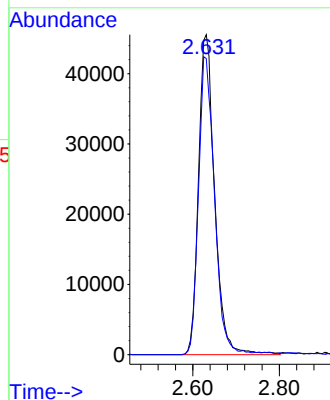
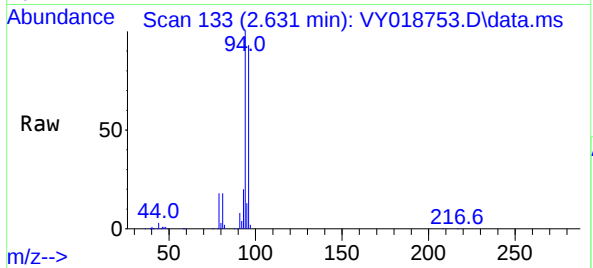




#5  
Bromomethane  
Concen: 93.258 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

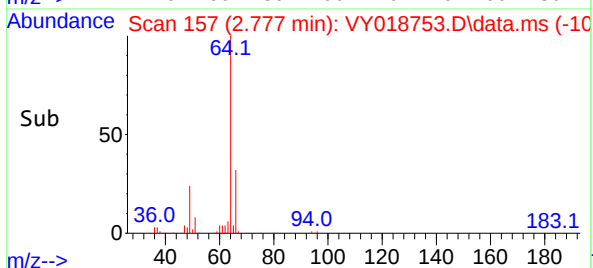
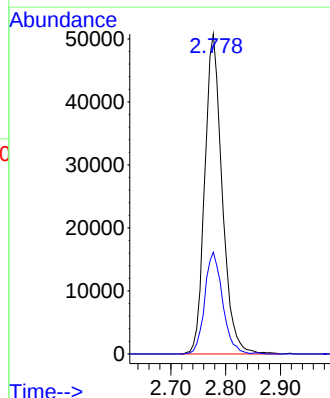
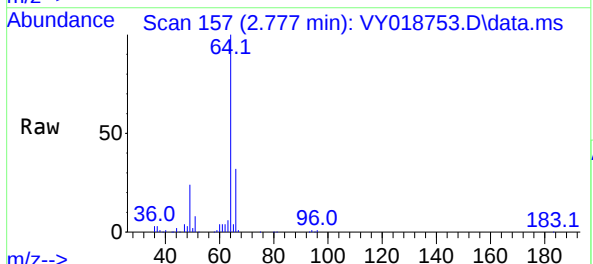
Instrument :  
MSVOA\_Y  
ClientSampleId :

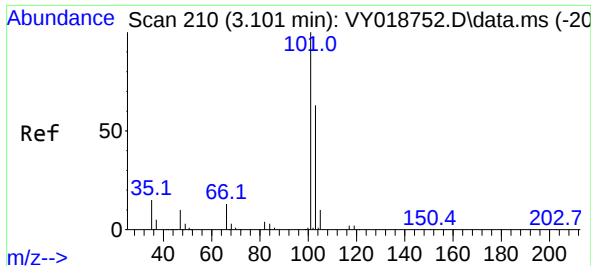
Tgt Ion: 94 Resp: 117805  
Ion Ratio Lower Upper  
94 100  
96 92.5 74.1 111.1



#6  
Chloroethane  
Concen: 93.689 ug/l  
RT: 2.777 min Scan# 157  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

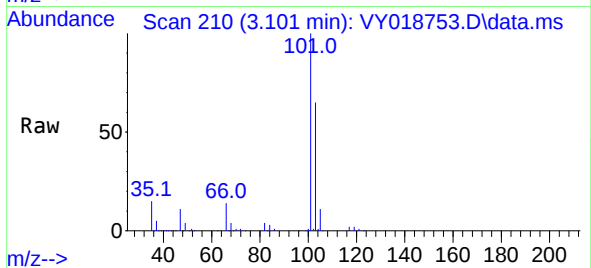
Tgt Ion: 64 Resp: 111781  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.1 39.1



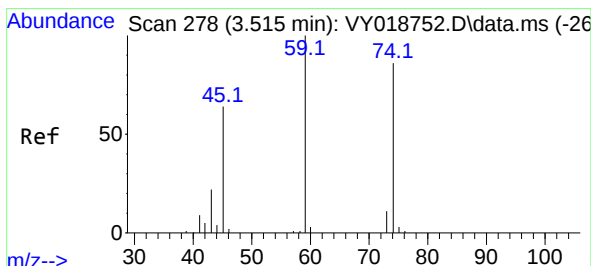
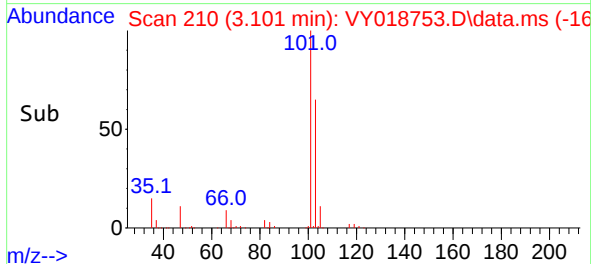
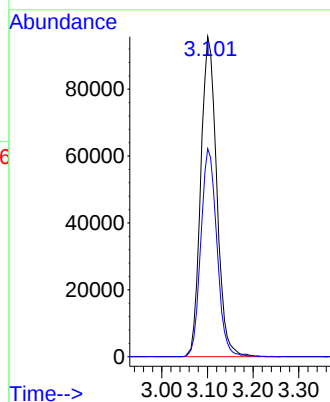


#7  
Trichlorofluoromethane  
Concen: 96.465 ug/l  
RT: 3.101 min Scan# 210  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

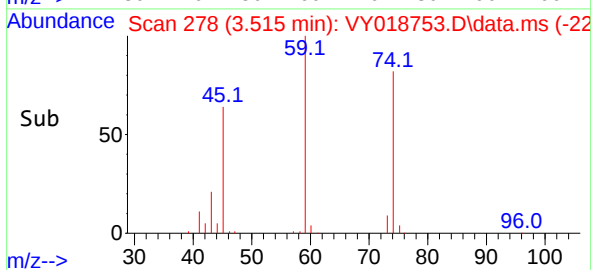
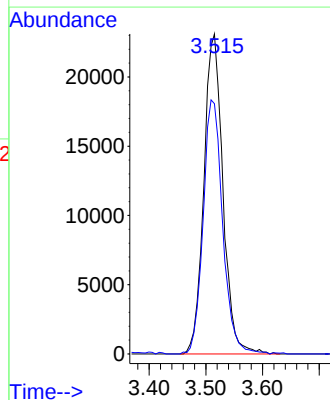
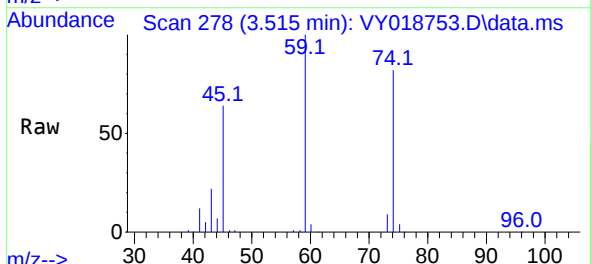


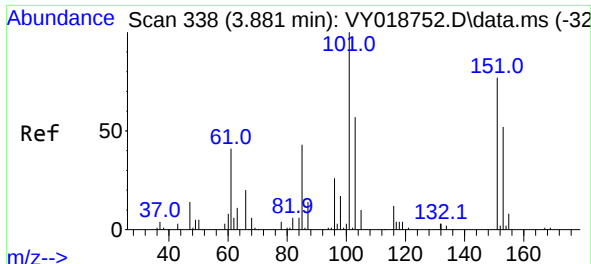
Tgt Ion:101 Resp: 231492  
Ion Ratio Lower Upper  
101 100  
103 65.0 49.3 73.9



#8  
Diethyl Ether  
Concen: 92.276 ug/l  
RT: 3.515 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

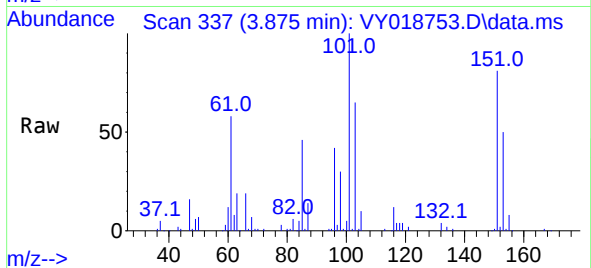
Tgt Ion: 74 Resp: 53972  
Ion Ratio Lower Upper  
74 100  
45 81.4 41.3 124.1



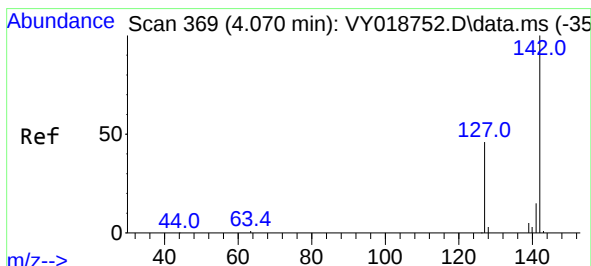
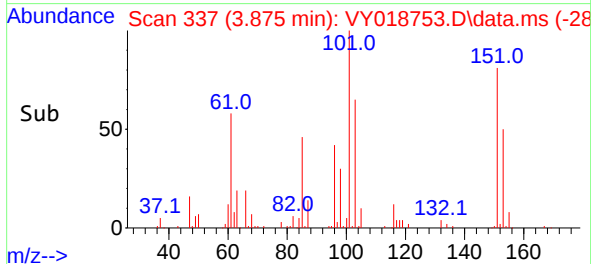
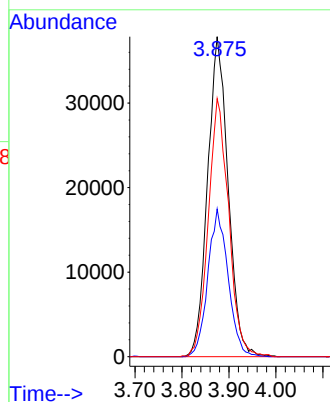


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 93.286 ug/l  
RT: 3.875 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

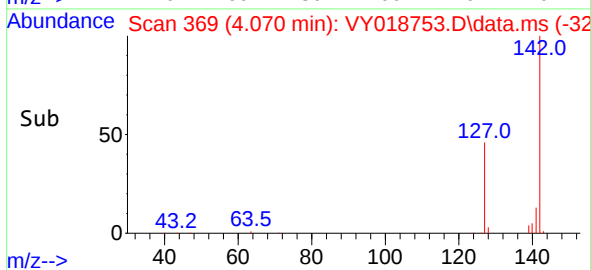
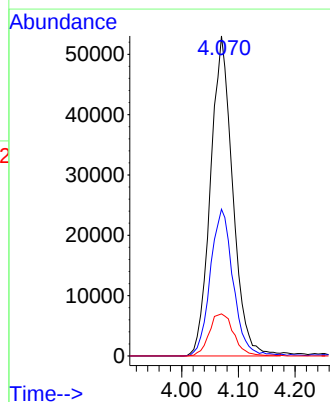
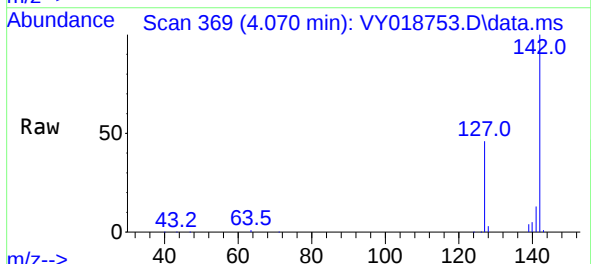


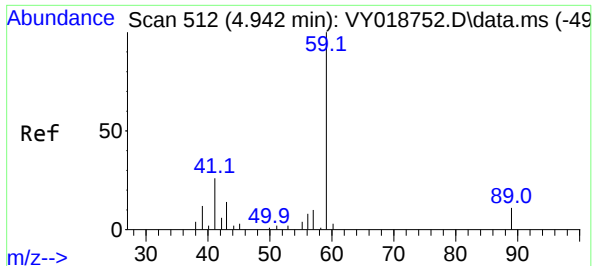
Tgt Ion:101 Resp: 114858  
Ion Ratio Lower Upper  
101 100  
85 45.5 34.5 51.7  
151 80.4 61.7 92.5



#10  
Methyl Iodide  
Concen: 108.726 ug/l  
RT: 4.070 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:142 Resp: 144156  
Ion Ratio Lower Upper  
142 100  
127 47.3 32.8 49.2  
141 14.5 11.4 17.2

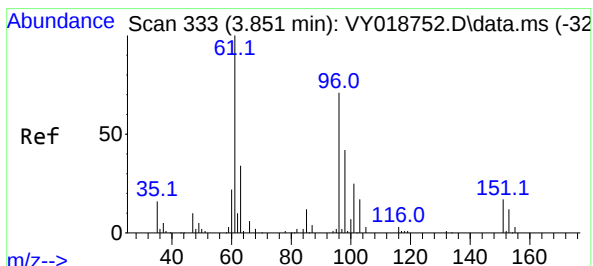
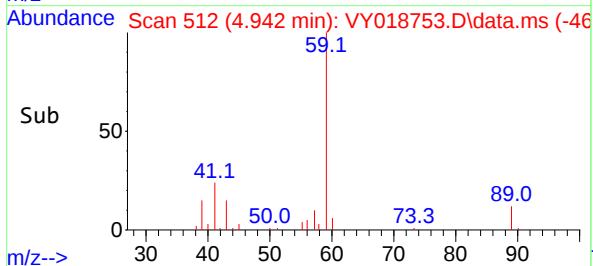
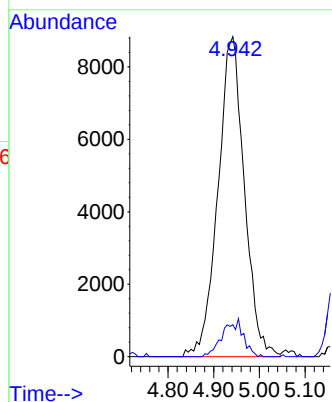
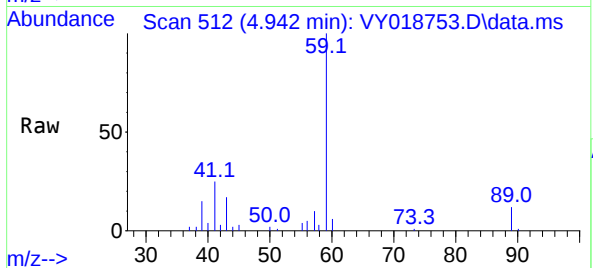




#11  
Tert butyl alcohol  
Concen: 288.901 ug/l  
RT: 4.942 min Scan# 512  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

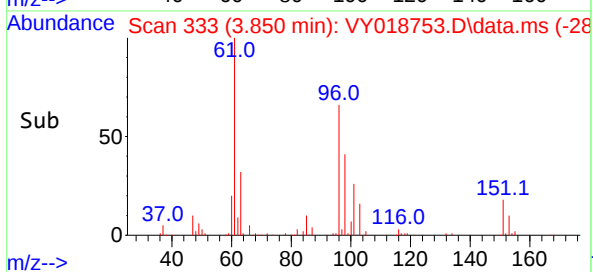
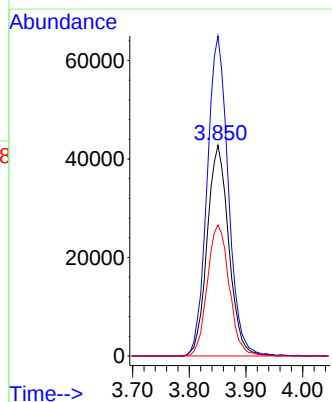
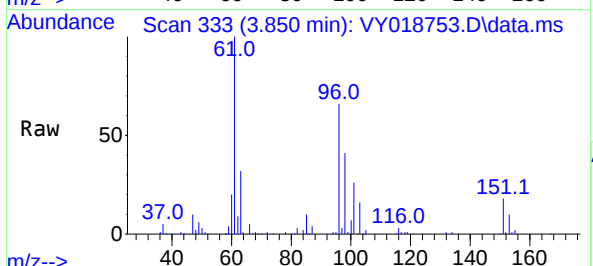
Instrument :  
MSVOA\_Y  
ClientSampleId :

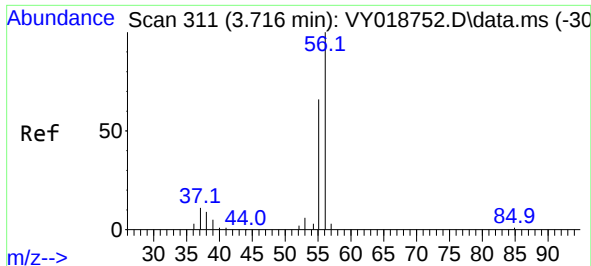
Tgt Ion: 59 Resp: 35505  
Ion Ratio Lower Upper  
59 100  
57 4.4 3.0 4.6



#12  
1,1-Dichloroethene  
Concen: 94.970 ug/l  
RT: 3.850 min Scan# 333  
Delta R.T. -0.001 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

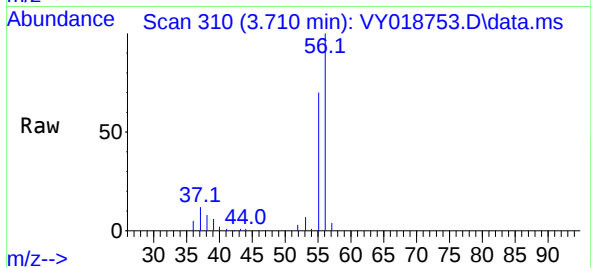
Tgt Ion: 96 Resp: 113121  
Ion Ratio Lower Upper  
96 100  
61 151.9 114.6 171.8  
98 62.2 50.8 76.2



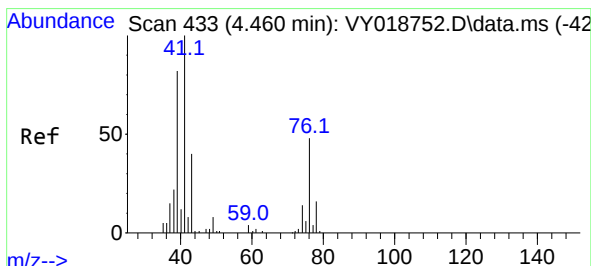
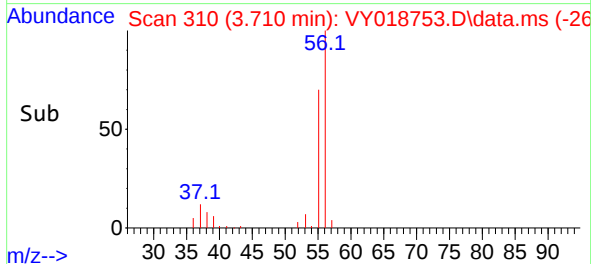
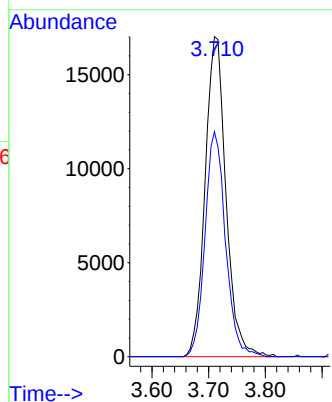


#13  
Acrolein  
Concen: 442.388 ug/l  
RT: 3.710 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

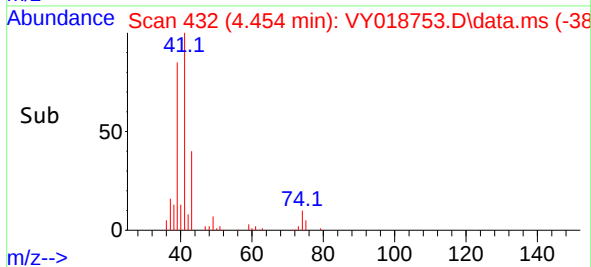
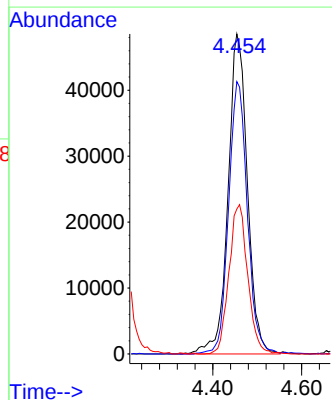
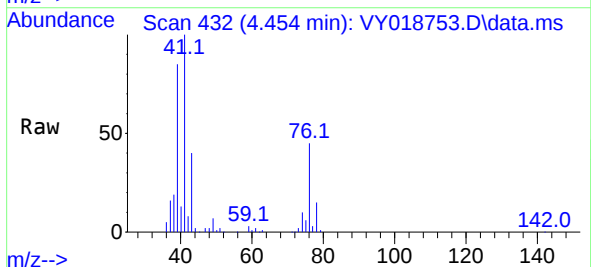


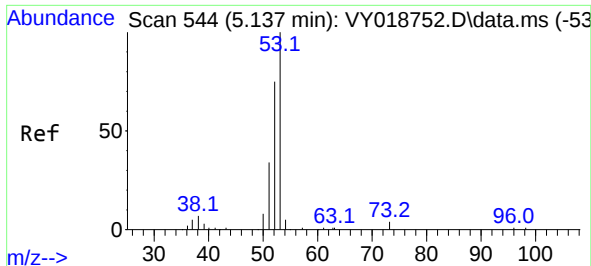
Tgt Ion: 56 Resp: 43559  
Ion Ratio Lower Upper  
56 100  
55 69.0 55.7 83.5



#14  
Allyl chloride  
Concen: 99.183 ug/l  
RT: 4.454 min Scan# 432  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

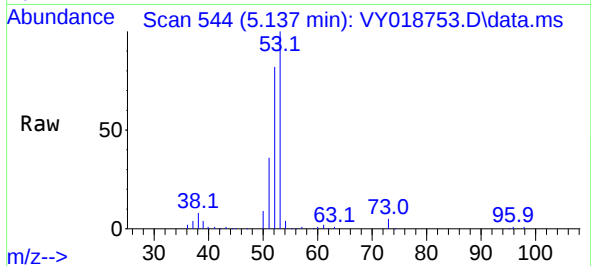
Tgt Ion: 41 Resp: 146360  
Ion Ratio Lower Upper  
41 100  
39 82.4 58.3 87.5  
76 45.3 39.0 58.6



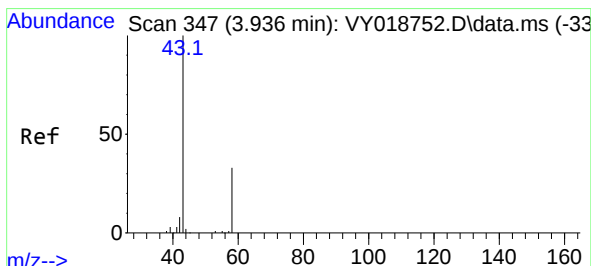
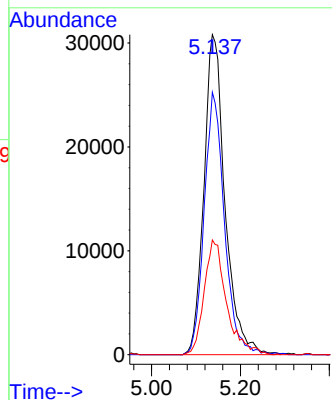


#15  
Acrylonitrile  
Concen: 441.247 ug/l  
RT: 5.137 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

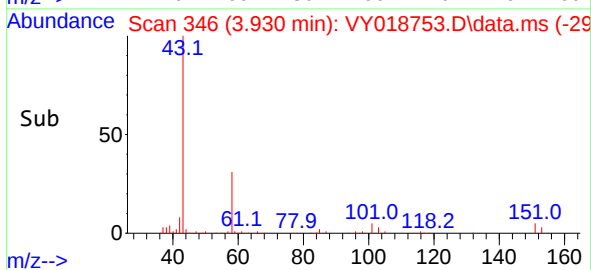
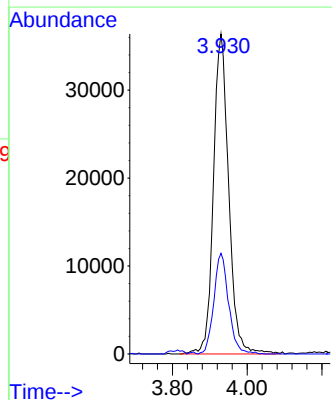
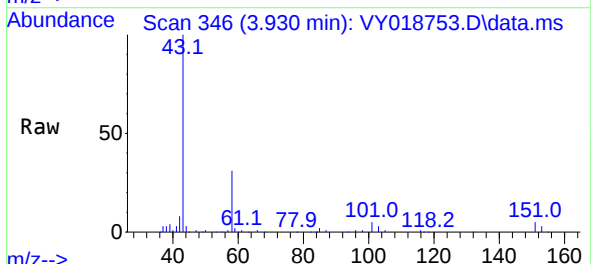


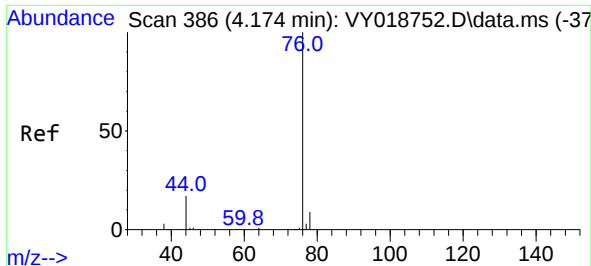
Tgt Ion: 53 Resp: 101814  
Ion Ratio Lower Upper  
53 100  
52 78.7 64.7 97.1  
51 37.9 28.4 42.6



#16  
Acetone  
Concen: 460.253 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 43 Resp: 102943  
Ion Ratio Lower Upper  
43 100  
58 31.5 31.7 47.5#

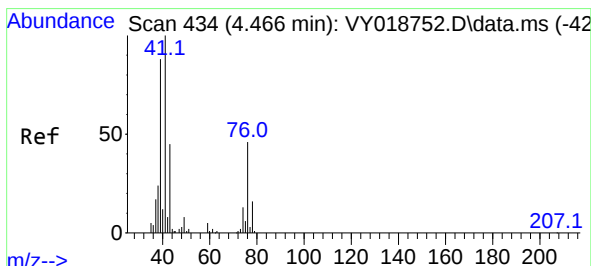
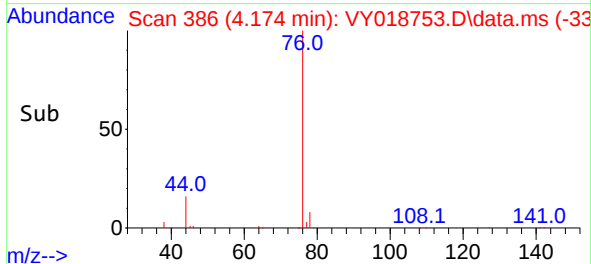
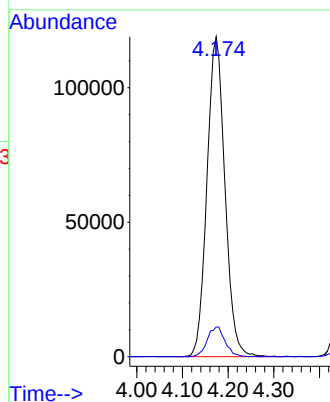
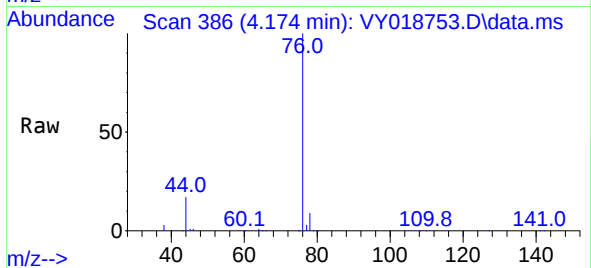




#17  
Carbon Disulfide  
Concen: 97.284 ug/l  
RT: 4.174 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

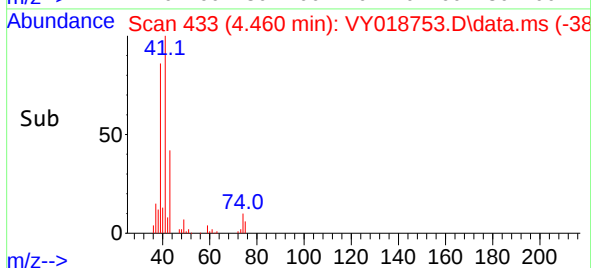
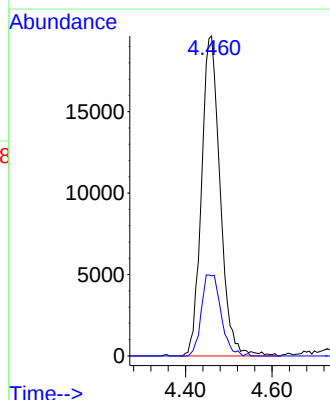
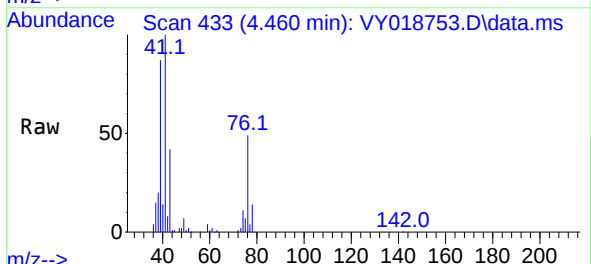
Instrument :  
MSVOA\_Y  
ClientSampleId :

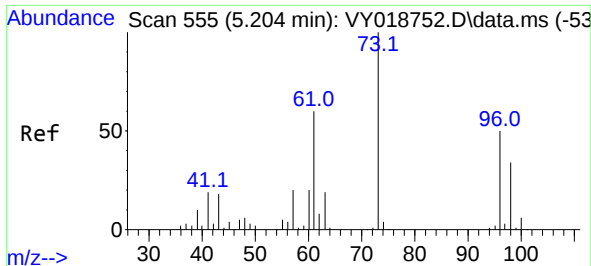
Tgt Ion: 76 Resp: 324471  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.8 10.2



#18  
Methyl Acetate  
Concen: 90.297 ug/l  
RT: 4.460 min Scan# 433  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 43 Resp: 58683  
Ion Ratio Lower Upper  
43 100  
74 26.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 92.116 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Instrument :

MSVOA\_Y

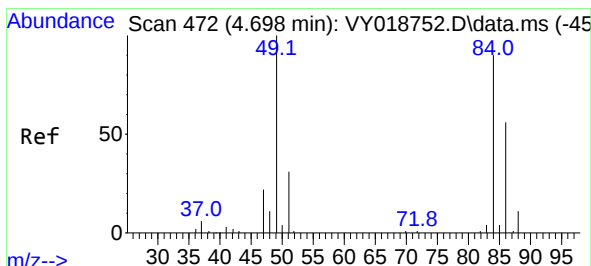
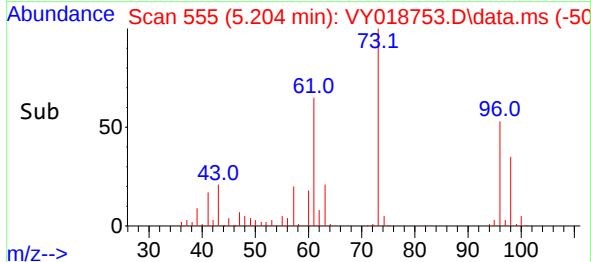
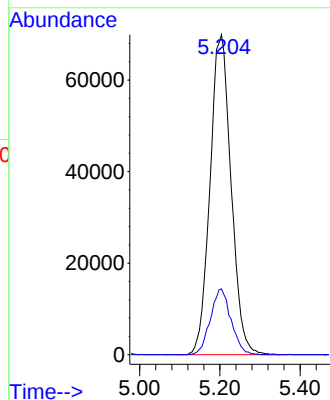
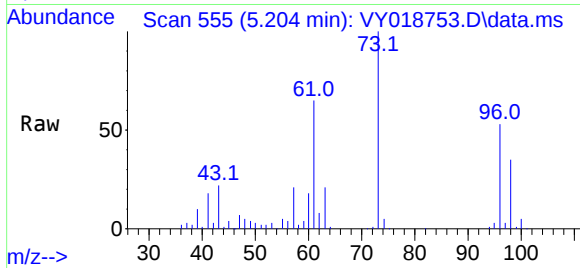
ClientSampleId :

Tgt Ion: 73 Resp: 254531

Ion Ratio Lower Upper

73 100

57 20.6 17.3 25.9



#20

Methylene Chloride

Concen: 98.545 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Tgt Ion: 84 Resp: 118720

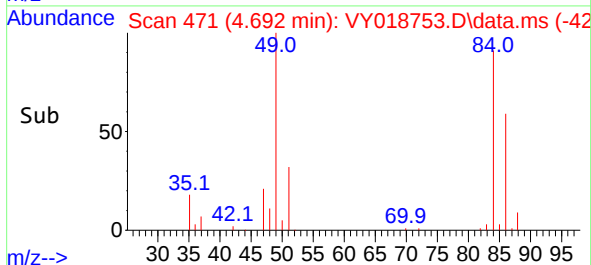
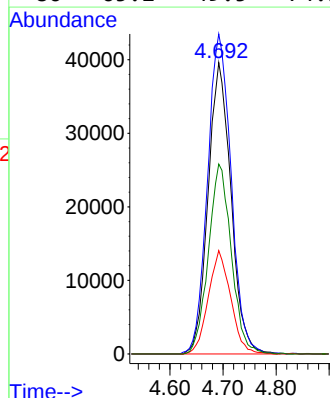
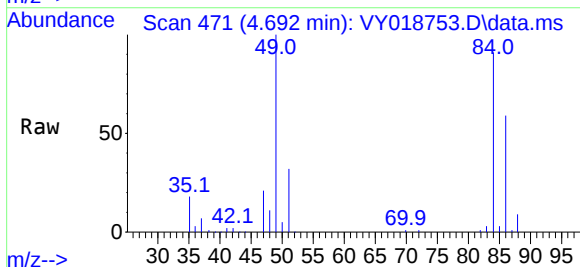
Ion Ratio Lower Upper

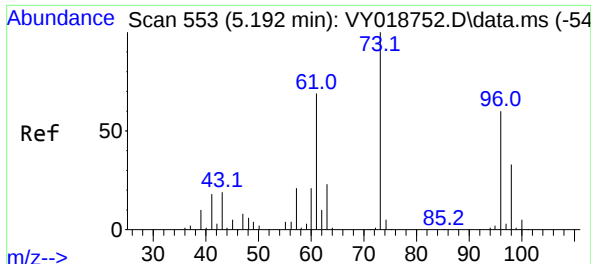
84 100

49 109.8 84.4 126.6

51 35.5 26.0 39.0

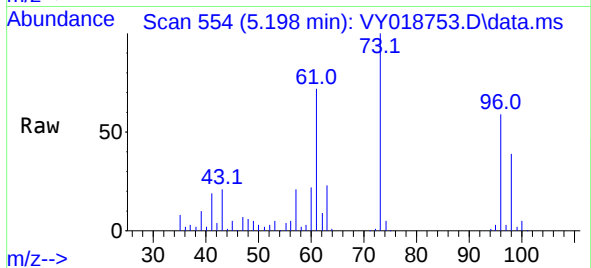
86 65.2 49.5 74.3



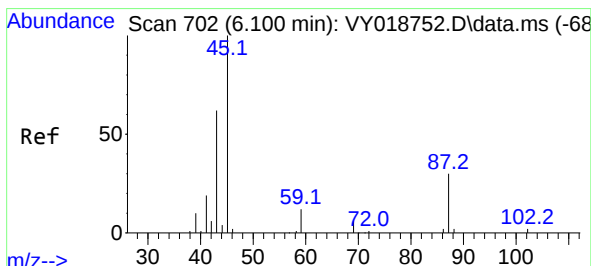
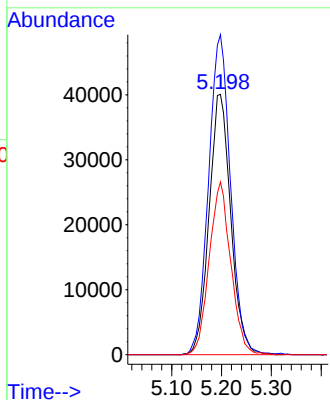
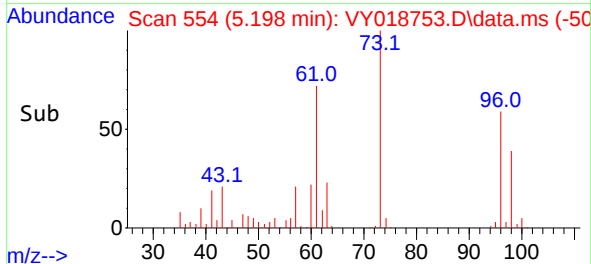


#21  
trans-1,2-Dichloroethene  
Concen: 96.623 ug/l  
RT: 5.198 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

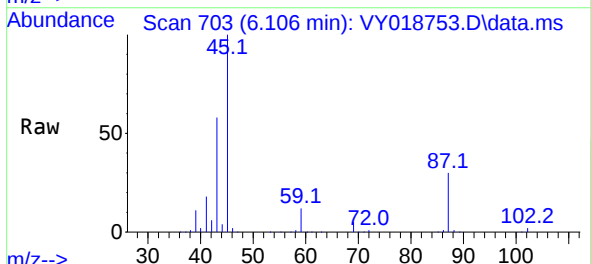
Instrument :  
MSVOA\_Y  
ClientSampleId :



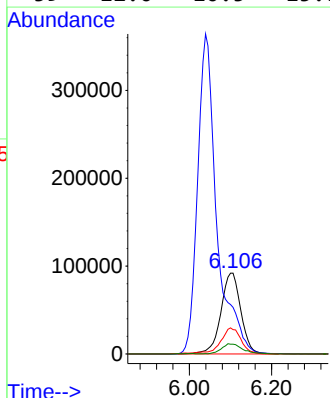
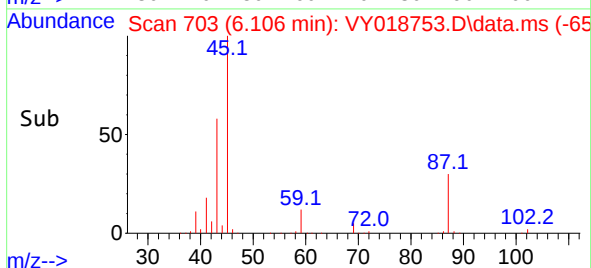
Tgt Ion: 96 Resp: 121470  
Ion Ratio Lower Upper  
96 100  
61 122.9 97.5 146.3  
98 66.3 50.5 75.7

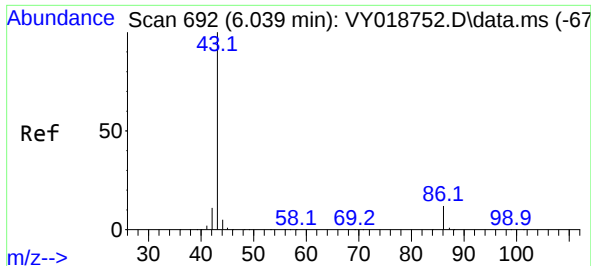


#22  
Diisopropyl ether  
Concen: 96.553 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48



Tgt Ion: 45 Resp: 309926  
Ion Ratio Lower Upper  
45 100  
43 57.2 42.2 63.2  
87 30.0 25.0 37.6  
59 12.0 10.5 15.7

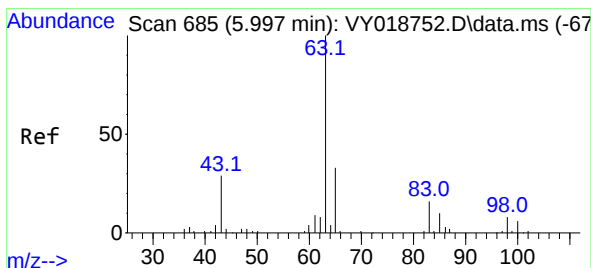
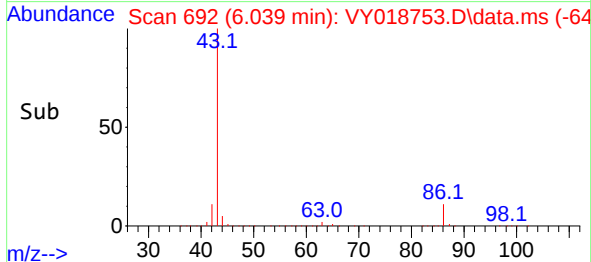
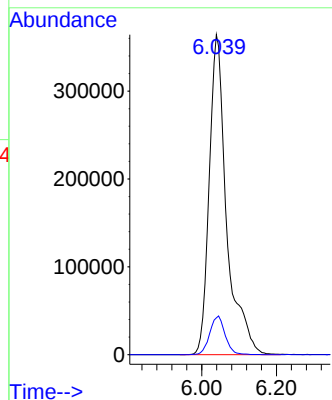
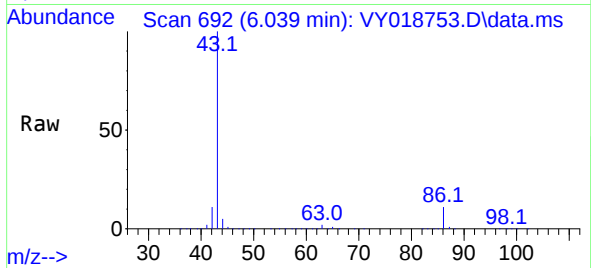




#23  
Vinyl Acetate  
Concen: 465.528 ug/l  
RT: 6.039 min Scan# 692  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

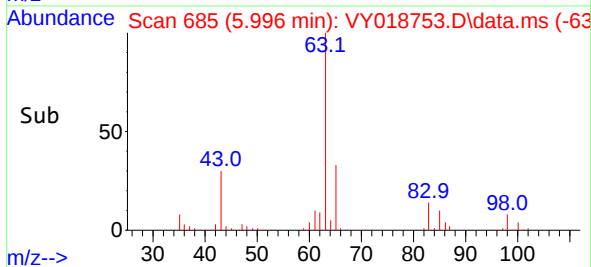
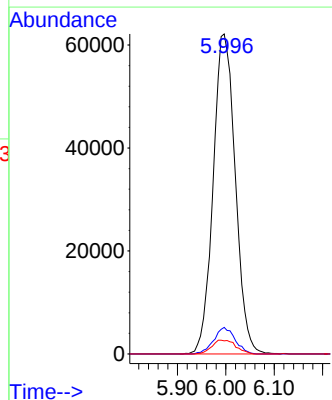
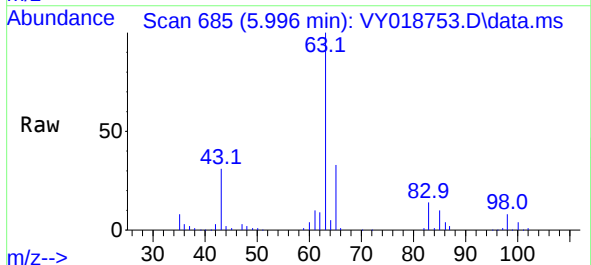
Instrument :  
MSVOA\_Y  
ClientSampleId :

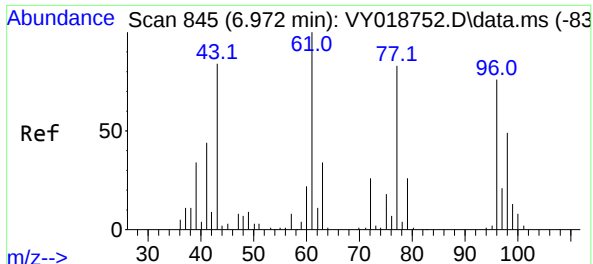
Tgt Ion: 43 Resp: 1177253  
Ion Ratio Lower Upper  
43 100  
86 11.5 10.6 16.0



#24  
1,1-Dichloroethane  
Concen: 96.448 ug/l  
RT: 5.996 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 63 Resp: 197665  
Ion Ratio Lower Upper  
63 100  
98 8.3 4.0 12.2  
100 4.1 2.6 8.0

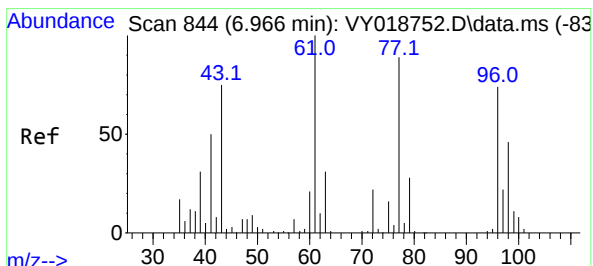
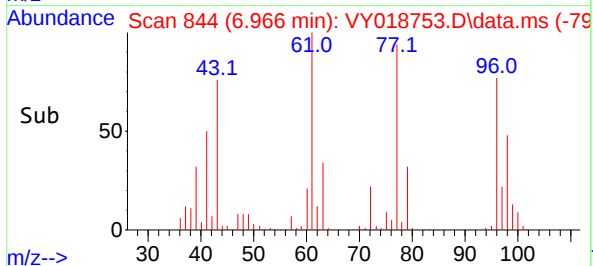
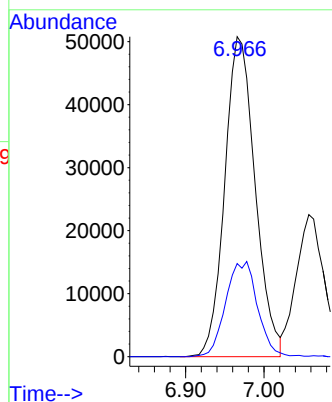
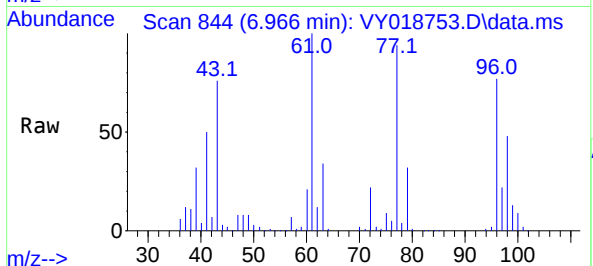




#25  
2-Butanone  
Concen: 437.057 ug/l  
RT: 6.966 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

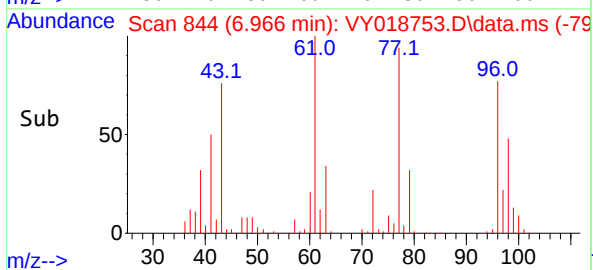
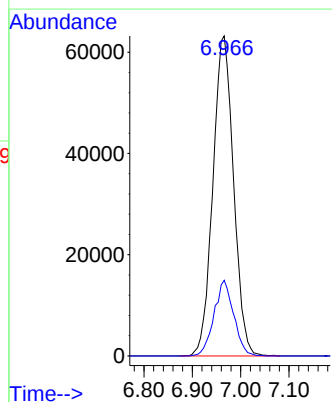
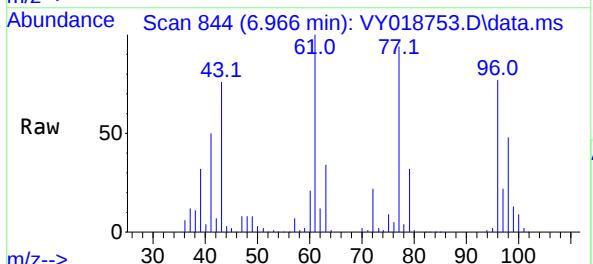
Instrument :  
MSVOA\_Y  
ClientSampleId :

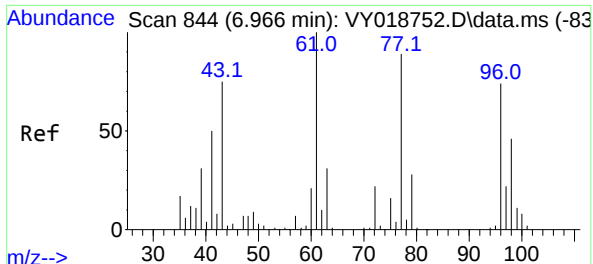
Tgt Ion: 43 Resp: 137025  
Ion Ratio Lower Upper  
43 100  
72 29.1 27.3 40.9



#26  
2,2-Dichloropropane  
Concen: 98.557 ug/l  
RT: 6.966 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

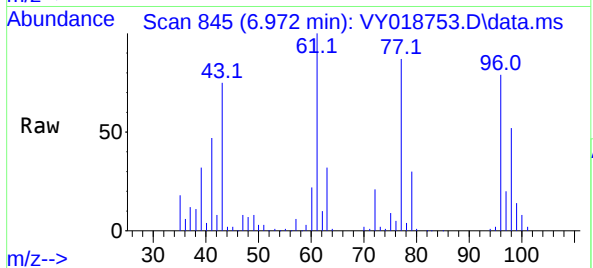
Tgt Ion: 77 Resp: 187415  
Ion Ratio Lower Upper  
77 100  
97 22.5 12.0 36.1



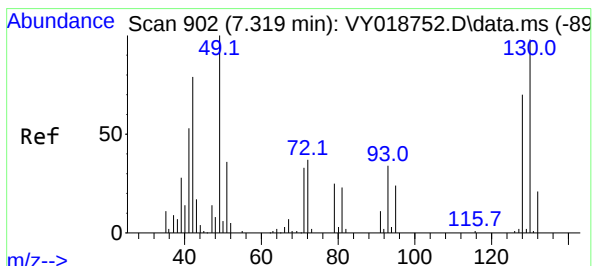
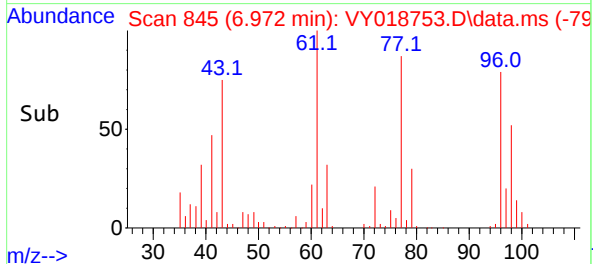
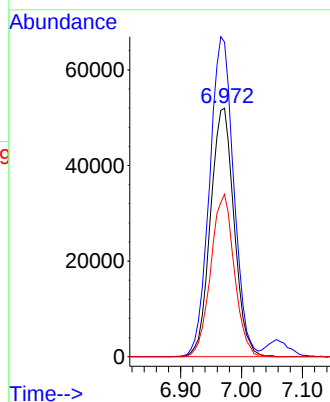


#27  
cis-1,2-Dichloroethene  
Concen: 95.787 ug/l  
RT: 6.972 min Scan# 844  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

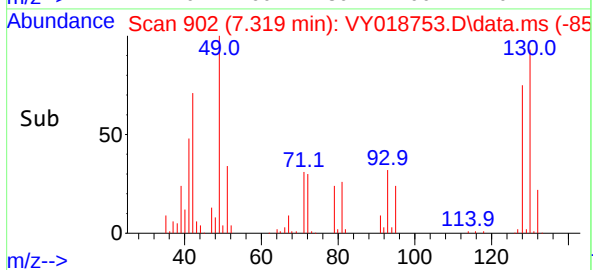
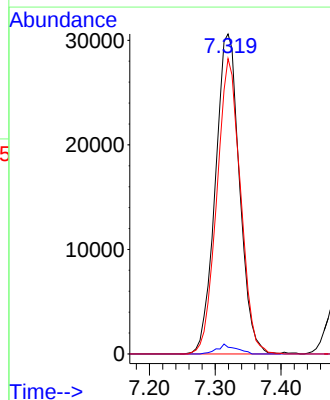
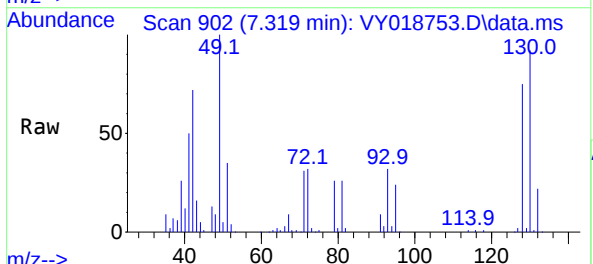


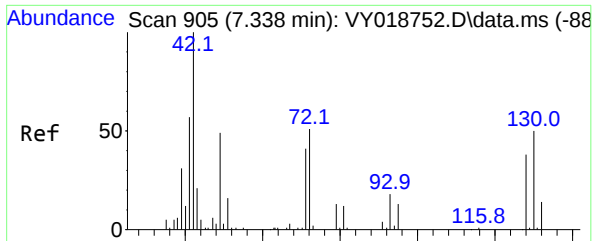
Tgt Ion: 96 Resp: 140199  
Ion Ratio Lower Upper  
96 100  
61 131.8 0.0 256.2  
98 65.2 0.0 130.0



#28  
Bromochloromethane  
Concen: 94.783 ug/l  
RT: 7.319 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

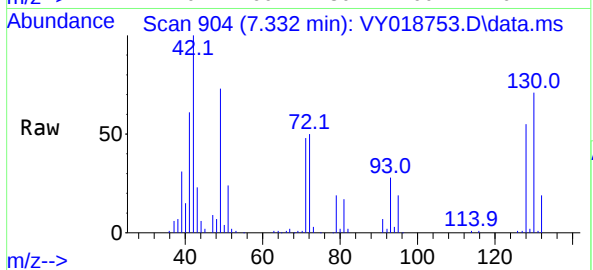
Tgt Ion: 49 Resp: 78020  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 4.6  
130 90.4 72.7 109.1



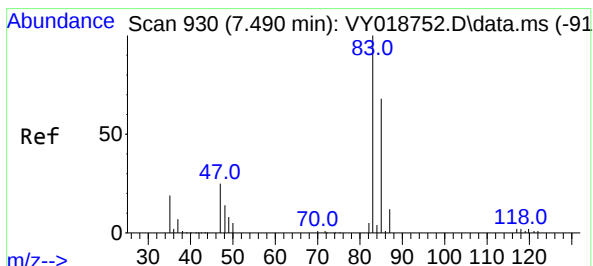
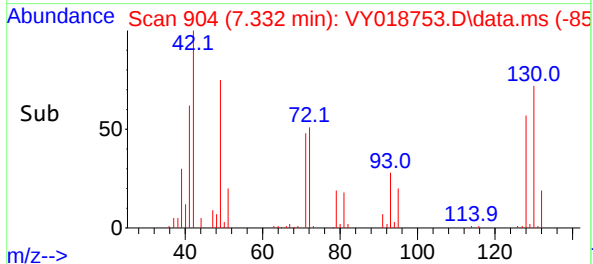
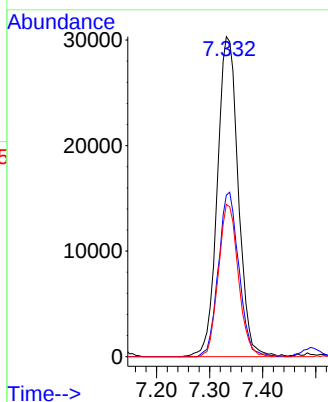


#29  
Tetrahydrofuran  
Concen: 431.736 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

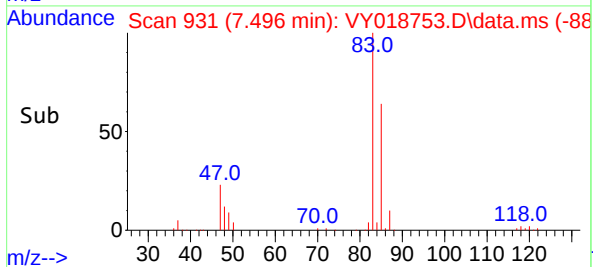
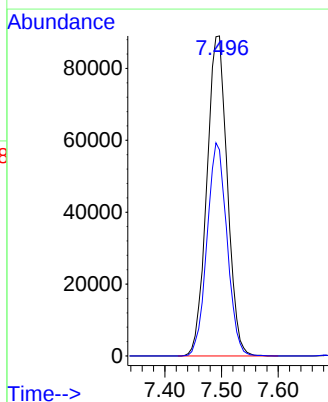
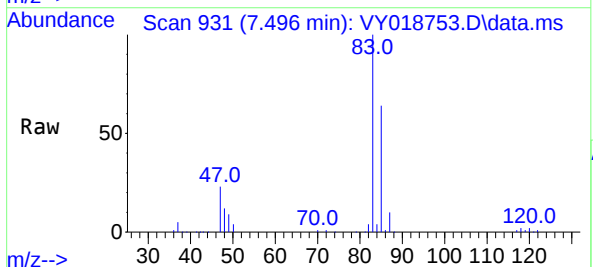


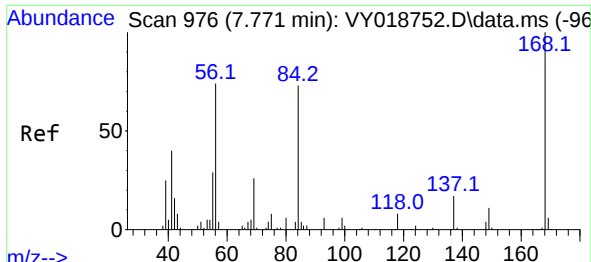
Tgt Ion: 42 Resp: 82982  
Ion Ratio Lower Upper  
42 100  
72 50.3 43.0 64.4  
71 45.4 40.8 61.2



#30  
Chloroform  
Concen: 97.757 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

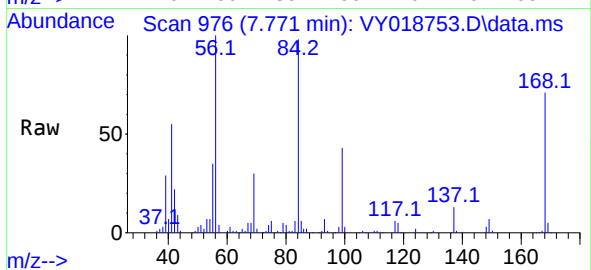
Tgt Ion: 83 Resp: 223287  
Ion Ratio Lower Upper  
83 100  
85 64.4 52.2 78.4



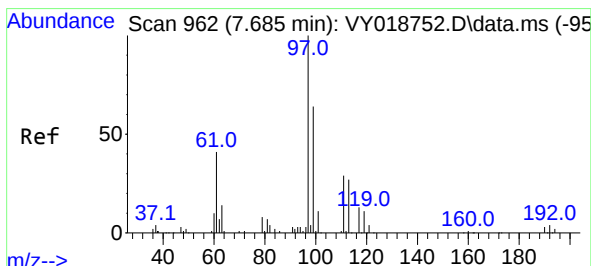
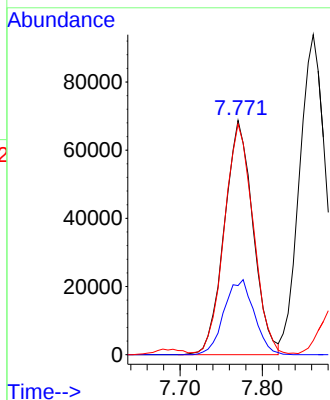
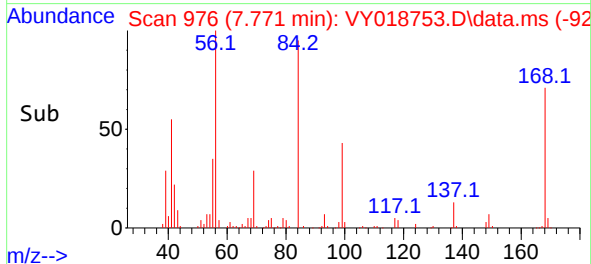


#31  
Cyclohexane  
Concen: 89.499 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

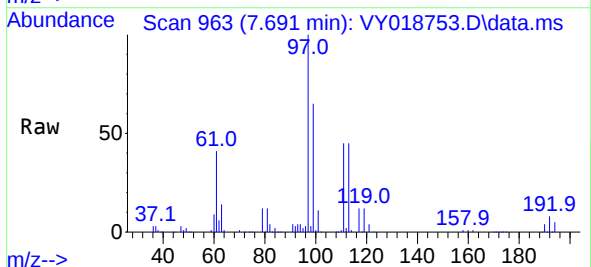
Instrument :  
MSVOA\_Y  
ClientSampleId :



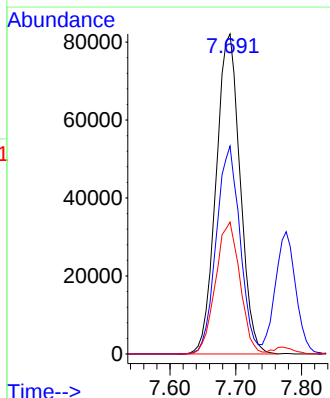
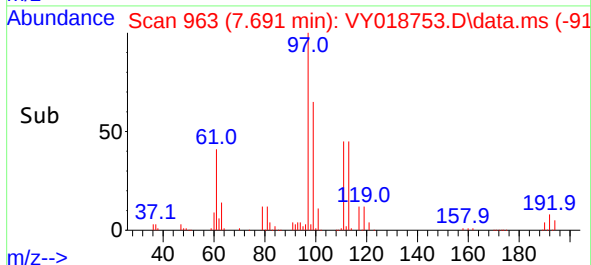
Tgt Ion: 56 Resp: 166812  
Ion Ratio Lower Upper  
56 100  
69 29.5 28.7 43.1  
84 96.7 77.7 116.5

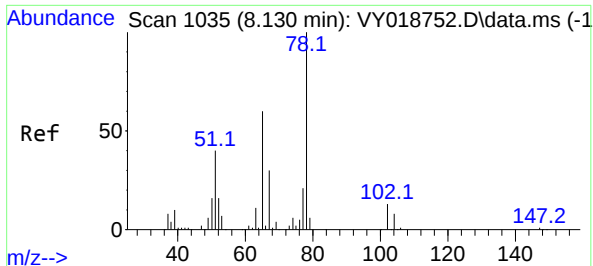


#32  
1,1,1-Trichloroethane  
Concen: 98.285 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48



Tgt Ion: 97 Resp: 208754  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.3 75.5  
61 42.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 96.130 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Instrument :

MSVOA\_Y

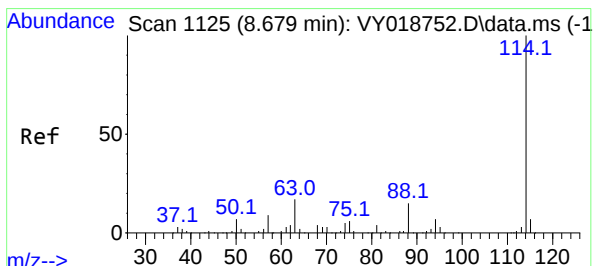
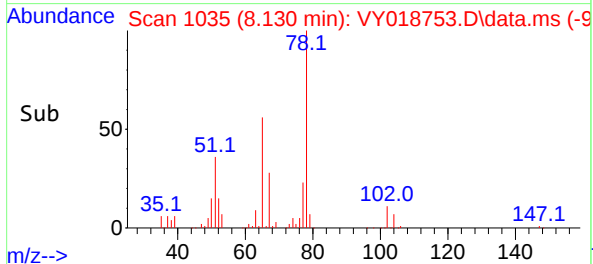
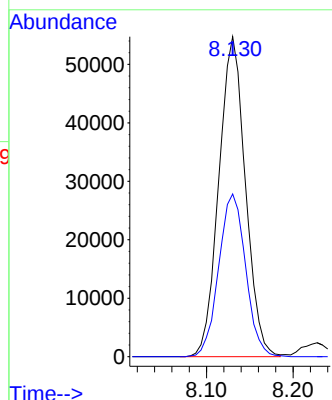
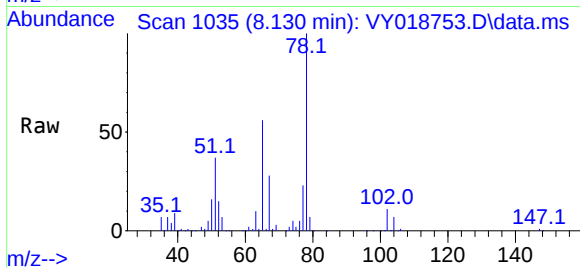
ClientSampleId :

Tgt Ion: 65 Resp: 116624

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

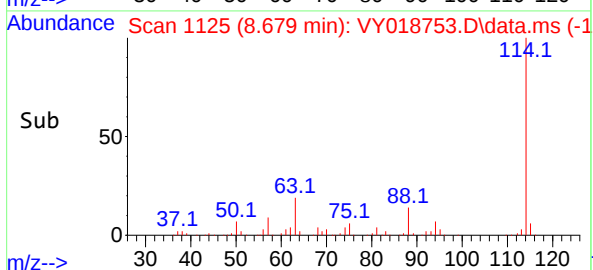
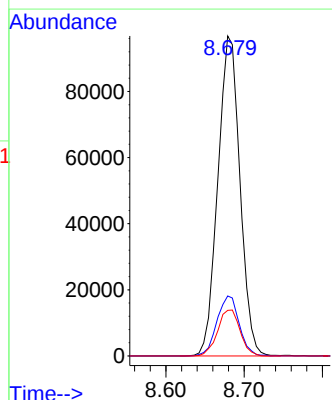
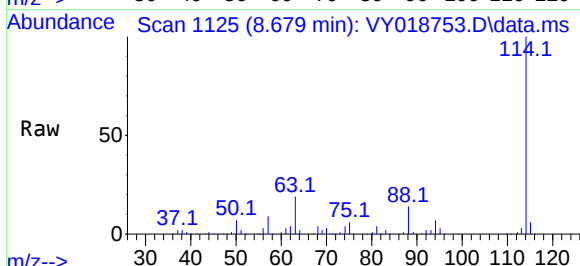
Tgt Ion: 114 Resp: 189888

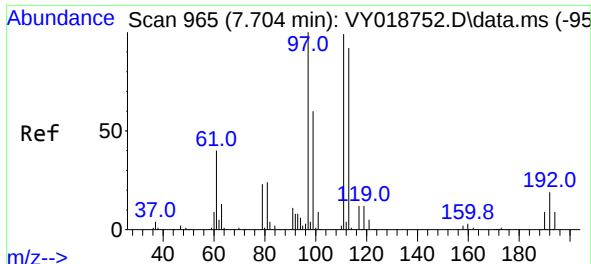
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

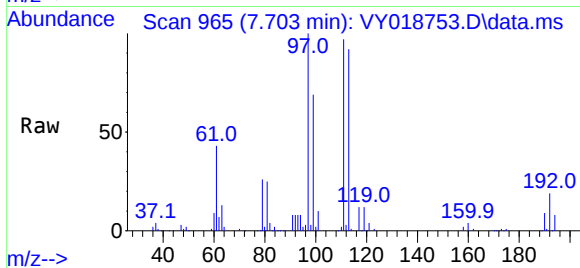
88 14.3 0.0 27.2



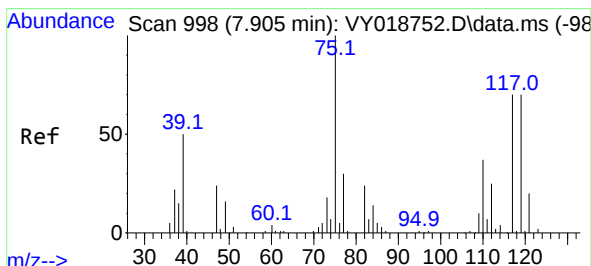
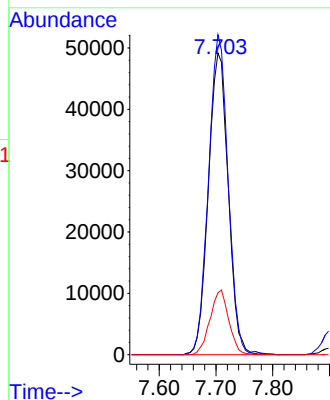
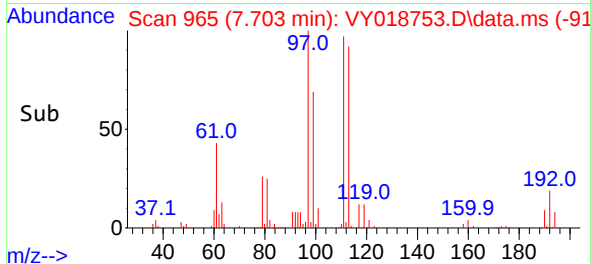


#35  
Dibromofluoromethane  
Concen: 100.379 ug/l  
RT: 7.703 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

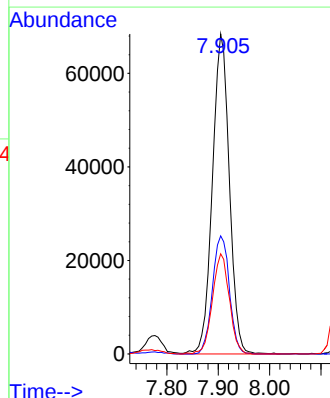
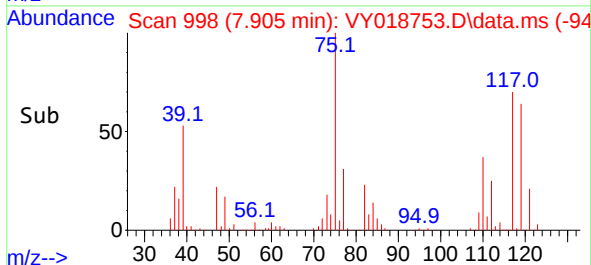
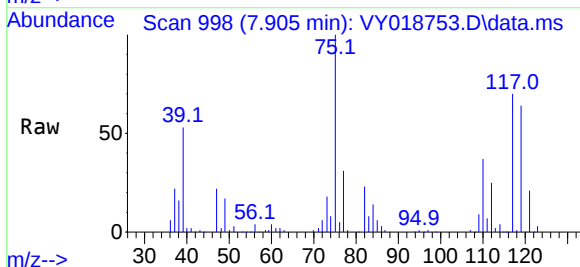


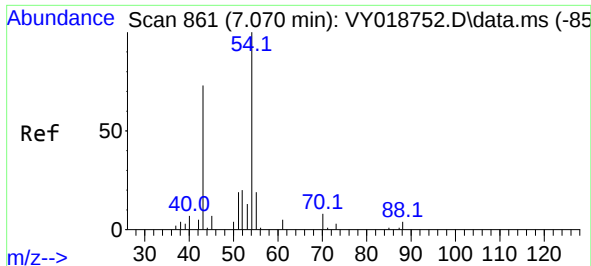
Tgt Ion:113 Resp: 119381  
Ion Ratio Lower Upper  
113 100  
111 104.9 82.2 123.4  
192 20.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 95.463 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

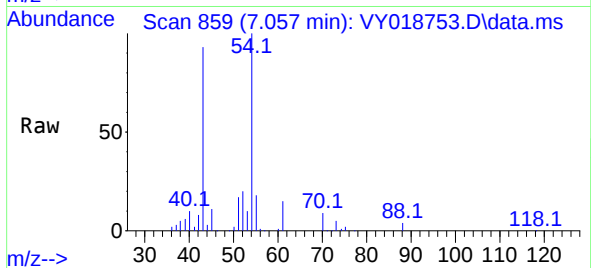
Tgt Ion: 75 Resp: 156681  
Ion Ratio Lower Upper  
75 100  
110 36.9 19.0 57.0  
77 31.2 25.3 37.9



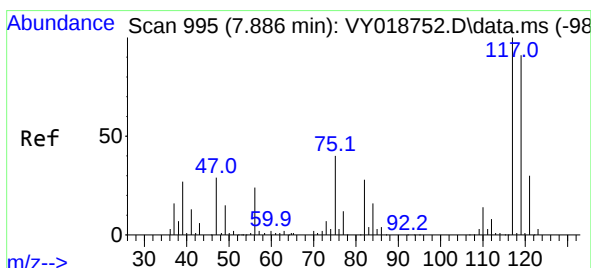
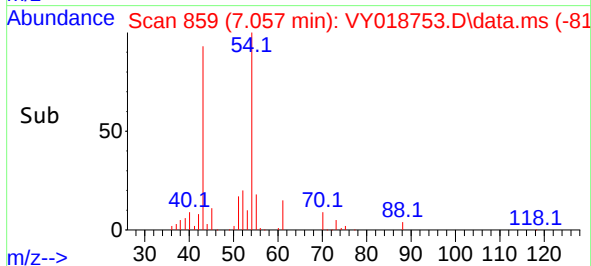
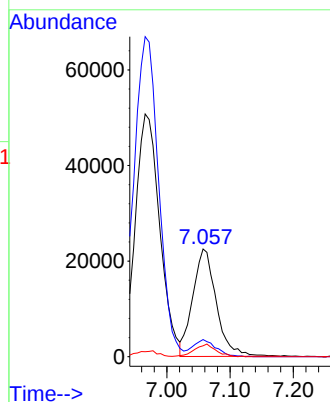


#37  
Ethyl Acetate  
Concen: 85.095 ug/l  
RT: 7.057 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

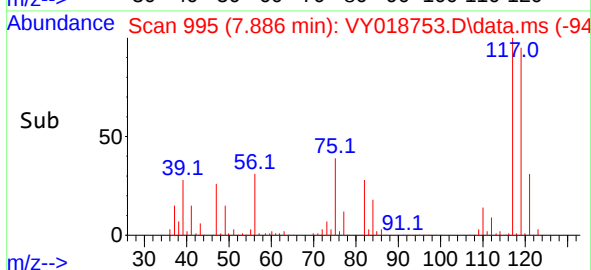
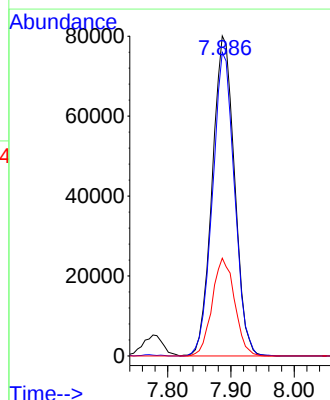
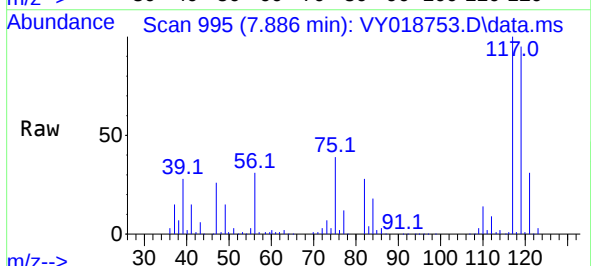


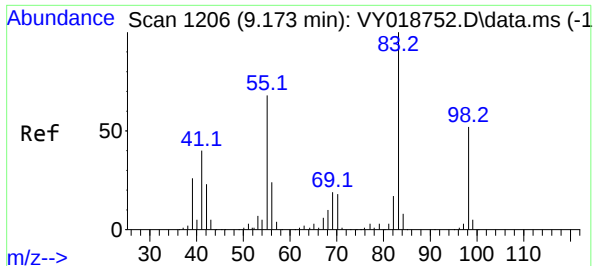
Tgt Ion: 43 Resp: 58053  
Ion Ratio Lower Upper  
43 100  
61 15.7 12.6 19.0  
70 10.7 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 98.920 ug/l  
RT: 7.886 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:117 Resp: 195545  
Ion Ratio Lower Upper  
117 100  
119 94.9 75.8 113.6  
121 30.6 24.0 36.0

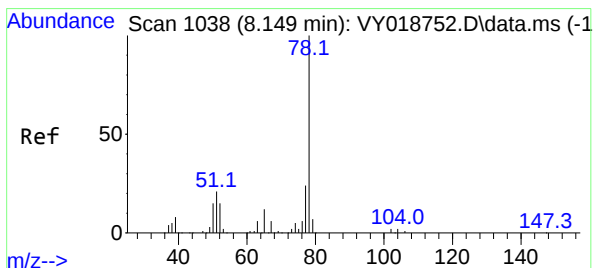
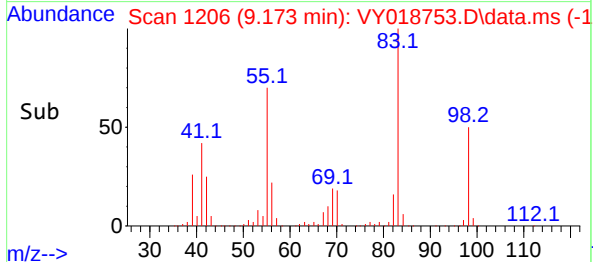
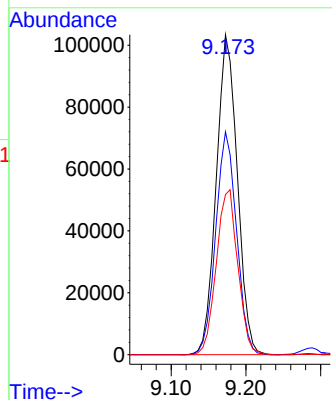
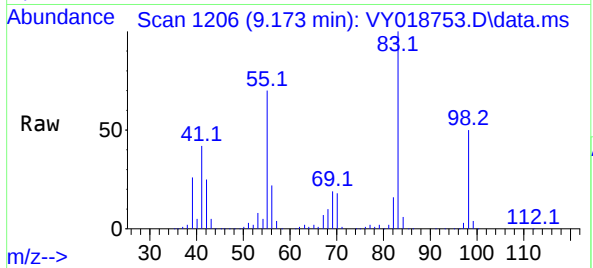




#39  
Methylcyclohexane  
Concen: 96.348 ug/l  
RT: 9.173 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

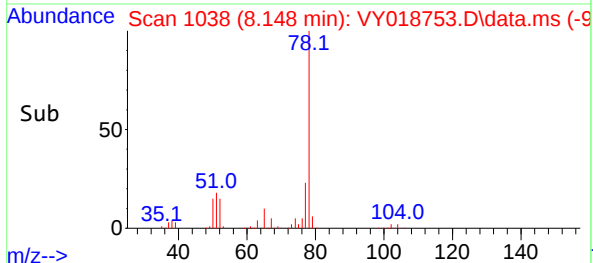
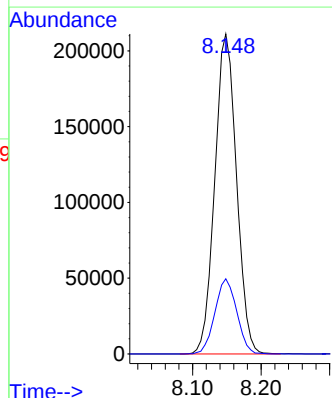
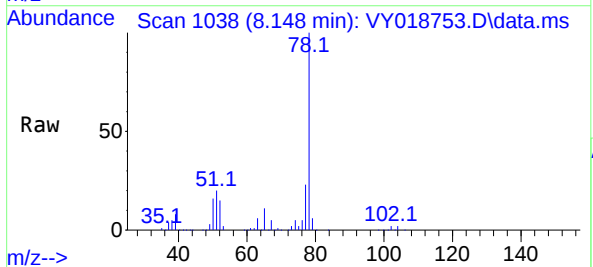
Instrument :  
MSVOA\_Y  
ClientSampleId :

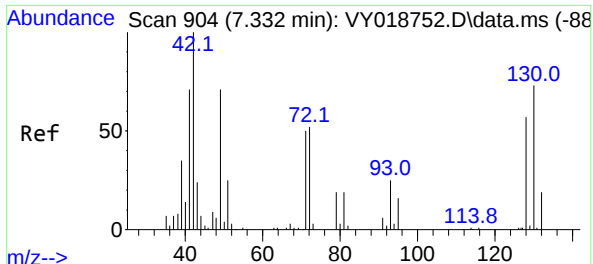
Tgt Ion: 83 Resp: 202650  
Ion Ratio Lower Upper  
83 100  
55 69.7 51.5 77.3  
98 50.0 40.5 60.7



#40  
Benzene  
Concen: 97.361 ug/l  
RT: 8.148 min Scan# 1038  
Delta R.T. -0.001 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

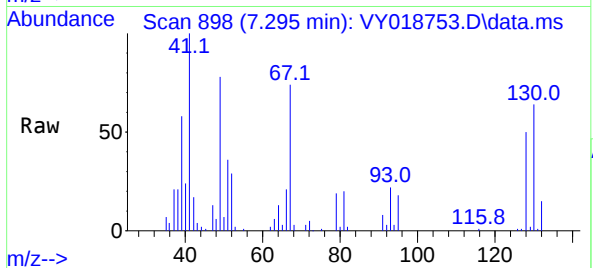
Tgt Ion: 78 Resp: 463555  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.5 29.3



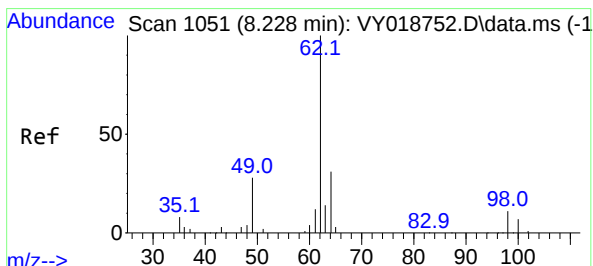
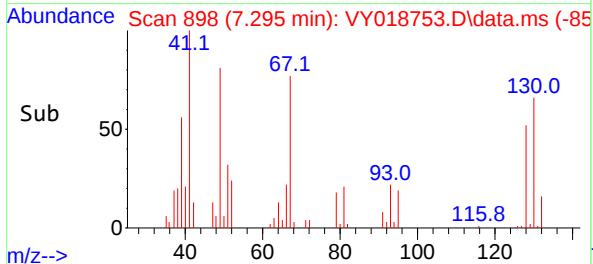
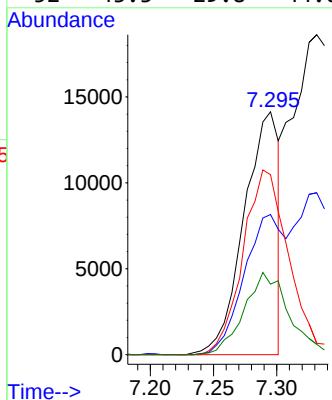


#41  
Methacrylonitrile  
Concen: 73.414 ug/l  
RT: 7.295 min Scan# 898  
Delta R.T. -0.037 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

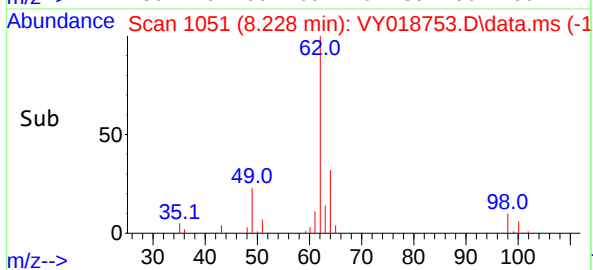
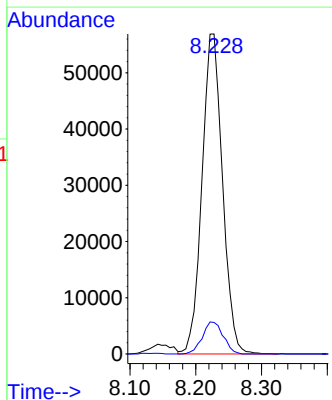
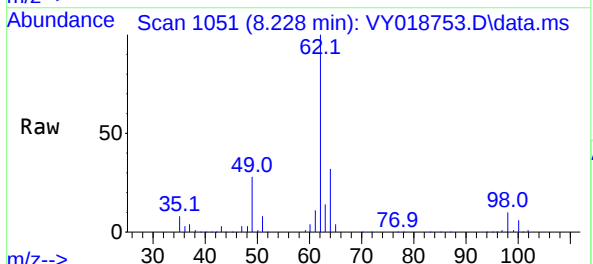


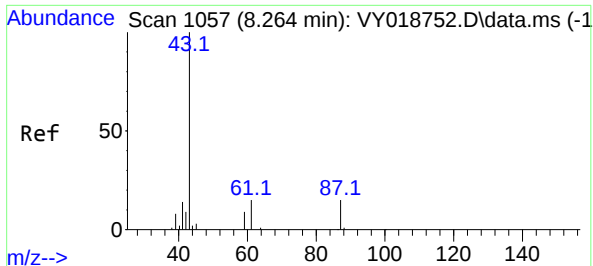
Tgt Ion: 41 Resp: 27265  
Ion Ratio Lower Upper  
41 100  
39 66.9 48.0 72.0  
67 98.3 75.1 112.7  
52 43.3 29.8 44.6



#42  
1,2-Dichloroethane  
Concen: 92.683 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

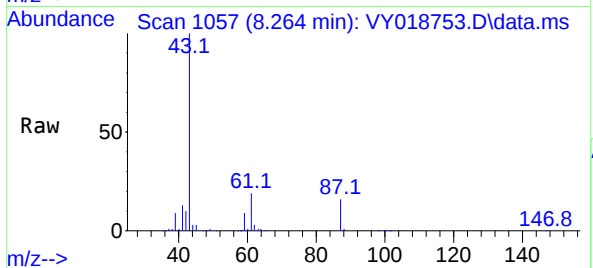
Tgt Ion: 62 Resp: 123551  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 22.0



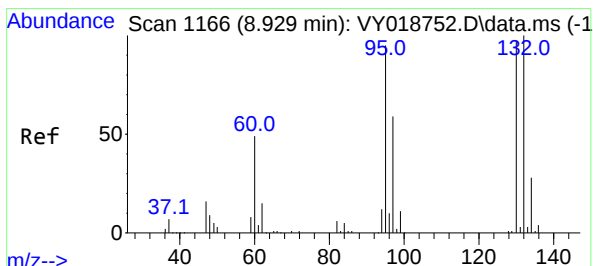
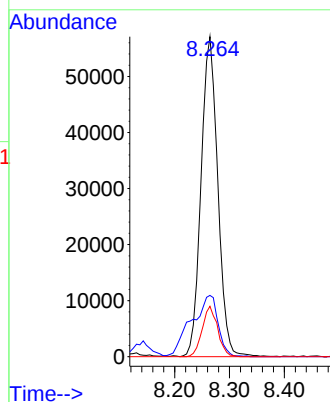
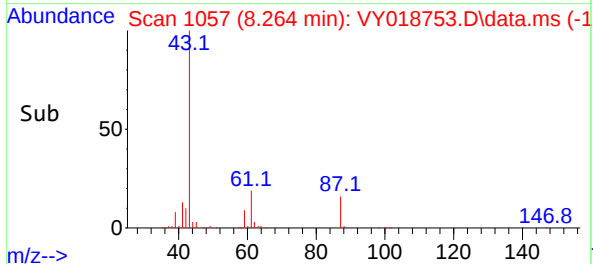


#43  
Isopropyl Acetate  
Concen: 89.149 ug/l  
RT: 8.264 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

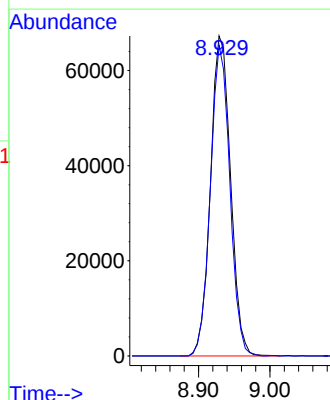
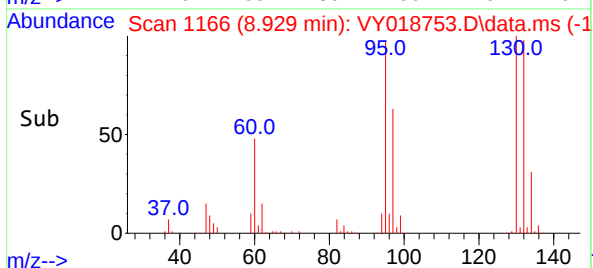
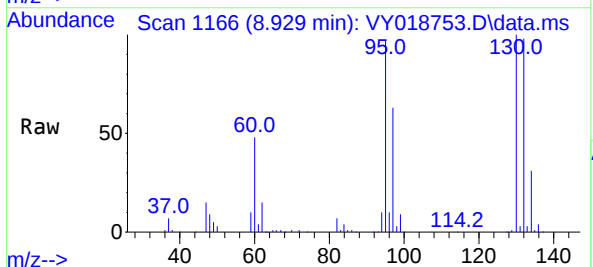


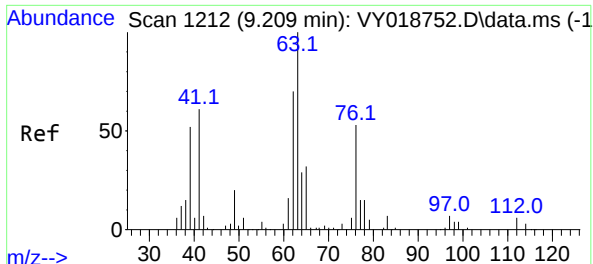
Tgt Ion: 43 Resp: 121019  
Ion Ratio Lower Upper  
43 100  
61 30.5 27.9 41.9  
87 14.5 13.1 19.7



#44  
Trichloroethene  
Concen: 96.329 ug/l  
RT: 8.929 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:130 Resp: 131102  
Ion Ratio Lower Upper  
130 100  
95 97.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 96.077 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Instrument :

MSVOA\_Y

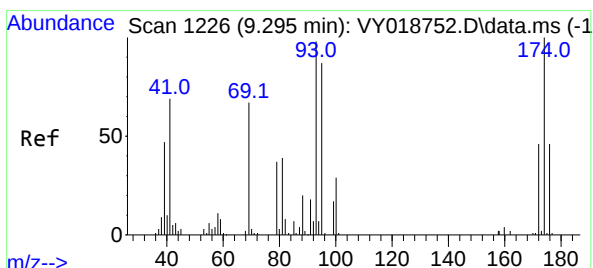
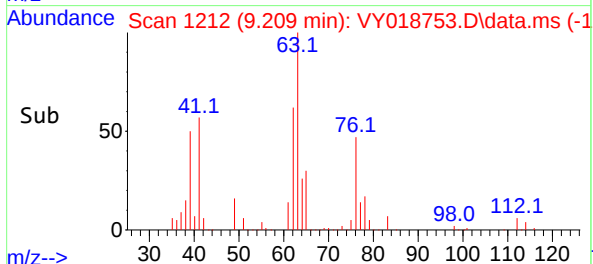
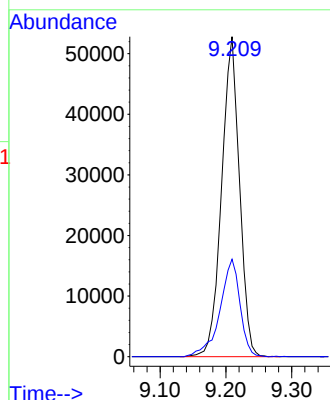
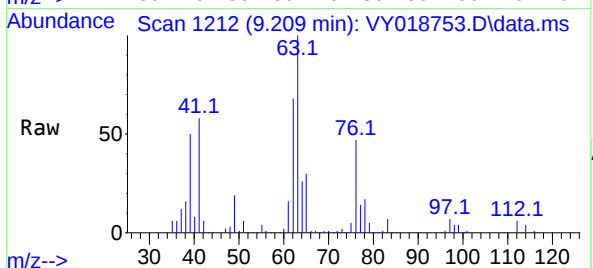
ClientSampleId :

Tgt Ion: 63 Resp: 99613

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.2



#46

Dibromomethane

Concen: 93.268 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

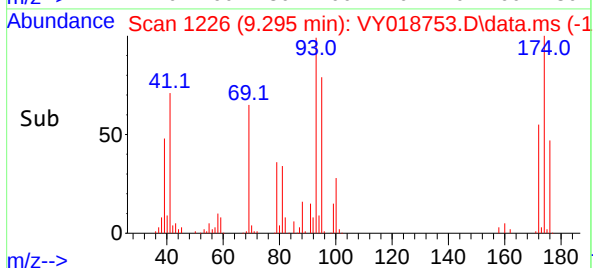
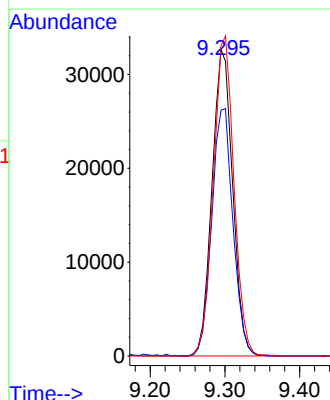
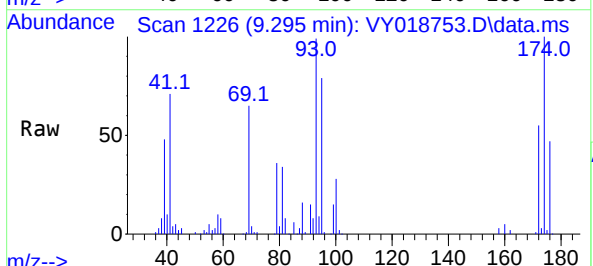
Tgt Ion: 93 Resp: 62680

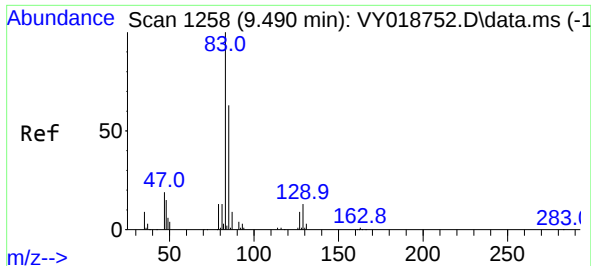
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

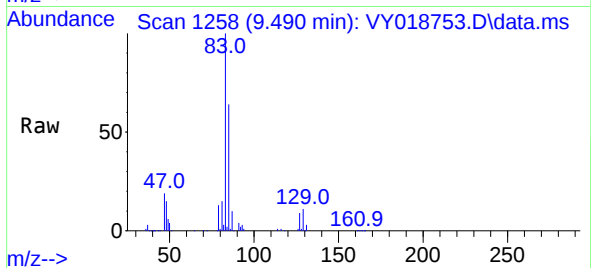
174 104.1 80.9 121.3



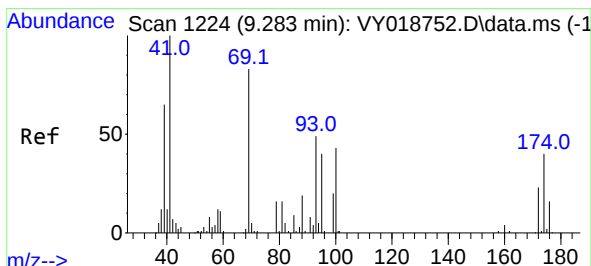
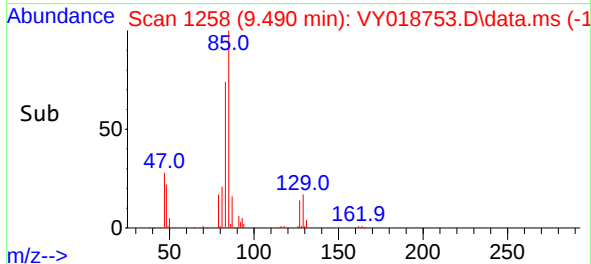
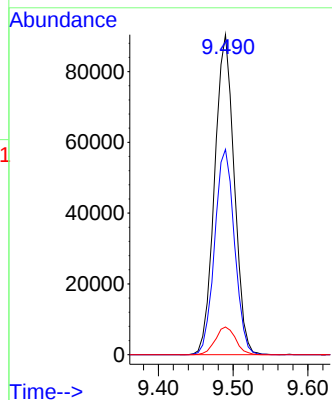


#47  
Bromodichloromethane  
Concen: 98.026 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

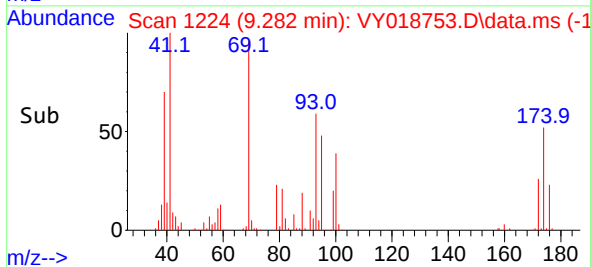
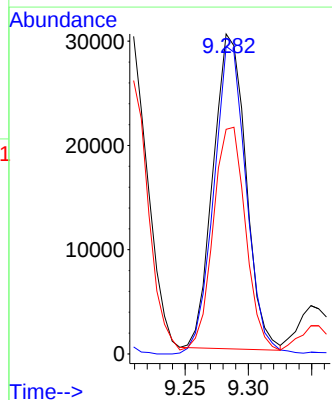
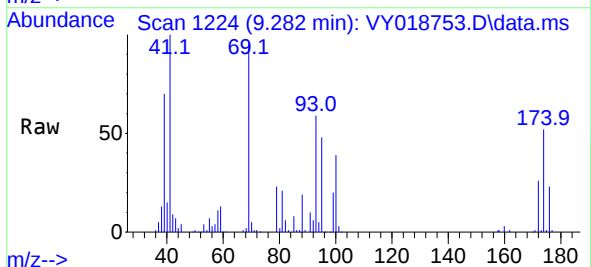


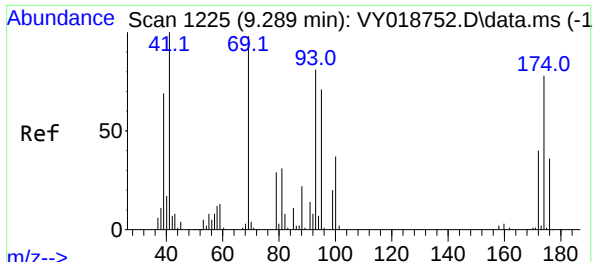
Tgt Ion: 83 Resp: 164575  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.1 75.1  
127 8.7 7.4 11.0



#48  
Methyl methacrylate  
Concen: 88.310 ug/l  
RT: 9.282 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

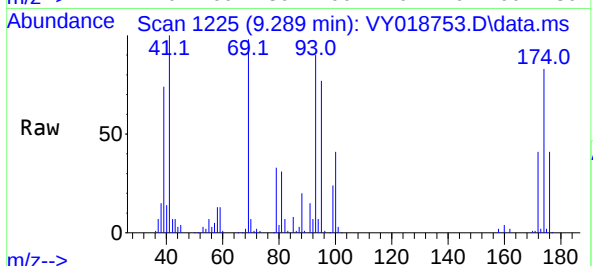
Tgt Ion: 41 Resp: 54489  
Ion Ratio Lower Upper  
41 100  
69 96.7 84.1 126.1  
39 70.1 43.6 65.4



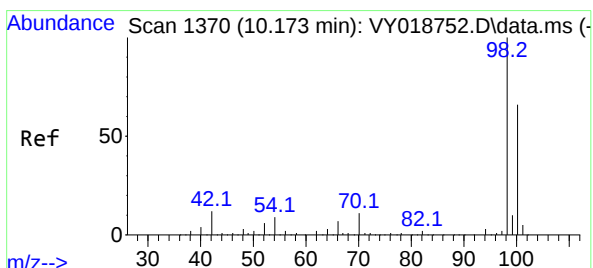
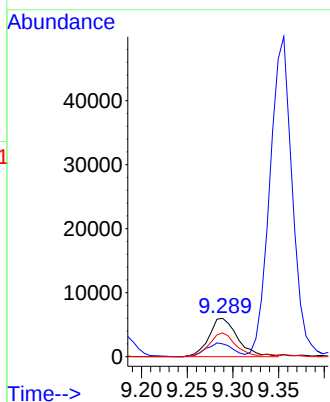
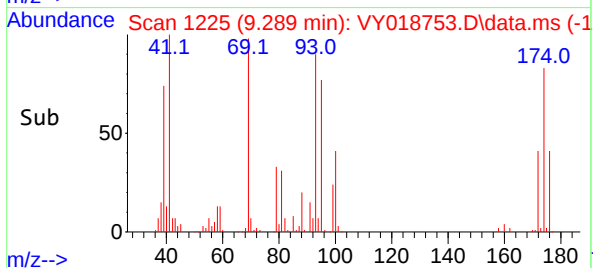


#49  
1,4-Dioxane  
Concen: 1659.965 ug/l  
RT: 9.289 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

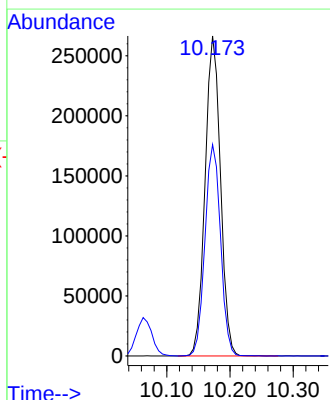
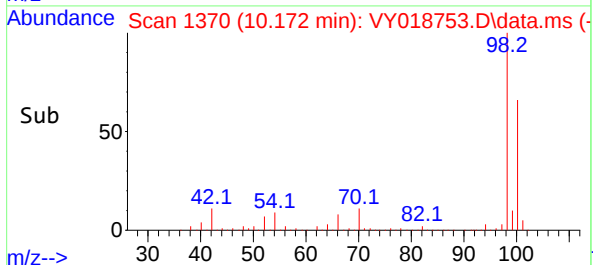
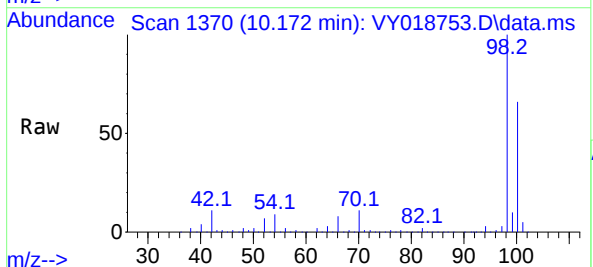


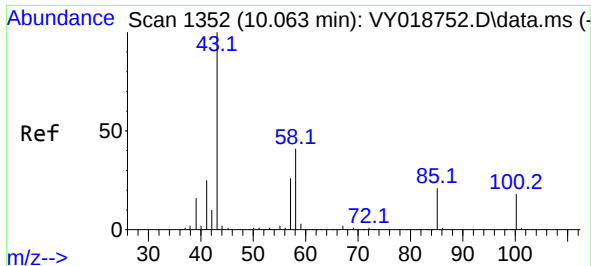
Tgt Ion: 88 Resp: 13077  
Ion Ratio Lower Upper  
88 100  
43 33.0 0.0 0.0#  
58 56.9 49.3 73.9



#50  
Toluene-d8  
Concen: 100.188 ug/l  
RT: 10.172 min Scan# 1370  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 98 Resp: 451429  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.0 78.0

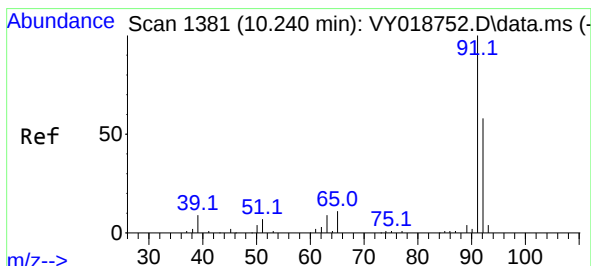
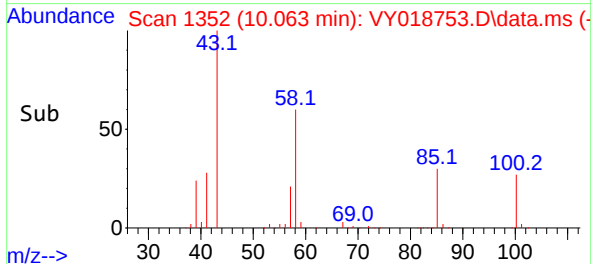
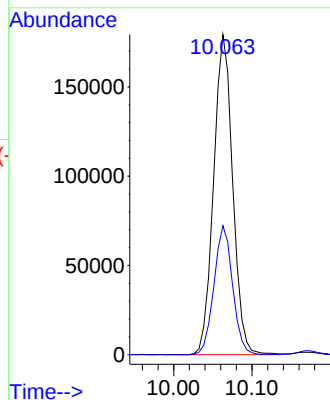
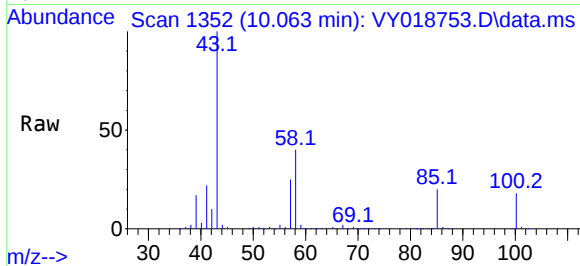




#51  
4-Methyl-2-Pentanone  
Concen: 437.954 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

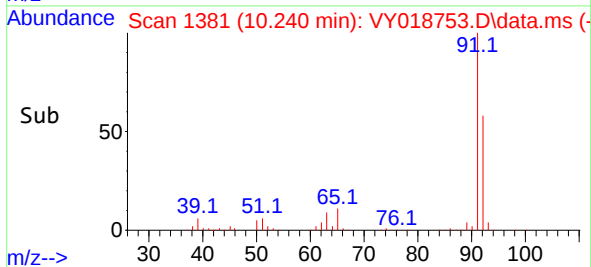
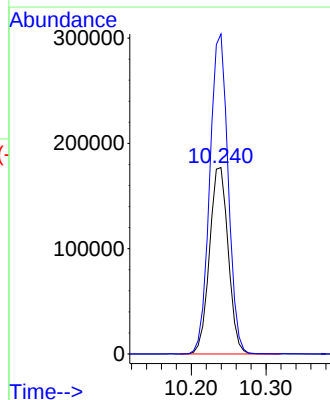
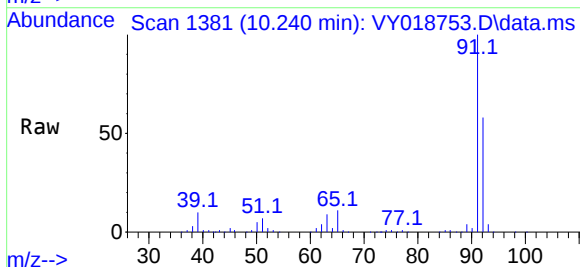
Instrument :  
MSVOA\_Y  
ClientSampleId :

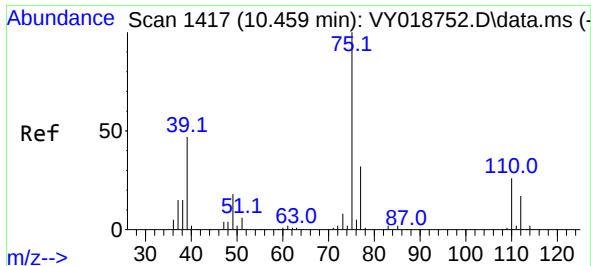
Tgt Ion: 43 Resp: 303536  
Ion Ratio Lower Upper  
43 100  
58 39.4 35.7 53.5



#52  
Toluene  
Concen: 97.217 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 92 Resp: 307649  
Ion Ratio Lower Upper  
92 100  
91 168.6 139.0 208.6

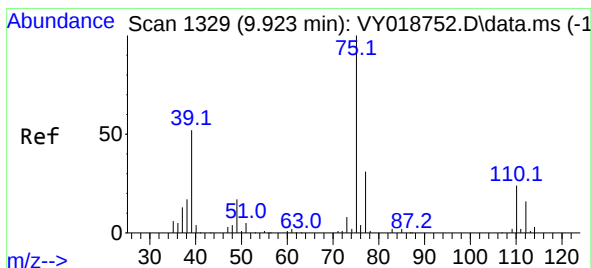
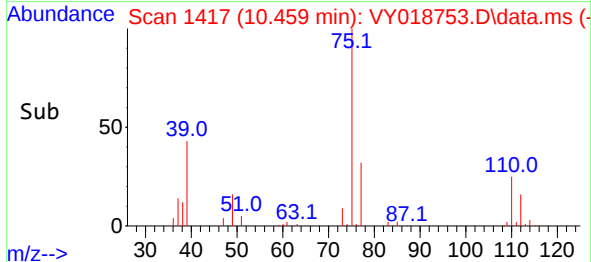
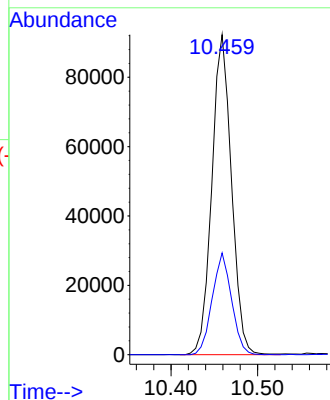
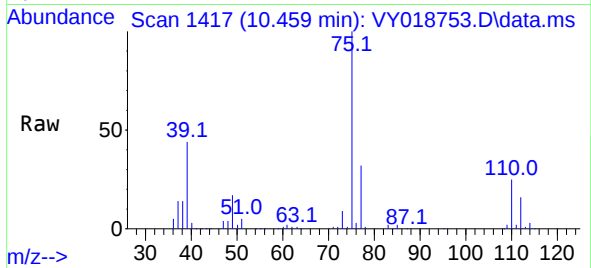




#53  
t-1,3-Dichloropropene  
Concen: 100.142 ug/l  
RT: 10.459 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

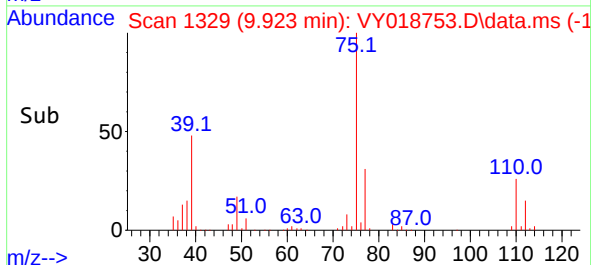
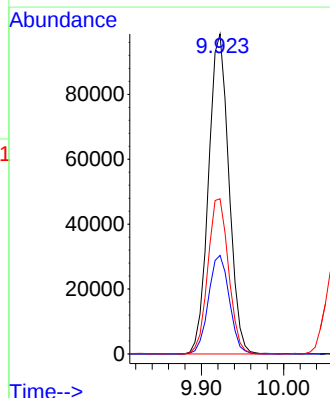
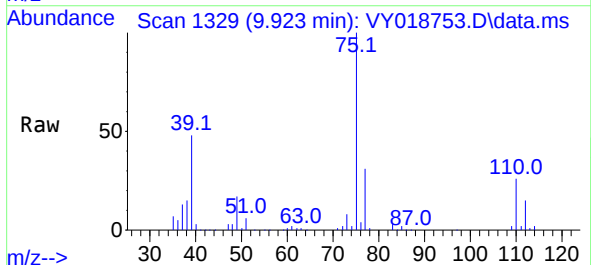
Instrument :  
MSVOA\_Y  
ClientSampleId :

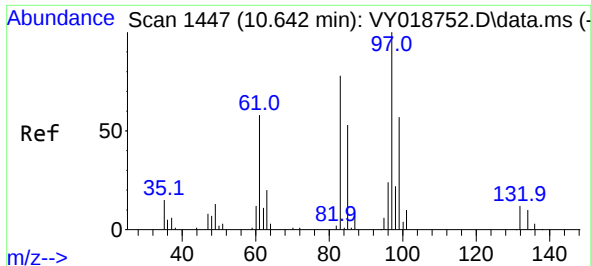
Tgt Ion: 75 Resp: 145161  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 99.652 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

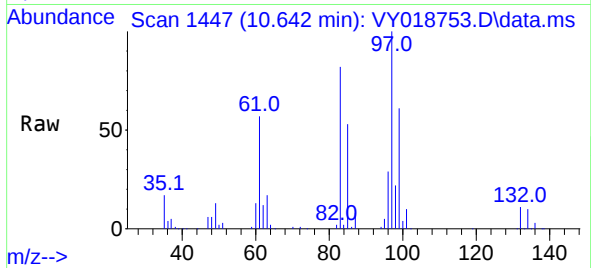
Tgt Ion: 75 Resp: 169464  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.4 38.0  
39 48.5 29.8 44.6#





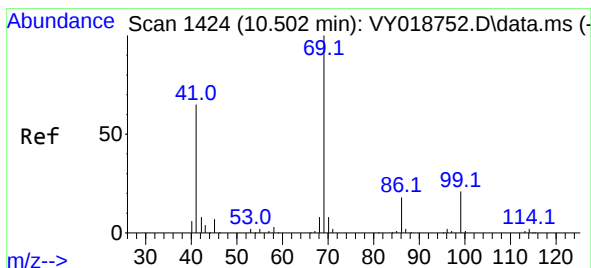
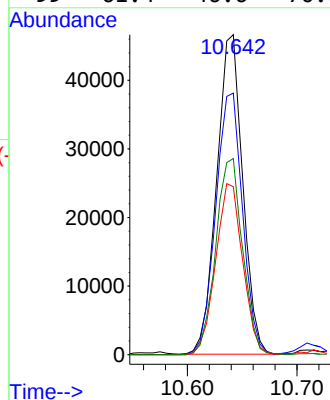
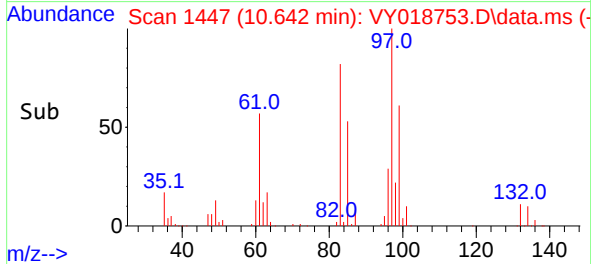
#55  
1,1,2-Trichloroethane  
Concen: 90.330 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 76873

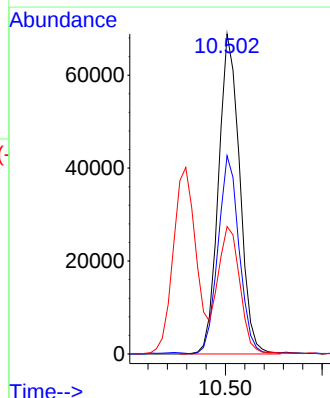
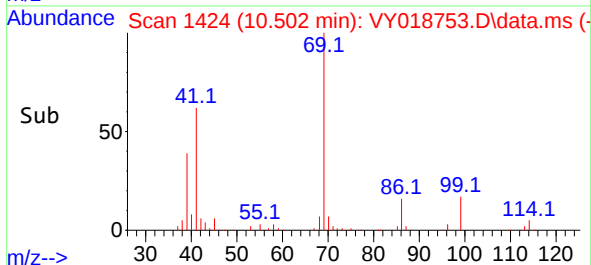
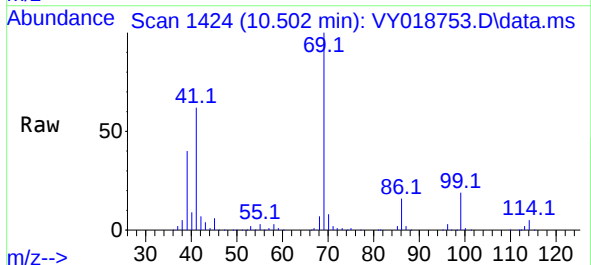
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.9  | 67.5  | 101.3 |
| 85  | 52.6  | 42.9  | 64.3  |
| 99  | 61.4  | 46.6  | 70.0  |

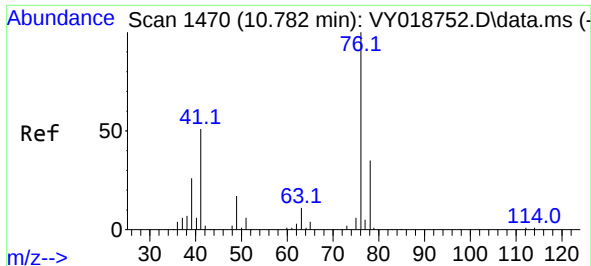


#56  
Ethyl methacrylate  
Concen: 93.345 ug/l  
RT: 10.502 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 69 Resp: 104586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.2  | 42.3  | 63.5  |
| 39  | 40.6  | 22.9  | 34.3  |





#57

1,3-Dichloropropane

Concen: 93.680 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Instrument :

MSVOA\_Y

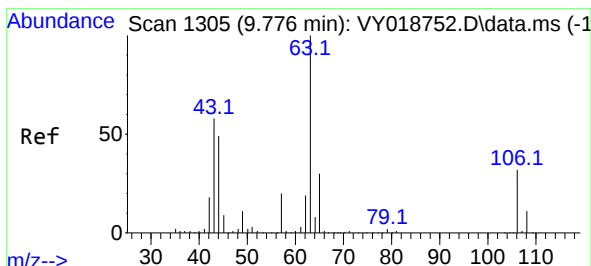
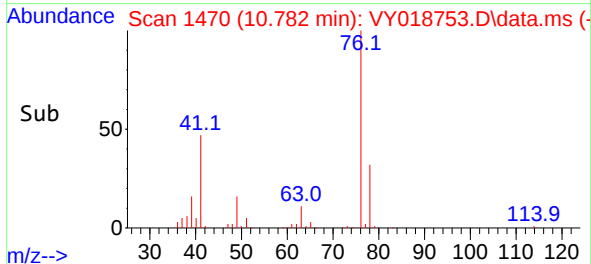
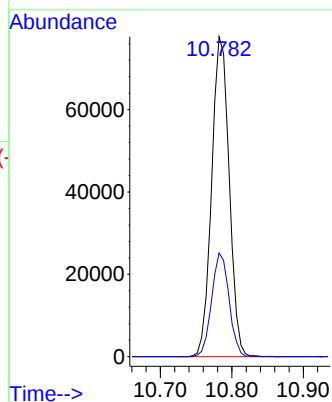
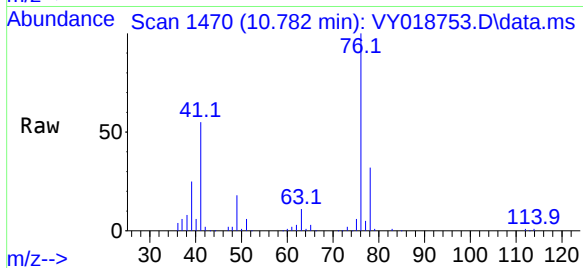
ClientSampleId :

Tgt Ion: 76 Resp: 132158

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 482.202 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018753.D

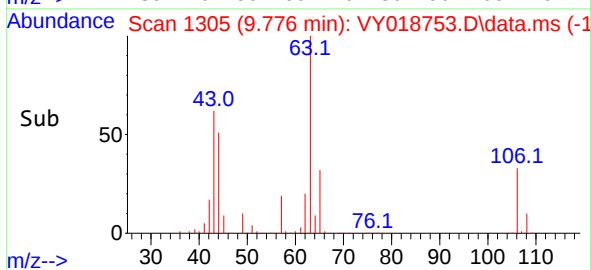
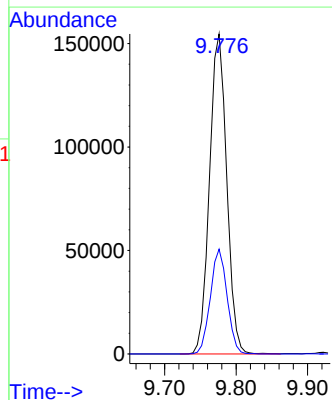
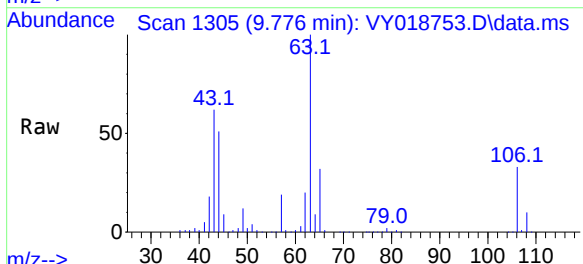
Acq: 09 Jul 2024 12:48

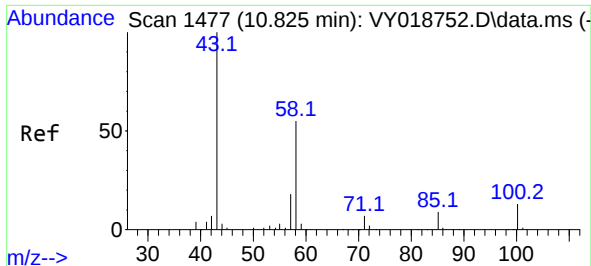
Tgt Ion: 63 Resp: 258115

Ion Ratio Lower Upper

63 100

106 31.9 23.7 35.5

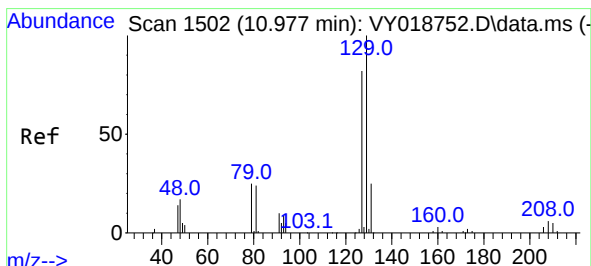
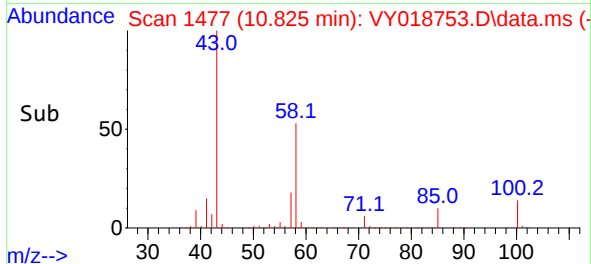
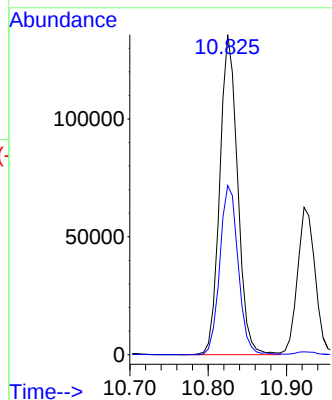
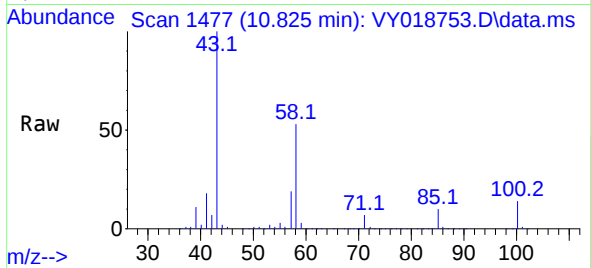




#59  
2-Hexanone  
Concen: 444.204 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

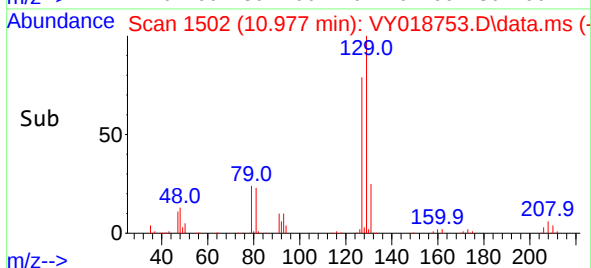
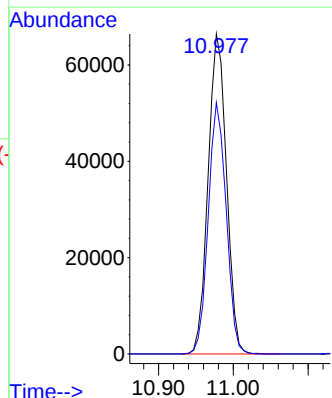
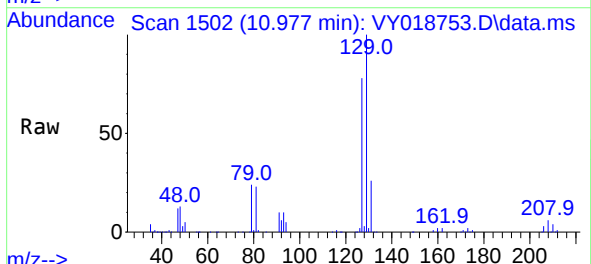
Instrument :  
MSVOA\_Y  
ClientSampleId :

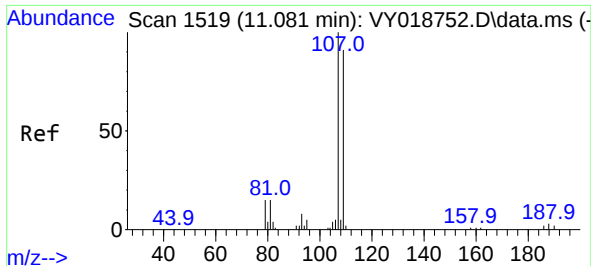
Tgt Ion: 43 Resp: 215383  
Ion Ratio Lower Upper  
43 100  
58 54.3 31.4 94.0



#60  
Dibromochloromethane  
Concen: 96.862 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 129 Resp: 113261  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.0 117.0

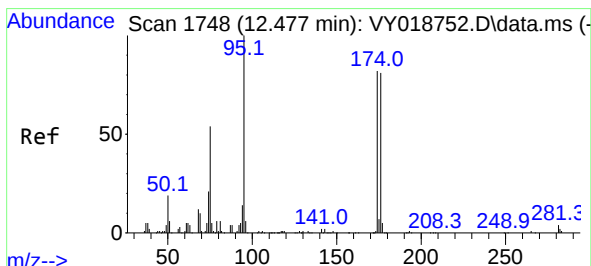
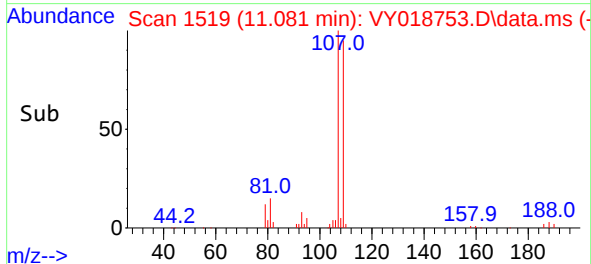
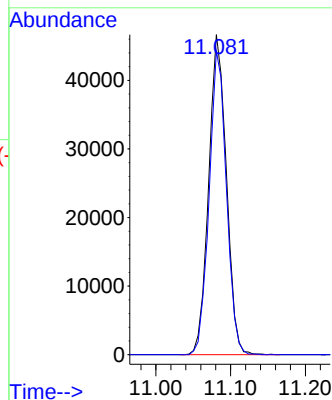
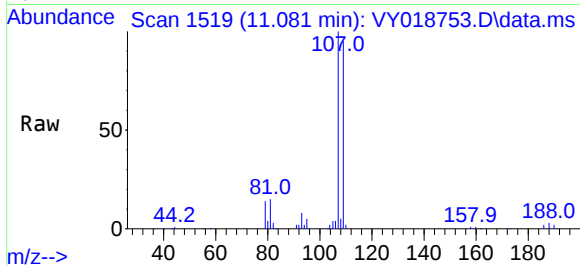




#61  
1,2-Dibromoethane  
Concen: 92.874 ug/l  
RT: 11.081 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

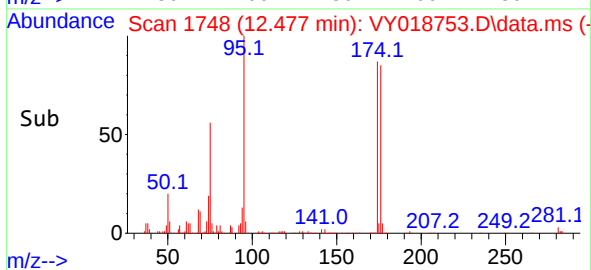
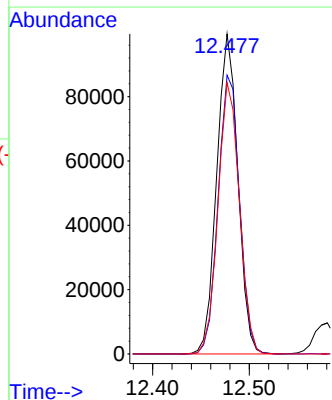
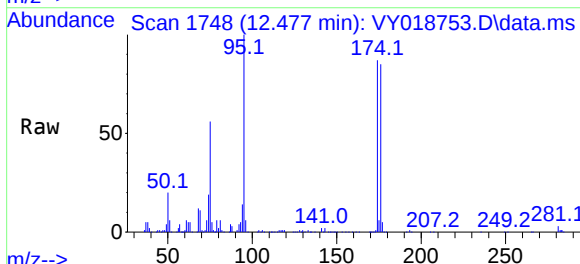
Instrument :  
MSVOA\_Y  
ClientSampleId :

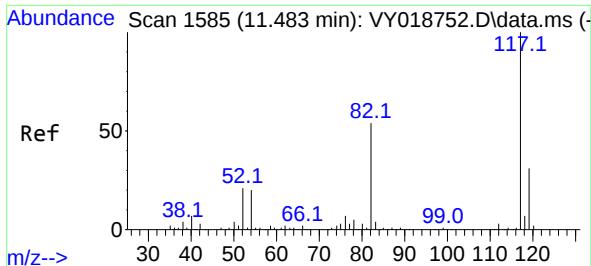
Tgt Ion:107 Resp: 76839  
Ion Ratio Lower Upper  
107 100  
109 92.3 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 98.010 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 95 Resp: 150813  
Ion Ratio Lower Upper  
95 100  
174 88.4 0.0 175.6  
176 85.8 0.0 171.4

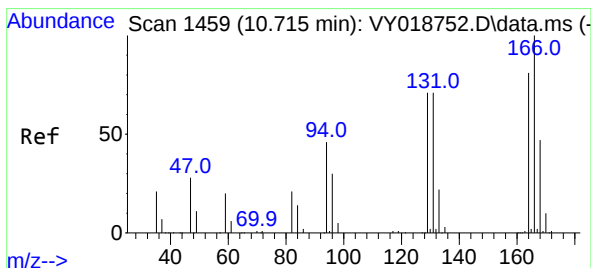
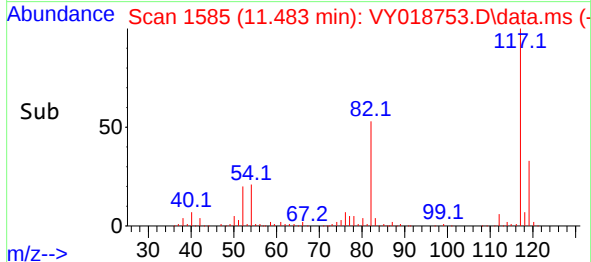
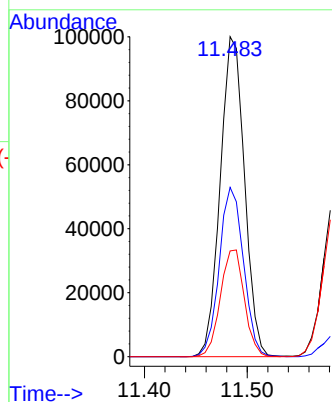
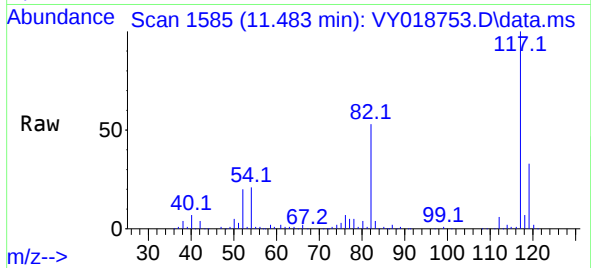




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

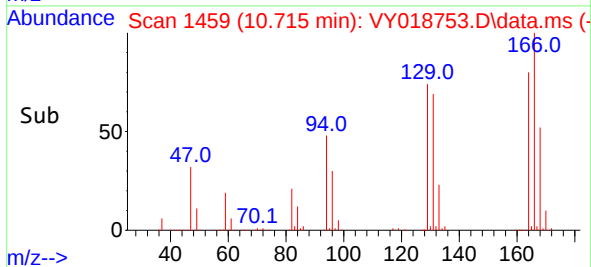
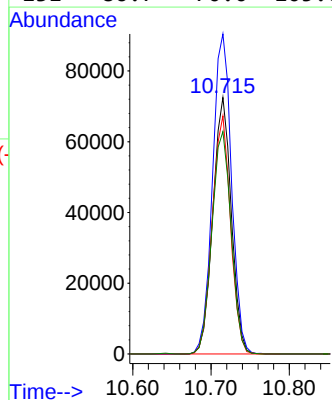
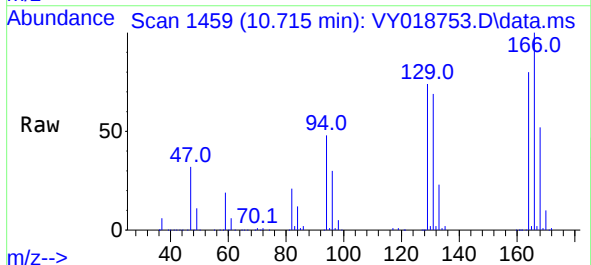
Instrument :  
MSVOA\_Y  
ClientSampleId :

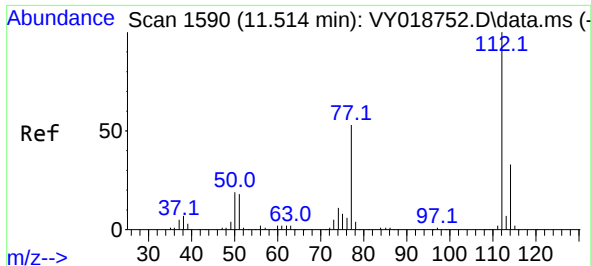
Tgt Ion:117 Resp: 164139  
Ion Ratio Lower Upper  
117 100  
82 52.9 42.4 63.6  
119 33.1 25.9 38.9



#64  
Tetrachloroethene  
Concen: 89.292 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:164 Resp: 118632  
Ion Ratio Lower Upper  
164 100  
166 124.7 102.6 154.0  
129 92.8 72.0 108.0  
131 86.7 70.0 105.0

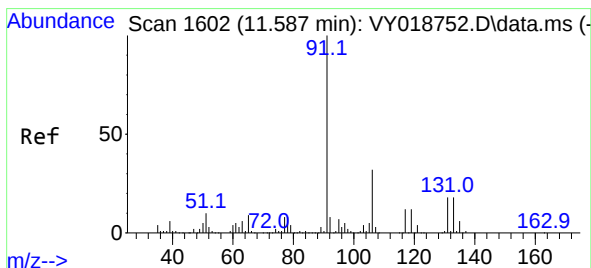
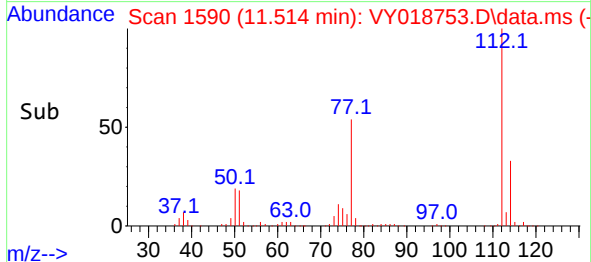
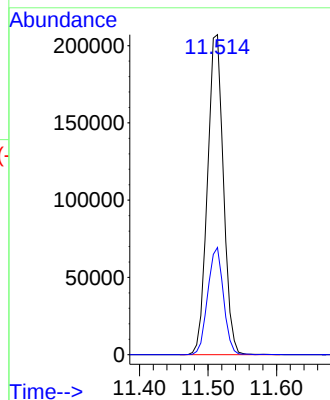
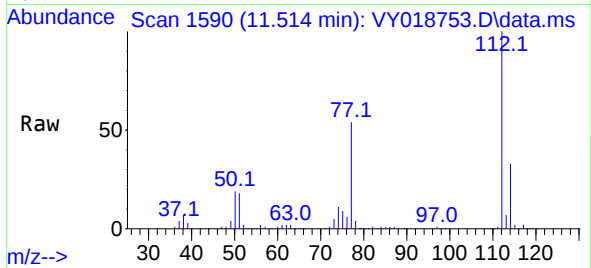




#65  
Chlorobenzene  
Concen: 96.940 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

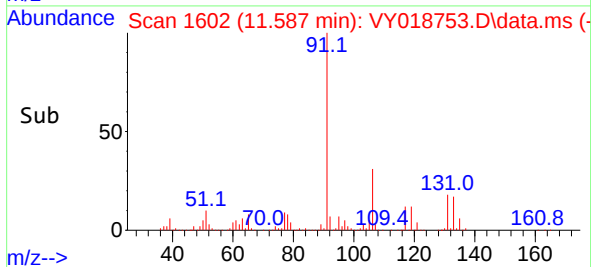
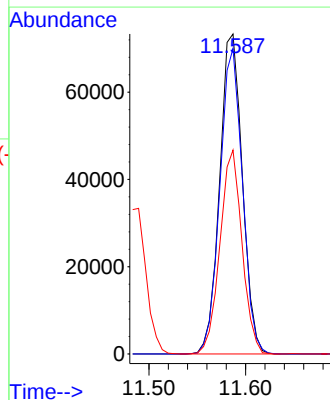
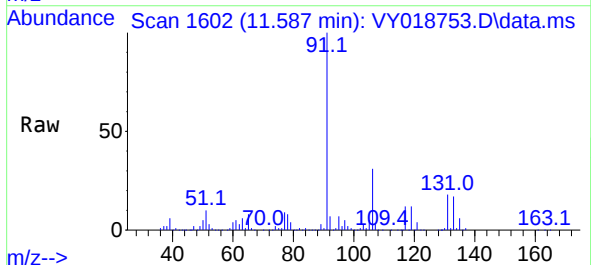
Instrument :  
MSVOA\_Y  
ClientSampleId :

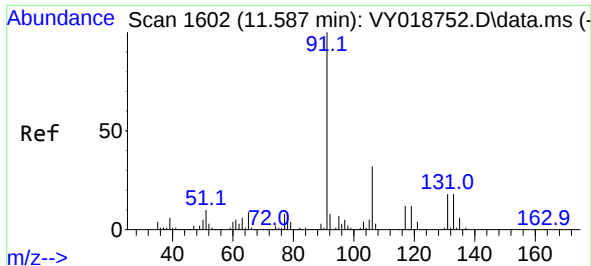
Tgt Ion:112 Resp: 335658  
Ion Ratio Lower Upper  
112 100  
114 33.5 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 100.049 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:131 Resp: 119357  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.8 143.3  
119 62.0 34.1 102.2

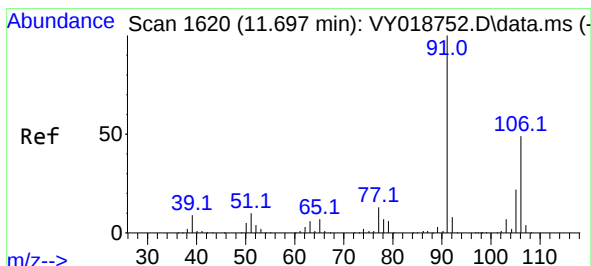
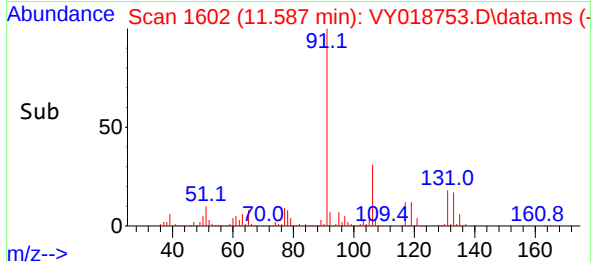
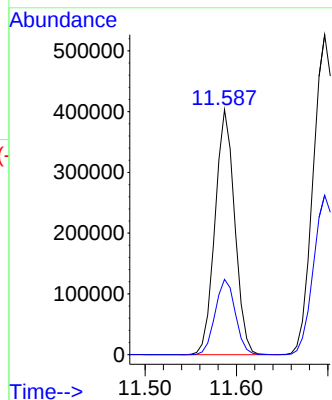
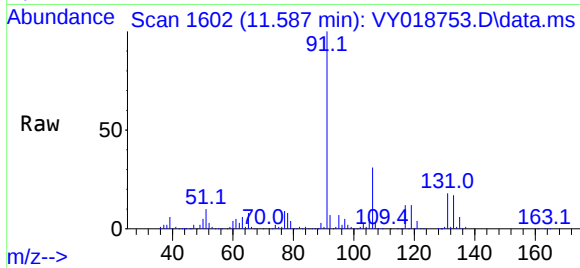




#67  
Ethyl Benzene  
Concen: 99.410 ug/l  
RT: 11.587 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

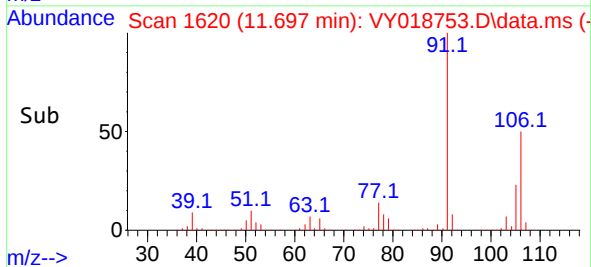
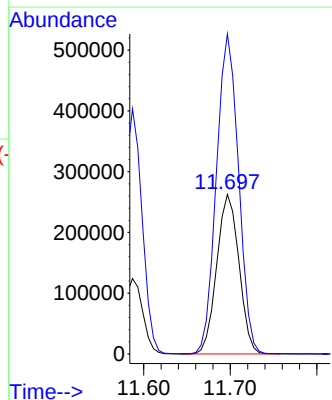
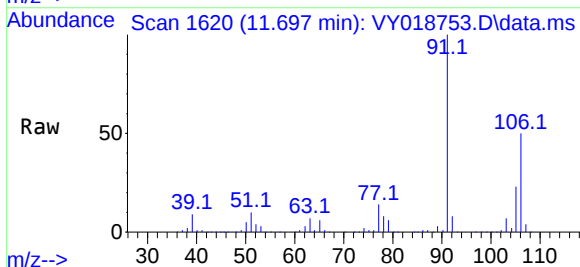
Instrument :  
MSVOA\_Y  
ClientSampleId :

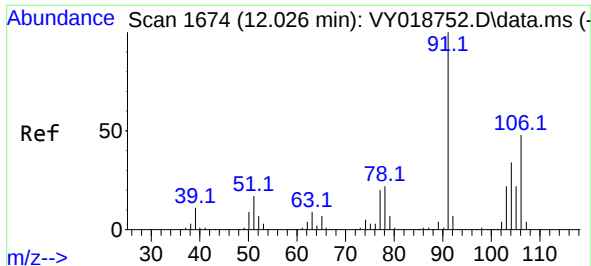
Tgt Ion: 91 Resp: 602994  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.5 36.7



#68  
m/p-Xylenes  
Concen: 196.801 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

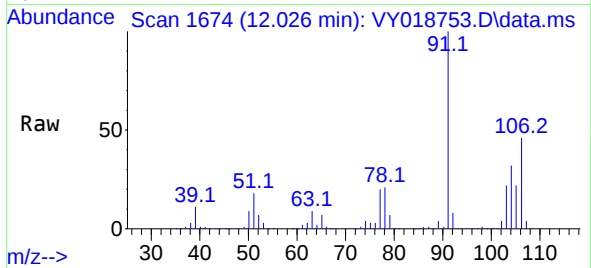
Tgt Ion:106 Resp: 468446  
Ion Ratio Lower Upper  
106 100  
91 199.6 156.0 234.0



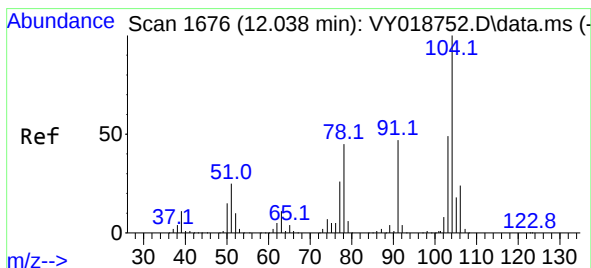
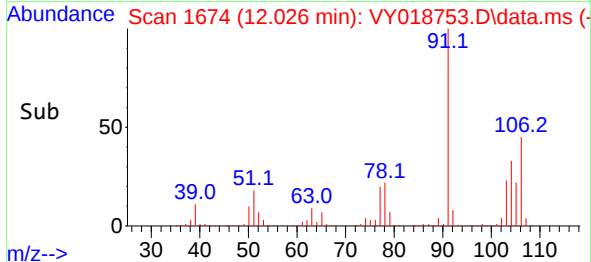
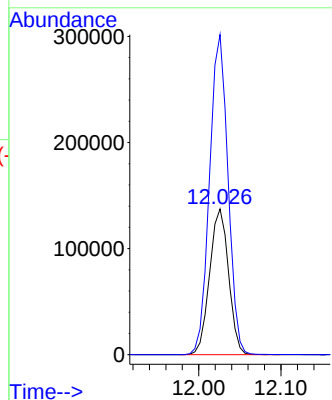


#69  
o-Xylene  
Concen: 98.079 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

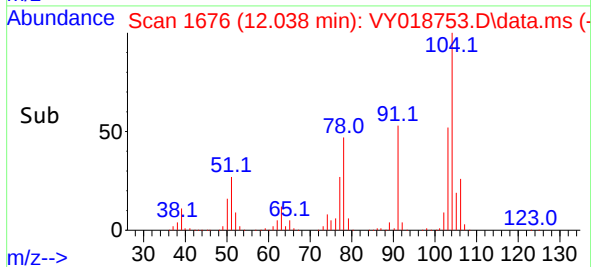
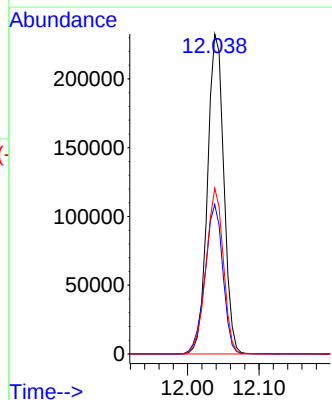
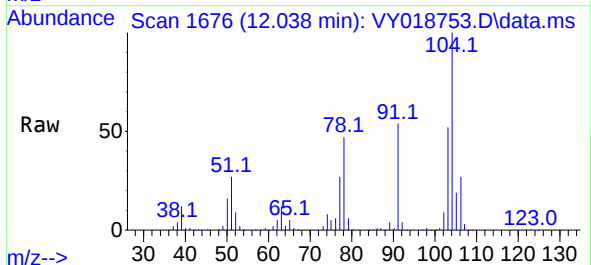


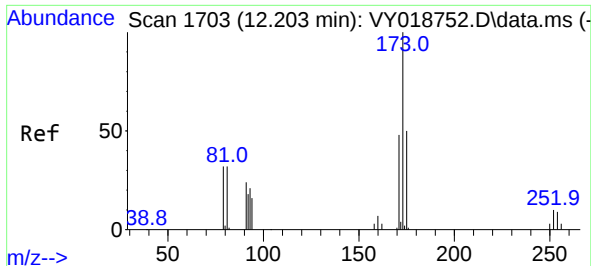
Tgt Ion:106 Resp: 219486  
Ion Ratio Lower Upper  
106 100  
91 214.0 103.6 310.8



#70  
Styrene  
Concen: 98.957 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

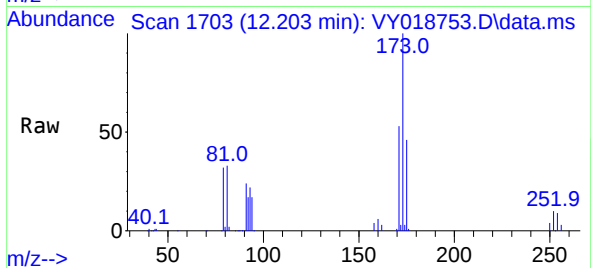
Tgt Ion:104 Resp: 369502  
Ion Ratio Lower Upper  
104 100  
78 50.9 37.0 55.4  
103 54.9 44.2 66.2



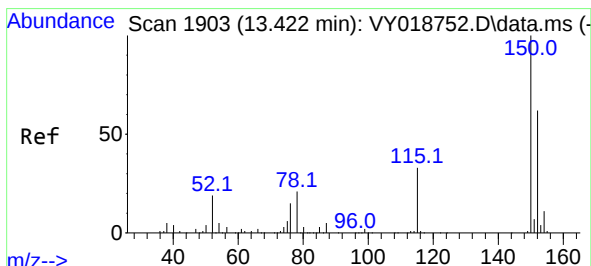
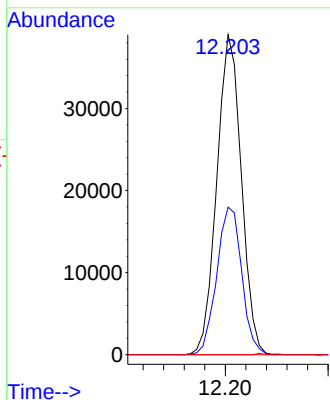
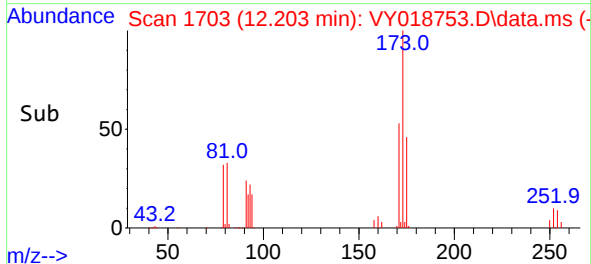


#71  
Bromoform  
Concen: 99.193 ug/l  
RT: 12.203 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

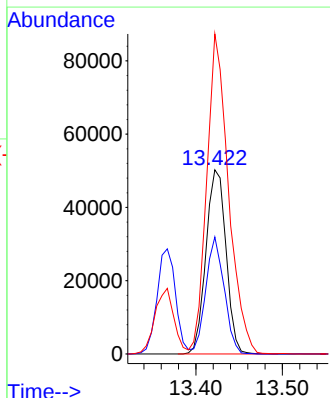
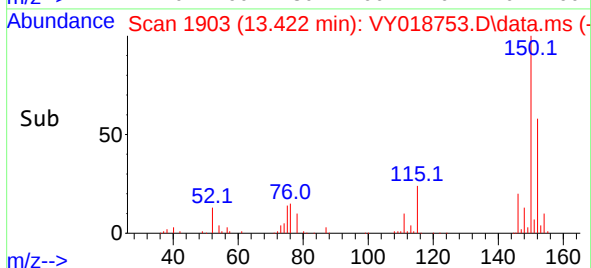
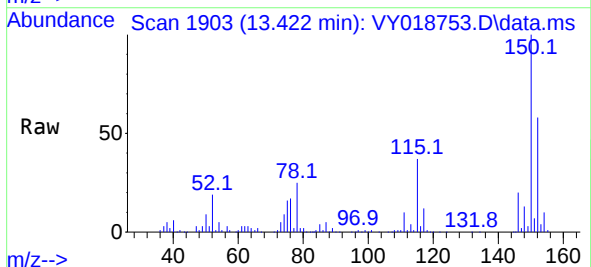


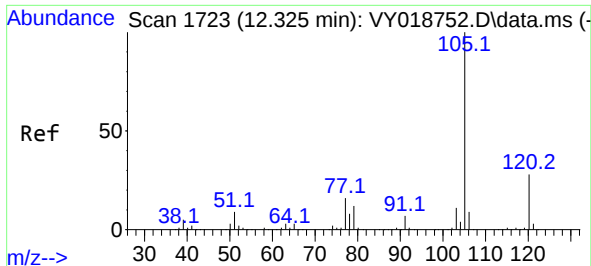
Tgt Ion:173 Resp: 64502  
Ion Ratio Lower Upper  
173 100  
175 47.1 25.1 75.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:152 Resp: 80892  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.2 84.7  
150 188.3 0.0 345.6

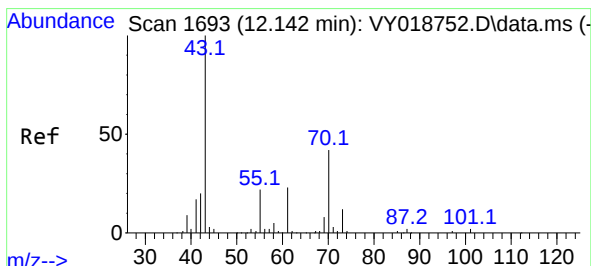
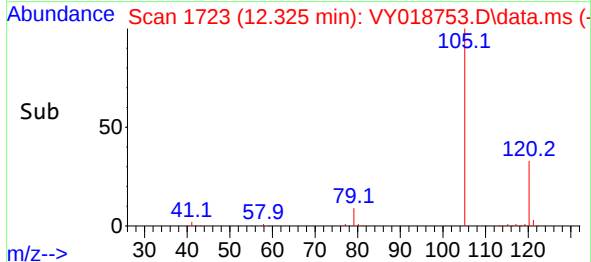
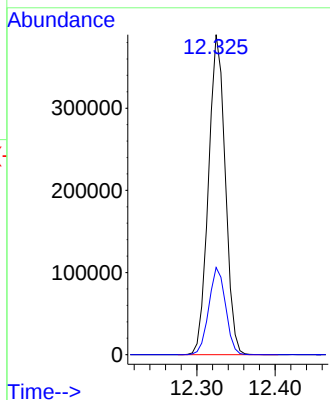
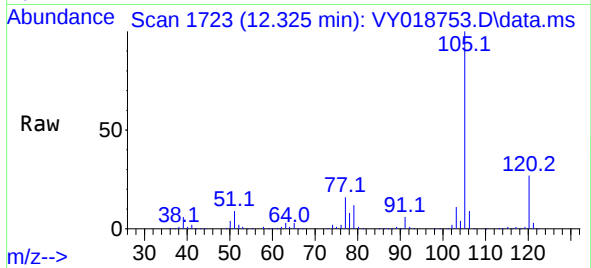




#73  
Isopropylbenzene  
Concen: 97.640 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

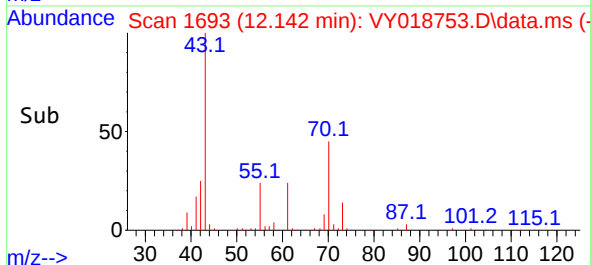
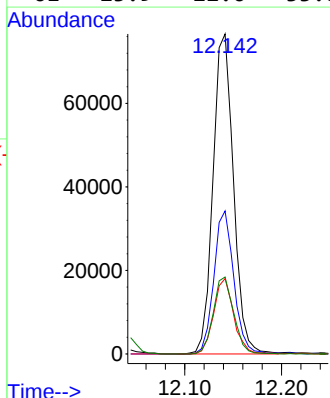
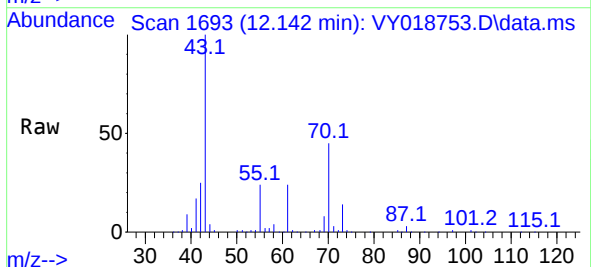
Instrument :  
MSVOA\_Y  
ClientSampleId :

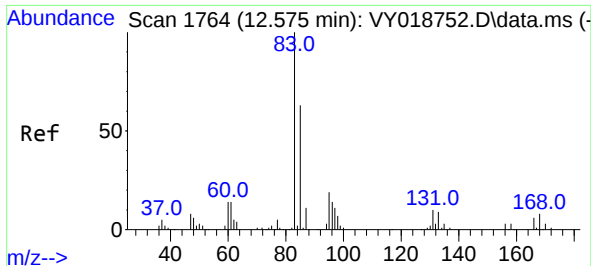
Tgt Ion:105 Resp: 578050  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 92.842 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 43 Resp: 112407  
Ion Ratio Lower Upper  
43 100  
70 43.8 41.4 62.2  
55 23.2 23.3 34.9#  
61 23.9 22.6 33.8

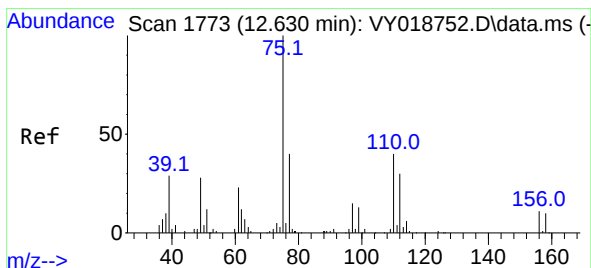
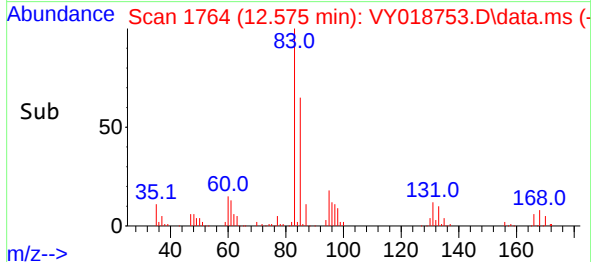
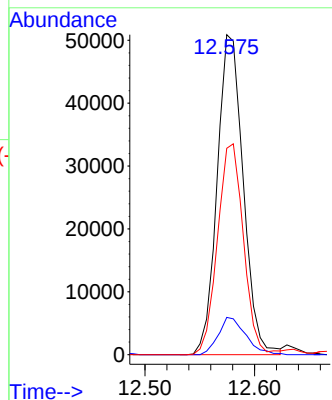
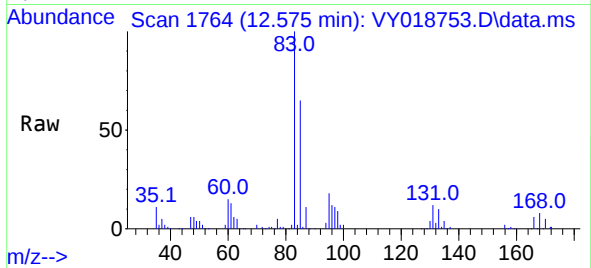




#75  
1,1,2,2-Tetrachloroethane  
Concen: 90.128 ug/l  
RT: 12.575 min Scan# 1764  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

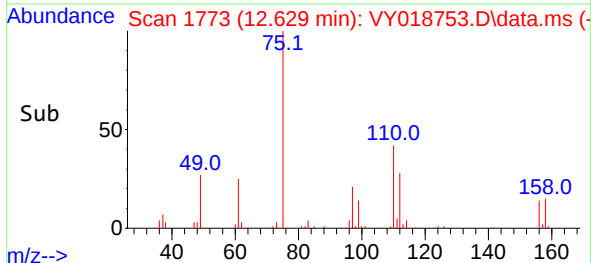
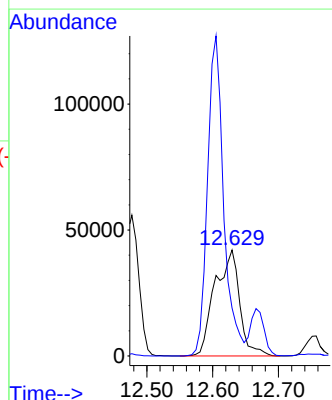
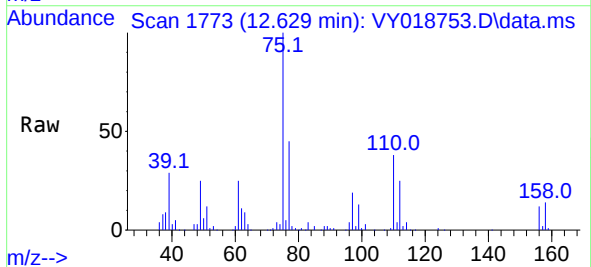
Instrument :  
MSVOA\_Y  
ClientSampleId :

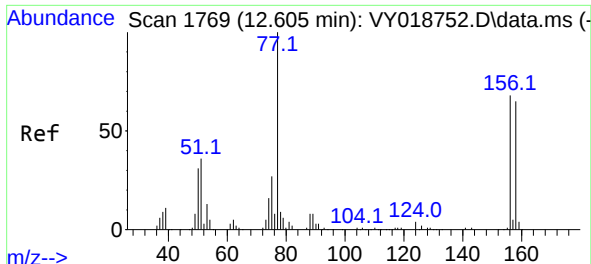
Tgt Ion: 83 Resp: 84116  
Ion Ratio Lower Upper  
83 100  
131 12.3 5.0 14.9  
85 65.7 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 161.957 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.001 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

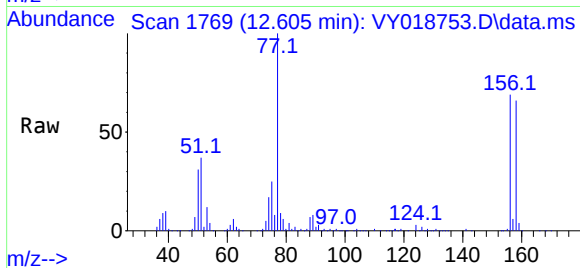
Tgt Ion: 75 Resp: 110187  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



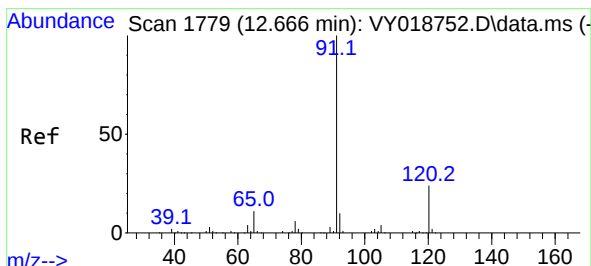
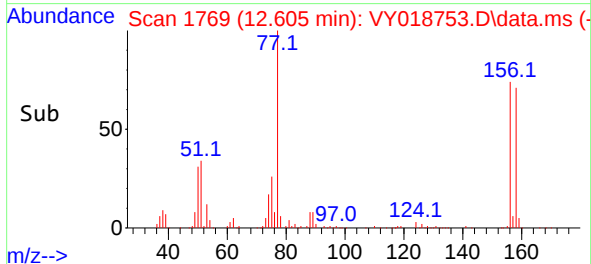
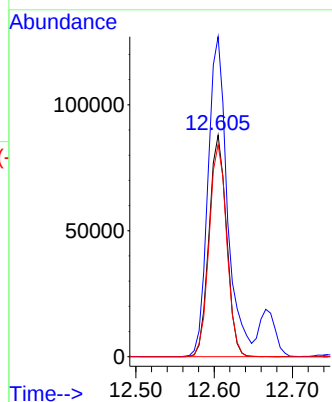


#77  
Bromobenzene  
Concen: 96.543 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

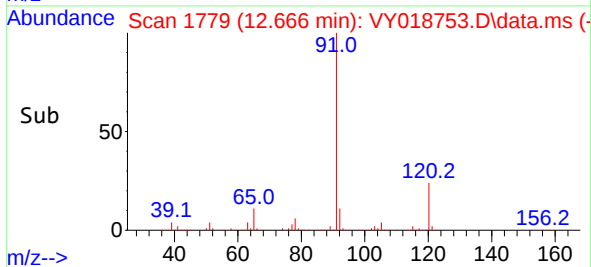
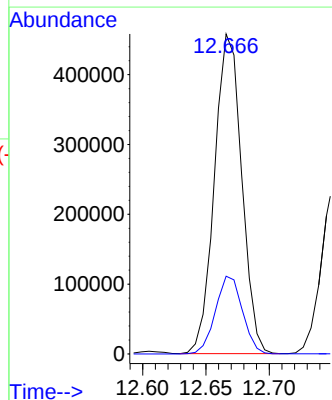
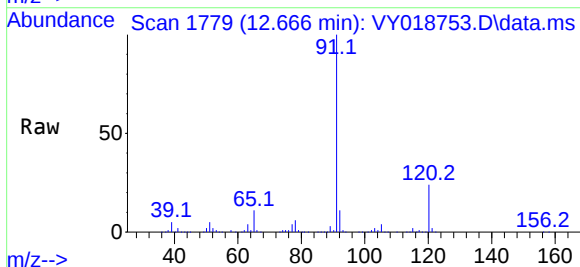


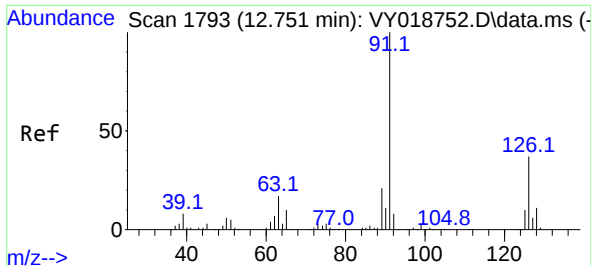
Tgt Ion:156 Resp: 136447  
Ion Ratio Lower Upper  
156 100  
77 159.4 87.1 261.3  
158 96.1 48.6 145.9



#78  
n-propylbenzene  
Concen: 97.508 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 91 Resp: 685515  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.5 34.4

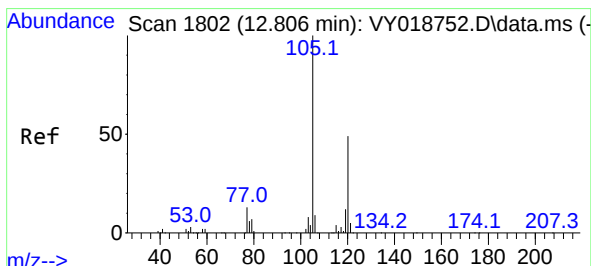
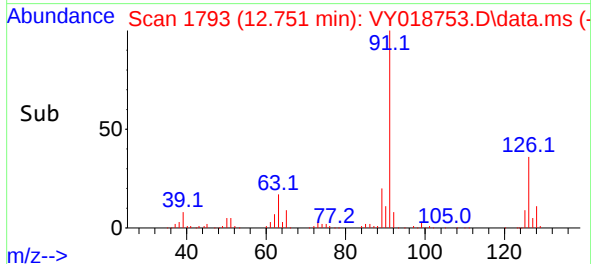
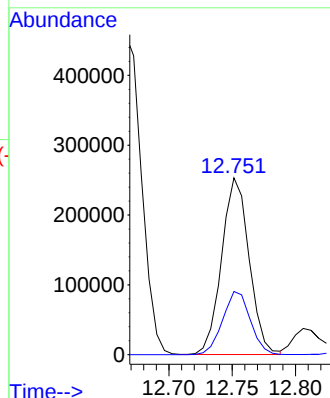
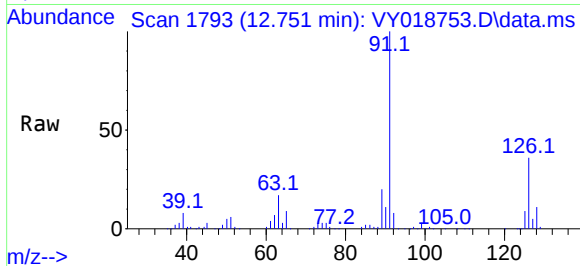




#79  
2-Chlorotoluene  
Concen: 96.925 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

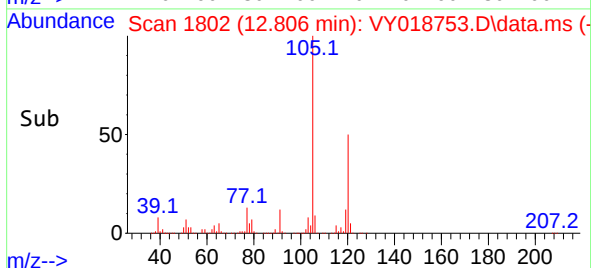
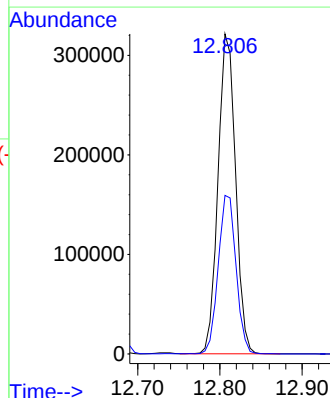
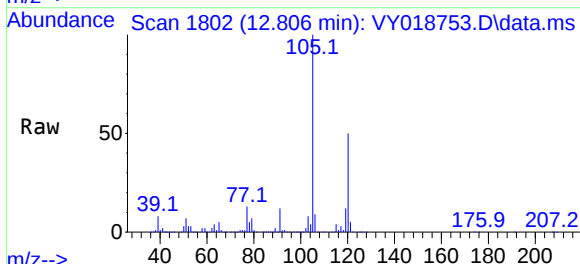
Instrument :  
MSVOA\_Y  
ClientSampleId :

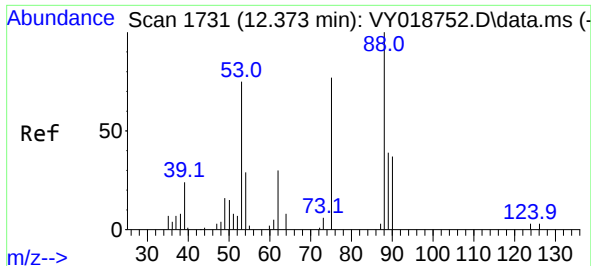
Tgt Ion: 91 Resp: 383156  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 98.282 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 105 Resp: 476078  
Ion Ratio Lower Upper  
105 100  
120 50.5 25.1 75.2

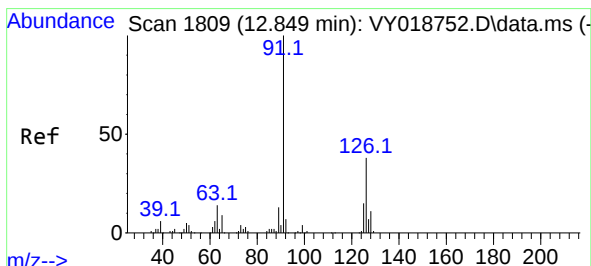
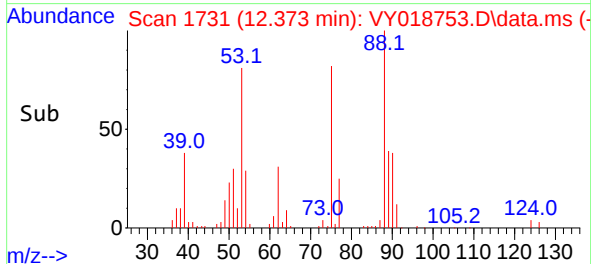
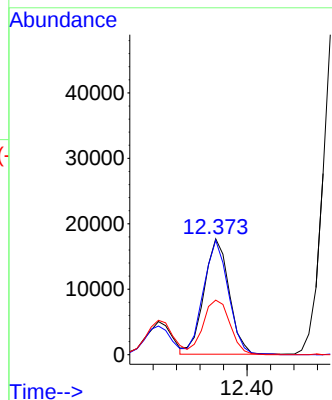
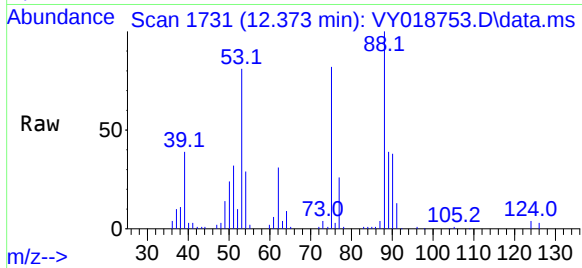




#81  
trans-1,4-Dichloro-2-butene  
Concen: 92.089 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

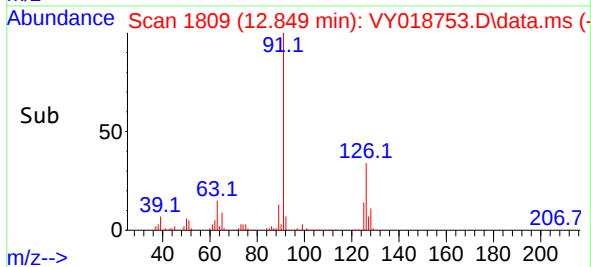
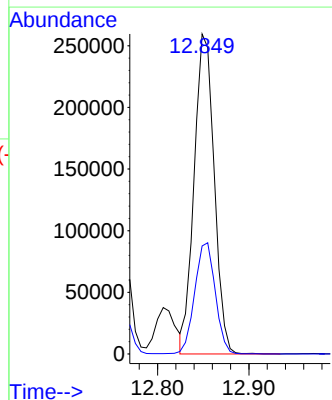
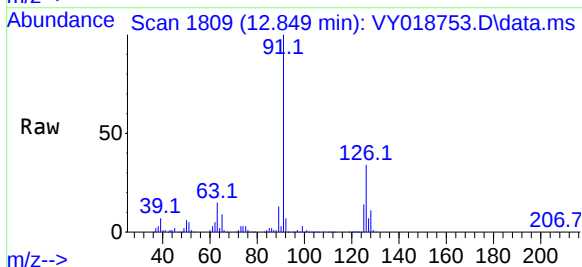
Instrument :  
MSVOA\_Y  
ClientSampleId :

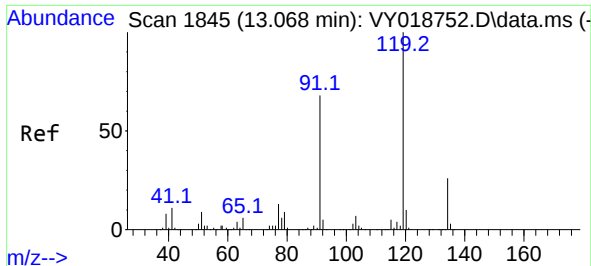
Tgt Ion: 75 Resp: 26069  
Ion Ratio Lower Upper  
75 100  
53 98.2 66.8 100.2  
89 50.6 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 97.221 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

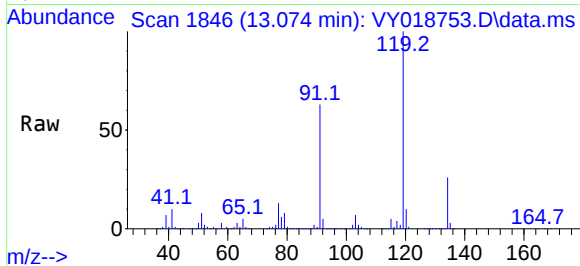
Tgt Ion: 91 Resp: 395752  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.6 52.9



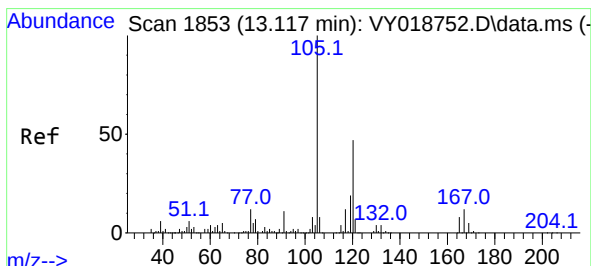
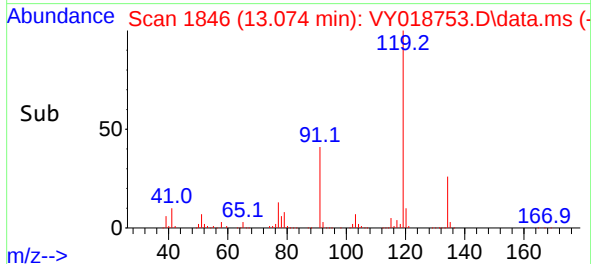
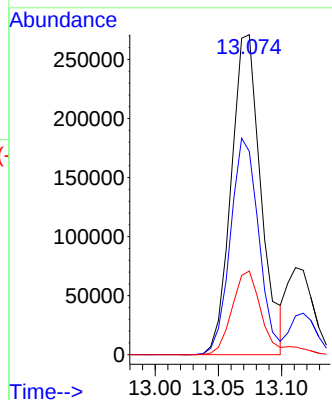


#83  
tert-Butylbenzene  
Concen: 99.258 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :

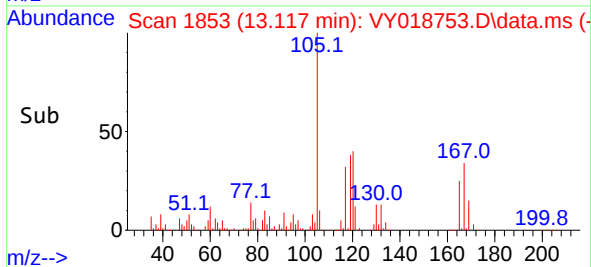
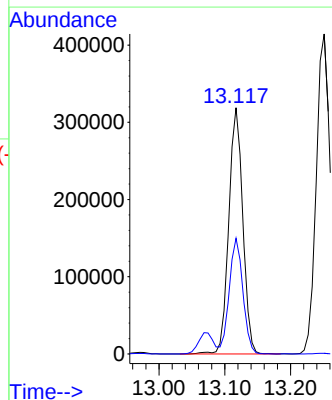
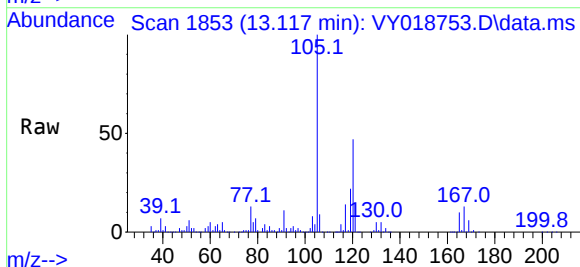


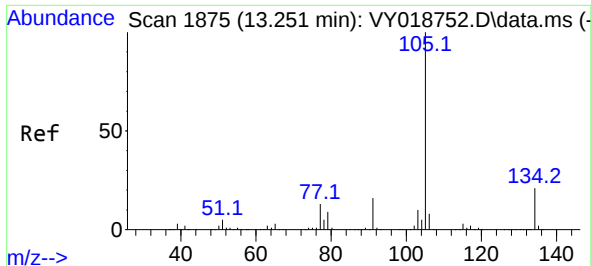
Tgt Ion:119 Resp: 443894  
Ion Ratio Lower Upper  
119 100  
91 64.5 31.3 93.8  
134 26.9 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 98.198 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:105 Resp: 472683  
Ion Ratio Lower Upper  
105 100  
120 45.4 23.2 69.6

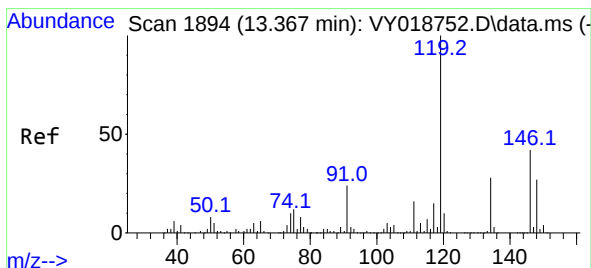
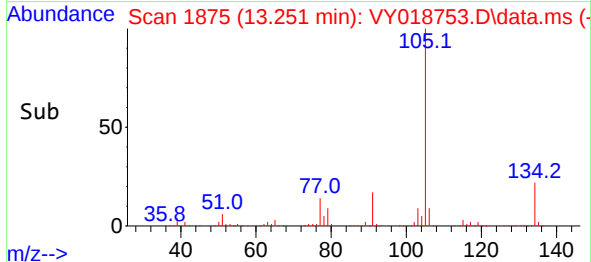
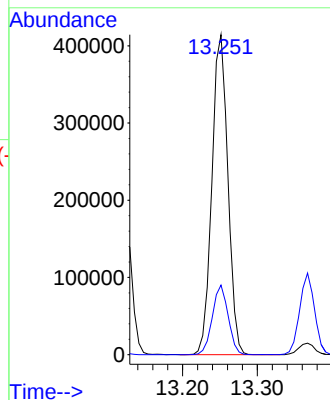
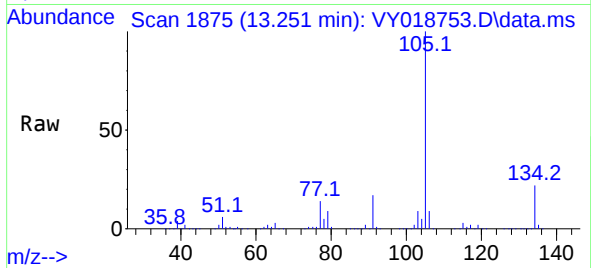




#85  
 sec-Butylbenzene  
 Concen: 96.908 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY018753.D  
 Acq: 09 Jul 2024 12:48

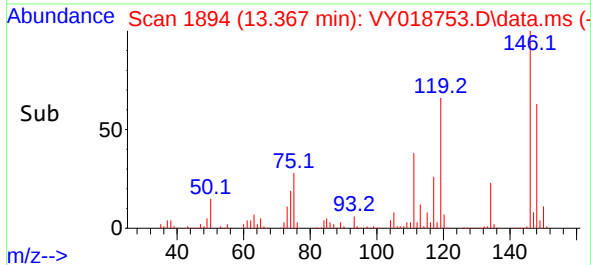
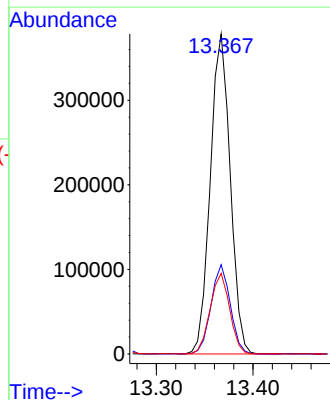
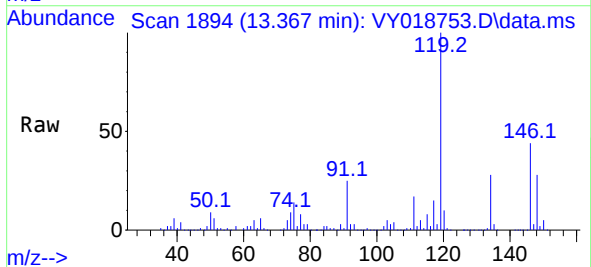
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

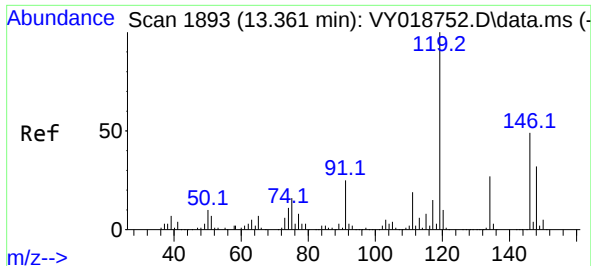
Tgt Ion:105 Resp: 615154  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 98.903 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY018753.D  
 Acq: 09 Jul 2024 12:48

Tgt Ion:119 Resp: 541998  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.1 39.3  
 91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 96.248 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Instrument :

MSVOA\_Y

ClientSampleId :

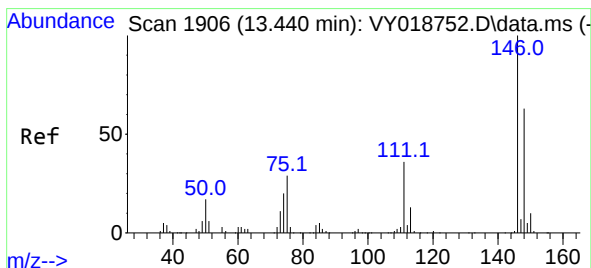
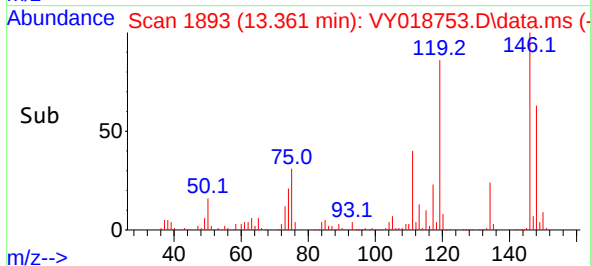
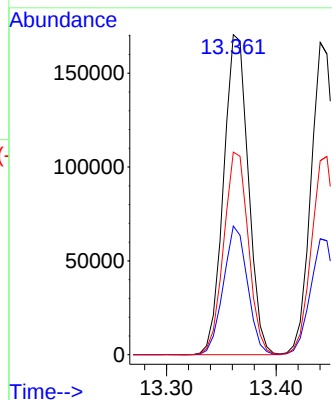
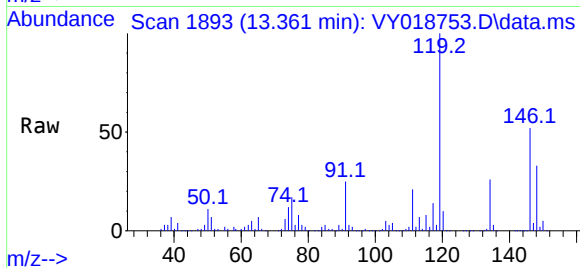
Tgt Ion:146 Resp: 267169

Ion Ratio Lower Upper

146 100

111 39.3 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 94.279 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

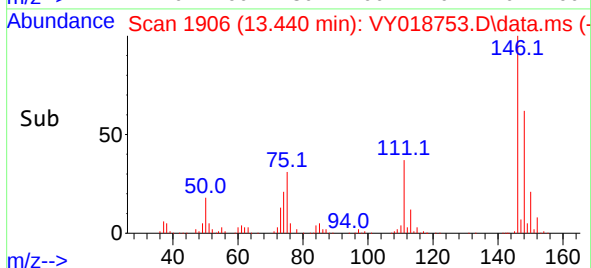
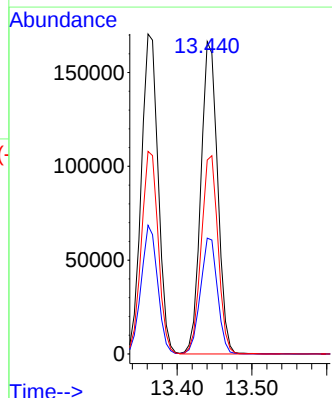
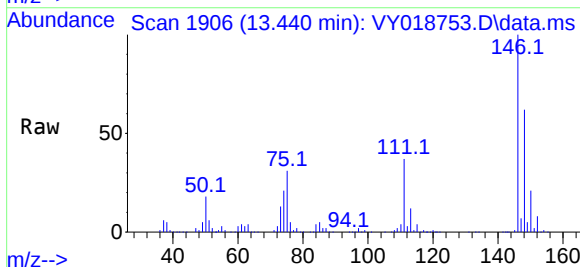
Tgt Ion:146 Resp: 259381

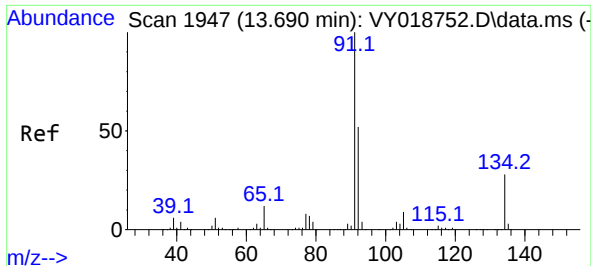
Ion Ratio Lower Upper

146 100

111 37.6 18.4 55.4

148 63.5 32.4 97.2

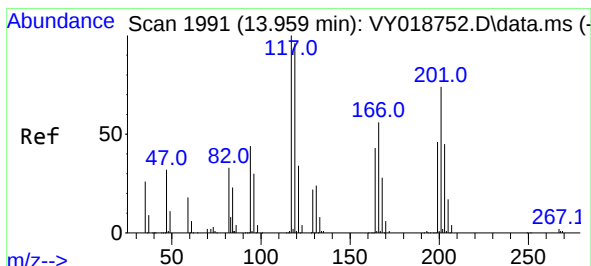
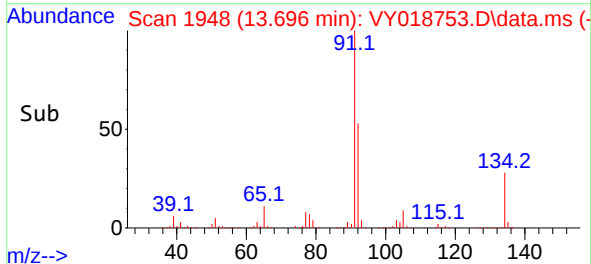
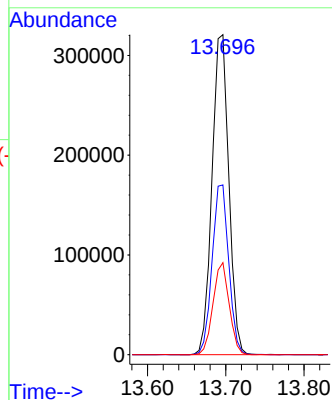
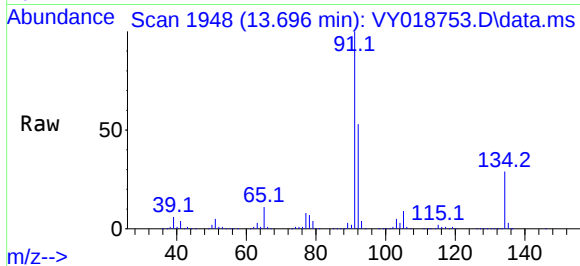




#89  
n-Butylbenzene  
Concen: 96.119 ug/l  
RT: 13.696 min Scan# 1947  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

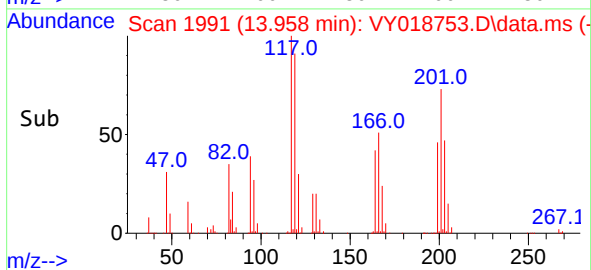
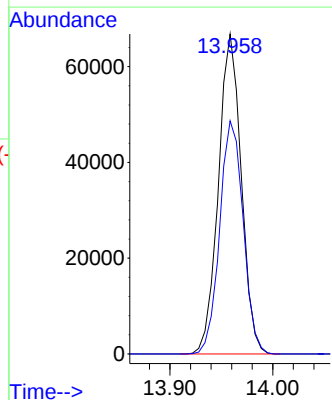
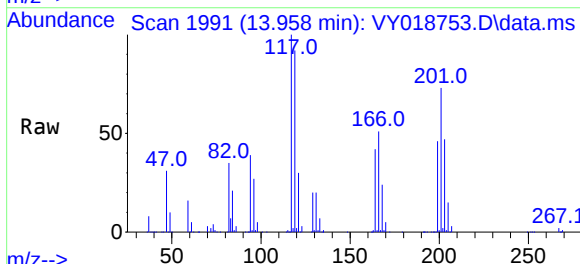
Instrument :  
MSVOA\_Y  
ClientSampleId :

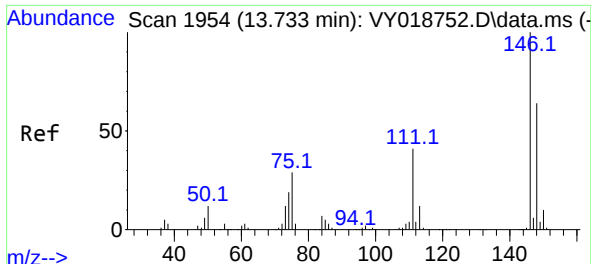
Tgt Ion: 91 Resp: 477537  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.6 79.7  
134 27.7 12.9 38.7



#90  
Hexachloroethane  
Concen: 101.112 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion: 117 Resp: 103048  
Ion Ratio Lower Upper  
117 100  
201 74.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 92.717 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

Instrument :

MSVOA\_Y

ClientSampleId :

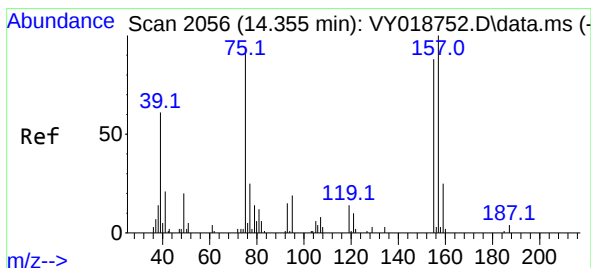
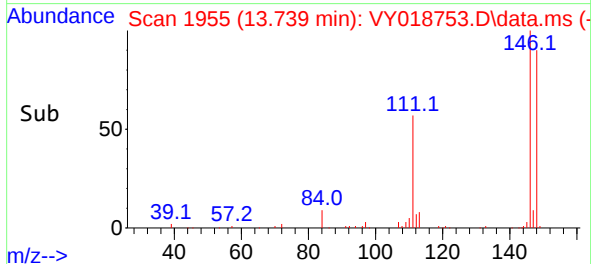
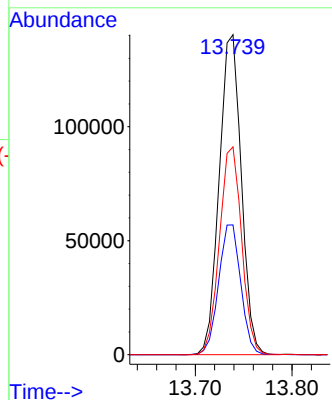
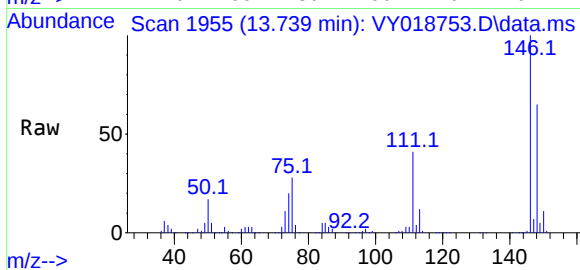
Tgt Ion:146 Resp: 222318

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

148 65.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 83.304 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY018753.D

Acq: 09 Jul 2024 12:48

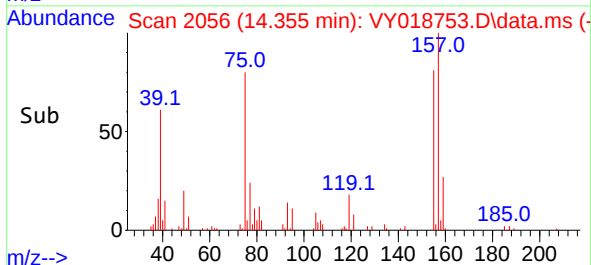
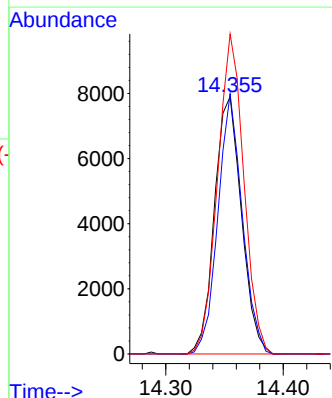
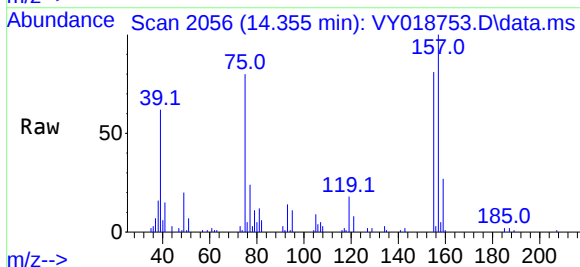
Tgt Ion: 75 Resp: 12598

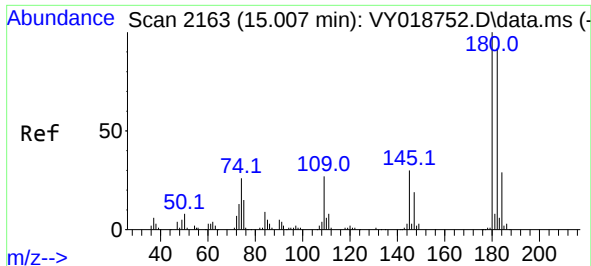
Ion Ratio Lower Upper

75 100

155 91.1 48.6 145.8

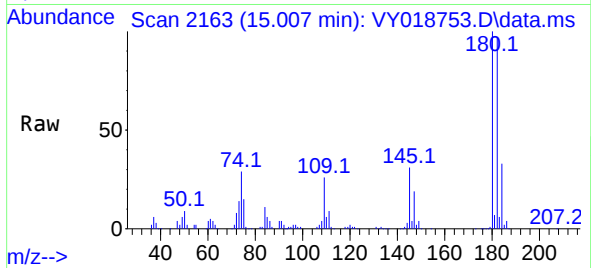
157 121.0 62.7 188.2



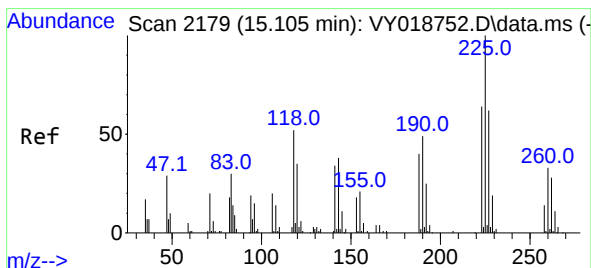
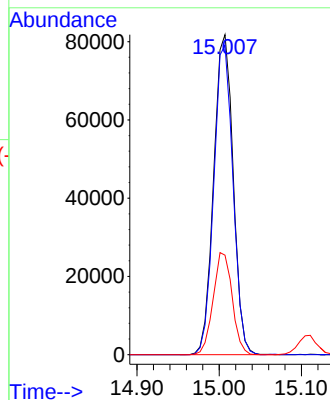
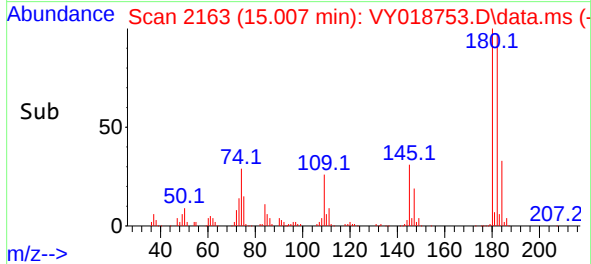


#93  
1,2,4-Trichlorobenzene  
Concen: 91.956 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

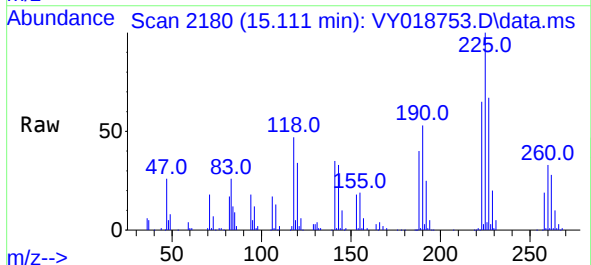
Instrument :  
MSVOA\_Y  
ClientSampleId :



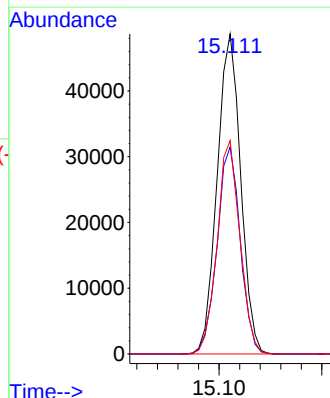
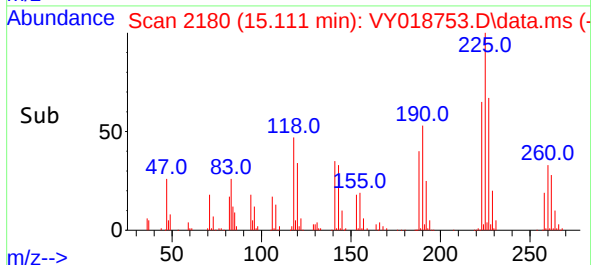
Tgt Ion:180 Resp: 134599  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.9 143.8  
145 31.2 14.2 42.6

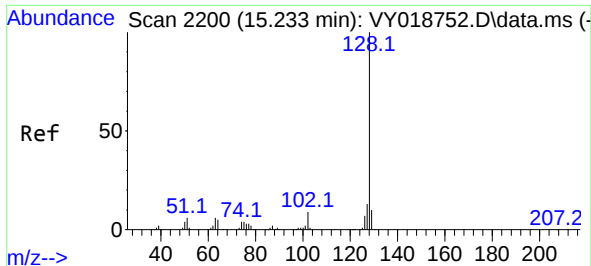


#94  
Hexachlorobutadiene  
Concen: 91.569 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.006 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48



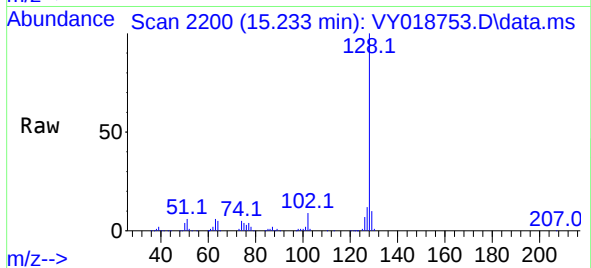
Tgt Ion:225 Resp: 77256  
Ion Ratio Lower Upper  
225 100  
223 63.6 30.4 91.2  
227 64.5 31.9 95.9



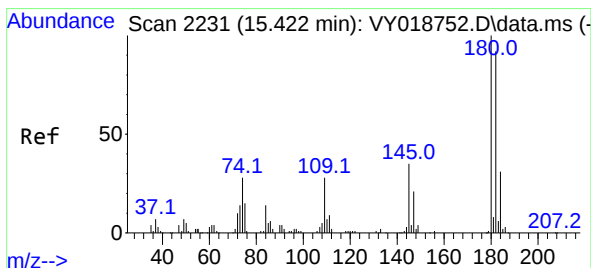
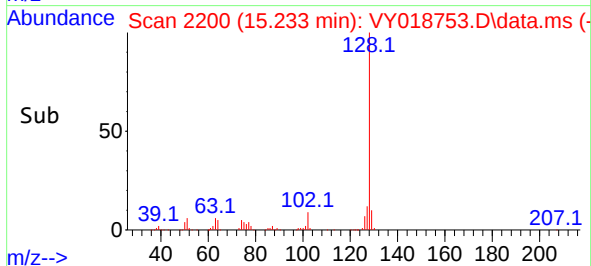
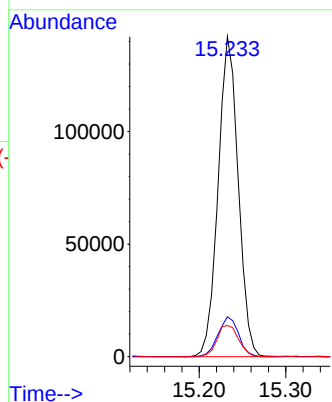


#95  
Naphthalene  
Concen: 91.135 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion:128 Resp: 228843  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.6 16.0  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 90.697 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY018753.D  
Acq: 09 Jul 2024 12:48

Tgt Ion:180 Resp: 113589  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.6 142.9  
145 32.1 15.4 46.1

