

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072424\  
 Data File : VY018904.D  
 Acq On : 24 Jul 2024 12:20  
 Operator : SY/MD  
 Sample : VY0724SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 25 01:26:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 14:28:51 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.777  | 168   | 95766    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.679  | 114   | 143096   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.483 | 117   | 126696   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 63268    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.130  | 65    | 49746    | 52.789   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 105.580% |          |
| 35) Dibromofluoromethane     | 7.710  | 113   | 50338    | 56.166   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 112.340% |          |
| 50) Toluene-d8               | 10.173 | 98    | 181060   | 53.324   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 106.640% |          |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 62528    | 53.923   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 107.840% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 12415    | 15.471   | ug/l       | 99       |
| 3) Chloromethane             | 2.107  | 50    | 19365    | 15.880   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.241  | 62    | 24790    | 17.378   | ug/l       | 90       |
| 5) Bromomethane              | 2.631  | 94    | 18925    | 19.287   | ug/l       | 91       |
| 6) Chloroethane              | 2.778  | 64    | 15973    | 17.235   | ug/l       | 96       |
| 7) Trichlorofluoromethane    | 3.107  | 101   | 34891    | 18.718   | ug/l       | 87       |
| 8) Diethyl Ether             | 3.515  | 74    | 8617     | 18.967   | ug/l       | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 3.875  | 101   | 18287    | 19.121   | ug/l       | 92       |
| 10) Methyl Iodide            | 4.070  | 142   | 17446    | 16.940   | ug/l       | 91       |
| 11) Tert butyl alcohol       | 4.924  | 59    | 6081     | 63.701   | ug/l #     | 80       |
| 12) 1,1-Dichloroethene       | 3.857  | 96    | 16523    | 17.858   | ug/l       | 98       |
| 13) Acrolein                 | 3.717  | 56    | 4632     | 60.563   | ug/l       | 99       |
| 14) Allyl chloride           | 4.454  | 41    | 22108    | 19.288   | ug/l       | 95       |
| 15) Acrylonitrile            | 5.143  | 53    | 18196    | 101.523  | ug/l       | 97       |
| 16) Acetone                  | 3.930  | 43    | 17248    | 99.278   | ug/l       | 88       |
| 17) Carbon Disulfide         | 4.180  | 76    | 38217    | 14.752   | ug/l       | 98       |
| 18) Methyl Acetate           | 4.466  | 43    | 10335    | 20.473   | ug/l       | 100      |
| 19) Methyl tert-butyl Ether  | 5.204  | 73    | 42872    | 19.975   | ug/l       | 100      |
| 20) Methylene Chloride       | 4.698  | 84    | 32175    | 30.795   | ug/l       | 91       |
| 21) trans-1,2-Dichloroethene | 5.210  | 96    | 18037    | 18.471   | ug/l #     | 85       |
| 22) Diisopropyl ether        | 6.106  | 45    | 48897    | 19.611   | ug/l       | 94       |
| 23) Vinyl Acetate            | 6.045  | 43    | 189188   | 96.312   | ug/l       | 97       |
| 24) 1,1-Dichloroethane       | 5.997  | 63    | 31379    | 19.711   | ug/l       | 97       |
| 25) 2-Butanone               | 6.978  | 43    | 24815    | 101.898  | ug/l       | 90       |
| 26) 2,2-Dichloropropane      | 6.966  | 77    | 29203    | 19.771   | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene   | 6.972  | 96    | 22811    | 20.064   | ug/l       | 99       |
| 28) Bromochloromethane       | 7.326  | 49    | 13969    | 21.847   | ug/l       | 100      |
| 29) Tetrahydrofuran          | 7.344  | 42    | 15686    | 105.065  | ug/l       | 90       |
| 30) Chloroform               | 7.496  | 83    | 36845    | 20.767   | ug/l       | 92       |
| 31) Cyclohexane              | 7.777  | 56    | 24704    | 17.064   | ug/l       | 94       |
| 32) 1,1,1-Trichloroethane    | 7.691  | 97    | 32880    | 19.929   | ug/l       | 96       |
| 36) 1,1-Dichloropropene      | 7.905  | 75    | 24645    | 19.926   | ug/l       | 98       |
| 37) Ethyl Acetate            | 7.063  | 43    | 9480     | 18.440   | ug/l       | 95       |
| 38) Carbon Tetrachloride     | 7.893  | 117   | 30663    | 20.584   | ug/l       | 96       |
| 39) Methylcyclohexane        | 9.173  | 83    | 30713    | 19.377   | ug/l       | 98       |
| 40) Benzene                  | 8.155  | 78    | 73420    | 20.463   | ug/l       | 96       |

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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 7695     | 26.253  | ug/l # | 35       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 20977    | 20.882  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 21193    | 20.717  | ug/l   | 94       |
| 44) Trichloroethene           | 8.935  | 130  | 21644    | 21.104  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 16950    | 21.694  | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 10794    | 21.313  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.490  | 83   | 27211    | 21.508  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.283  | 41   | 9172     | 19.726  | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 2793     | 470.470 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 56136    | 107.481 | ug/l   | 93       |
| 52) Toluene                   | 10.240 | 92   | 48472    | 20.326  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 22454    | 20.555  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 26805    | 20.917  | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 14611    | 22.783  | ug/l # | 95       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 18004    | 21.324  | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 22969    | 21.605  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 42634    | 105.692 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.825 | 43   | 39632    | 108.464 | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.977 | 129  | 20302    | 23.040  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 13747    | 22.049  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.715 | 164  | 21067    | 20.543  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.514 | 112  | 56241    | 21.043  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 20232    | 21.971  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.587 | 91   | 94423    | 20.167  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 74317    | 40.449  | ug/l   | 98       |
| 69) o-Xylene                  | 12.026 | 106  | 35818    | 20.736  | ug/l   | 99       |
| 70) Styrene                   | 12.038 | 104  | 59693    | 20.711  | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 11408    | 22.728  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.325 | 105  | 95046    | 20.527  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 18533    | 19.571  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 15366    | 21.051  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 18745    | 37.828  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 22350    | 20.219  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.666 | 91   | 111948   | 20.359  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 63729    | 20.612  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 77404    | 20.430  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 4365     | 19.715  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 65355    | 20.528  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 72526    | 20.735  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 76789    | 20.396  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 102864   | 20.719  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 88107    | 20.556  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 45473    | 20.945  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 45249    | 21.029  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.696 | 91   | 79410    | 20.436  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 17193    | 21.569  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 39979    | 21.318  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 2521     | 21.314  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 24290    | 21.217  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 14498    | 21.971  | ug/l   | 96       |
| 95) Naphthalene               | 15.233 | 128  | 39133    | 19.926  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 19976    | 20.393  | ug/l   | 98       |

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

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QLast Update : Tue Jul 09 14:28:51 2024  
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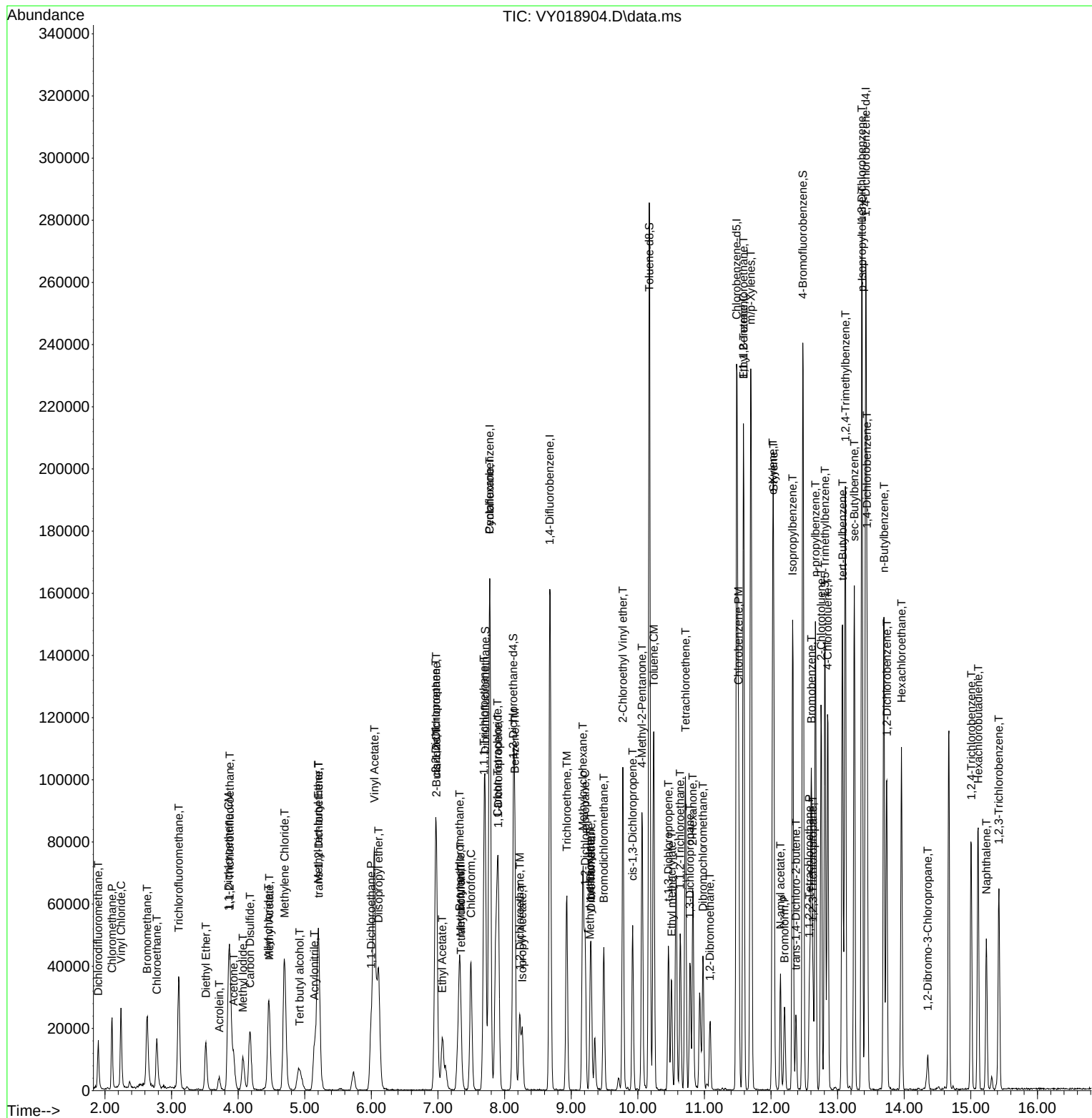
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

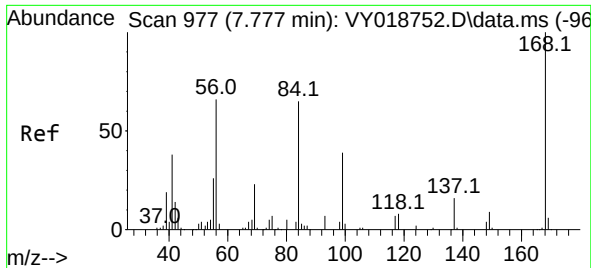
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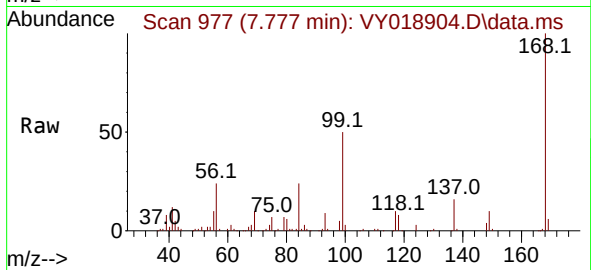
Quant Time: Jul 25 01:26:26 2024  
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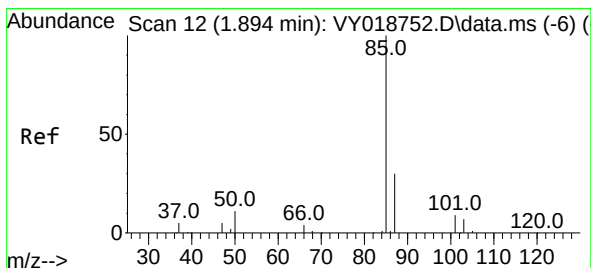
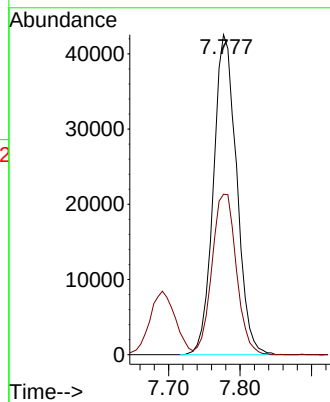
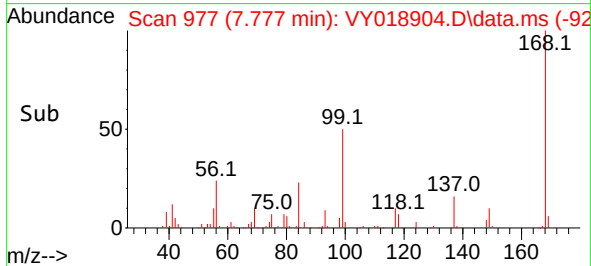


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Instrument :  
MSVOA\_Y  
ClientSampleId :

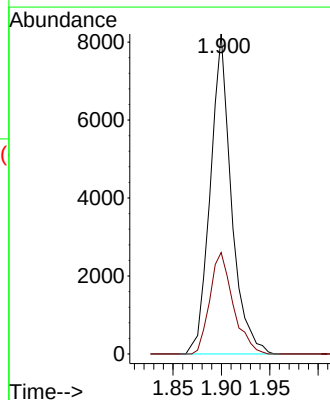
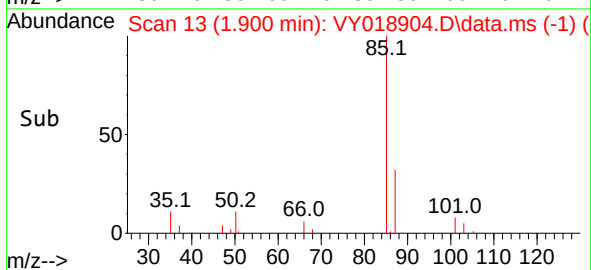
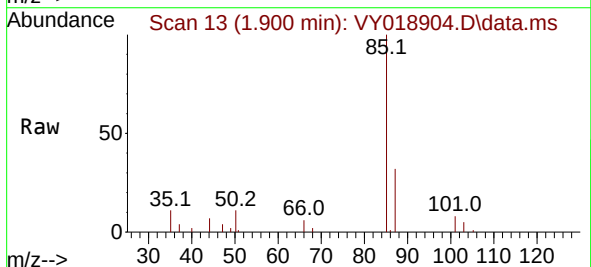


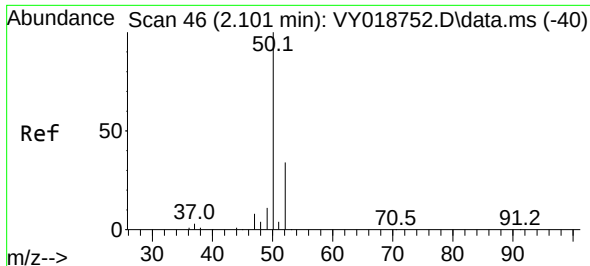
Tgt Ion:168 Resp: 95766  
Ion Ratio Lower Upper  
168 100  
99 50.0 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 15.471 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 85 Resp: 12415  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.0 48.0

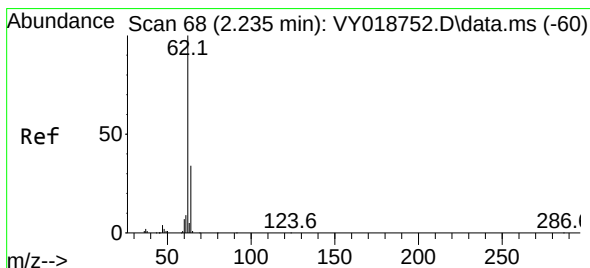
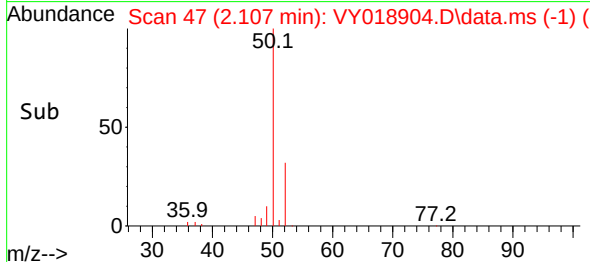
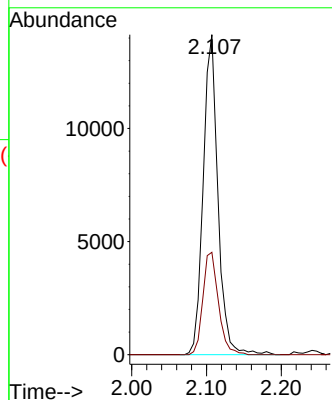
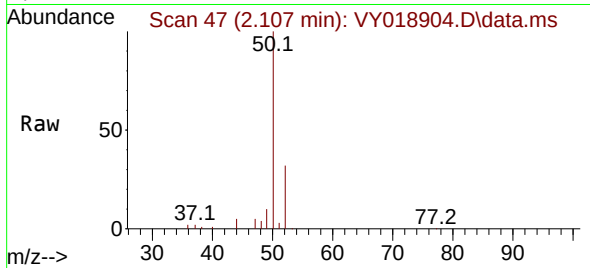




#3  
Chloromethane  
Concen: 15.880 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

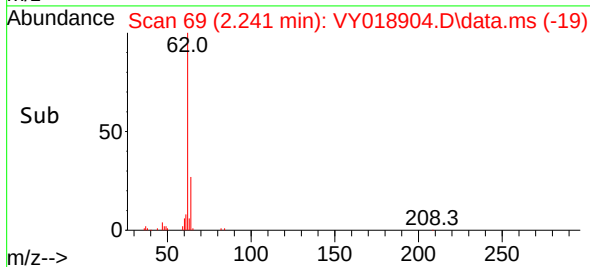
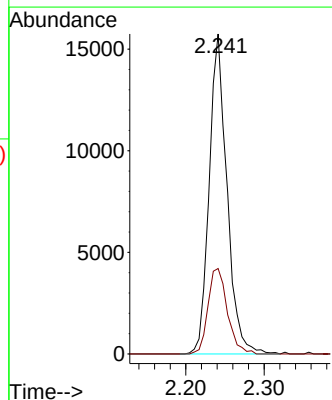
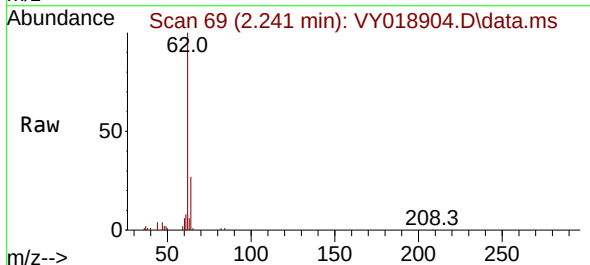
Instrument :  
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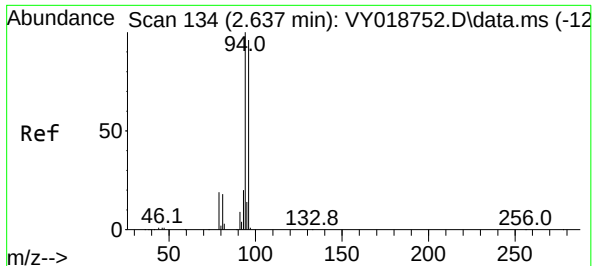
Tgt Ion: 50 Resp: 19365  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.6 38.4



#4  
Vinyl Chloride  
Concen: 17.378 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 62 Resp: 24790  
Ion Ratio Lower Upper  
62 100  
64 26.7 26.1 39.1

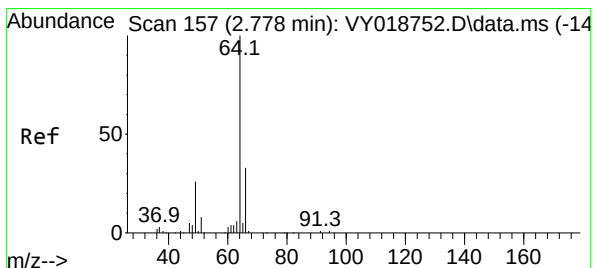
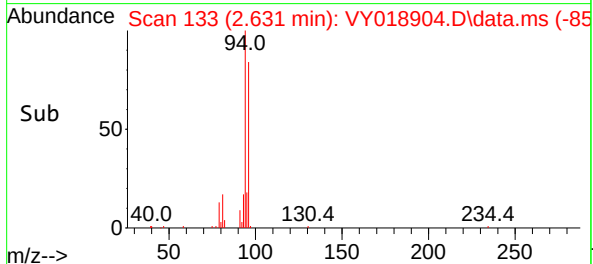
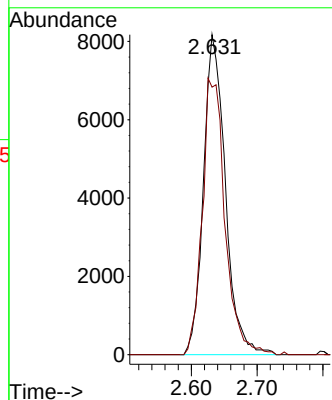
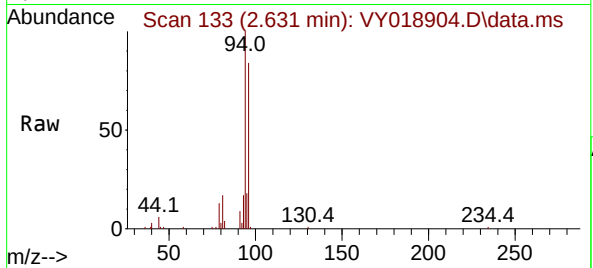




#5  
Bromomethane  
Concen: 19.287 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

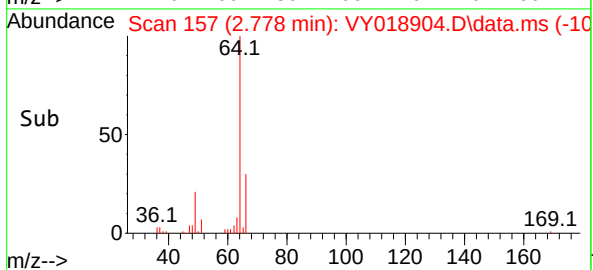
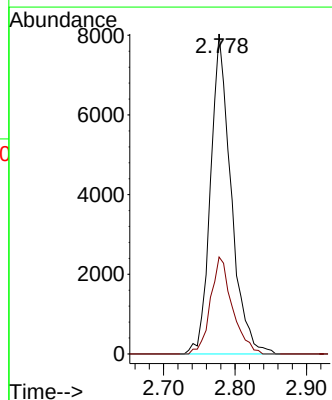
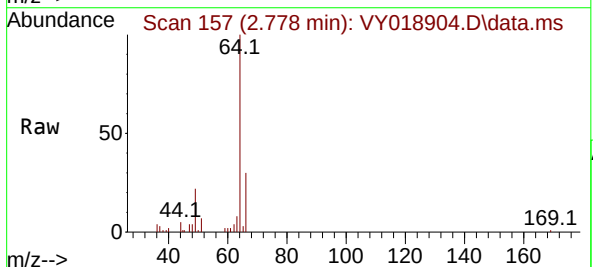
Instrument :  
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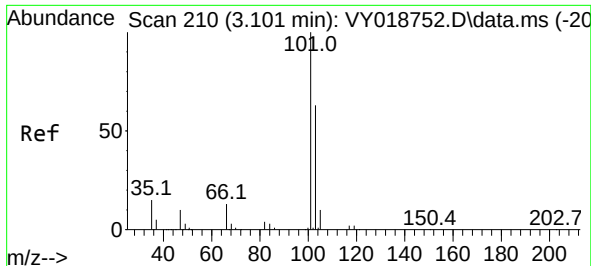
Tgt Ion: 94 Resp: 18925  
Ion Ratio Lower Upper  
94 100  
96 83.6 74.1 111.1



#6  
Chloroethane  
Concen: 17.235 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 64 Resp: 15973  
Ion Ratio Lower Upper  
64 100  
66 30.3 26.1 39.1

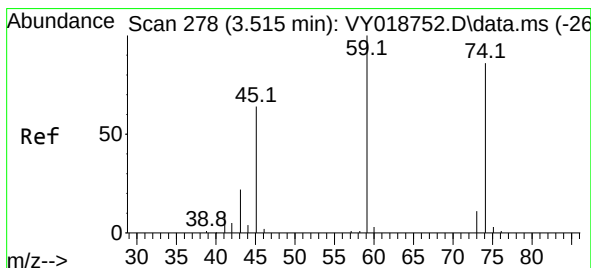
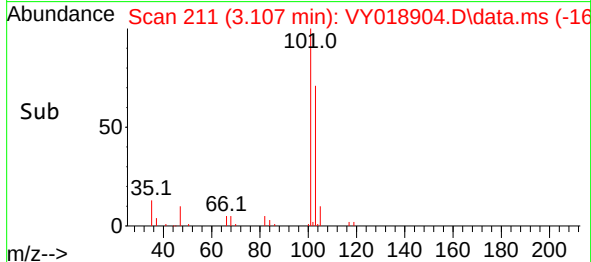
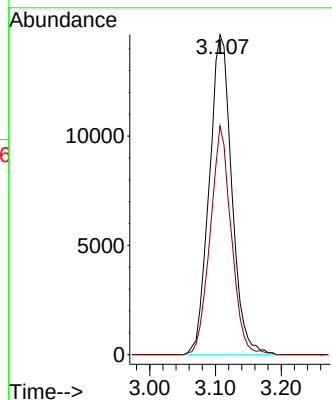
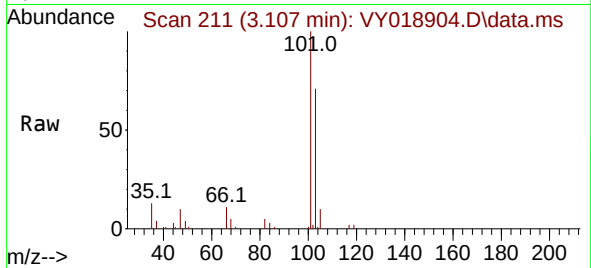




#7  
 Trichlorofluoromethane  
 Concen: 18.718 ug/l  
 RT: 3.107 min Scan# 210  
 Delta R.T. 0.006 min  
 Lab File: VY018904.D  
 Acq: 24 Jul 2024 12:20

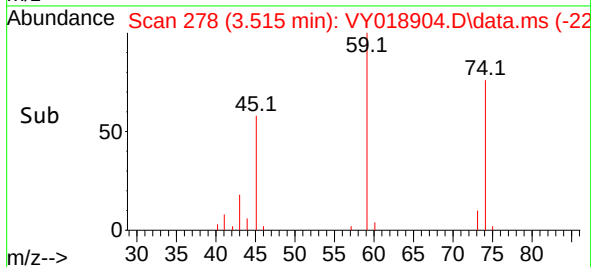
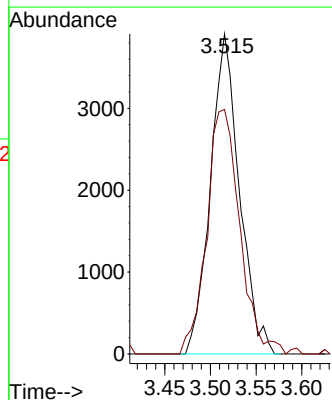
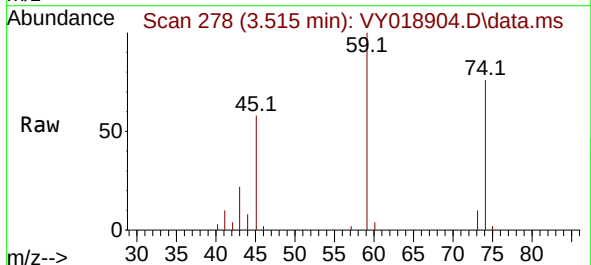
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 34891  
 Ion Ratio Lower Upper  
 101 100  
 103 71.4 49.3 73.9

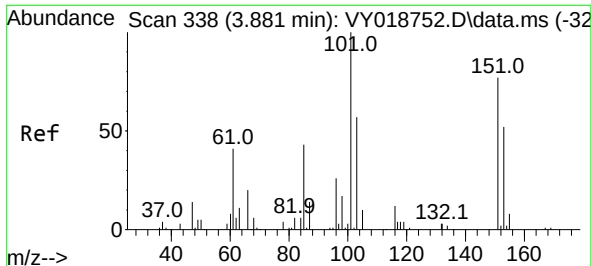


#8  
 Diethyl Ether  
 Concen: 18.967 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. 0.000 min  
 Lab File: VY018904.D  
 Acq: 24 Jul 2024 12:20

Tgt Ion: 74 Resp: 8617  
 Ion Ratio Lower Upper  
 74 100  
 45 86.8 41.3 124.1



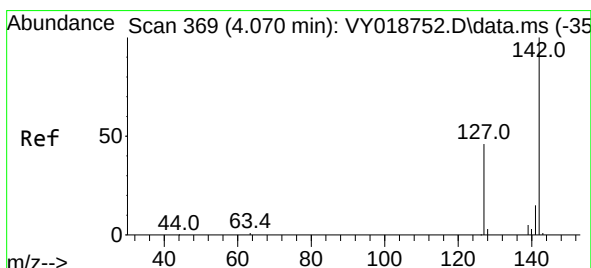
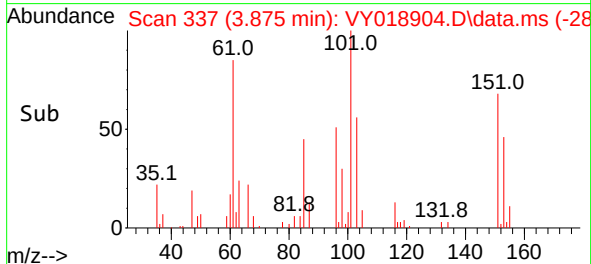
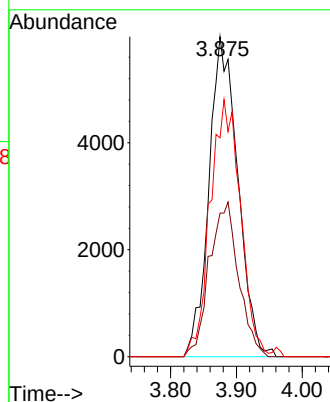
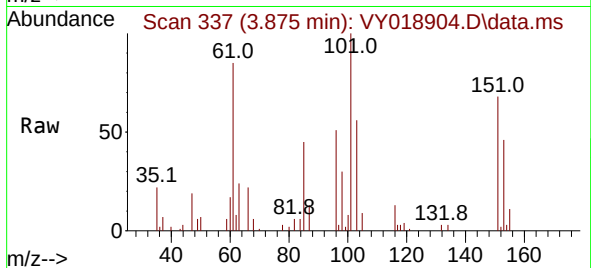




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.121 ug/l  
RT: 3.875 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

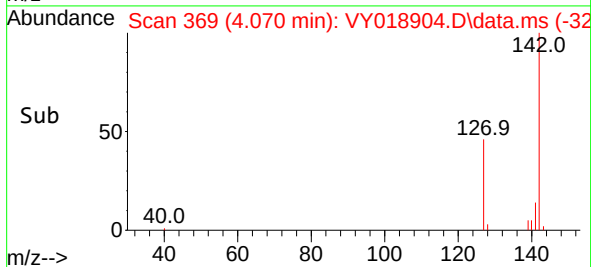
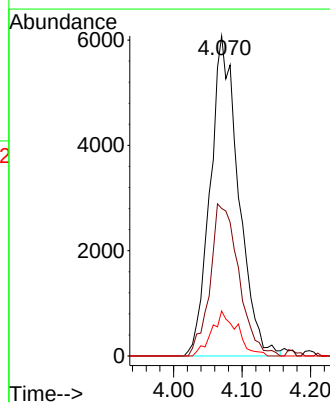
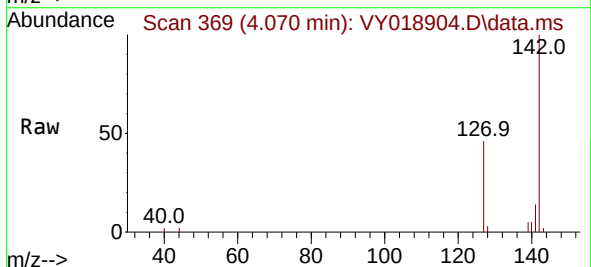
Instrument :  
MSVOA\_Y  
ClientSampleId :

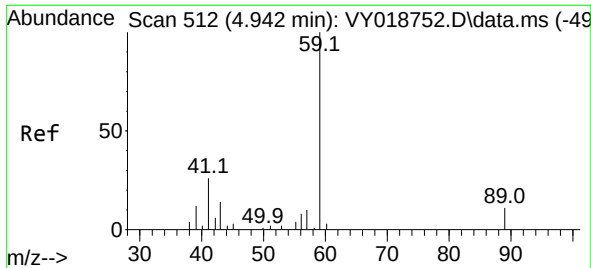
Tgt Ion:101 Resp: 18287  
Ion Ratio Lower Upper  
101 100  
85 48.7 34.5 51.7  
151 83.9 61.7 92.5



#10  
Methyl Iodide  
Concen: 16.940 ug/l  
RT: 4.070 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion:142 Resp: 17446  
Ion Ratio Lower Upper  
142 100  
127 48.0 32.8 49.2  
141 12.7 11.4 17.2

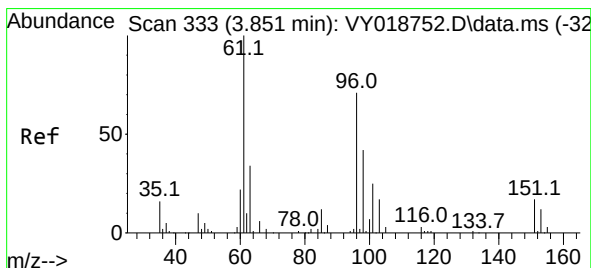
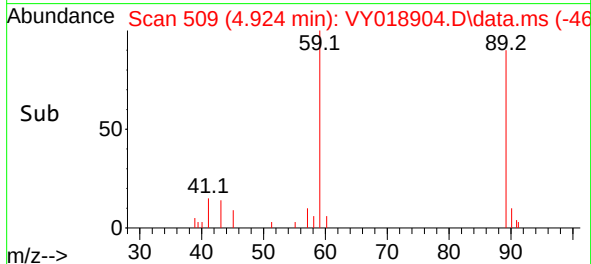
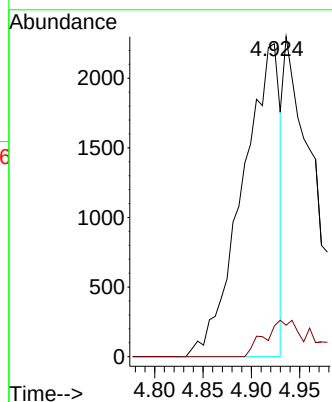
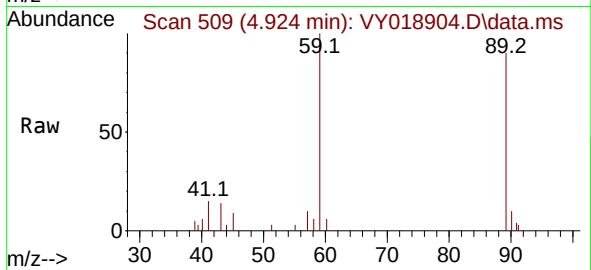




#11  
Tert butyl alcohol  
Concen: 63.701 ug/l  
RT: 4.924 min Scan# 509  
Delta R.T. -0.018 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

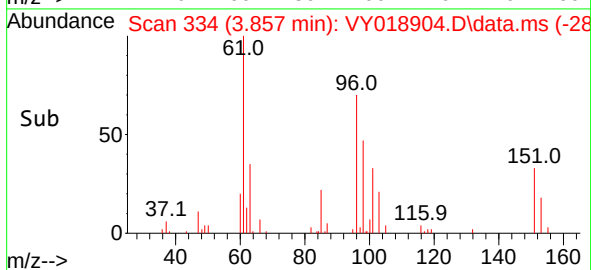
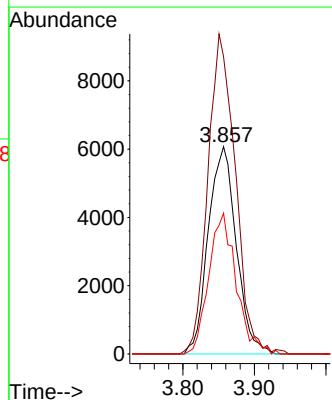
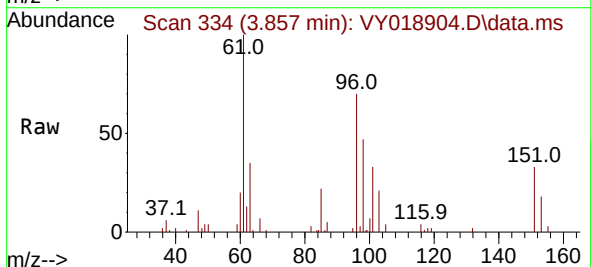
Instrument :  
MSVOA\_Y  
ClientSampleId :

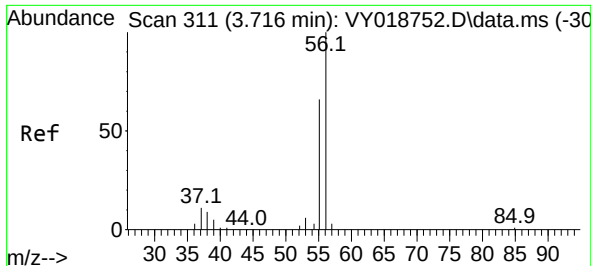
Tgt Ion: 59 Resp: 6081  
Ion Ratio Lower Upper  
59 100  
57 10.3 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 17.858 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 96 Resp: 16523  
Ion Ratio Lower Upper  
96 100  
61 143.3 114.6 171.8  
98 67.9 50.8 76.2





#13

Acrolein

Concen: 60.563 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.000 min

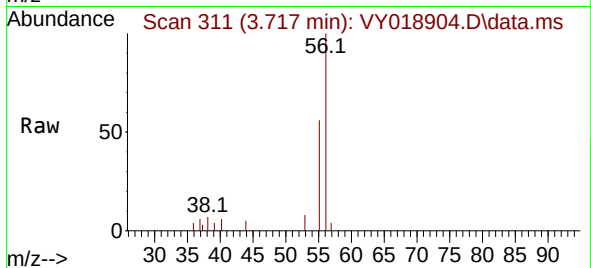
Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

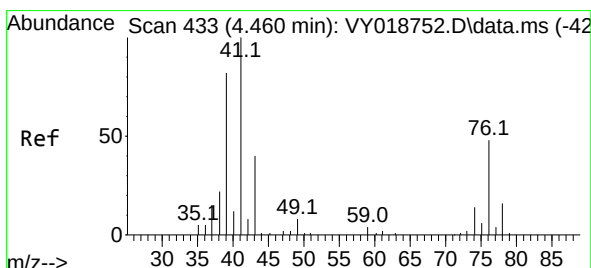
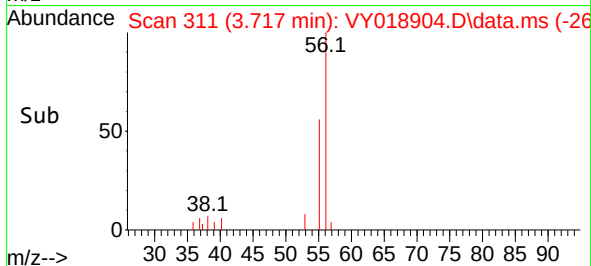
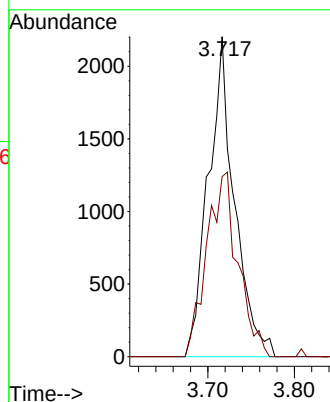


Tgt Ion: 56 Resp: 4632

Ion Ratio Lower Upper

56 100

55 68.4 55.7 83.5



#14

Allyl chloride

Concen: 19.288 ug/l

RT: 4.454 min Scan# 432

Delta R.T. -0.006 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

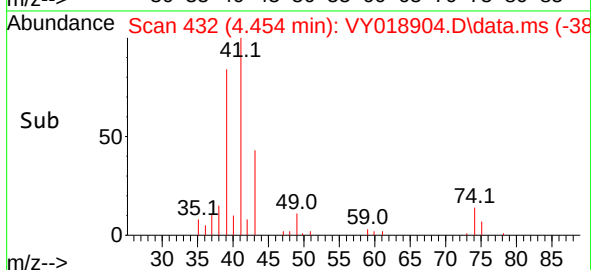
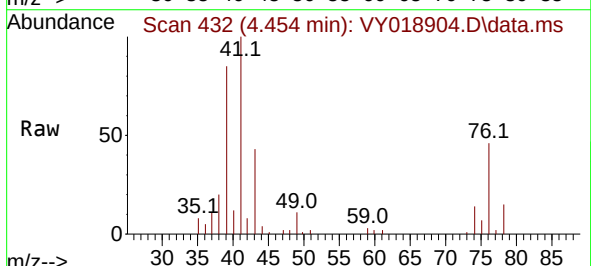
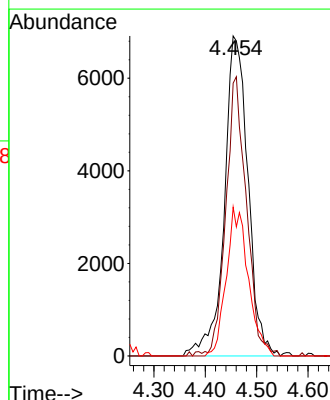
Tgt Ion: 41 Resp: 22108

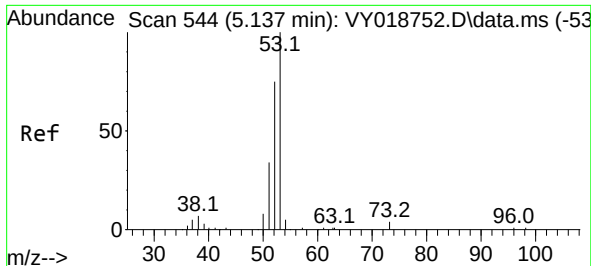
Ion Ratio Lower Upper

41 100

39 75.9 58.3 87.5

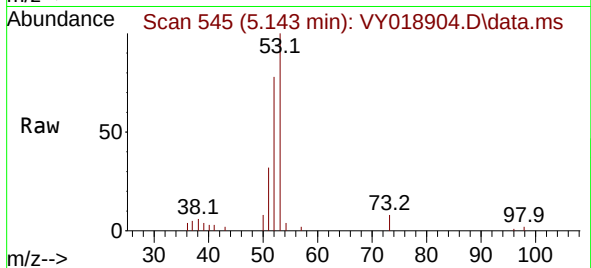
76 43.3 39.0 58.6



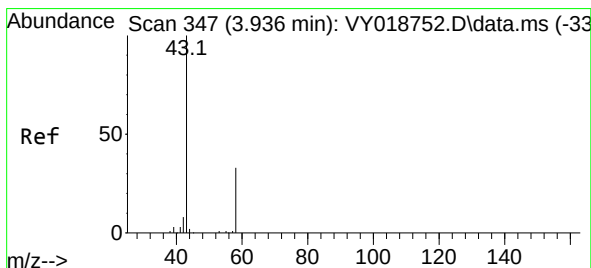
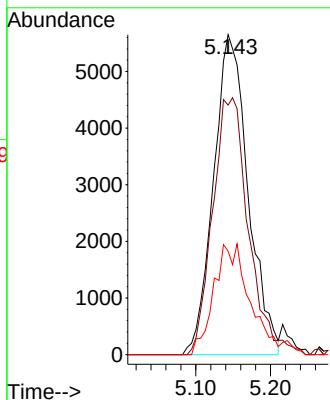
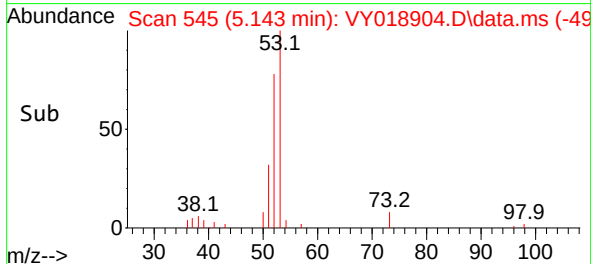


#15  
Acrylonitrile  
Concen: 101.523 ug/l  
RT: 5.143 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Instrument :  
MSVOA\_Y  
ClientSampleId :

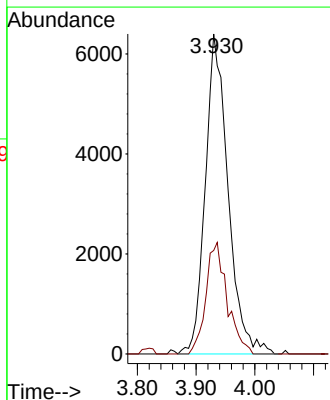
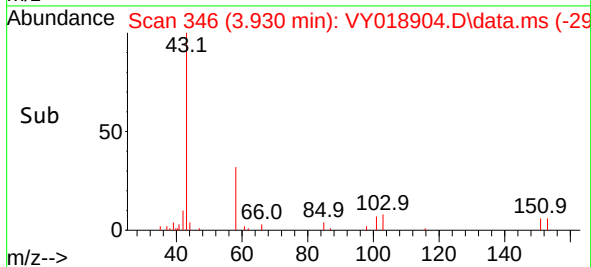
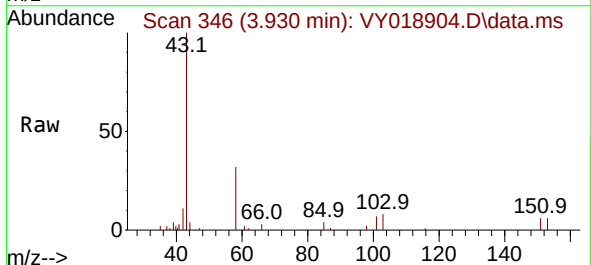


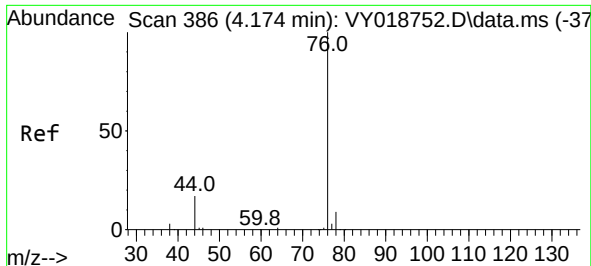
Tgt Ion: 53 Resp: 18196  
Ion Ratio Lower Upper  
53 100  
52 83.1 64.7 97.1  
51 37.1 28.4 42.6



#16  
Acetone  
Concen: 99.278 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 43 Resp: 17248  
Ion Ratio Lower Upper  
43 100  
58 32.4 31.7 47.5





#17

Carbon Disulfide

Concen: 14.752 ug/l

RT: 4.180 min Scan# 386

Delta R.T. 0.006 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

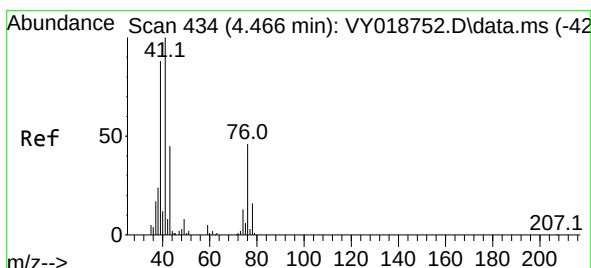
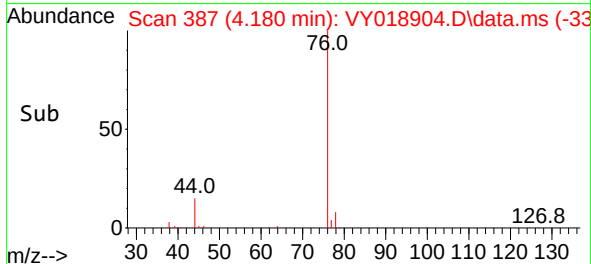
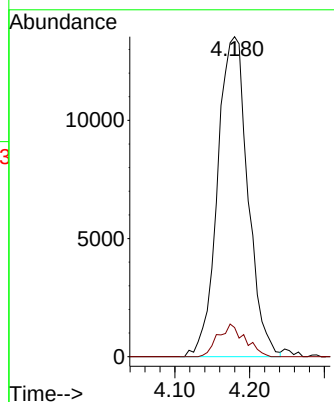
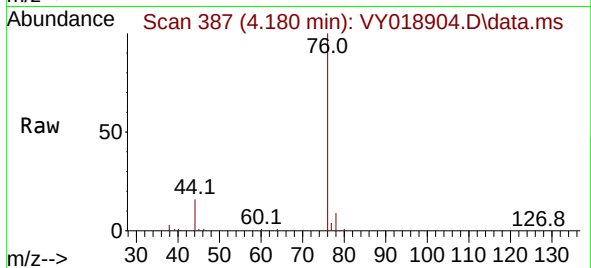
ClientSampleId :

Tgt Ion: 76 Resp: 38217

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 20.473 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018904.D

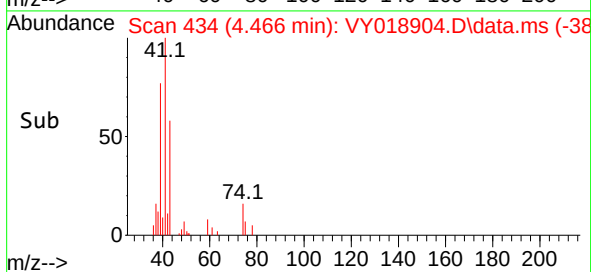
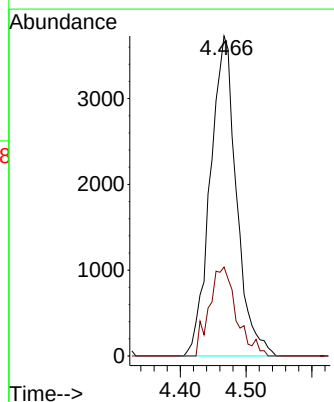
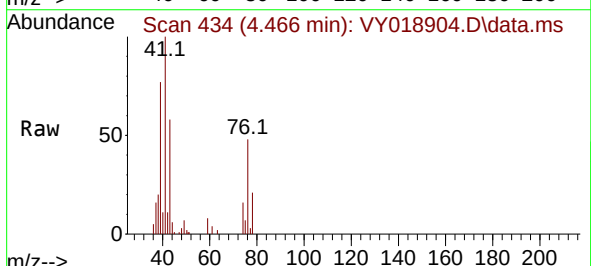
Acq: 24 Jul 2024 12:20

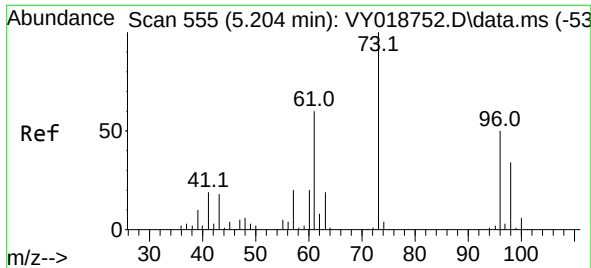
Tgt Ion: 43 Resp: 10335

Ion Ratio Lower Upper

43 100

74 28.9 23.3 34.9

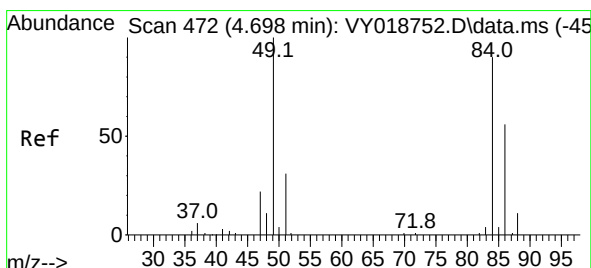
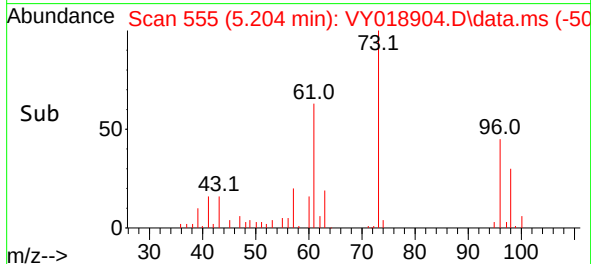
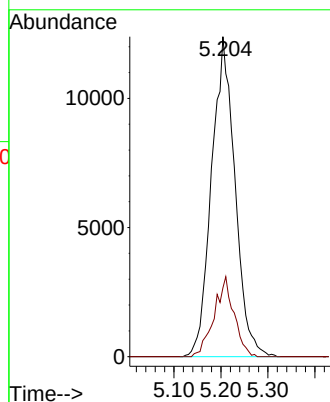
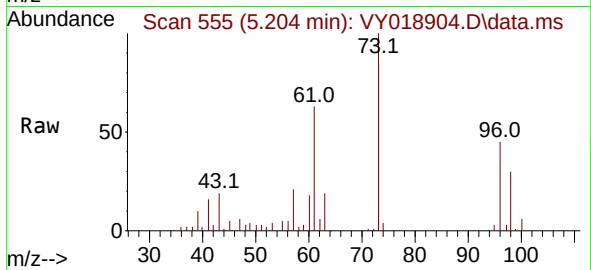




#19  
Methyl tert-butyl Ether  
Concen: 19.975 ug/l  
RT: 5.204 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

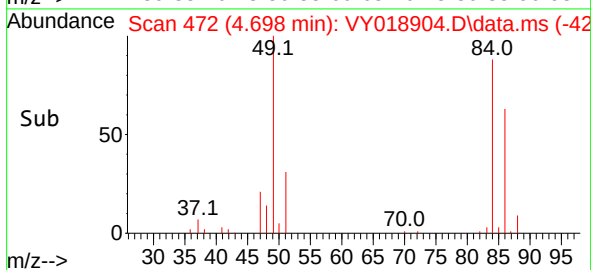
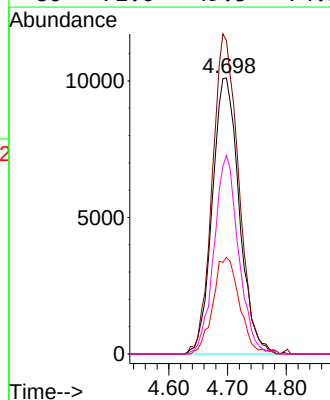
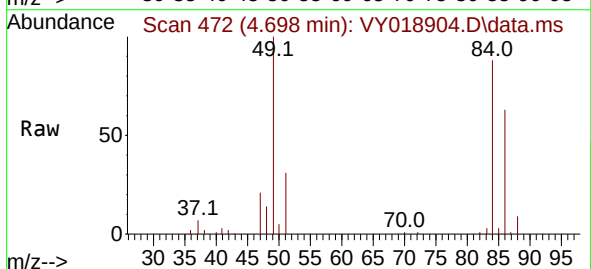
Instrument :  
MSVOA\_Y  
ClientSampleId :

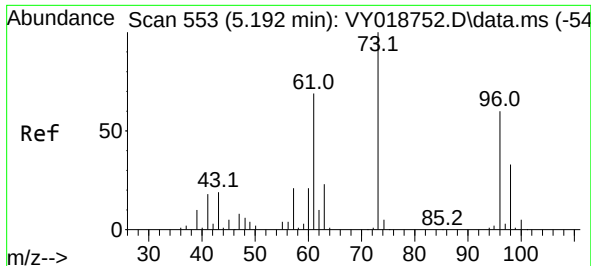
Tgt Ion: 73 Resp: 42872  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 30.795 ug/l  
RT: 4.698 min Scan# 472  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 84 Resp: 32175  
Ion Ratio Lower Upper  
84 100  
49 113.5 84.4 126.6  
51 35.0 26.0 39.0  
86 72.0 49.5 74.3

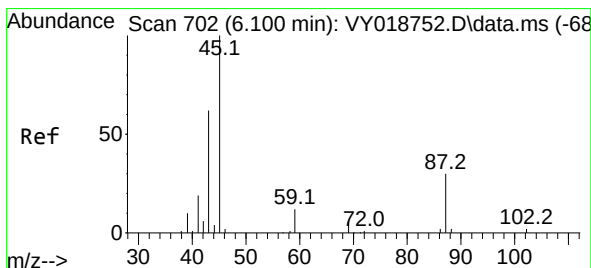
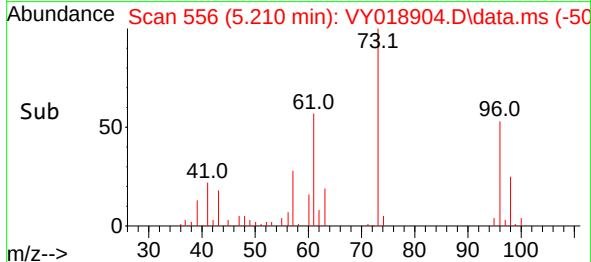
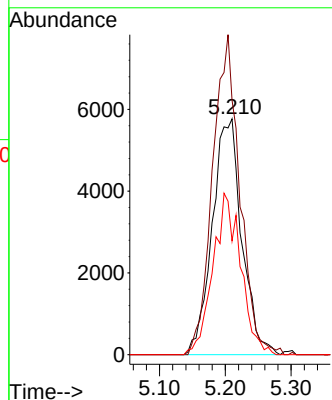
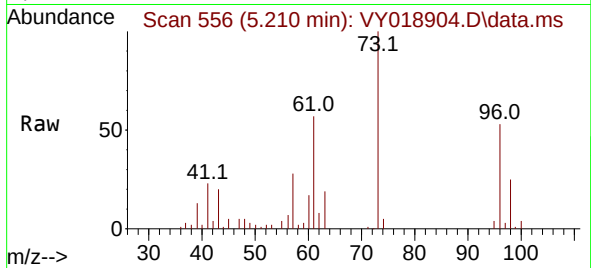




#21  
trans-1,2-Dichloroethene  
Concen: 18.471 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

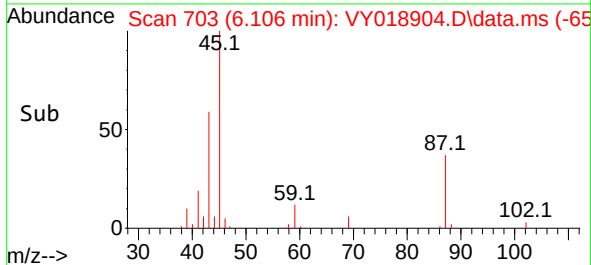
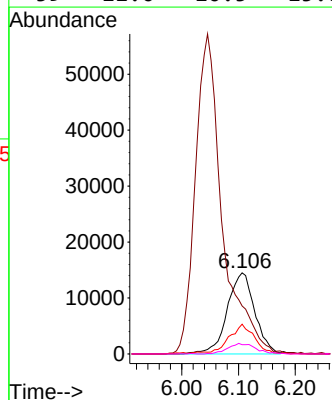
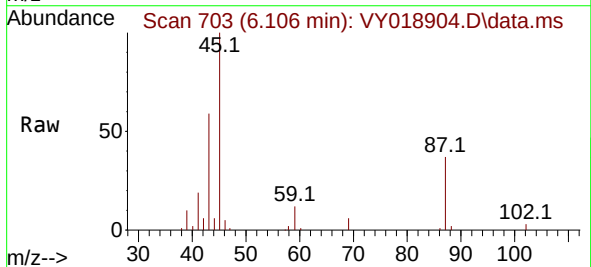
Instrument :  
MSVOA\_Y  
ClientSampleId :

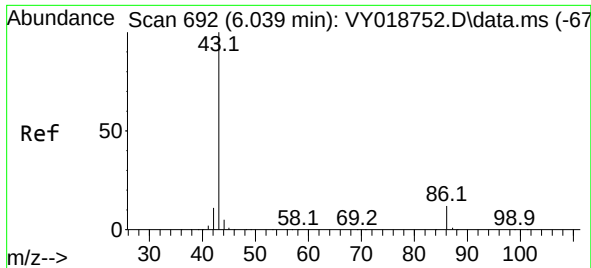
Tgt Ion: 96 Resp: 18037  
Ion Ratio Lower Upper  
96 100  
61 107.8 97.5 146.3  
98 48.2 50.5 75.7#



#22  
Diisopropyl ether  
Concen: 19.611 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 45 Resp: 48897  
Ion Ratio Lower Upper  
45 100  
43 55.4 42.2 63.2  
87 36.0 25.0 37.6  
59 11.0 10.5 15.7

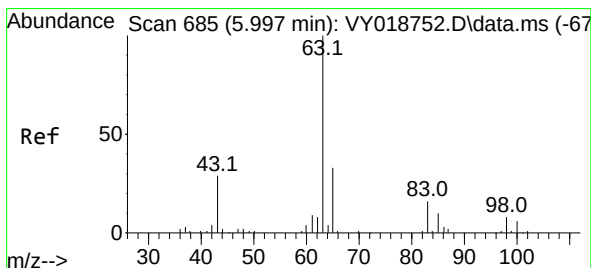
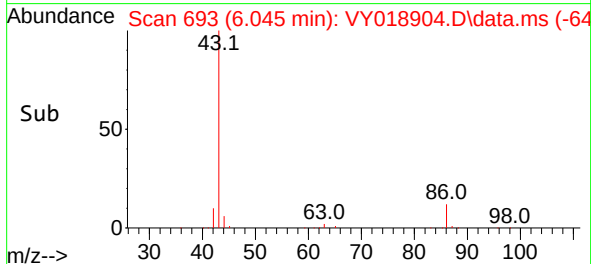
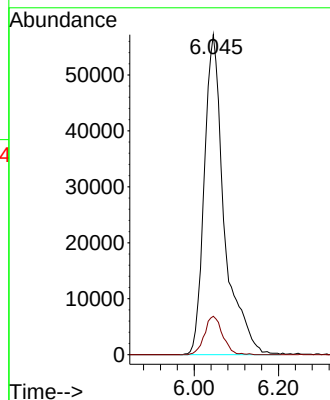
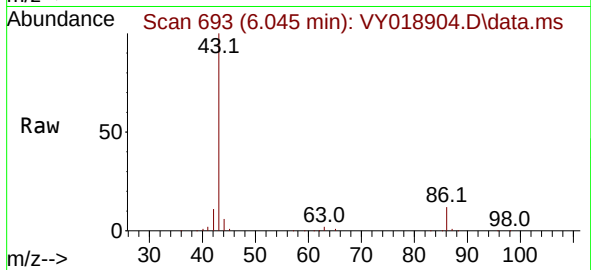




#23  
 Vinyl Acetate  
 Concen: 96.312 ug/l  
 RT: 6.045 min Scan# 692  
 Delta R.T. 0.006 min  
 Lab File: VY018904.D  
 Acq: 24 Jul 2024 12:20

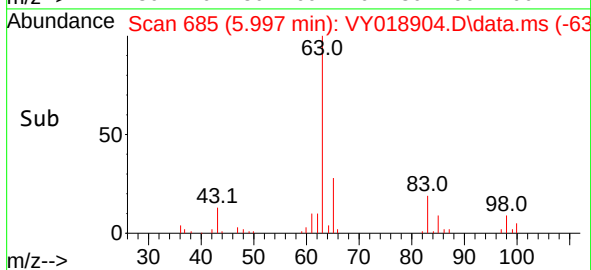
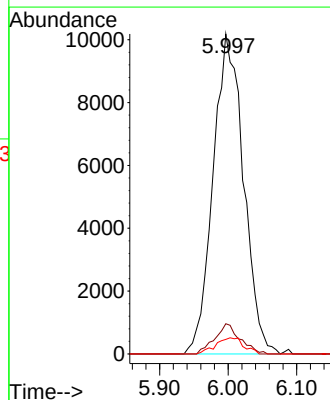
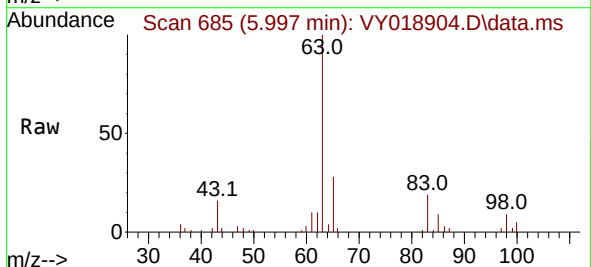
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 189188  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 10.6 16.0

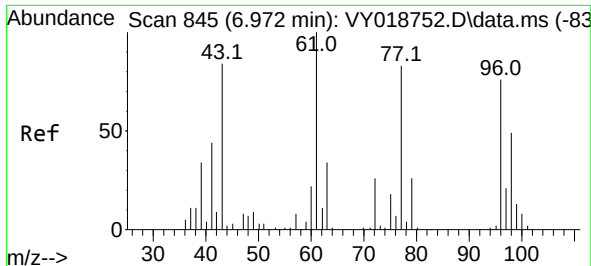


#24  
 1,1-Dichloroethane  
 Concen: 19.711 ug/l  
 RT: 5.997 min Scan# 685  
 Delta R.T. 0.000 min  
 Lab File: VY018904.D  
 Acq: 24 Jul 2024 12:20

Tgt Ion: 63 Resp: 31379  
 Ion Ratio Lower Upper  
 63 100  
 98 9.4 4.0 12.2  
 100 4.5 2.6 8.0



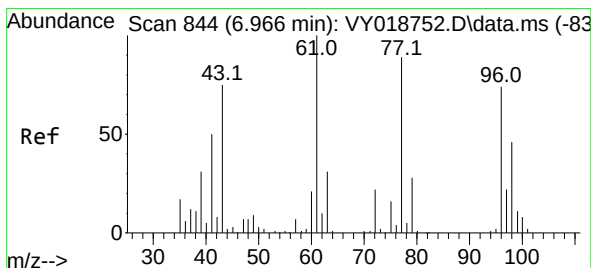
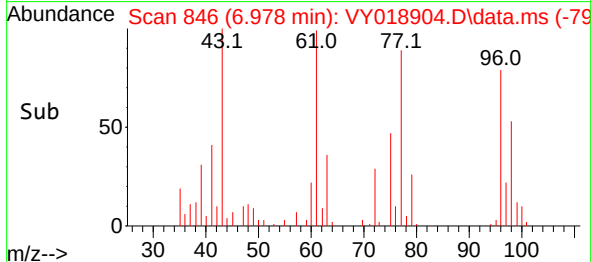
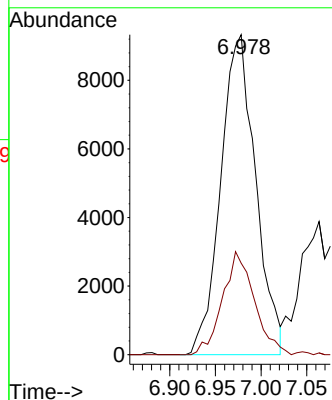
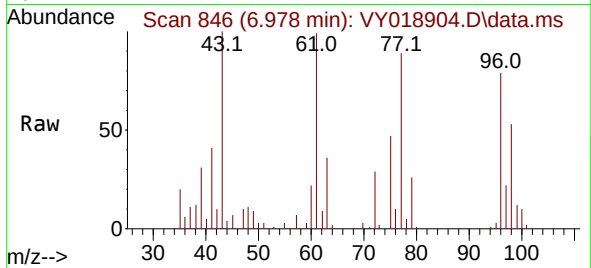




#25  
2-Butanone  
Concen: 101.898 ug/l  
RT: 6.978 min Scan# 845  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

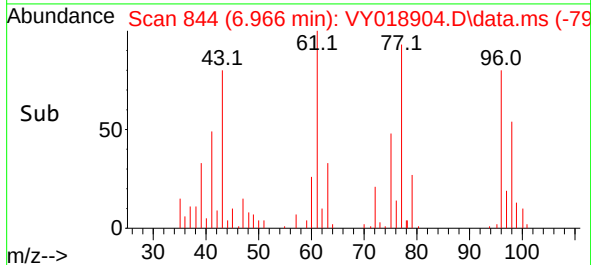
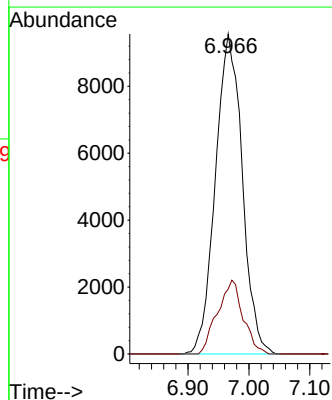
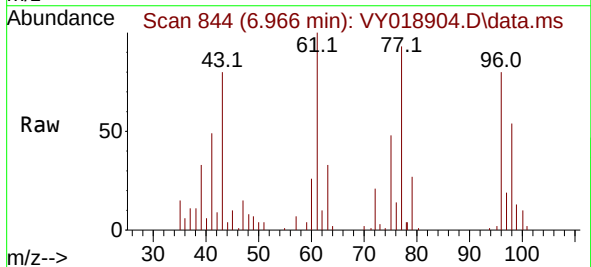
Instrument :  
MSVOA\_Y  
ClientSampleId :

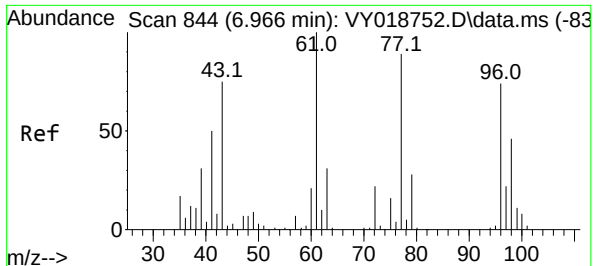
Tgt Ion: 43 Resp: 24815  
Ion Ratio Lower Upper  
43 100  
72 28.6 27.3 40.9



#26  
2,2-Dichloropropane  
Concen: 19.771 ug/l  
RT: 6.966 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 77 Resp: 29203  
Ion Ratio Lower Upper  
77 100  
97 22.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.064 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

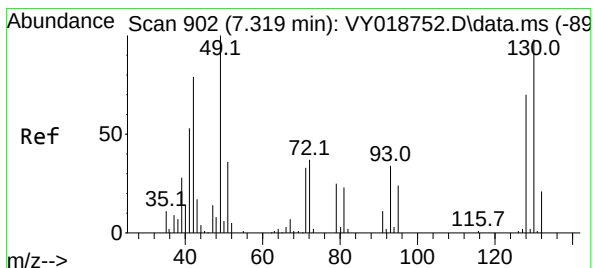
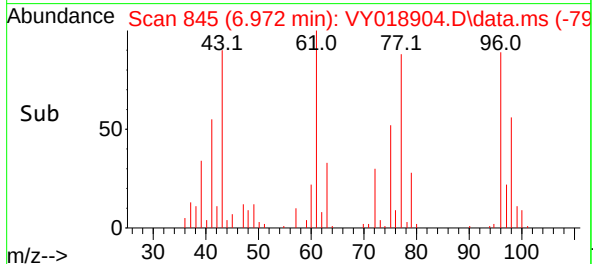
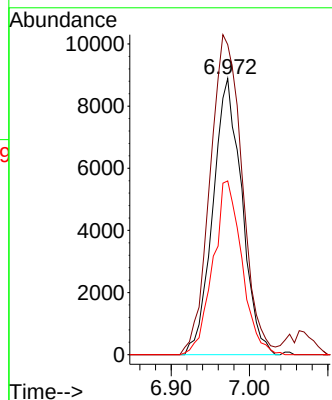
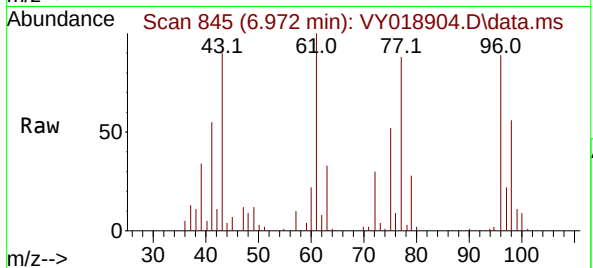
Tgt Ion: 96 Resp: 22811

Ion Ratio Lower Upper

96 100

61 128.5 0.0 256.2

98 62.8 0.0 130.0



#28

Bromochloromethane

Concen: 21.847 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

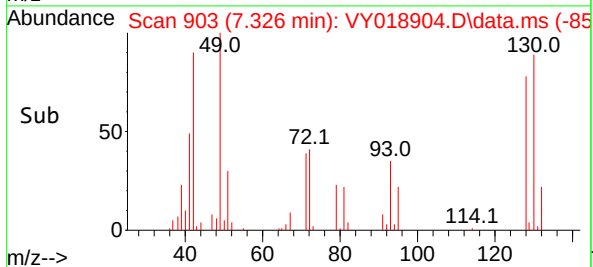
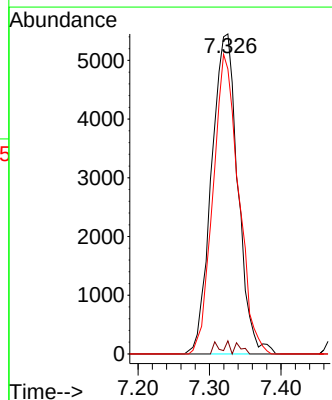
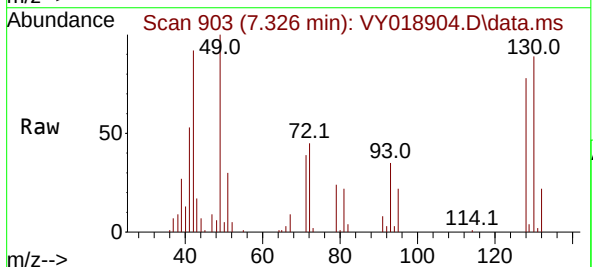
Tgt Ion: 49 Resp: 13969

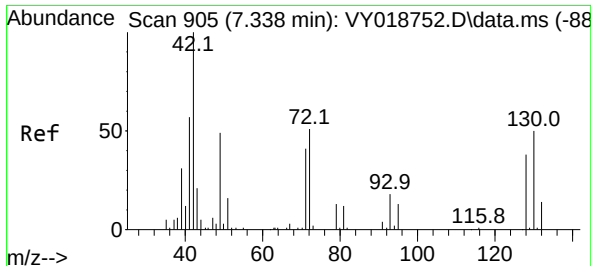
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.6

130 90.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 105.065 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

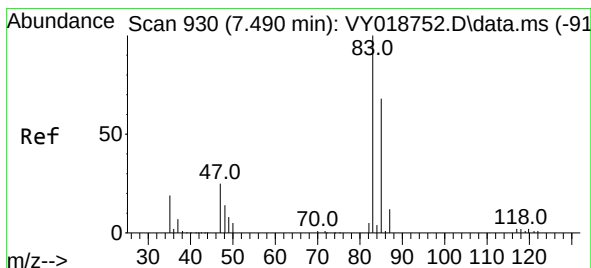
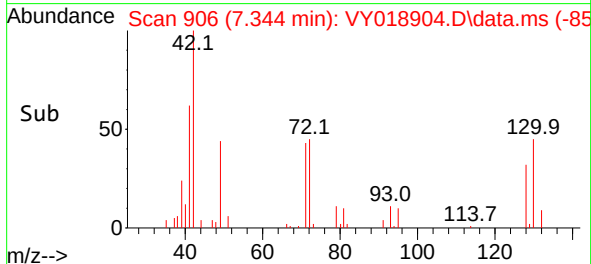
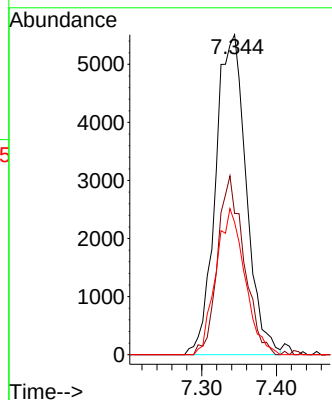
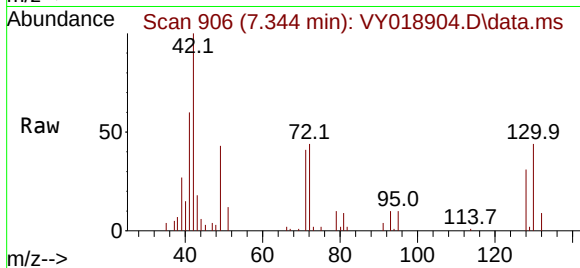
Tgt Ion: 42 Resp: 15686

Ion Ratio Lower Upper

42 100

72 48.2 43.0 64.4

71 43.1 40.8 61.2



#30

Chloroform

Concen: 20.767 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.006 min

Lab File: VY018904.D

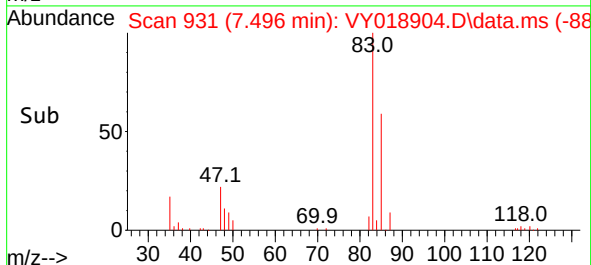
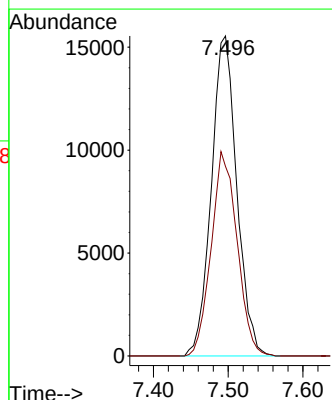
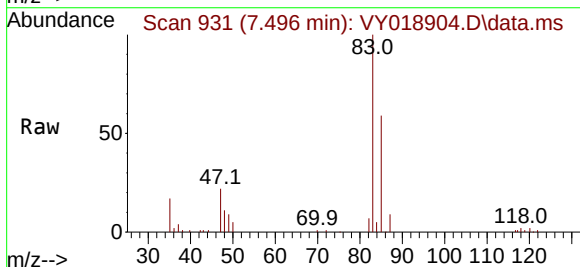
Acq: 24 Jul 2024 12:20

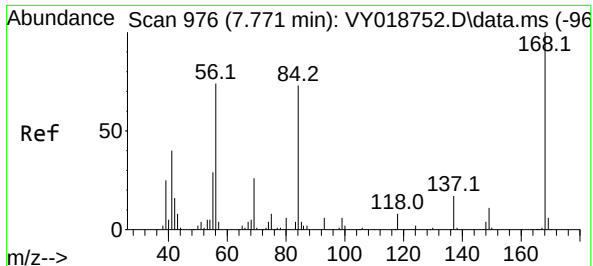
Tgt Ion: 83 Resp: 36845

Ion Ratio Lower Upper

83 100

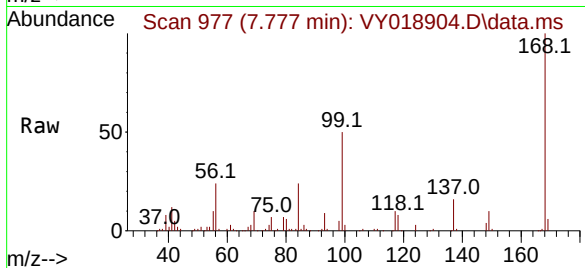
85 59.2 52.2 78.4



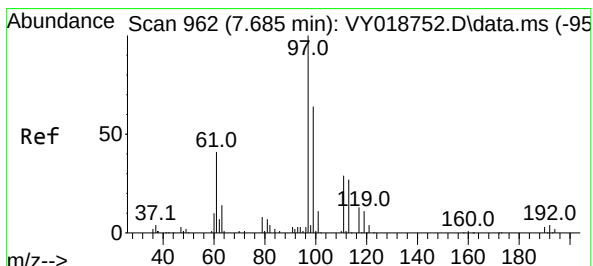
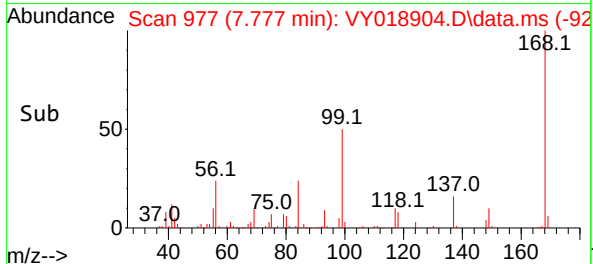
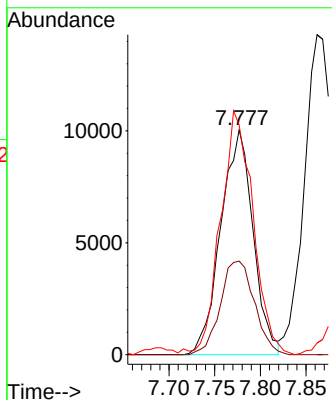


#31  
Cyclohexane  
Concen: 17.064 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Instrument :  
MSVOA\_Y  
ClientSampleId :

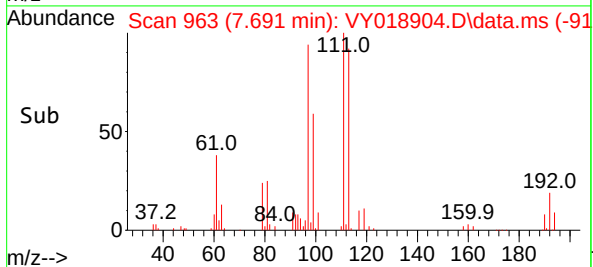
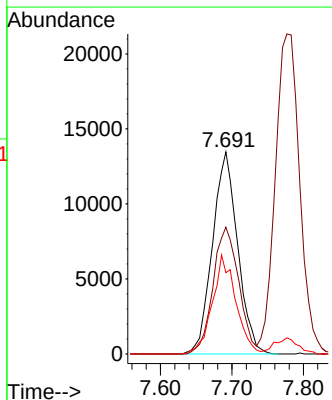
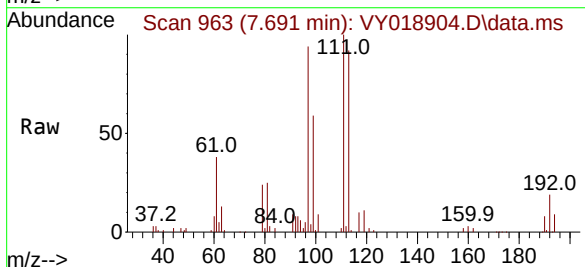


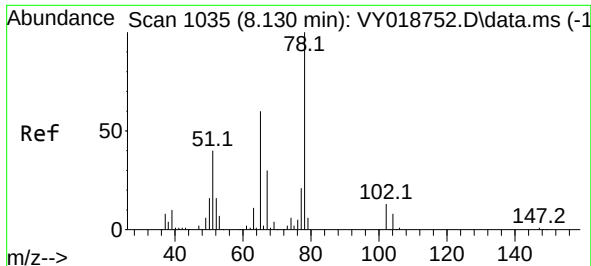
Tgt Ion: 56 Resp: 24704  
Ion Ratio Lower Upper  
56 100  
69 41.6 28.7 43.1  
84 101.4 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 19.929 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 97 Resp: 32880  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.3 75.5  
61 45.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.789 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

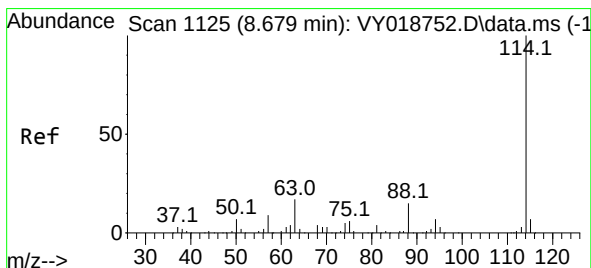
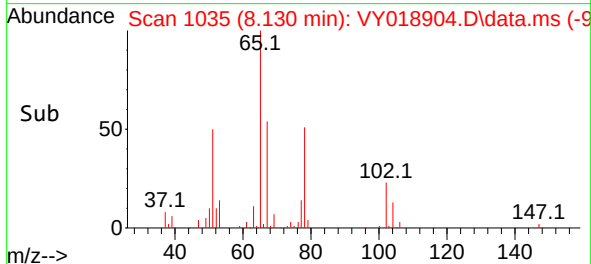
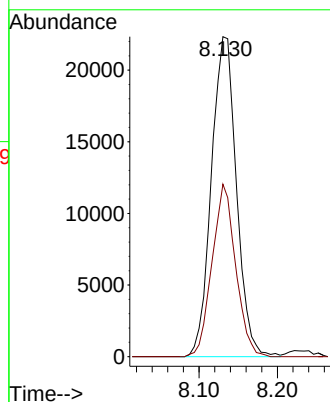
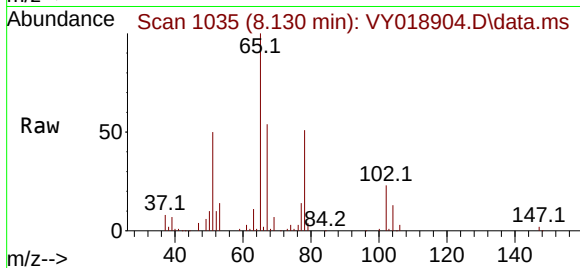
ClientSampleId :

Tgt Ion: 65 Resp: 49746

Ion Ratio Lower Upper

65 100

67 50.6 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: VY018904.D

Acq: 24 Jul 2024 12:20

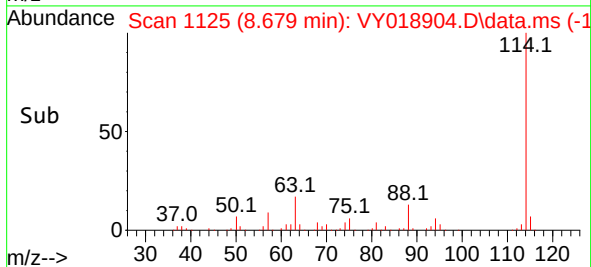
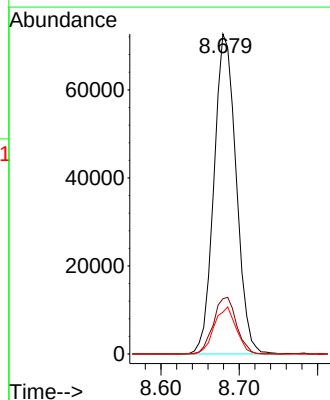
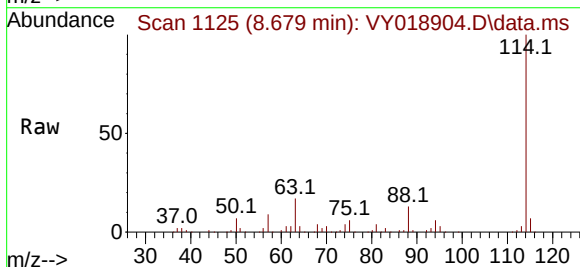
Tgt Ion: 114 Resp: 143096

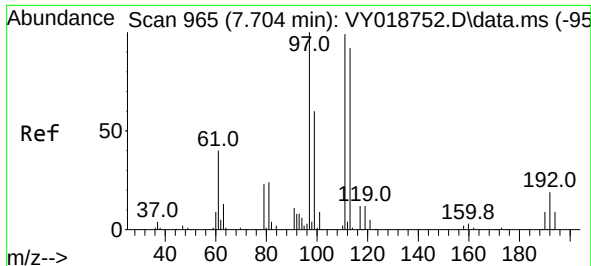
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.0 0.0 27.2

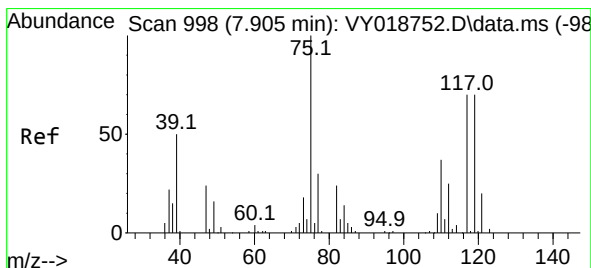
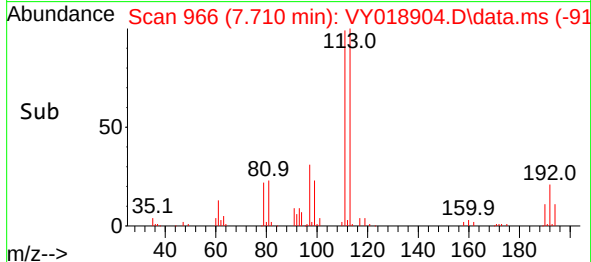
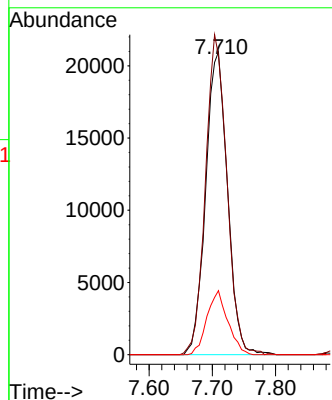
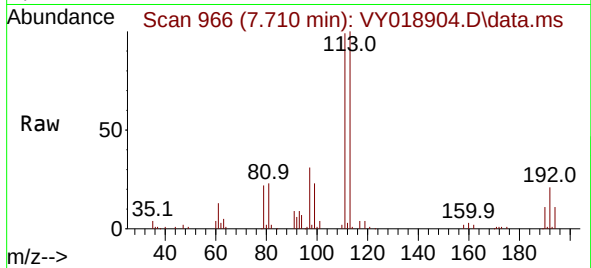




#35  
Dibromofluoromethane  
Concen: 56.166 ug/l  
RT: 7.710 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

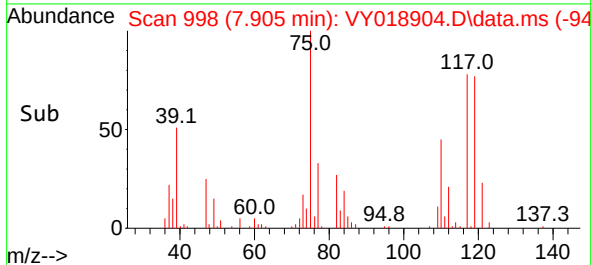
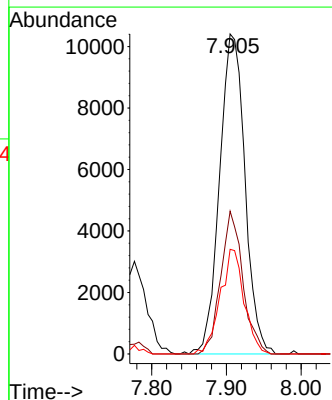
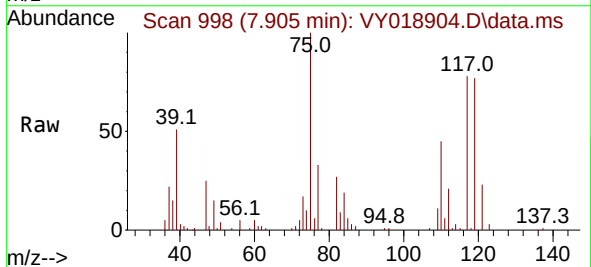
Instrument :  
MSVOA\_Y  
ClientSampleId :

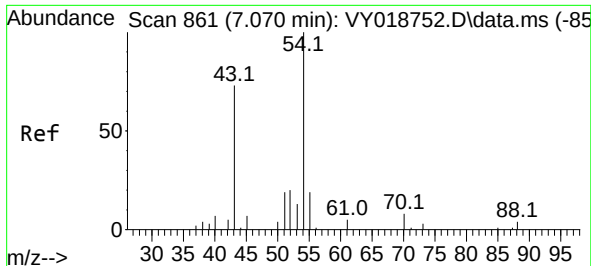
Tgt Ion:113 Resp: 50338  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.2 123.4  
192 20.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 19.926 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

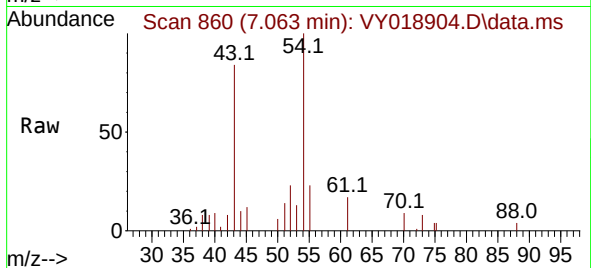
Tgt Ion: 75 Resp: 24645  
Ion Ratio Lower Upper  
75 100  
110 39.0 19.0 57.0  
77 30.7 25.3 37.9



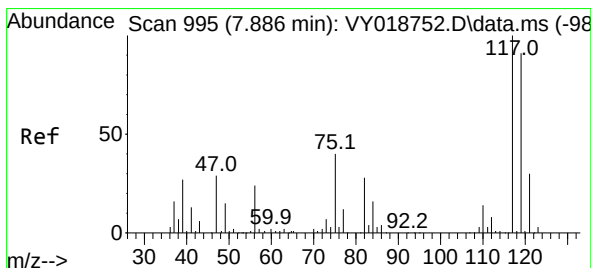
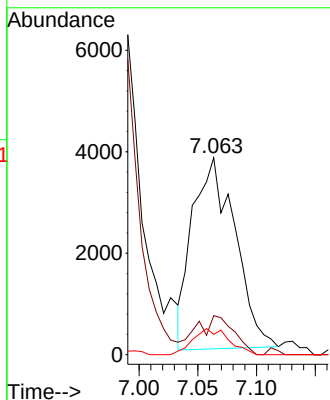
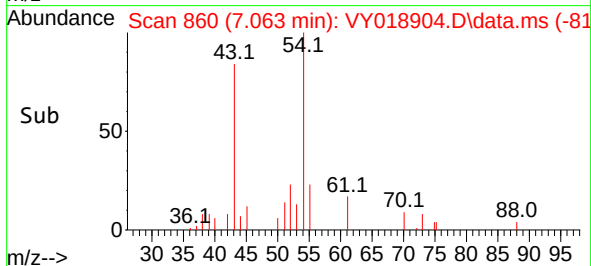


#37  
Ethyl Acetate  
Concen: 18.440 ug/l  
RT: 7.063 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Instrument :  
MSVOA\_Y  
ClientSampleId :

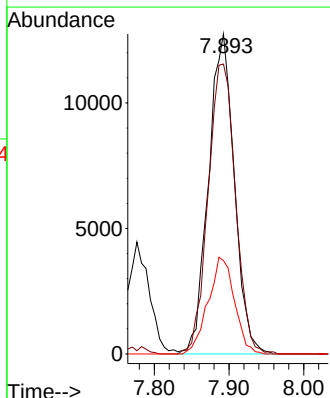
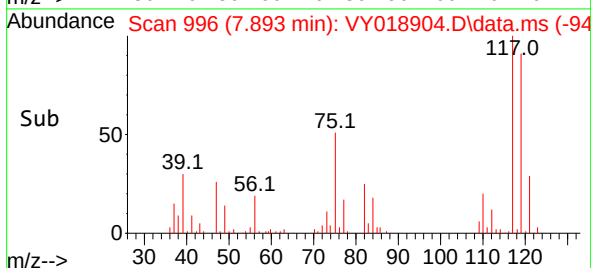
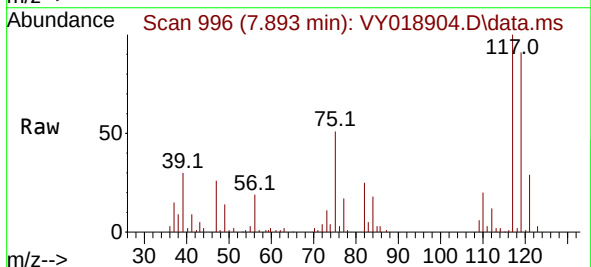


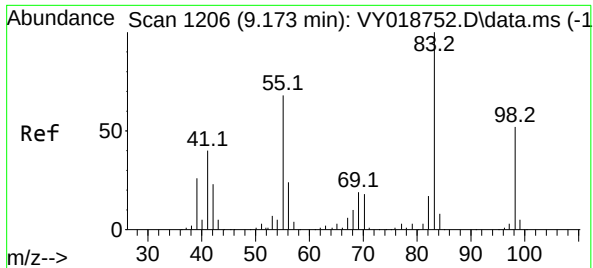
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 9480        |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 61          | 18.1  | 12.6 19.0   |
| 70          | 11.5  | 7.8 11.8    |



#38  
Carbon Tetrachloride  
Concen: 20.584 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 117 | Resp: | 30663       |
| Ion          | Ratio | Lower Upper |
| 117          | 100   |             |
| 119          | 90.6  | 75.8 113.6  |
| 121          | 29.2  | 24.0 36.0   |





#39

Methylcyclohexane

Concen: 19.377 ug/l

RT: 9.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

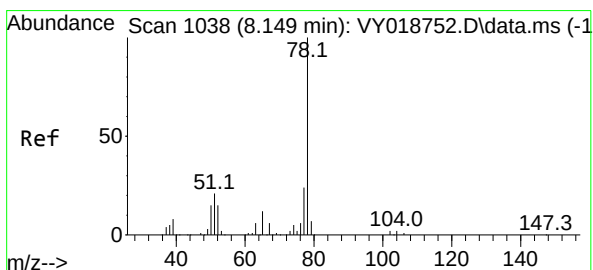
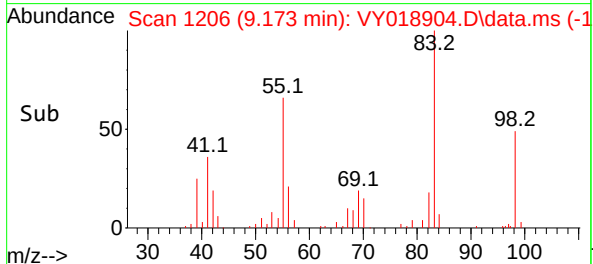
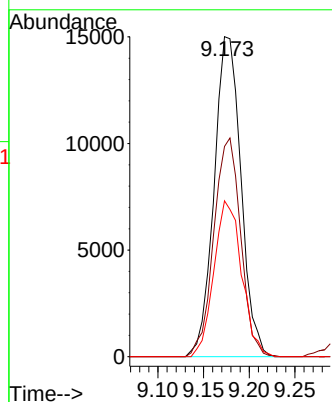
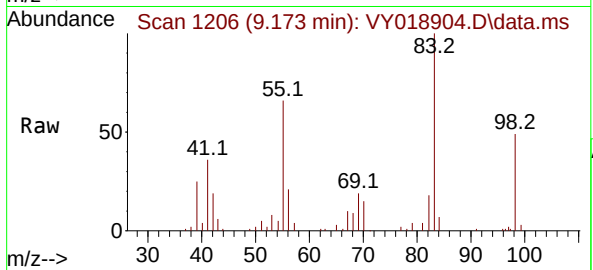
Tgt Ion: 83 Resp: 30713

Ion Ratio Lower Upper

83 100

55 65.7 51.5 77.3

98 48.7 40.5 60.7



#40

Benzene

Concen: 20.463 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY018904.D

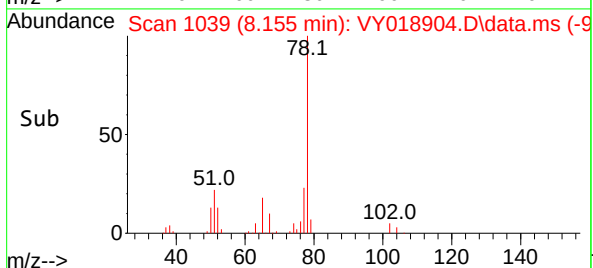
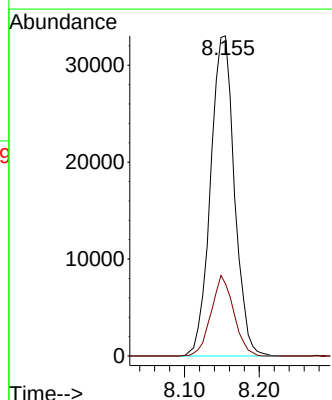
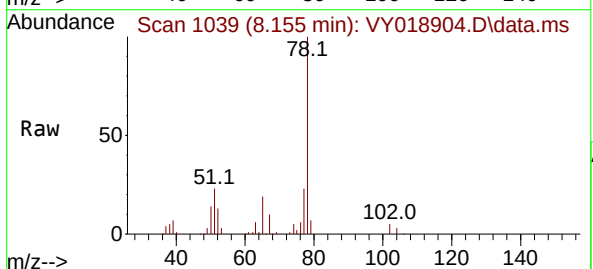
Acq: 24 Jul 2024 12:20

Tgt Ion: 78 Resp: 73420

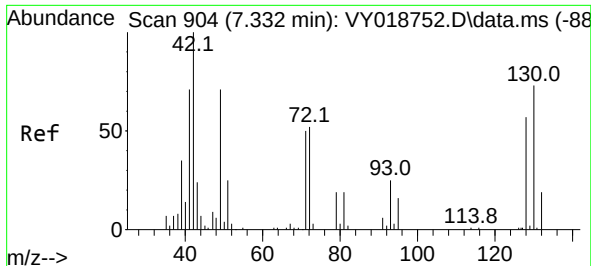
Ion Ratio Lower Upper

78 100

77 22.6 19.5 29.3

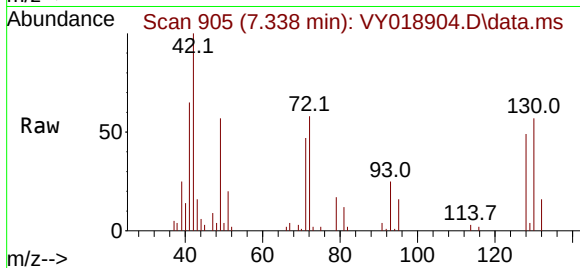




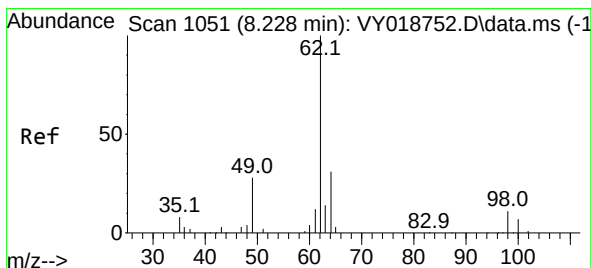
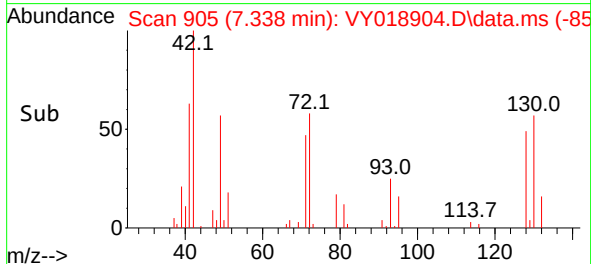
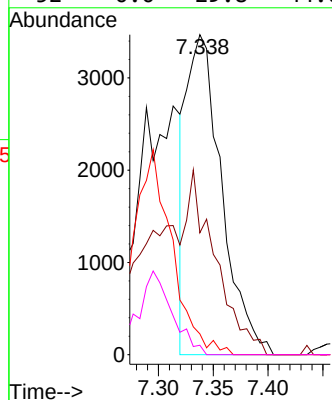


#41  
Methacrylonitrile  
Concen: 26.253 ug/l  
RT: 7.338 min Scan# 904  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Instrument :  
MSVOA\_Y  
ClientSampleId :

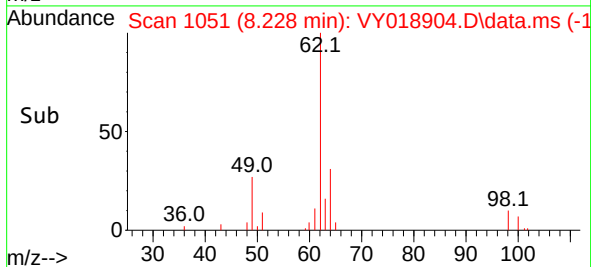
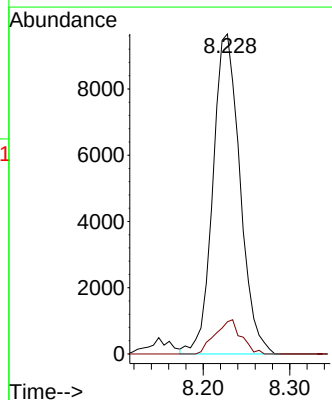
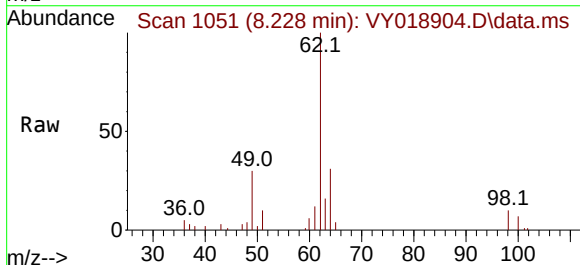


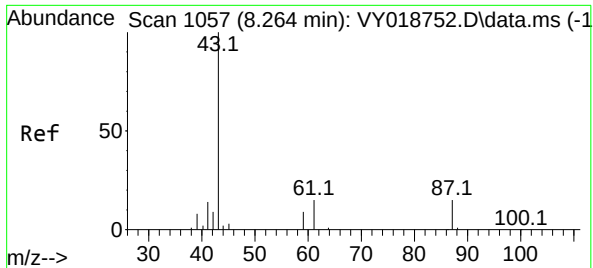
Tgt Ion: 41 Resp: 7695  
Ion Ratio Lower Upper  
41 100  
39 48.6 48.0 72.0  
67 0.0 75.1 112.7#  
52 0.0 29.8 44.6#



#42  
1,2-Dichloroethane  
Concen: 20.882 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 62 Resp: 20977  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 22.0

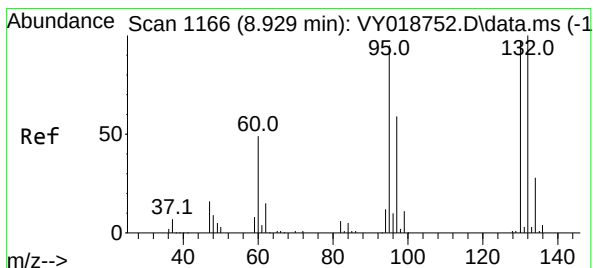
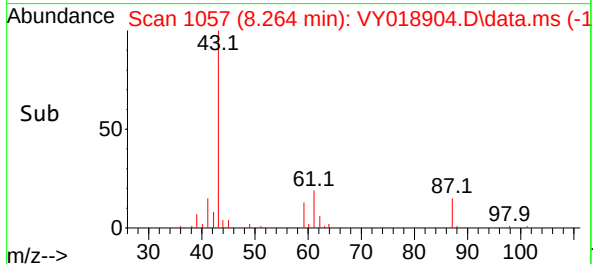
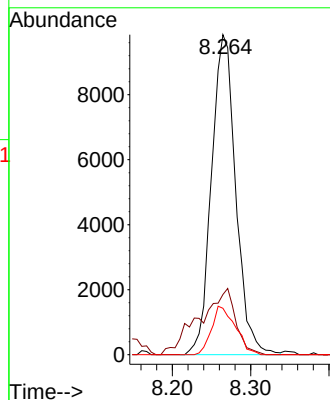
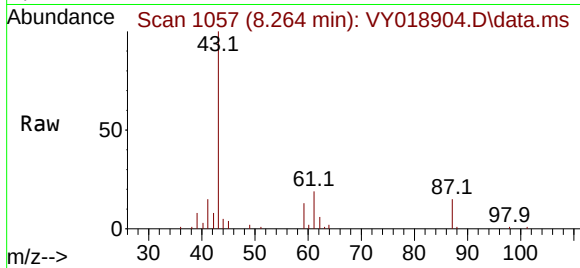




#43  
Isopropyl Acetate  
Concen: 20.717 ug/l  
RT: 8.264 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

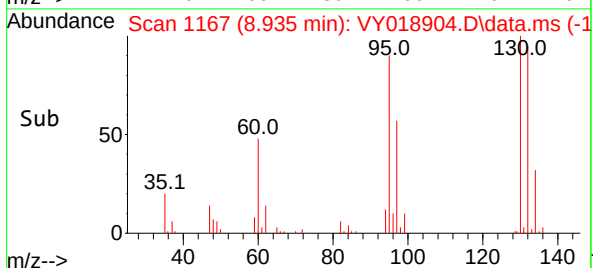
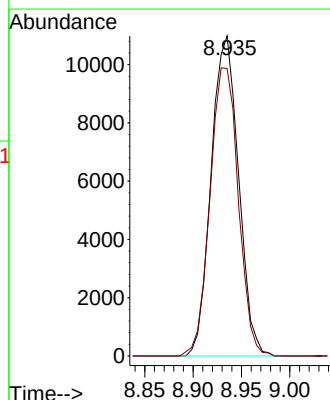
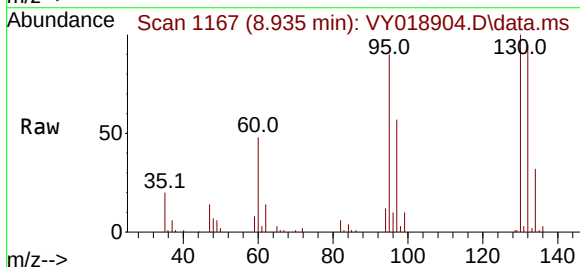
Instrument :  
MSVOA\_Y  
ClientSampleId :

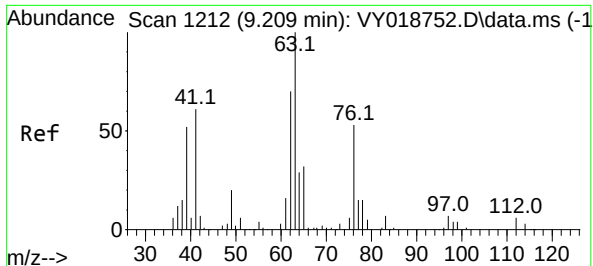
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 31.0  | 27.9  | 41.9  |
| 87      | 14.9  | 13.1  | 19.7  |



#44  
Trichloroethene  
Concen: 21.104 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 89.9  | 0.0   | 188.0 |





#45

1,2-Dichloropropane

Concen: 21.694 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

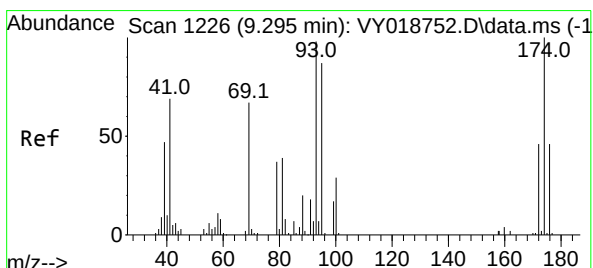
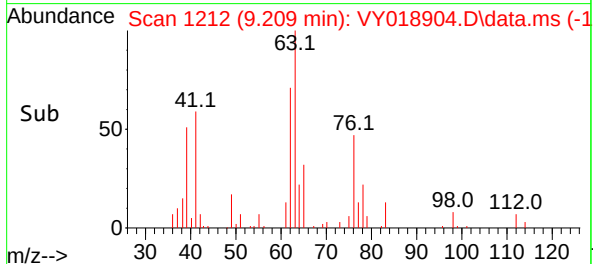
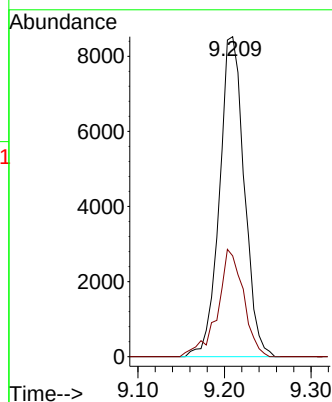
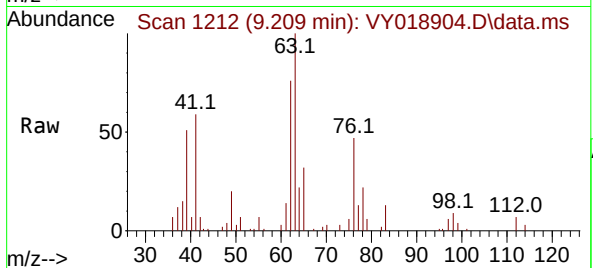
ClientSampleId :

Tgt Ion: 63 Resp: 16950

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 21.313 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

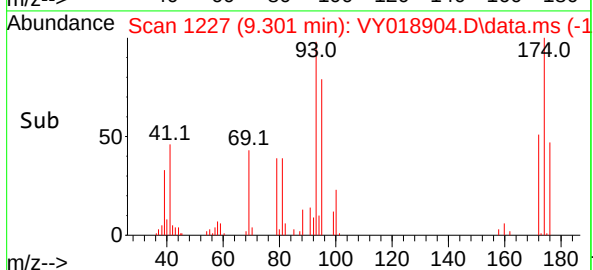
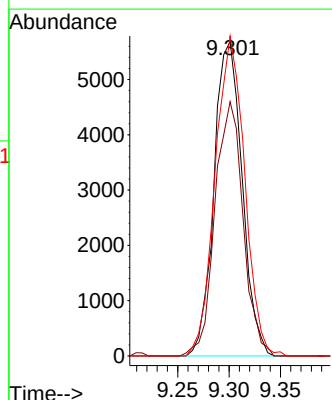
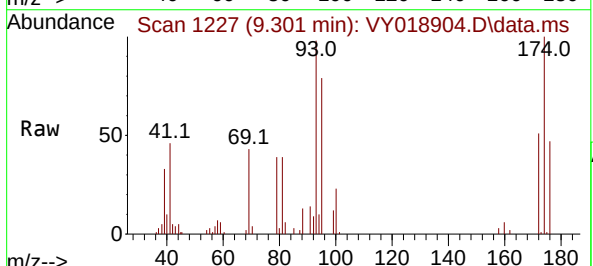
Tgt Ion: 93 Resp: 10794

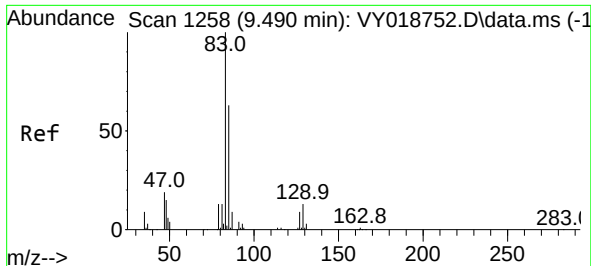
Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

174 106.9 80.9 121.3





#47

Bromodichloromethane

Concen: 21.508 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

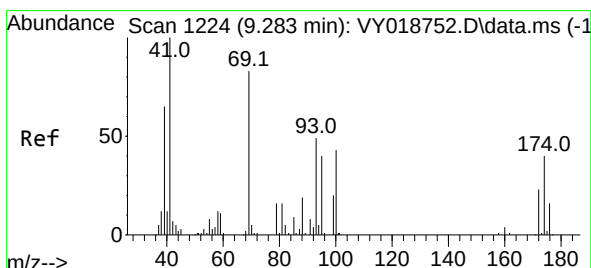
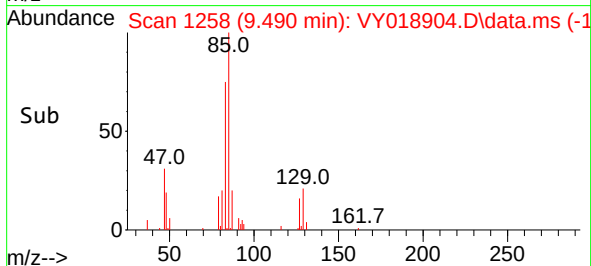
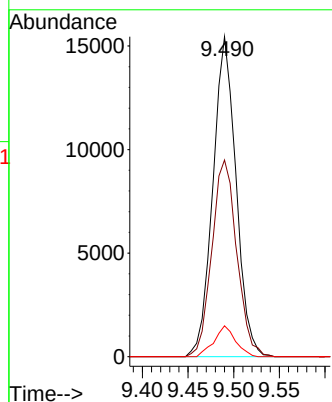
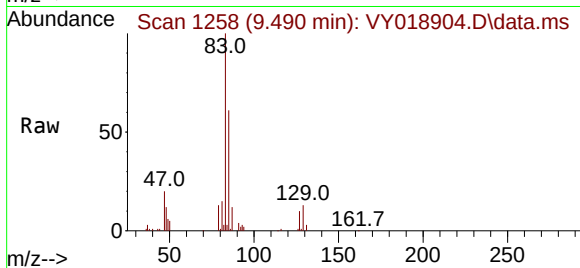
Tgt Ion: 83 Resp: 27211

Ion Ratio Lower Upper

83 100

85 61.5 50.1 75.1

127 9.6 7.4 11.0



#48

Methyl methacrylate

Concen: 19.726 ug/l

RT: 9.283 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

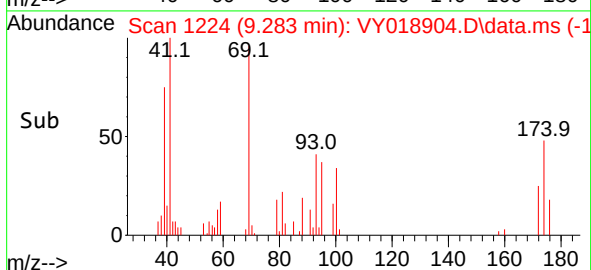
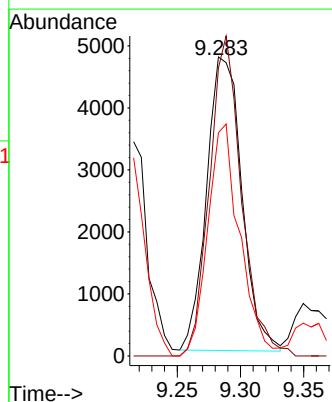
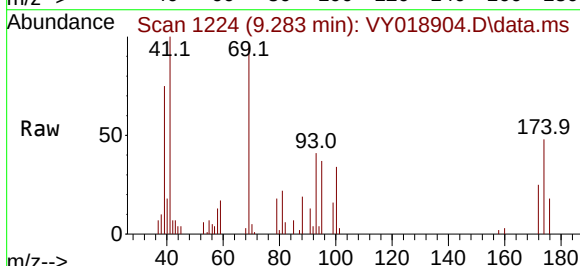
Tgt Ion: 41 Resp: 9172

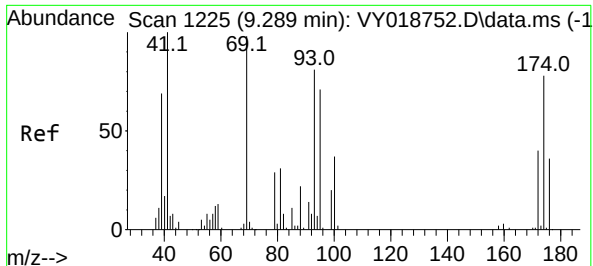
Ion Ratio Lower Upper

41 100

69 99.2 84.1 126.1

39 71.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 470.470 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

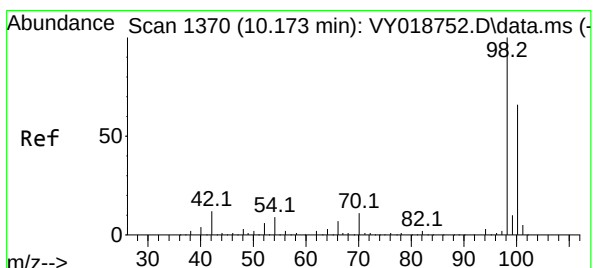
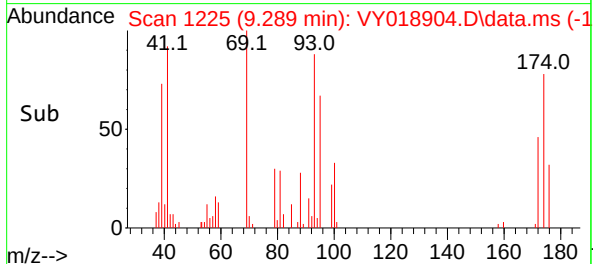
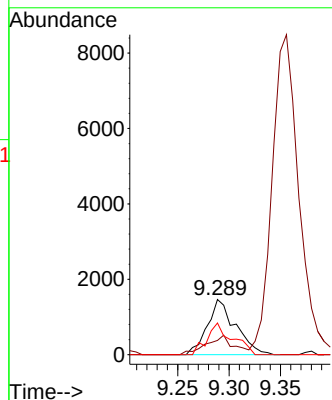
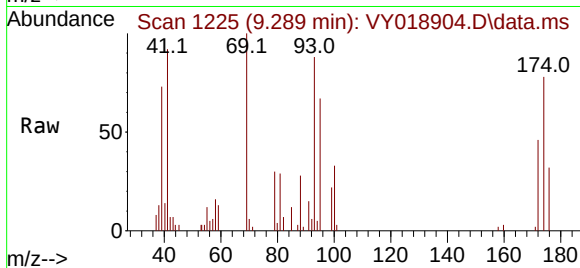
Tgt Ion: 88 Resp: 2793

Ion Ratio Lower Upper

88 100

43 33.8 0.0 0.0#

58 51.3 49.3 73.9



#50

Toluene-d8

Concen: 53.324 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018904.D

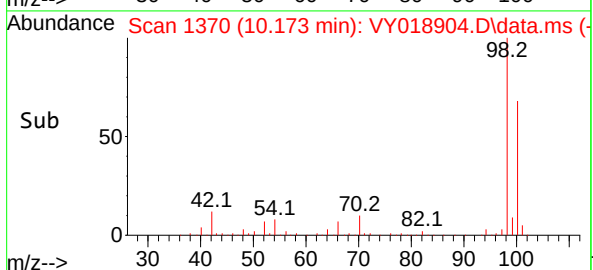
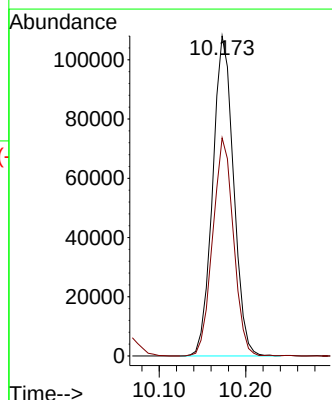
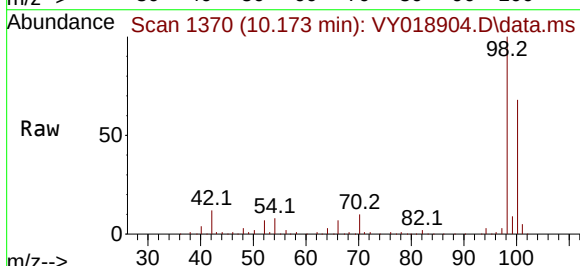
Acq: 24 Jul 2024 12:20

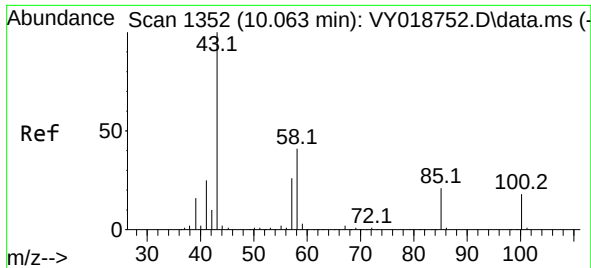
Tgt Ion: 98 Resp: 181060

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0

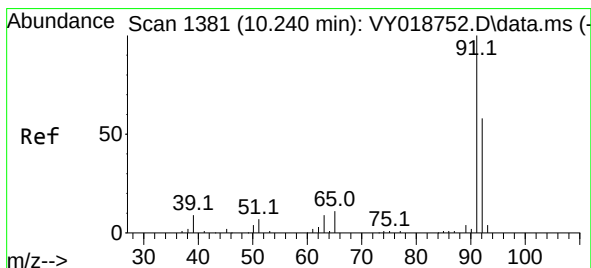
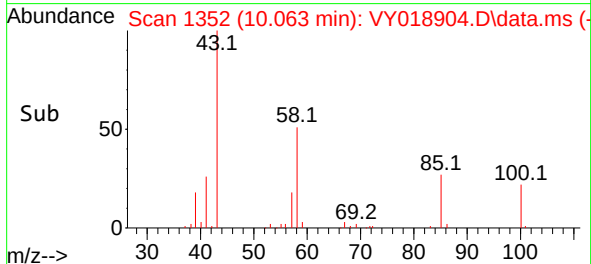
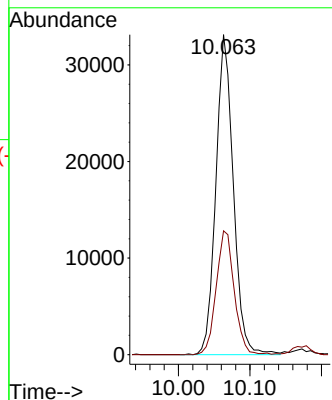
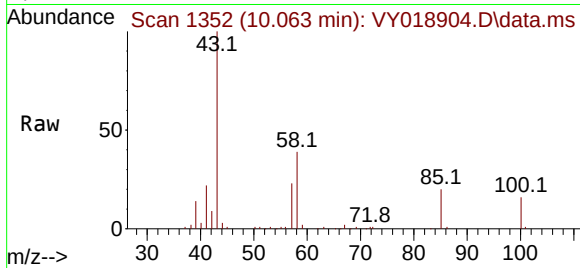




#51  
4-Methyl-2-Pentanone  
Concen: 107.481 ug/l  
RT: 10.063 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

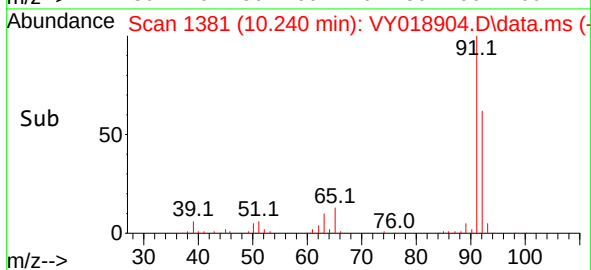
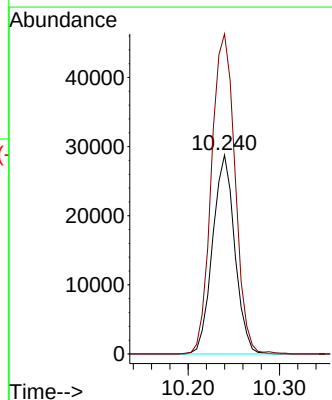
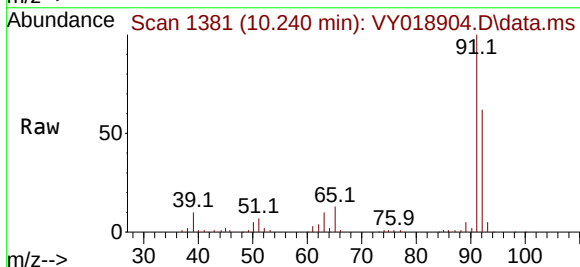
Instrument :  
MSVOA\_Y  
ClientSampleId :

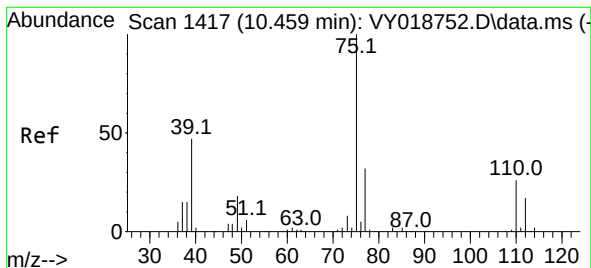
Tgt Ion: 43 Resp: 56136  
Ion Ratio Lower Upper  
43 100  
58 40.1 35.7 53.5



#52  
Toluene  
Concen: 20.326 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 92 Resp: 48472  
Ion Ratio Lower Upper  
92 100  
91 171.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.555 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

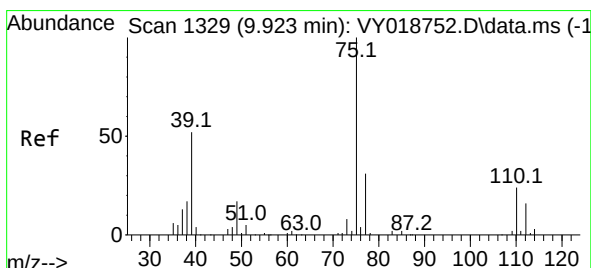
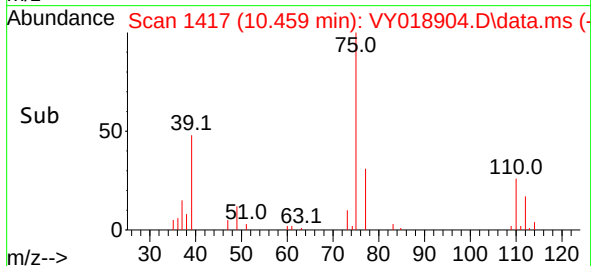
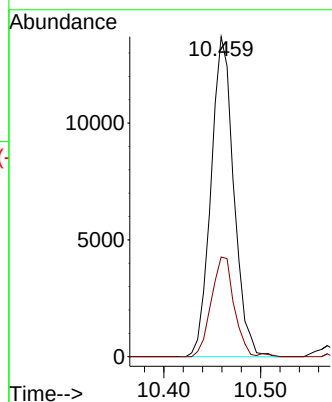
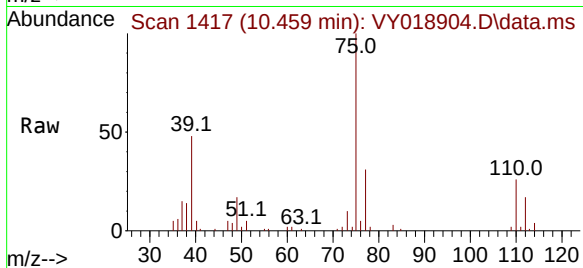
ClientSampleId :

Tgt Ion: 75 Resp: 22454

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 20.917 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

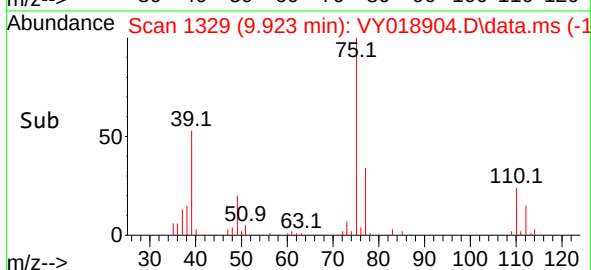
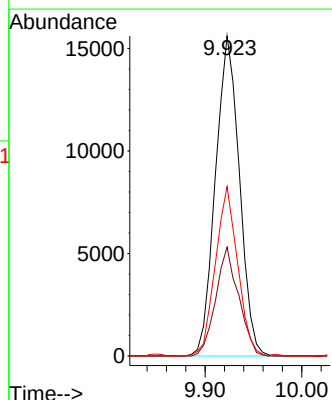
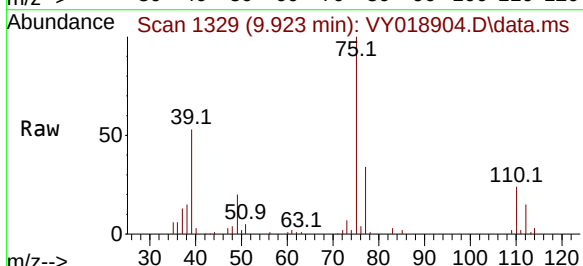
Tgt Ion: 75 Resp: 26805

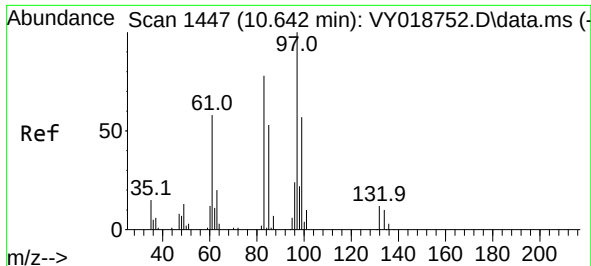
Ion Ratio Lower Upper

75 100

77 34.0 25.4 38.0

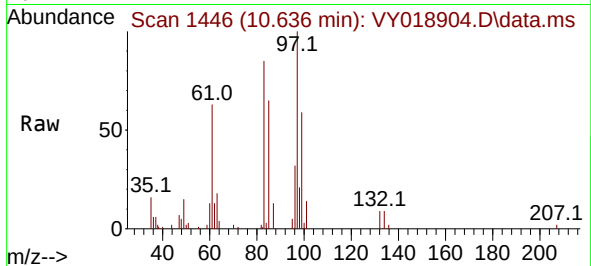
39 52.9 29.8 44.6#



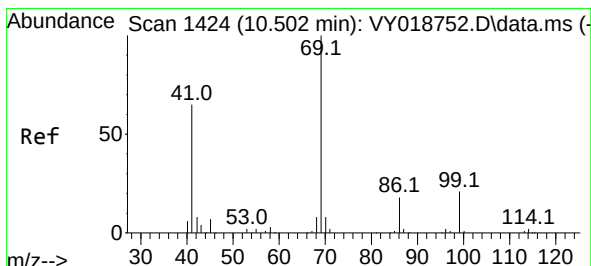
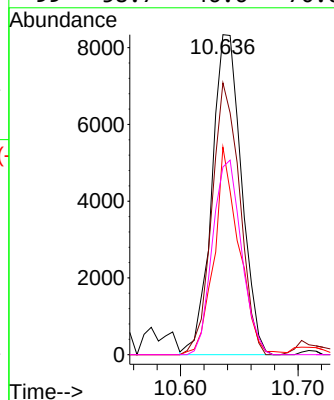
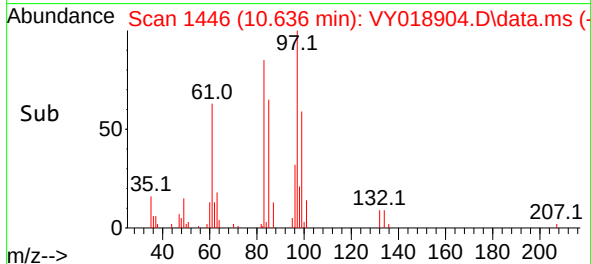


#55  
1,1,2-Trichloroethane  
Concen: 22.783 ug/l  
RT: 10.636 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Instrument :  
MSVOA\_Y  
ClientSampleId :

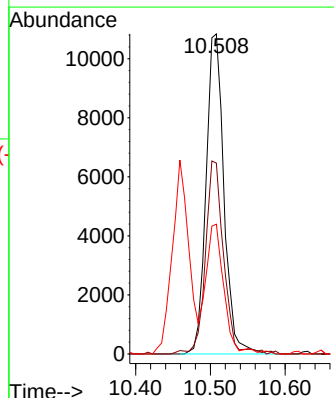
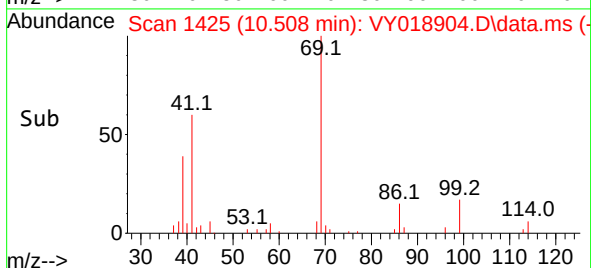
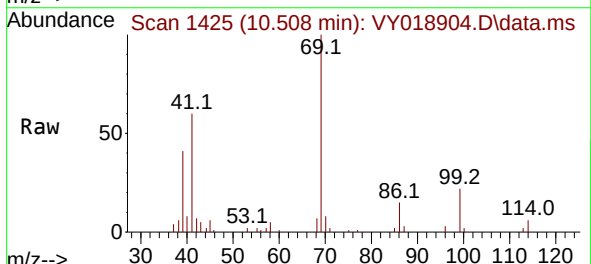


|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 14611 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 85.0     | 67.5 101.3  |
| 85 64.8     | 42.9 64.3#  |
| 99 58.7     | 46.6 70.0   |

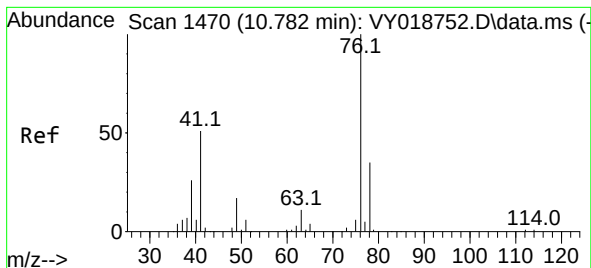


#56  
Ethyl methacrylate  
Concen: 21.324 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion: 69 | Resp: 18004 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 69 100      |             |       |  |
| 41 61.2     | 42.3        | 63.5  |  |
| 39 37.8     | 22.9        | 34.3# |  |







#57

1,3-Dichloropropane

Concen: 21.605 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

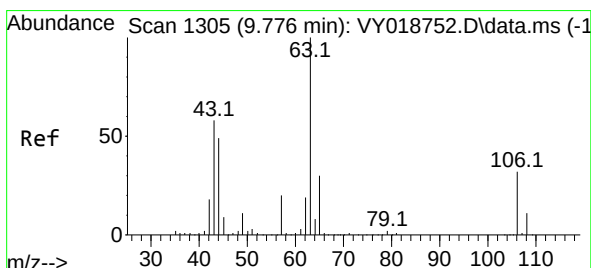
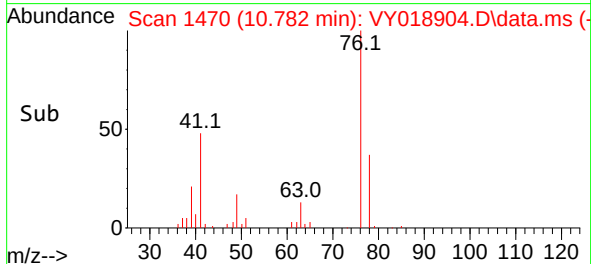
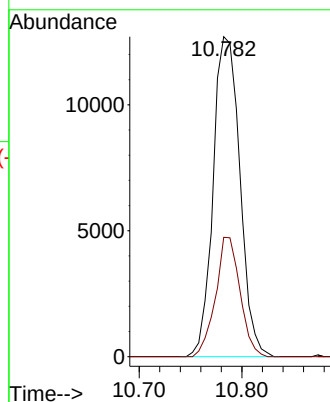
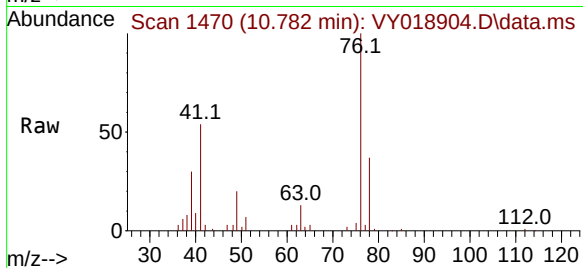
ClientSampleId :

Tgt Ion: 76 Resp: 22969

Ion Ratio Lower Upper

76 100

78 34.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.692 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018904.D

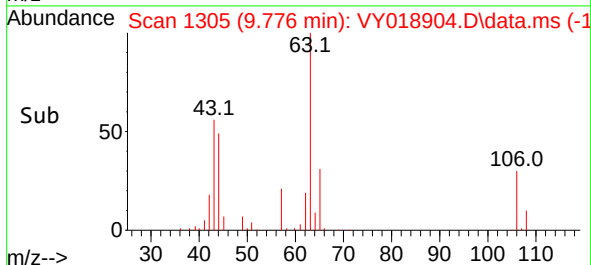
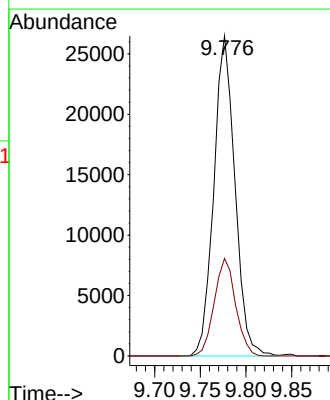
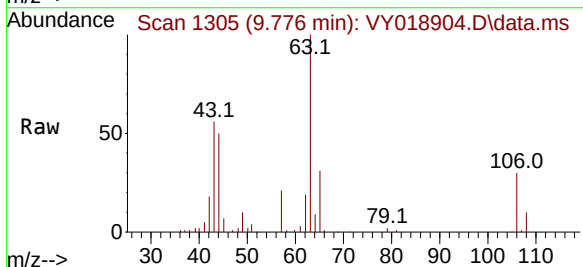
Acq: 24 Jul 2024 12:20

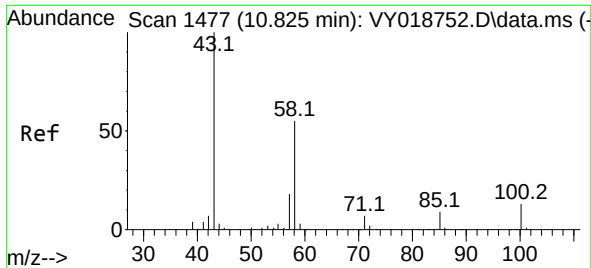
Tgt Ion: 63 Resp: 42634

Ion Ratio Lower Upper

63 100

106 30.8 23.7 35.5

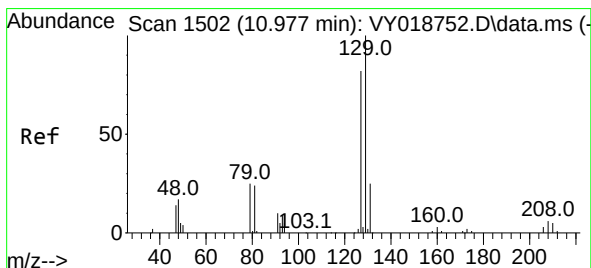
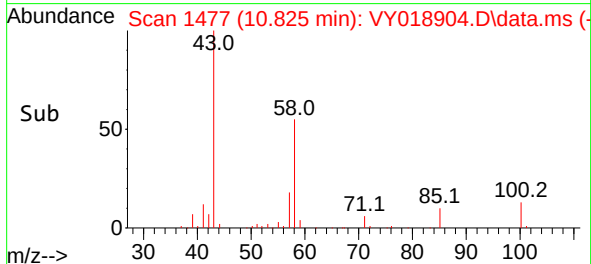
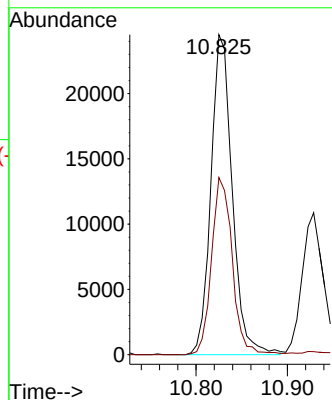
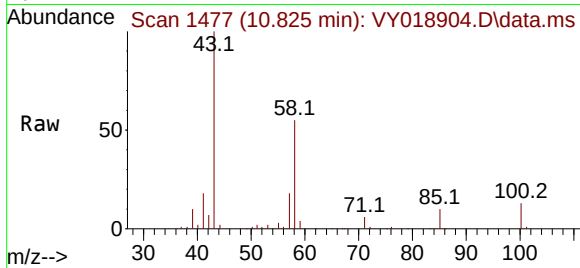




#59  
2-Hexanone  
Concen: 108.464 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

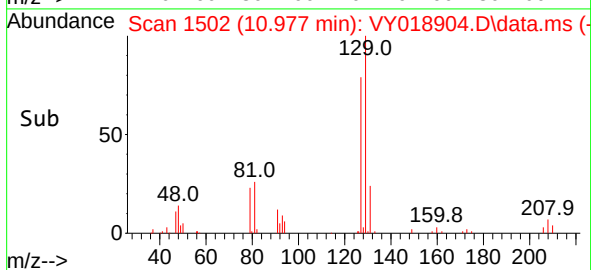
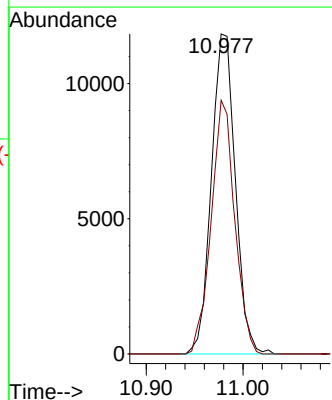
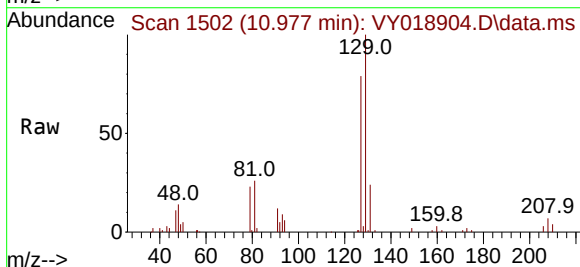
Instrument :  
MSVOA\_Y  
ClientSampleId :

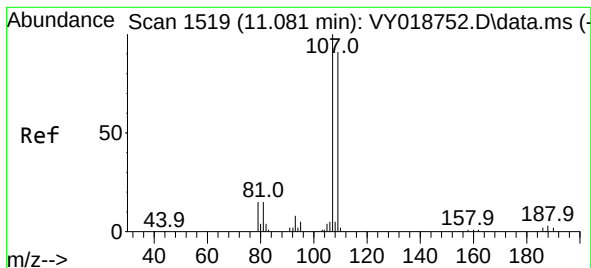
Tgt Ion: 43 Resp: 39632  
Ion Ratio Lower Upper  
43 100  
58 53.9 31.4 94.0



#60  
Dibromochloromethane  
Concen: 23.040 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion:129 Resp: 20302  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.0 117.0

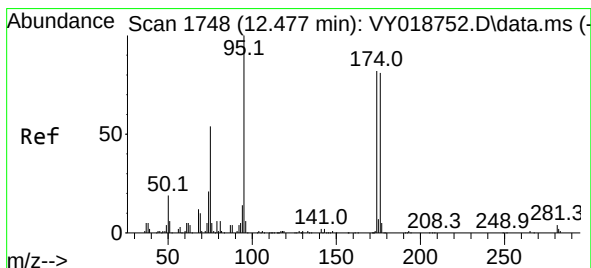
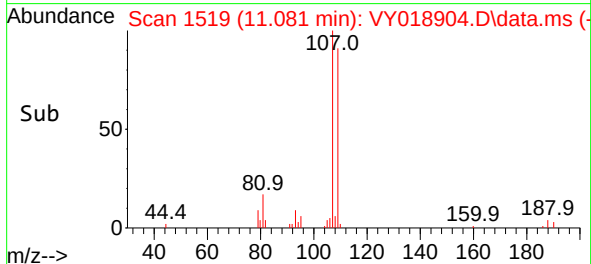
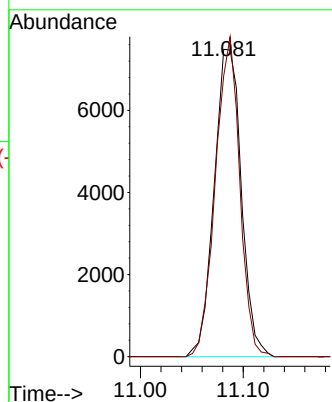
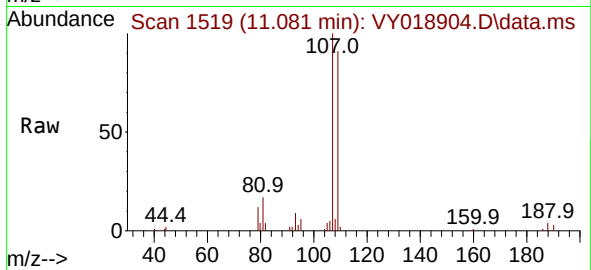




#61  
1,2-Dibromoethane  
Concen: 22.049 ug/l  
RT: 11.081 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

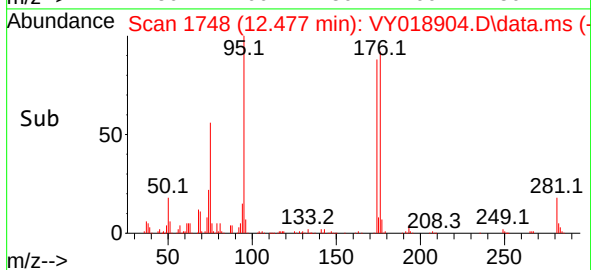
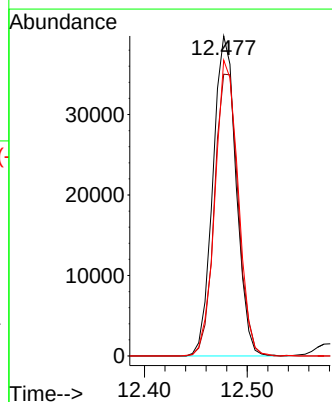
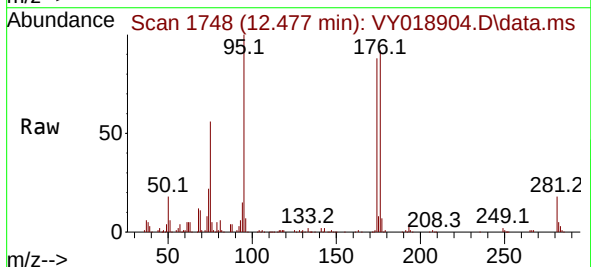
Instrument :  
MSVOA\_Y  
ClientSampleId :

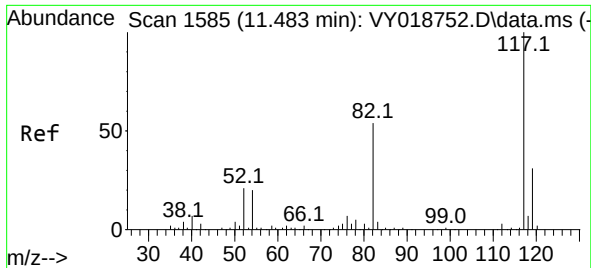
Tgt Ion:107 Resp: 13747  
Ion Ratio Lower Upper  
107 100  
109 93.0 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 53.923 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 95 Resp: 62528  
Ion Ratio Lower Upper  
95 100  
174 89.6 0.0 175.6  
176 91.7 0.0 171.4

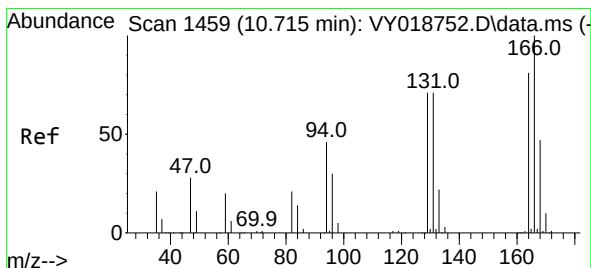
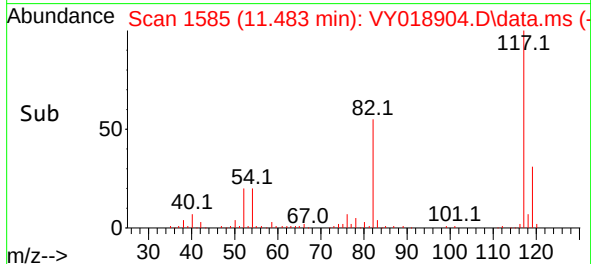
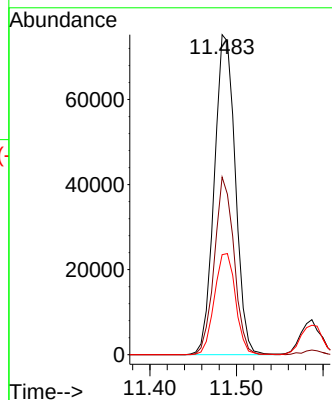
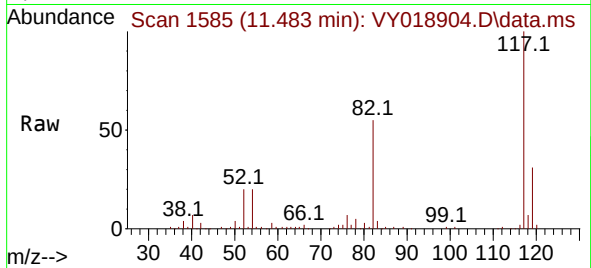




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

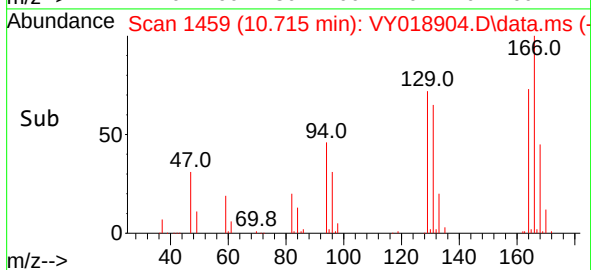
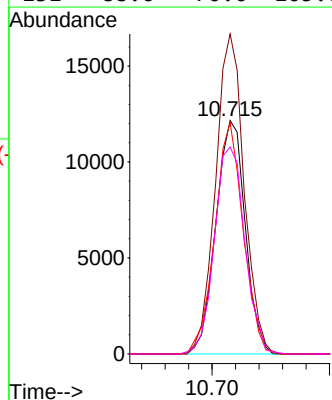
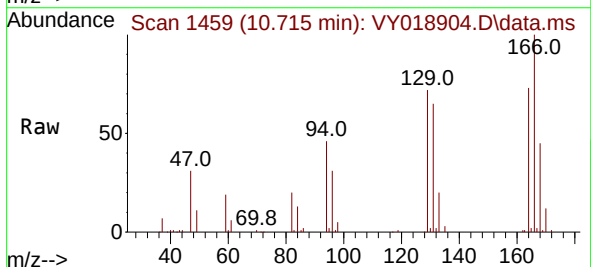
Instrument :  
MSVOA\_Y  
ClientSampleId :

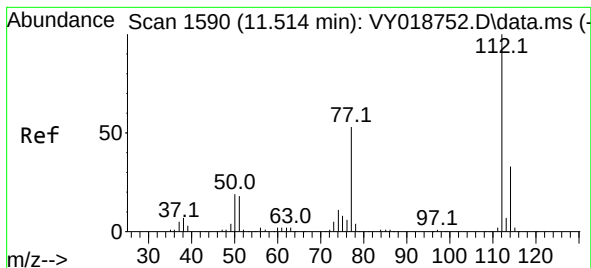
Tgt Ion:117 Resp: 126696  
Ion Ratio Lower Upper  
117 100  
82 55.5 42.4 63.6  
119 31.2 25.9 38.9



#64  
Tetrachloroethene  
Concen: 20.543 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion:164 Resp: 21067  
Ion Ratio Lower Upper  
164 100  
166 137.1 102.6 154.0  
129 99.2 72.0 108.0  
131 88.6 70.0 105.0





#65

Chlorobenzene

Concen: 21.043 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

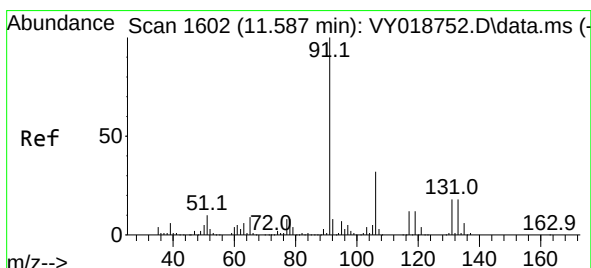
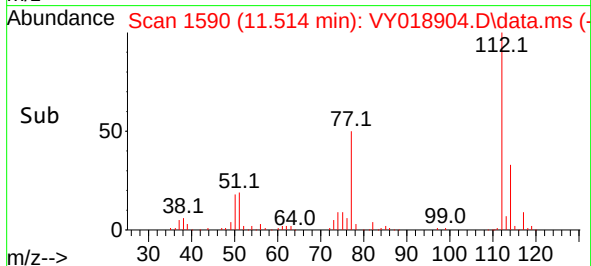
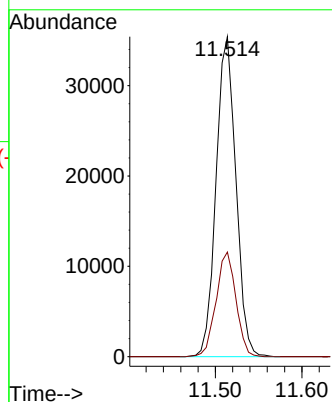
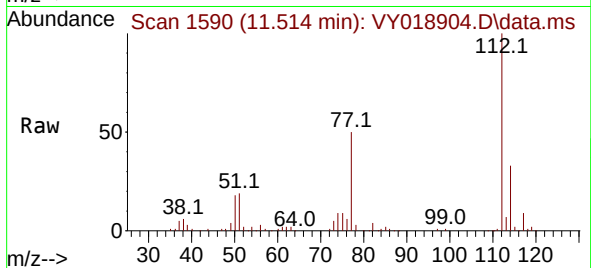
ClientSampleId :

Tgt Ion:112 Resp: 56241

Ion Ratio Lower Upper

112 100

114 32.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.971 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

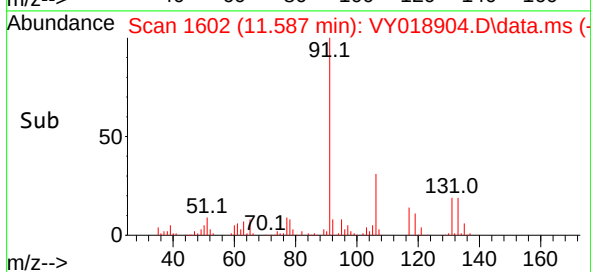
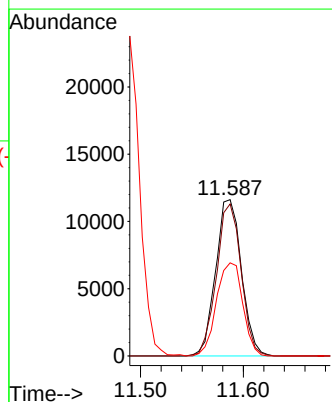
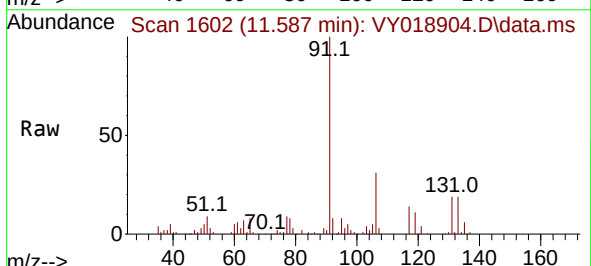
Tgt Ion:131 Resp: 20232

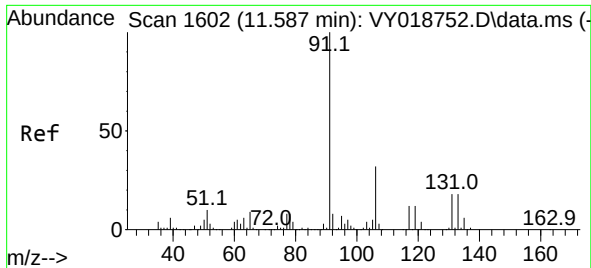
Ion Ratio Lower Upper

131 100

133 92.9 47.8 143.3

119 60.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.167 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

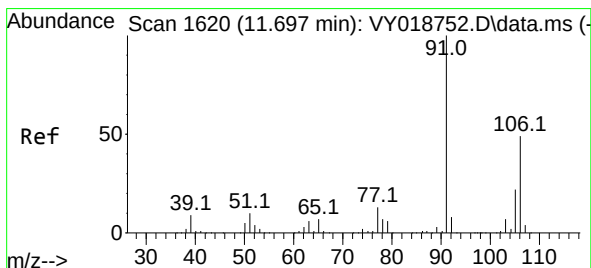
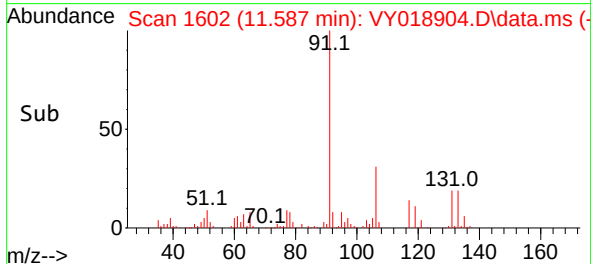
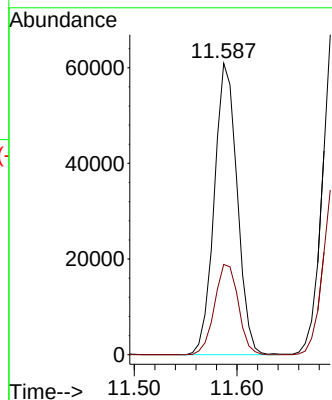
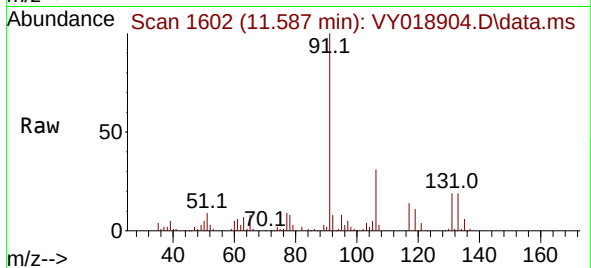
ClientSampleId :

Tgt Ion: 91 Resp: 94423

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 40.449 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018904.D

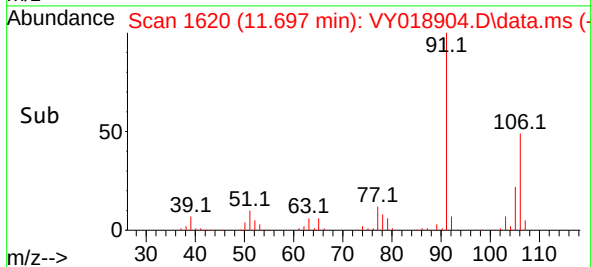
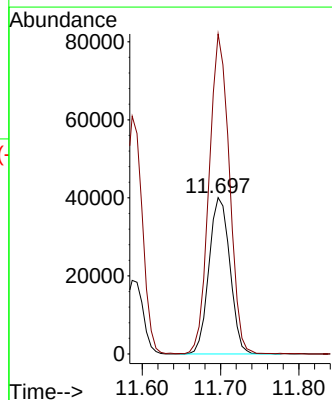
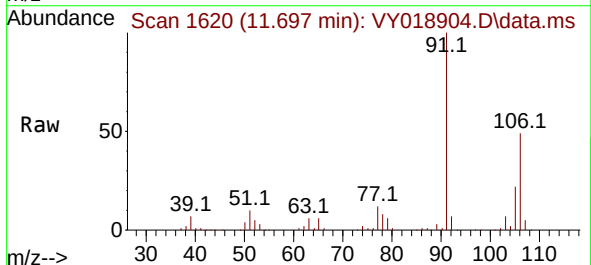
Acq: 24 Jul 2024 12:20

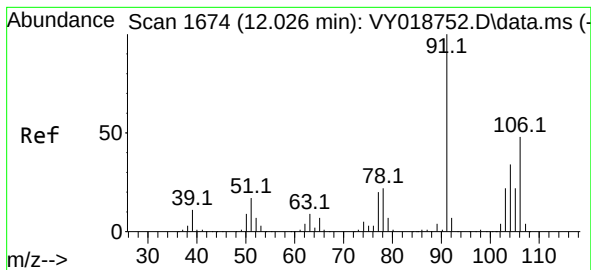
Tgt Ion:106 Resp: 74317

Ion Ratio Lower Upper

106 100

91 197.7 156.0 234.0

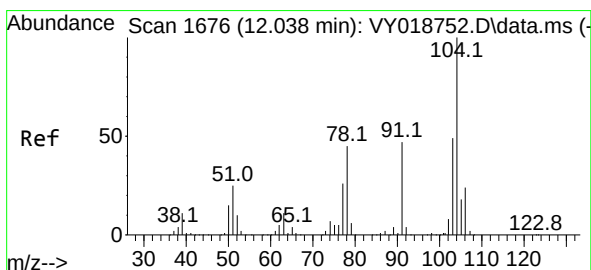
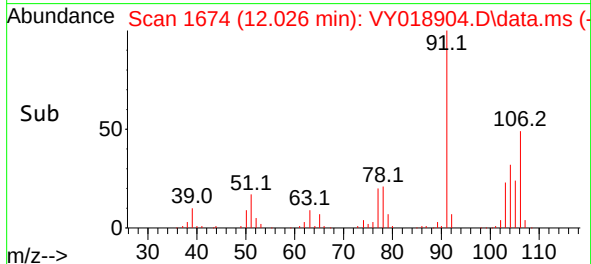
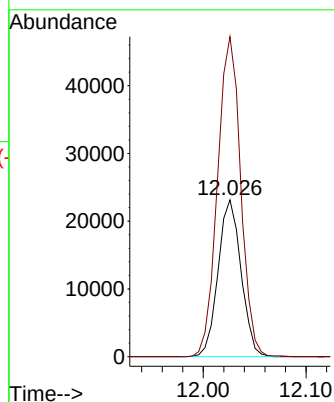
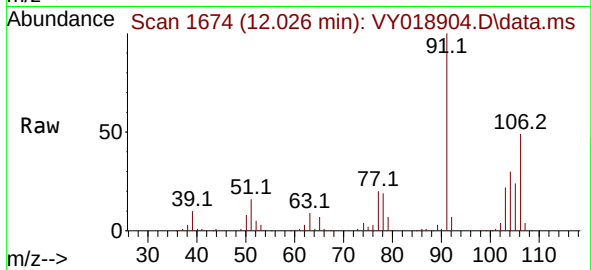




#69  
o-Xylene  
Concen: 20.736 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

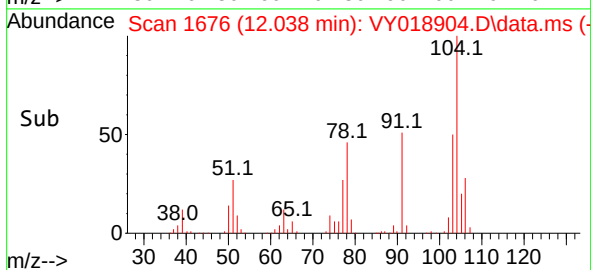
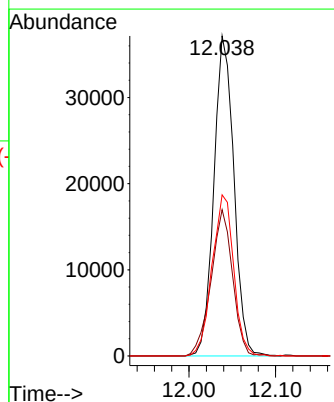
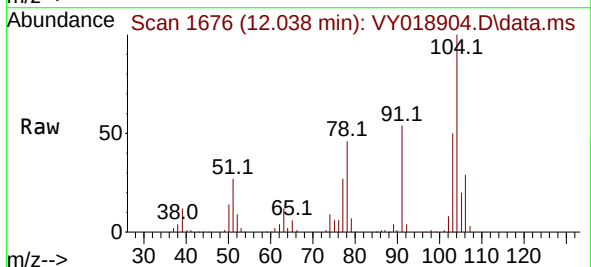
Instrument :  
MSVOA\_Y  
ClientSampleId :

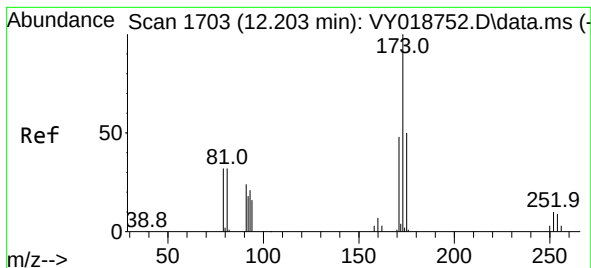
Tgt Ion:106 Resp: 35818  
Ion Ratio Lower Upper  
106 100  
91 206.4 103.6 310.8



#70  
Styrene  
Concen: 20.711 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion:104 Resp: 59693  
Ion Ratio Lower Upper  
104 100  
78 49.0 37.0 55.4  
103 54.2 44.2 66.2





#71

Bromoform

Concen: 22.728 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

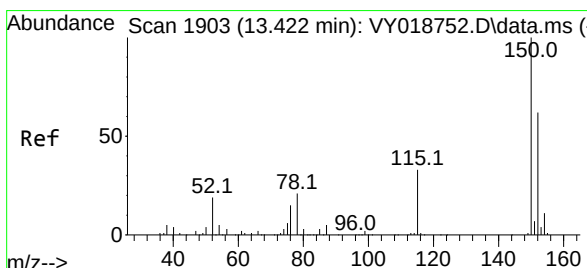
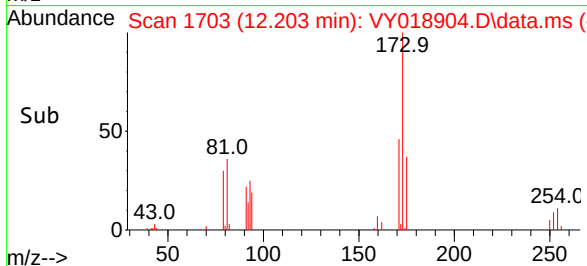
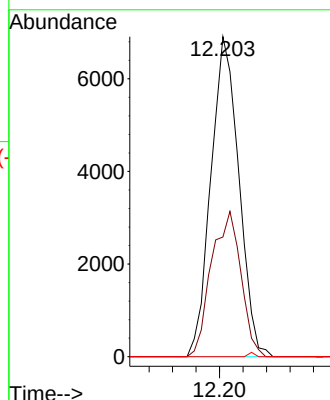
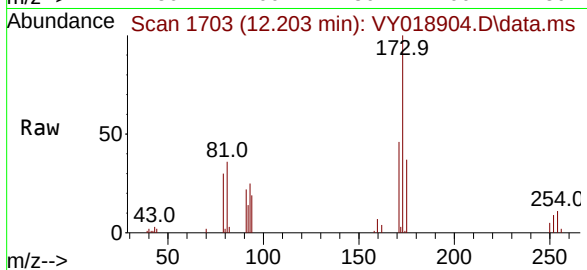
Tgt Ion:173 Resp: 11408

Ion Ratio Lower Upper

173 100

175 47.9 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: VY018904.D

Acq: 24 Jul 2024 12:20

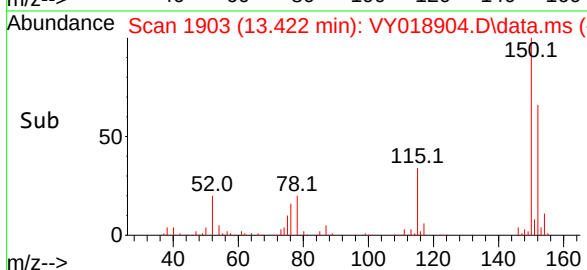
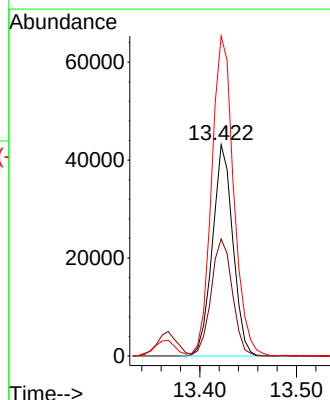
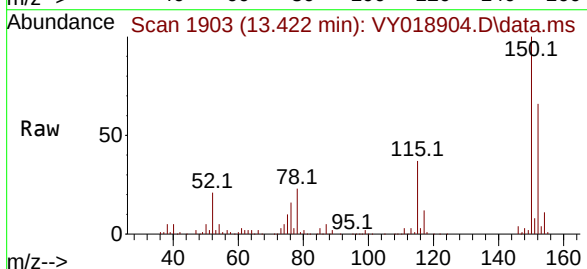
Tgt Ion:152 Resp: 63268

Ion Ratio Lower Upper

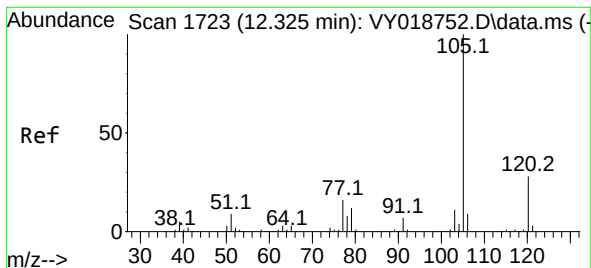
152 100

115 57.3 28.2 84.7

150 162.9 0.0 345.6







#73

Isopropylbenzene

Concen: 20.527 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

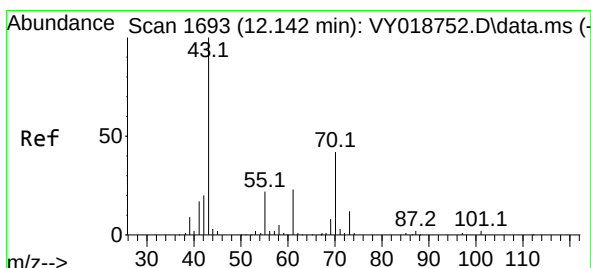
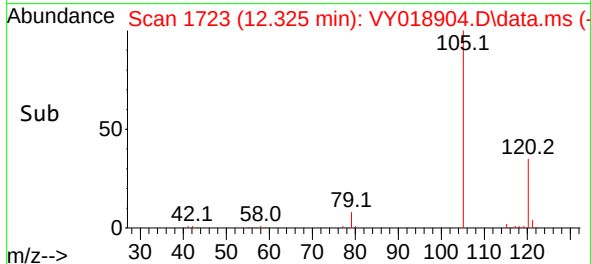
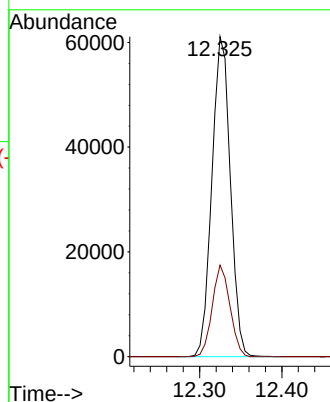
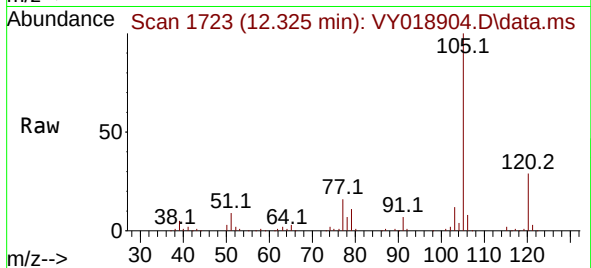
ClientSampleId :

Tgt Ion:105 Resp: 95046

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 19.571 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Tgt Ion: 43 Resp: 18533

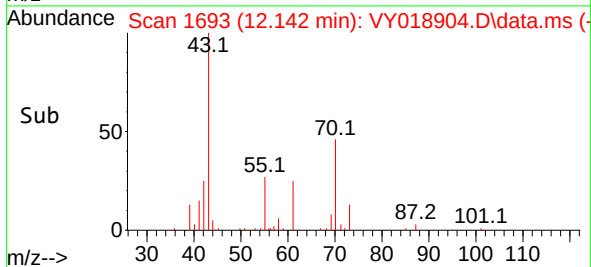
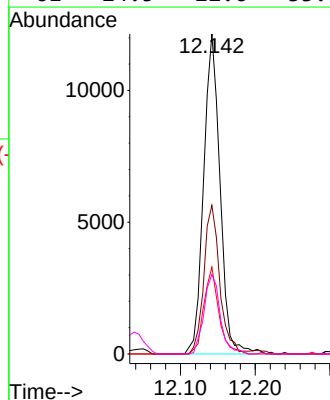
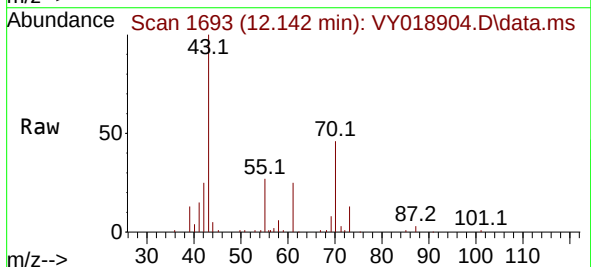
Ion Ratio Lower Upper

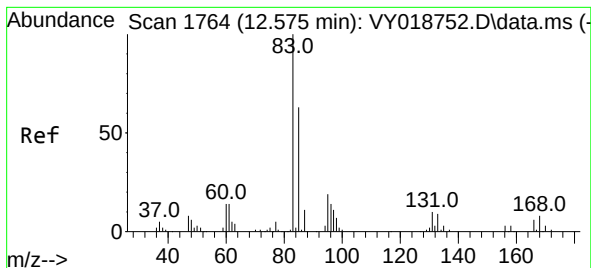
43 100

70 45.1 41.4 62.2

55 24.7 23.3 34.9

61 24.5 22.6 33.8

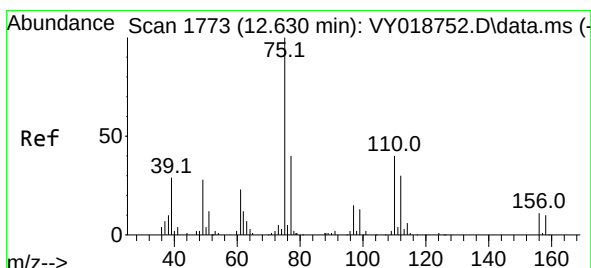
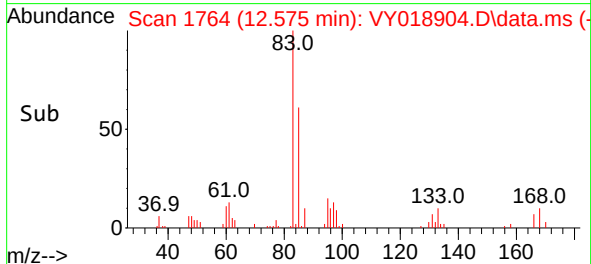
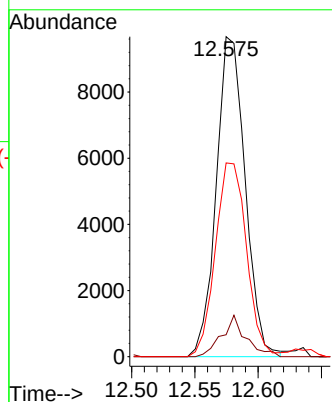
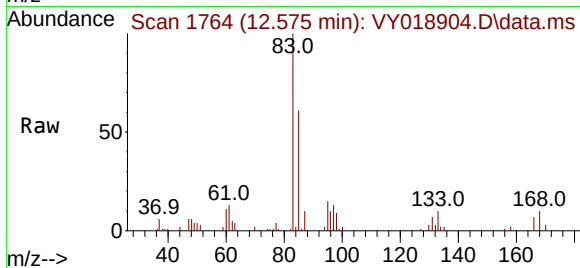




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.051 ug/l  
RT: 12.575 min Scan# 1764  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

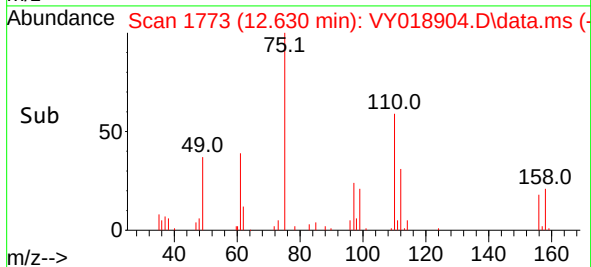
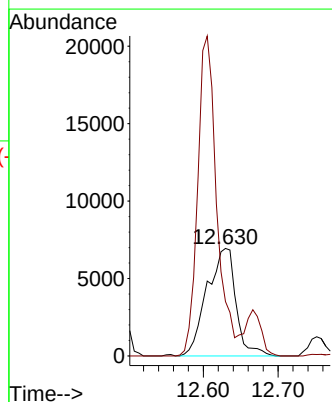
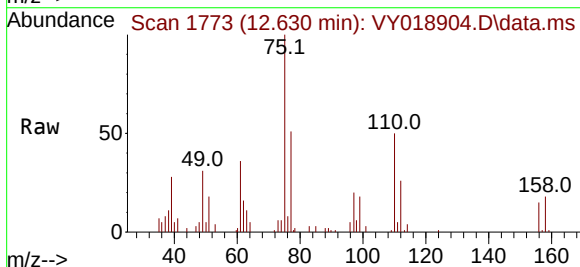
Instrument :  
MSVOA\_Y  
ClientSampleId :

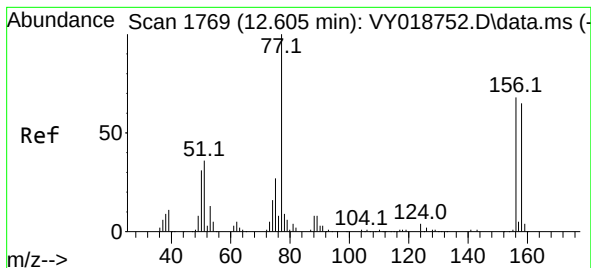
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 15366 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.8  | 5.0   | 14.9  |
| 85        | 65.3  | 32.0  | 96.0  |



#76  
1,2,3-Trichloropropane  
Concen: 37.828 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 18745 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.219 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

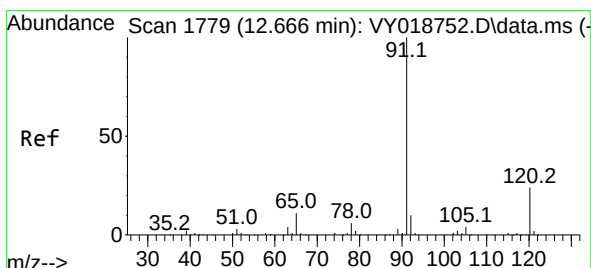
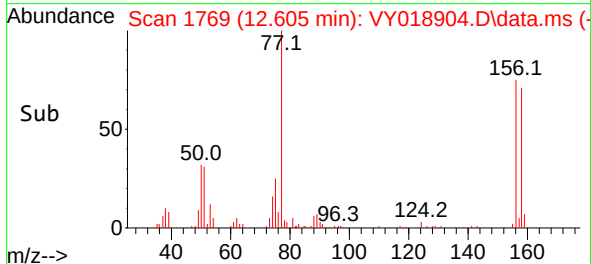
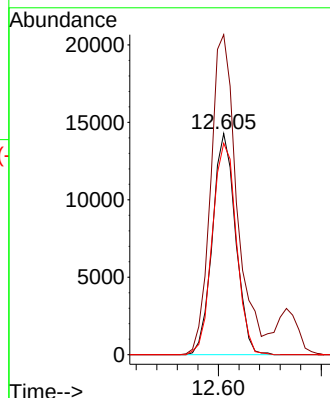
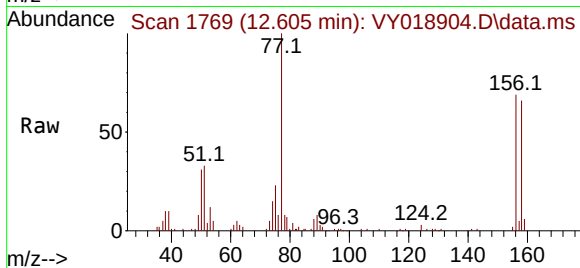
Tgt Ion:156 Resp: 22350

Ion Ratio Lower Upper

156 100

77 164.8 87.1 261.3

158 99.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.359 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018904.D

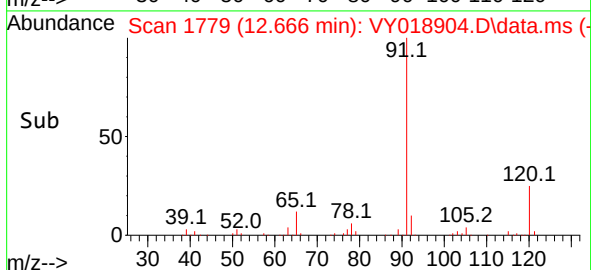
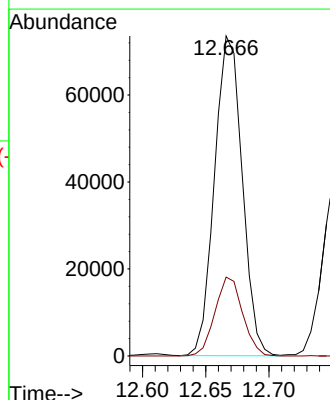
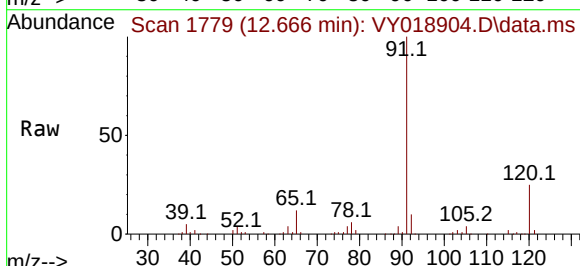
Acq: 24 Jul 2024 12:20

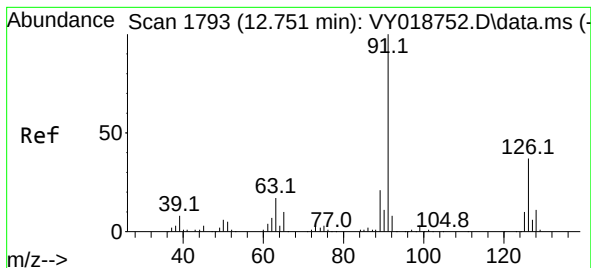
Tgt Ion: 91 Resp: 111948

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4

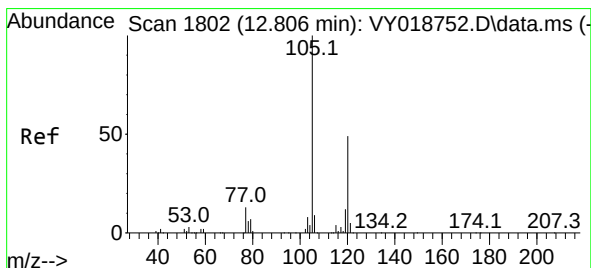
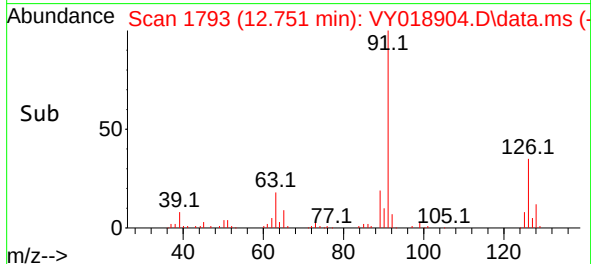
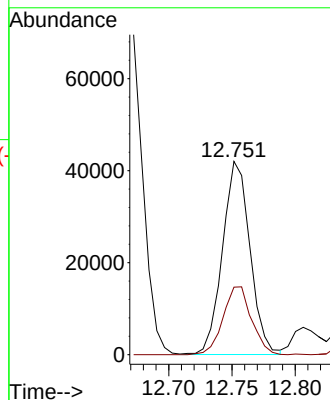
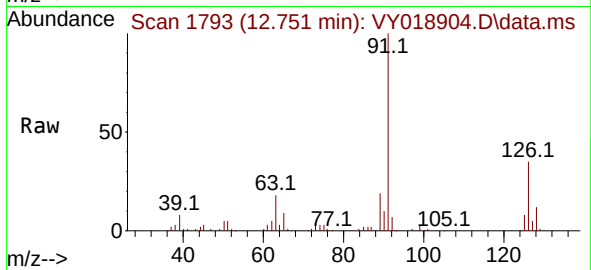




#79  
2-Chlorotoluene  
Concen: 20.612 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

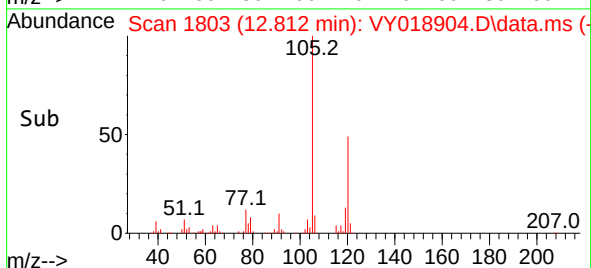
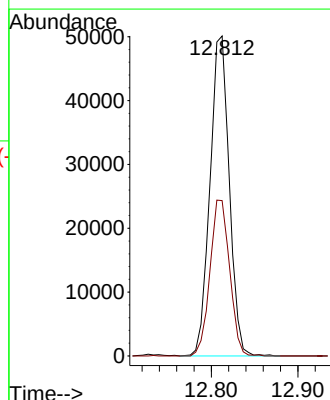
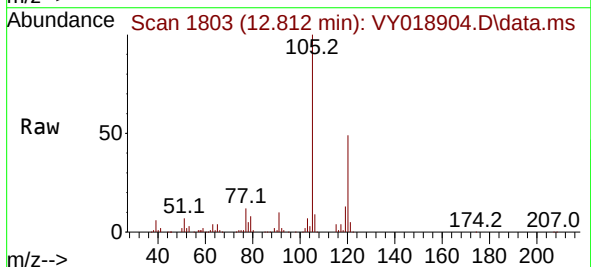
Instrument :  
MSVOA\_Y  
ClientSampleId :

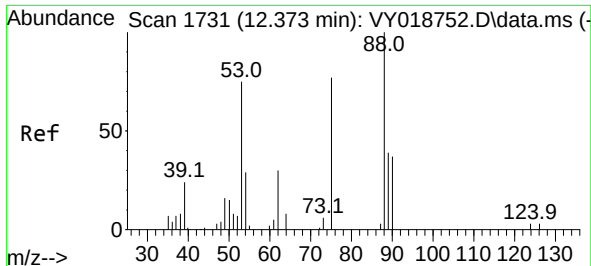
Tgt Ion: 91 Resp: 63729  
Ion Ratio Lower Upper  
91 100  
126 36.3 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 20.430 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 105 Resp: 77404  
Ion Ratio Lower Upper  
105 100  
120 49.7 25.1 75.2

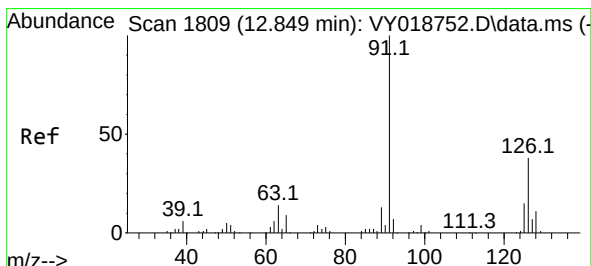
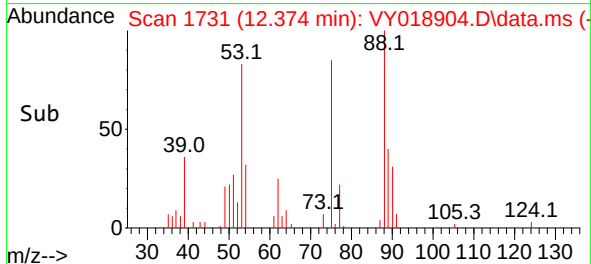
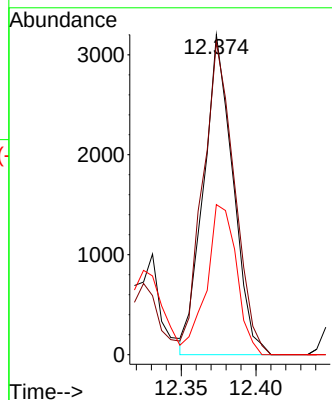
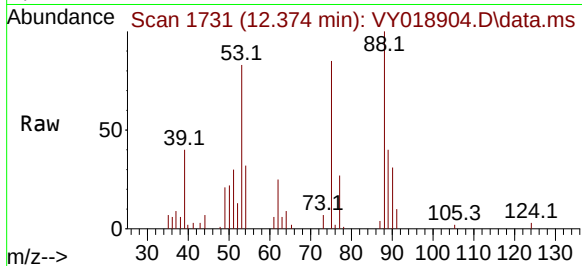




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.715 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

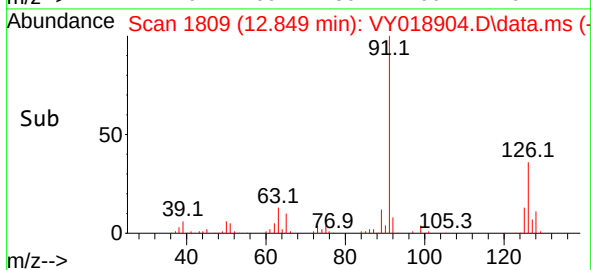
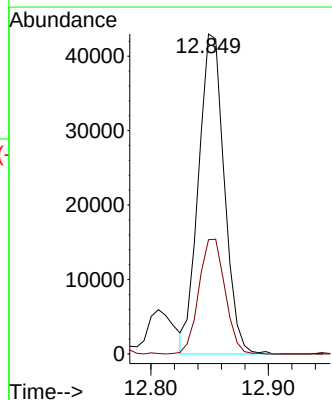
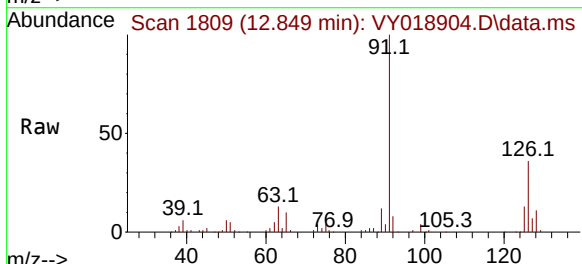
Instrument :  
MSVOA\_Y  
ClientSampleId :

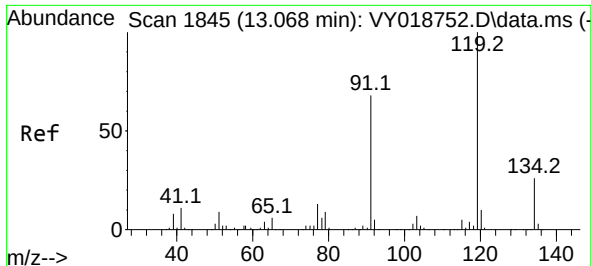
Tgt Ion: 75 Resp: 4365  
Ion Ratio Lower Upper  
75 100  
53 104.8 66.8 100.2#  
89 47.9 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 20.528 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

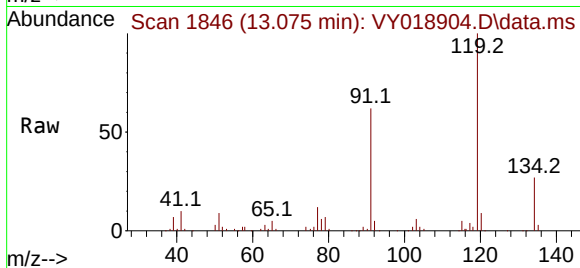
Tgt Ion: 91 Resp: 65355  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.6 52.9



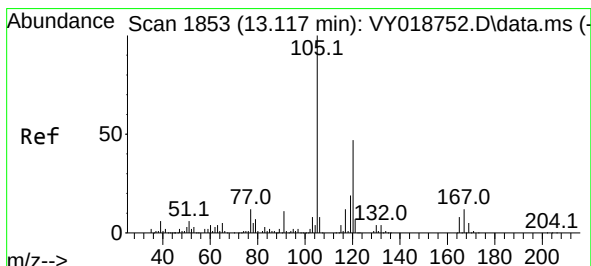
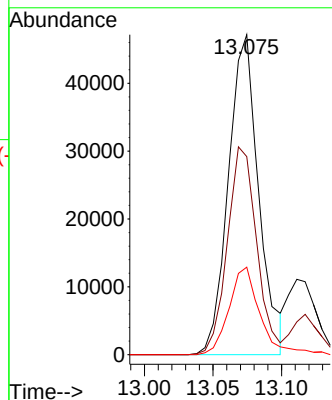
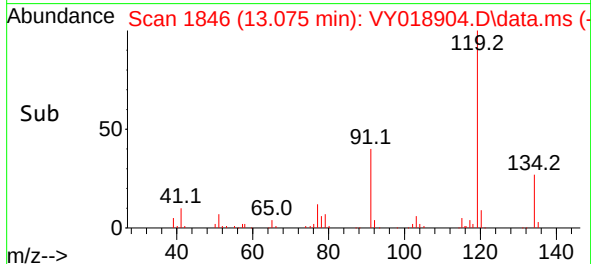


#83  
tert-Butylbenzene  
Concen: 20.735 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Instrument :  
MSVOA\_Y  
ClientSampleId :

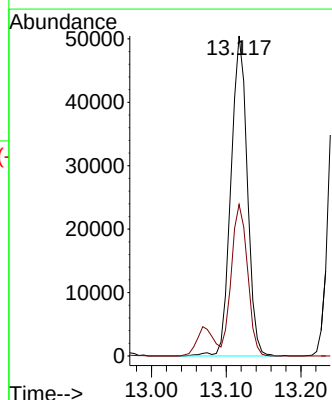
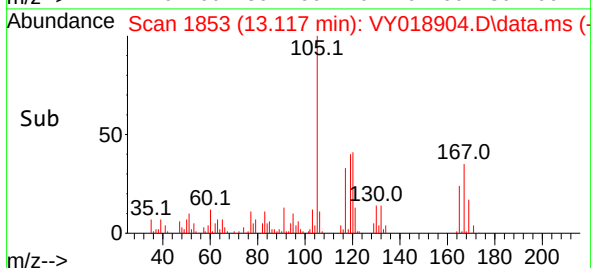
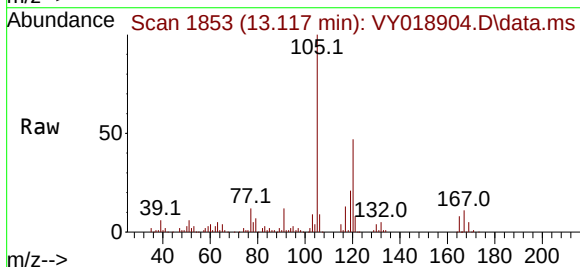


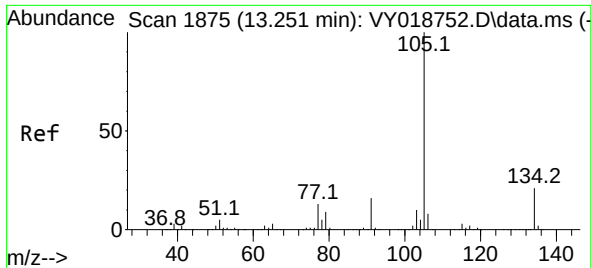
Tgt Ion:119 Resp: 72526  
Ion Ratio Lower Upper  
119 100  
91 63.1 31.3 93.8  
134 28.1 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 20.396 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion:105 Resp: 76789  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.2 69.6

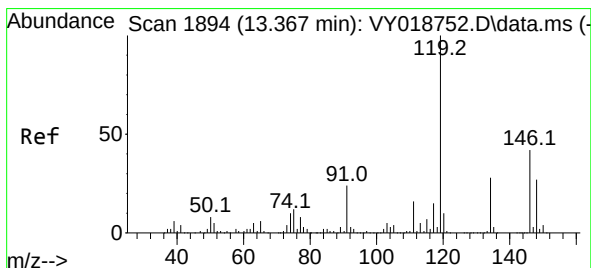
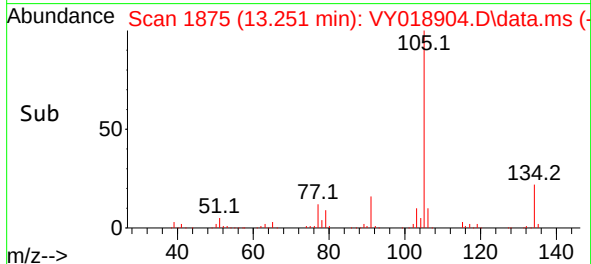
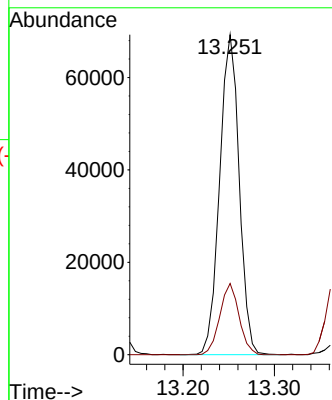
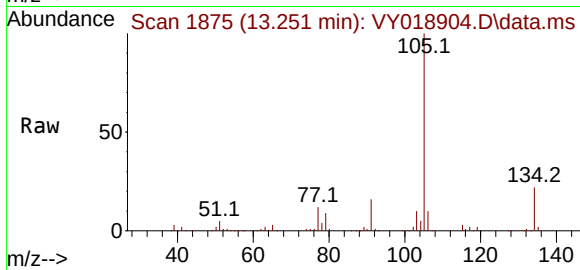




#85  
 sec-Butylbenzene  
 Concen: 20.719 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY018904.D  
 Acq: 24 Jul 2024 12:20

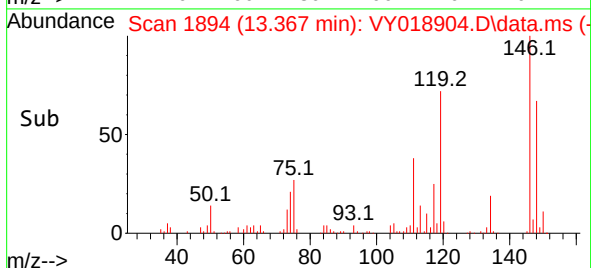
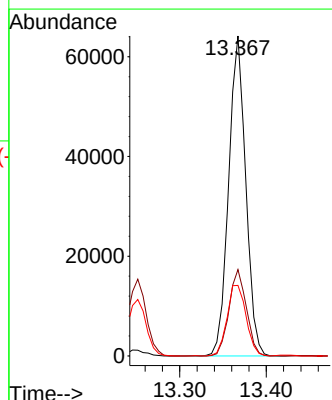
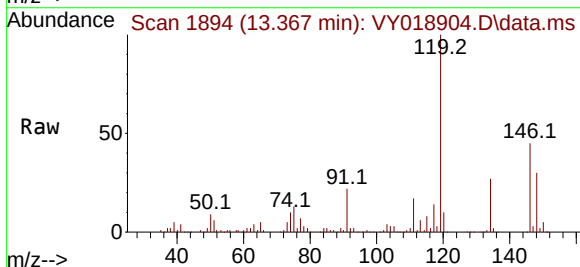
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

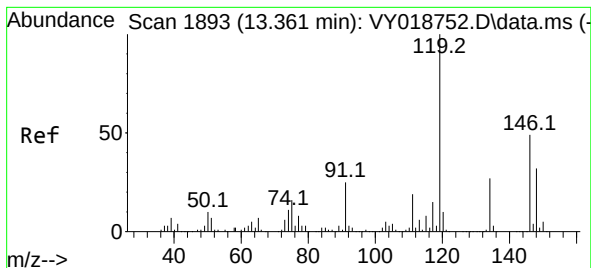
Tgt Ion:105 Resp: 102864  
 Ion Ratio Lower Upper  
 105 100  
 134 21.9 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 20.556 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY018904.D  
 Acq: 24 Jul 2024 12:20

Tgt Ion:119 Resp: 88107  
 Ion Ratio Lower Upper  
 119 100  
 134 27.4 13.1 39.3  
 91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.945 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

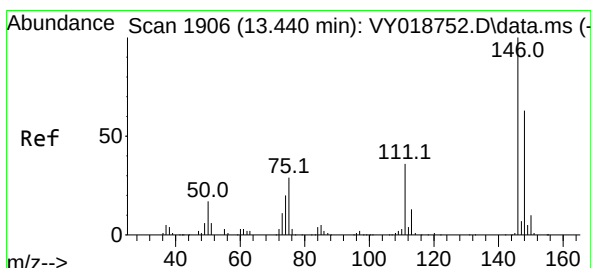
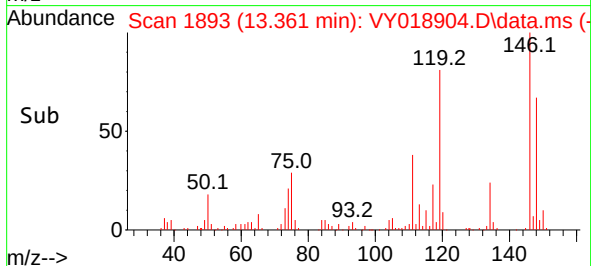
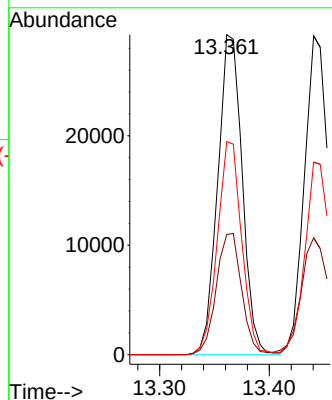
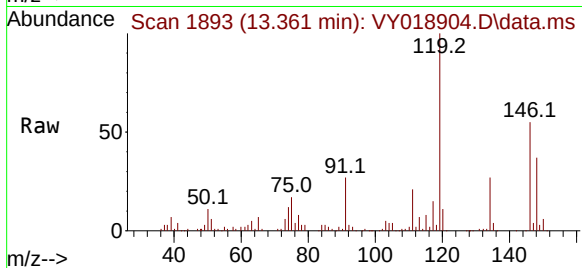
Tgt Ion:146 Resp: 45473

Ion Ratio Lower Upper

146 100

111 39.1 19.0 57.0

148 66.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.029 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

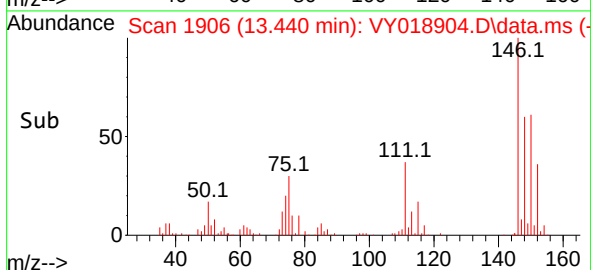
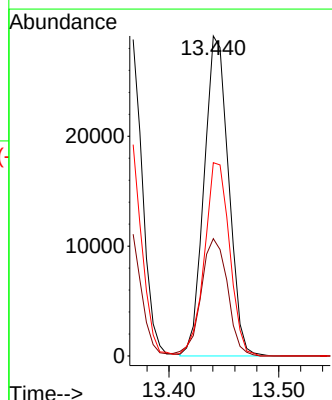
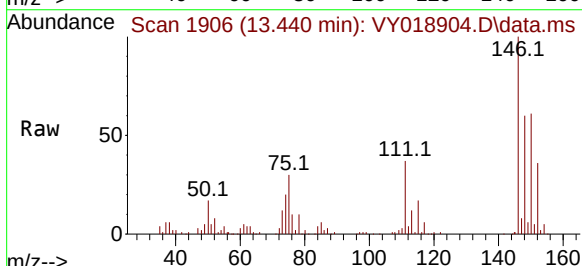
Tgt Ion:146 Resp: 45249

Ion Ratio Lower Upper

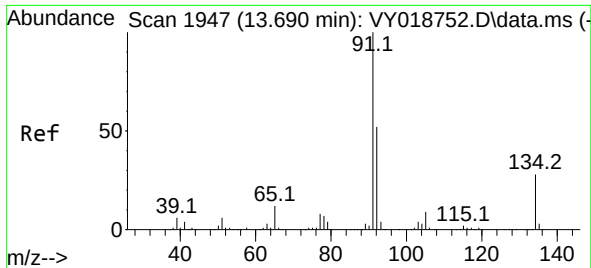
146 100

111 39.7 18.4 55.4

148 62.1 32.4 97.2



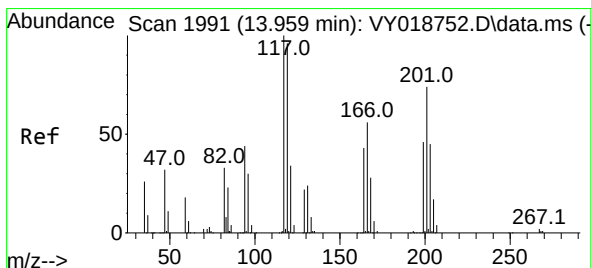
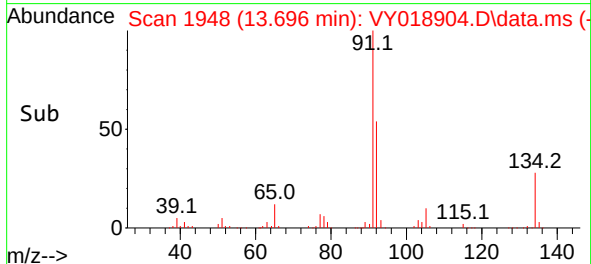
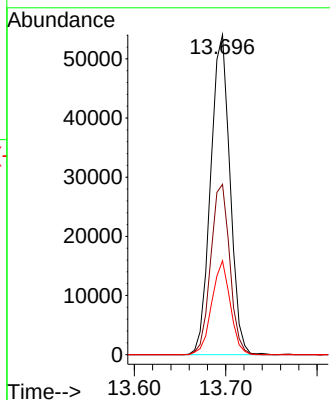
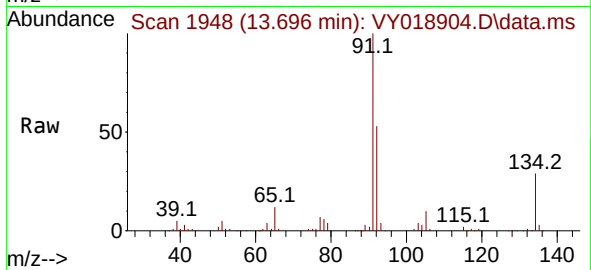




#89  
n-Butylbenzene  
Concen: 20.436 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

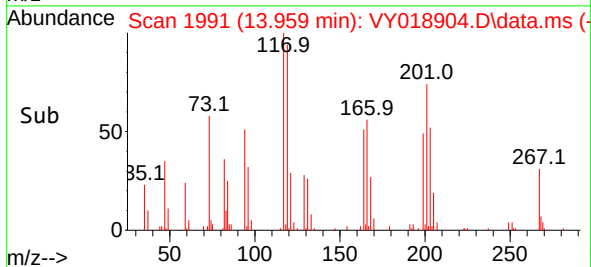
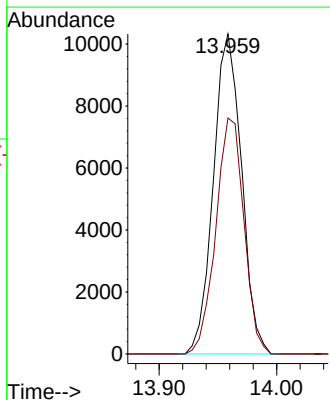
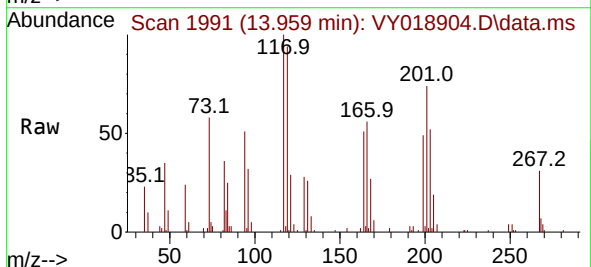
Instrument :  
MSVOA\_Y  
ClientSampleId :

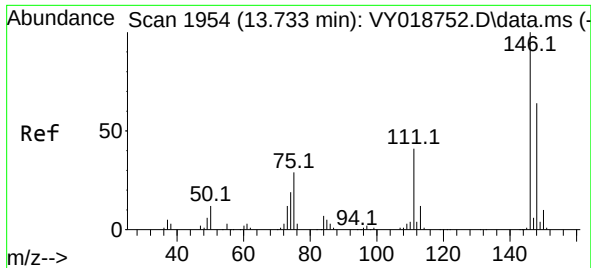
Tgt Ion: 91 Resp: 79410  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.6 79.7  
134 28.0 12.9 38.7



#90  
Hexachloroethane  
Concen: 21.569 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

Tgt Ion: 117 Resp: 17193  
Ion Ratio Lower Upper  
117 100  
201 73.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.318 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

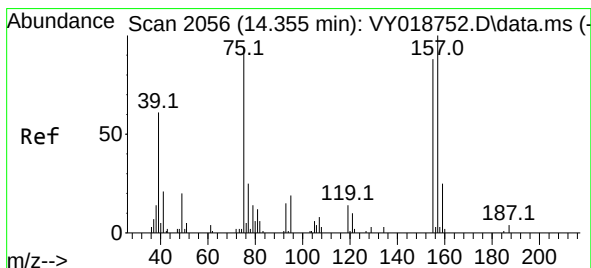
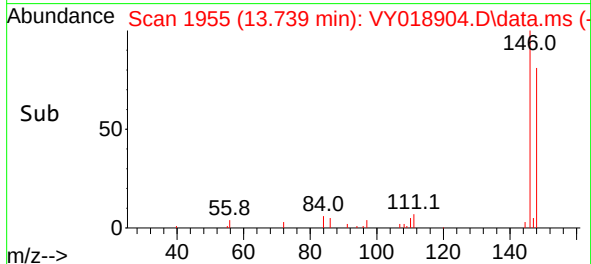
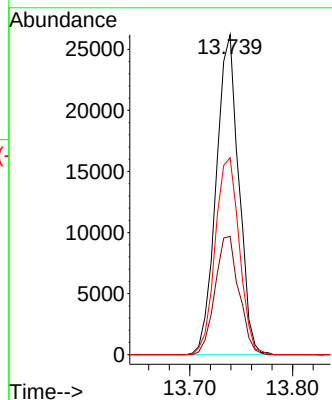
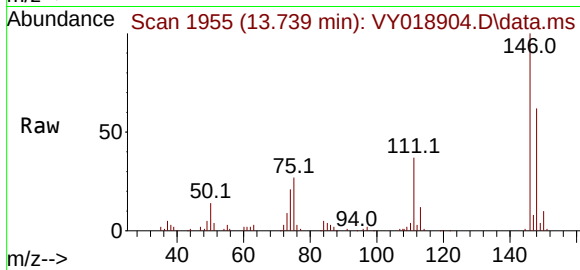
Tgt Ion:146 Resp: 39979

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.7

148 65.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.314 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

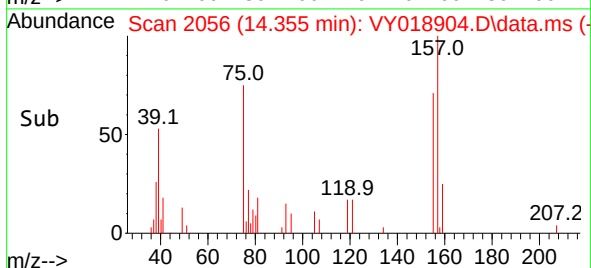
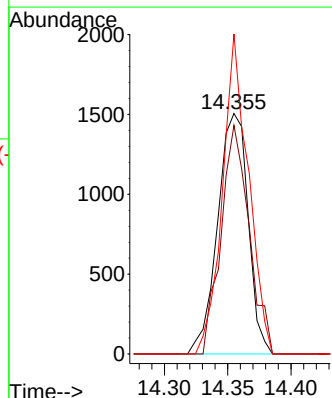
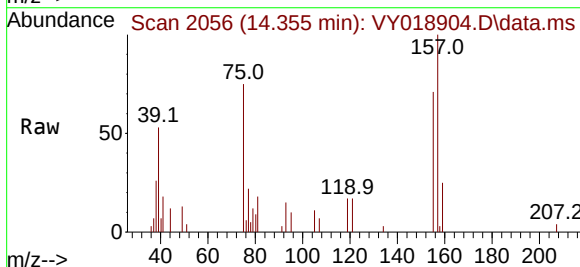
Tgt Ion: 75 Resp: 2521

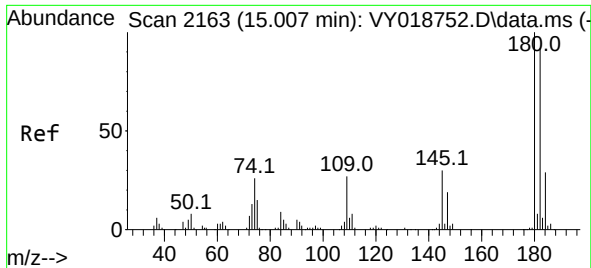
Ion Ratio Lower Upper

75 100

155 87.5 48.6 145.8

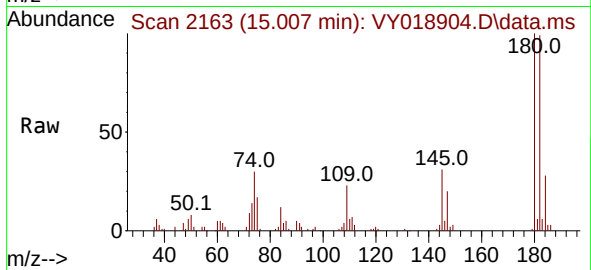
157 112.9 62.7 188.2



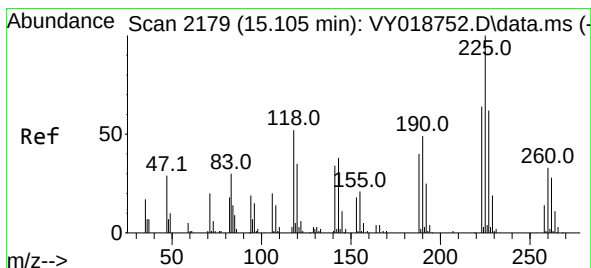
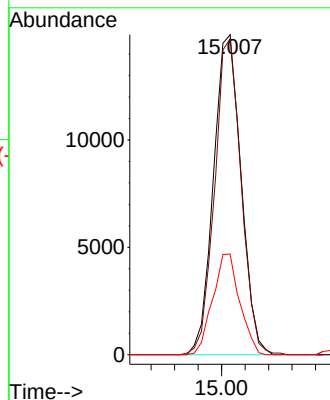
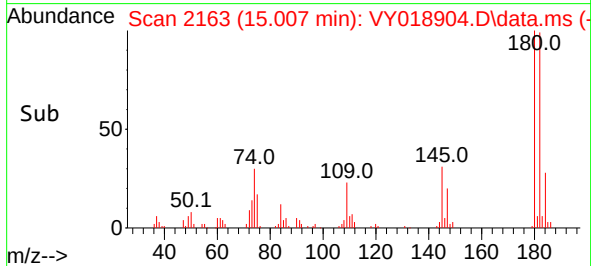


#93  
1,2,4-Trichlorobenzene  
Concen: 21.217 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20

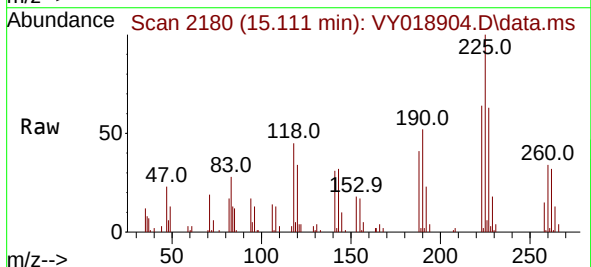
Instrument :  
MSVOA\_Y  
ClientSampleId :



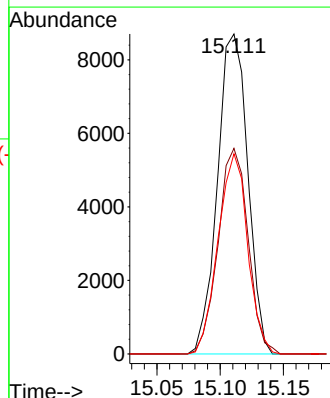
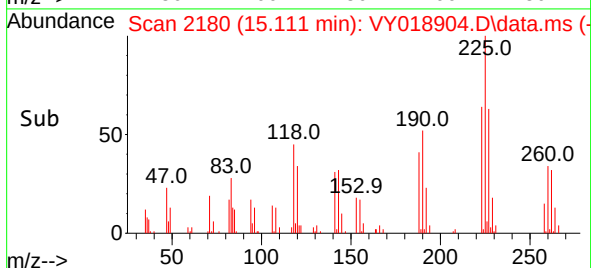
Tgt Ion:180 Resp: 24290  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.9 143.8  
145 30.8 14.2 42.6

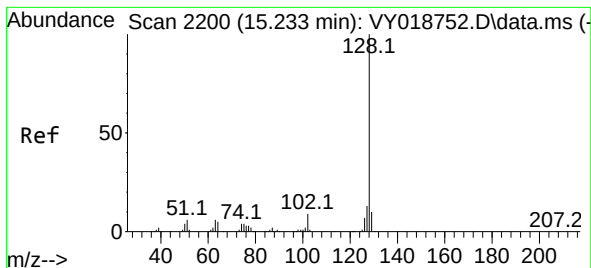


#94  
Hexachlorobutadiene  
Concen: 21.971 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.006 min  
Lab File: VY018904.D  
Acq: 24 Jul 2024 12:20



Tgt Ion:225 Resp: 14498  
Ion Ratio Lower Upper  
225 100  
223 63.5 30.4 91.2  
227 61.1 31.9 95.9





#95

Naphthalene

Concen: 19.926 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018904.D

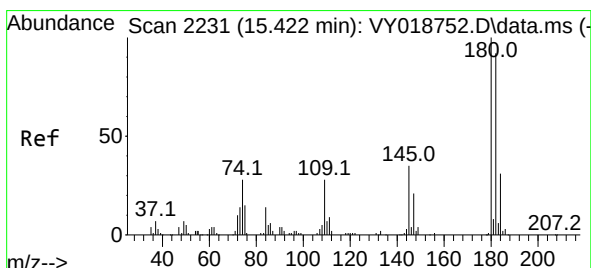
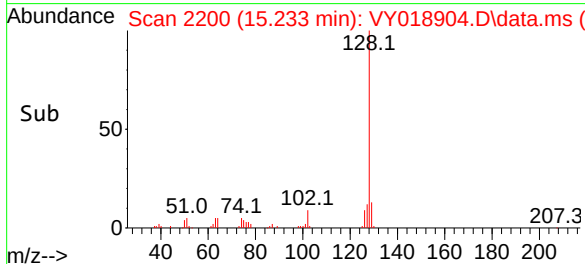
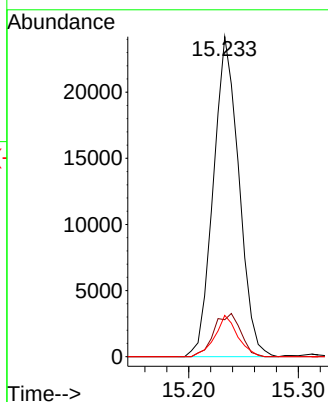
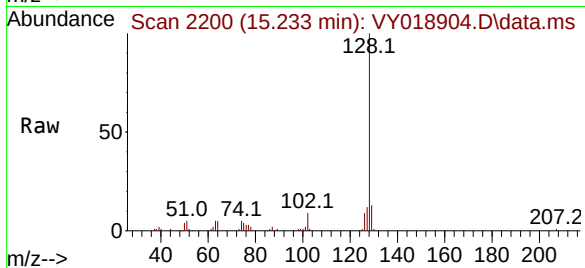
Acq: 24 Jul 2024 12:20

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 39133     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 14.2  | 10.6 16.0 |
| 129         | 11.5  | 8.6 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 20.393 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018904.D

Acq: 24 Jul 2024 12:20

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 19976      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.4  | 47.6 142.9 |
| 145         | 34.3  | 15.4 46.1  |

