

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070122\  
 Data File : VY009417.D  
 Acq On : 01 Jul 2022 13:08  
 Operator : KP/MD  
 Sample : VY0701SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0701SBS02

Quant Time: Jul 05 02:44:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 131151   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 205452   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.483 | 117  | 190189   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 102196   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 50490    | 48.064   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 96.120%  |
| 35) Dibromofluoromethane    | 7.710  | 113   | 55978    | 49.505   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 99.000%  |
| 50) Toluene-d8              | 10.173 | 98    | 167287   | 48.253   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 96.500%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 82909    | 50.424   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 100.840% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 21821  | 20.210  | ug/l   | 99  |
| 3) Chloromethane             | 2.107 | 50  | 21819  | 18.572  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.241 | 62  | 28030  | 20.625  | ug/l   | 98  |
| 5) Bromomethane              | 2.625 | 94  | 19895  | 22.813  | ug/l   | 98  |
| 6) Chloroethane              | 2.778 | 64  | 16656  | 22.986  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 40308  | 22.355  | ug/l   | 90  |
| 8) Diethyl Ether             | 3.515 | 74  | 13168  | 18.691  | ug/l   | 90  |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 24966  | 19.316  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.076 | 142 | 27882  | 19.653  | ug/l   | 90  |
| 11) Tert butyl alcohol       | 4.930 | 59  | 29686  | 156.647 | ug/l # | 93  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 23116  | 19.607  | ug/l   | 81  |
| 13) Acrolein                 | 3.723 | 56  | 7720   | 88.054  | ug/l   | 99  |
| 14) Allyl chloride           | 4.466 | 41  | 40181  | 18.600  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.155 | 53  | 38782  | 97.175  | ug/l   | 96  |
| 16) Acetone                  | 3.942 | 43  | 34432  | 99.805  | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.180 | 76  | 53706  | 16.376  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.466 | 43  | 20576  | 20.340  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 68963  | 19.505  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.698 | 84  | 33992  | 16.804  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 26091  | 18.485  | ug/l   | 83  |
| 22) Diisopropyl ether        | 6.112 | 45  | 93445  | 20.497  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.051 | 43  | 282936 | 99.071  | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 49836  | 19.443  | ug/l   | 96  |
| 25) 2-Butanone               | 6.972 | 43  | 55502  | 101.476 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 49315  | 20.328  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 31425  | 19.164  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.320 | 49  | 20748  | 18.851  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 34915  | 99.570  | ug/l   | 97  |
| 30) Chloroform               | 7.496 | 83  | 52211  | 19.819  | ug/l   | 96  |
| 31) Cyclohexane              | 7.777 | 56  | 41948  | 17.754  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 46874  | 19.869  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 37695  | 19.066  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.064 | 43  | 23796  | 20.295  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 42662  | 20.644  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.179 | 83  | 42181  | 18.026  | ug/l   | 92  |
| 40) Benzene                  | 8.155 | 78  | 113816 | 19.685  | ug/l   | 98  |

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 Sample : VY0701SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0701SBS02

Quant Time: Jul 05 02:44:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 32294    | 48.753  | ug/l # | 39       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 34485    | 20.792  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 44097    | 20.485  | ug/l # | 89       |
| 44) Trichloroethene           | 8.935  | 130  | 31398    | 19.544  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 28715    | 19.606  | ug/l   | 100      |
| 46) Dibromomethane            | 9.301  | 93   | 16428    | 19.580  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.490  | 83   | 39542    | 19.901  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.289  | 41   | 18702    | 20.153  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 5211     | 445.549 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 119248   | 107.439 | ug/l   | 97       |
| 52) Toluene                   | 10.240 | 92   | 72691    | 19.927  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 41987    | 21.124  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 45997    | 19.382  | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 24241    | 21.716  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.502 | 69   | 29980    | 21.041  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 40309    | 20.384  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 73899    | 93.673  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.825 | 43   | 82069    | 107.040 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.984 | 129  | 28607    | 20.250  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 22323    | 19.919  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 35089    | 19.817  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.508 | 112  | 81330    | 19.985  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 30136    | 20.189  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.587 | 91   | 140770   | 19.940  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.697 | 106  | 112363   | 39.804  | ug/l   | 91       |
| 69) o-Xylene                  | 12.026 | 106  | 52840    | 19.835  | ug/l   | 92       |
| 70) Styrene                   | 12.038 | 104  | 91260    | 20.676  | ug/l   | 95       |
| 71) Bromoform                 | 12.203 | 173  | 19130    | 20.396  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 141542   | 18.751  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 41344    | 20.881  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 26945    | 18.428  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 39675    | 33.151  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 34195    | 19.003  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.666 | 91   | 174610   | 19.016  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 98419    | 18.989  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 120484   | 19.087  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 9889     | 18.397  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 102184   | 18.972  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.069 | 119  | 105888   | 19.966  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 120032   | 20.010  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 160058   | 20.037  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 133966   | 19.944  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 69454    | 19.537  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 72865    | 19.919  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.690 | 91   | 123778   | 19.612  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 26273    | 19.728  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 63148    | 19.585  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 4556     | 18.591  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 36549    | 19.096  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 21066    | 19.607  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 69343    | 18.096  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 30167    | 18.142  | ug/l   | 98       |

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Operator : KP/MD  
Sample : VY0701SBS02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

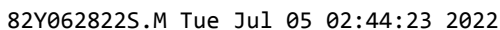
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

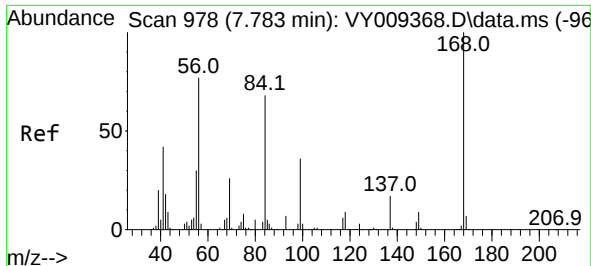
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Quant Title : SW846 8260  
QLast Update : Wed Jun 29 17:35:34 2022  
Response via : Initial Calibration

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

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

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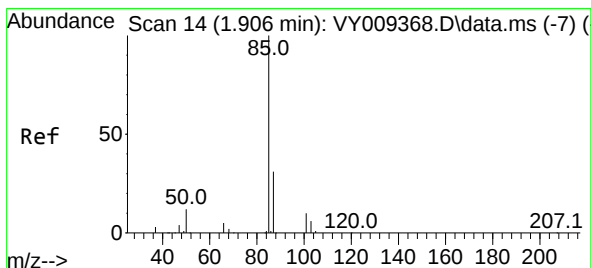
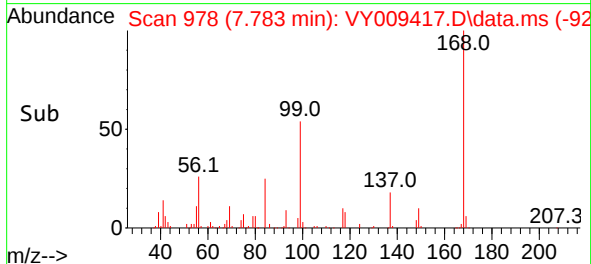
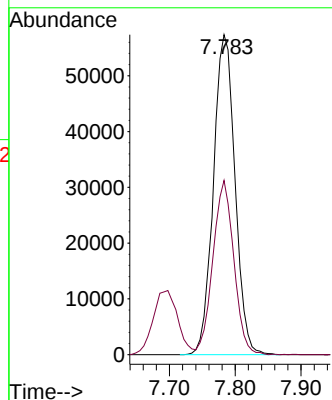
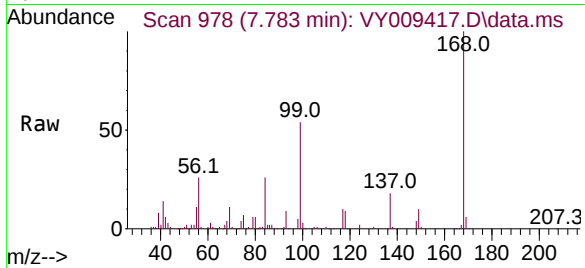




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

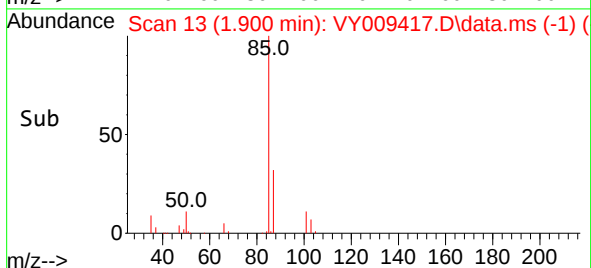
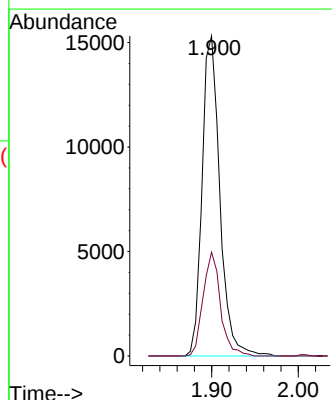
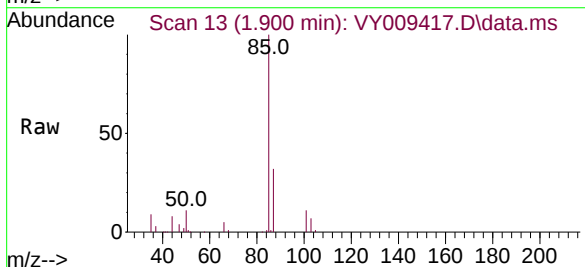
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

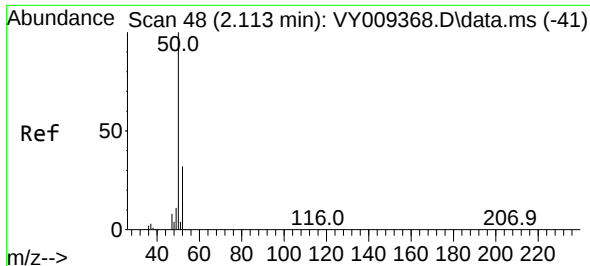
Tgt Ion:168 Resp: 131151  
Ion Ratio Lower Upper  
168 100  
99 54.4 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 20.210 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 85 Resp: 21821  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.1 48.2

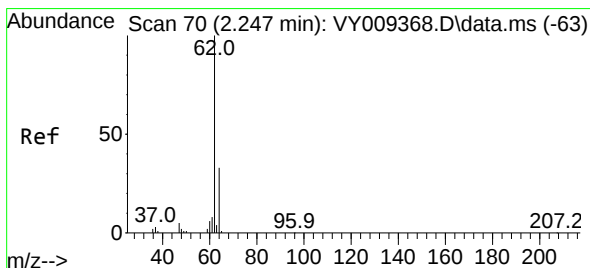
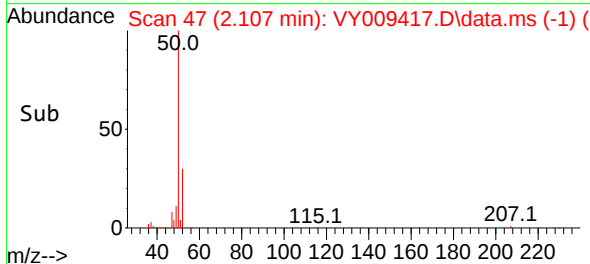
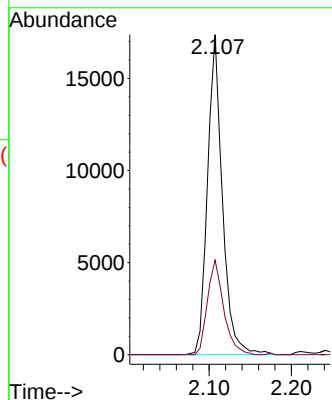
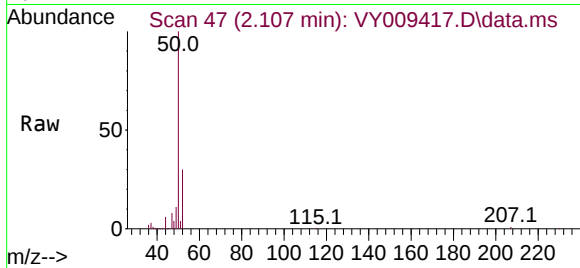




#3  
Chloromethane  
Concen: 18.572 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

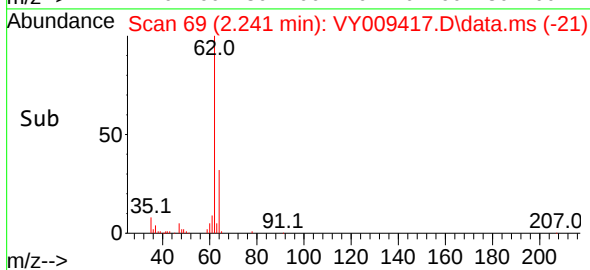
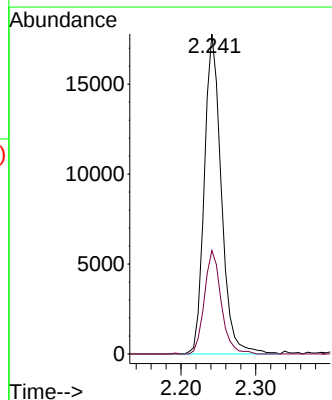
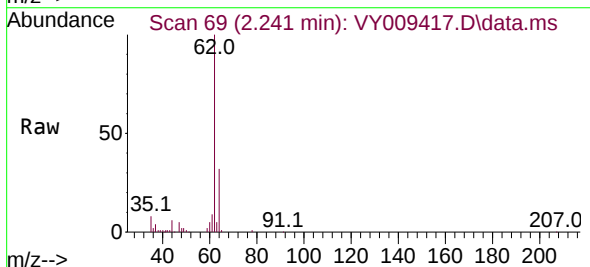
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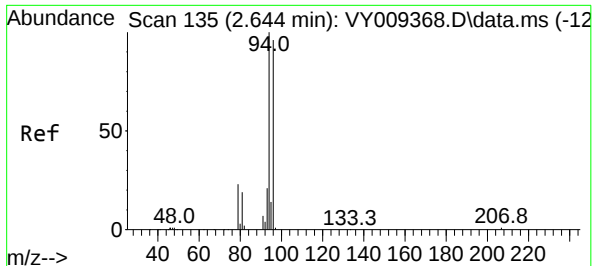
Tgt Ion: 50 Resp: 21819  
Ion Ratio Lower Upper  
50 100  
52 29.5 24.6 37.0



#4  
Vinyl Chloride  
Concen: 20.625 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 62 Resp: 28030  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.0 37.6

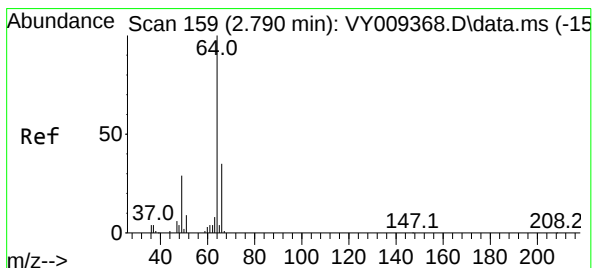
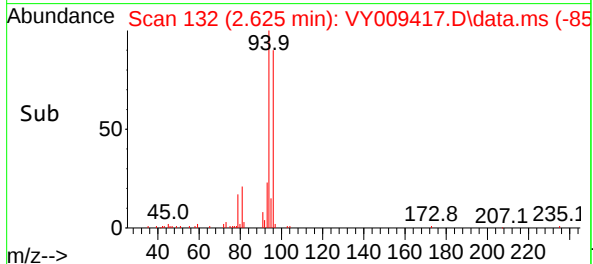
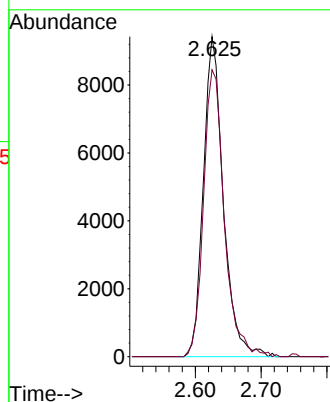
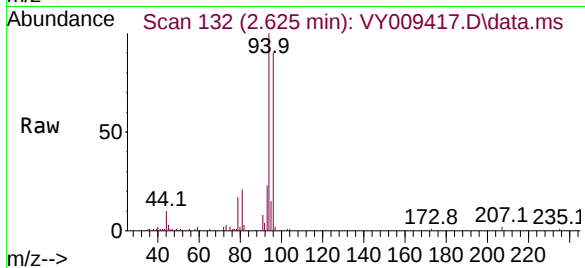




#5  
Bromomethane  
Concen: 22.813 ug/l  
RT: 2.625 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

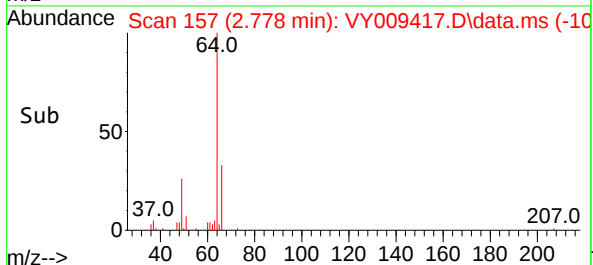
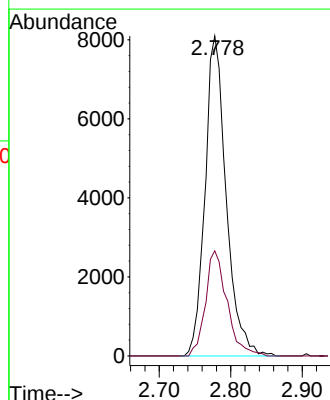
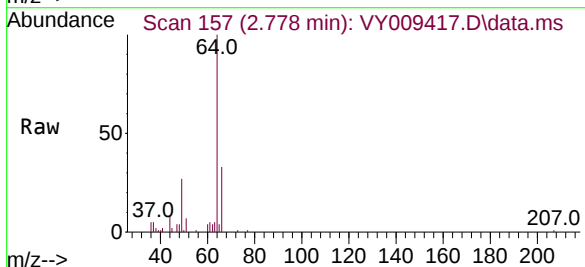
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VY0701SBSD02

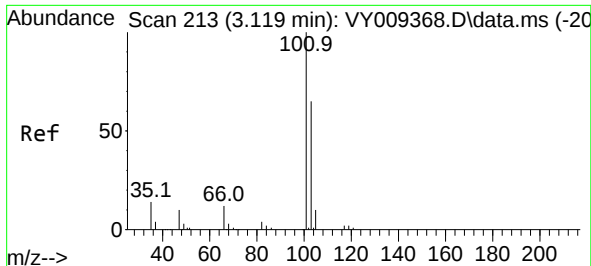
Tgt Ion: 94 Resp: 19895  
Ion Ratio Lower Upper  
94 100  
96 89.6 73.5 110.3



#6  
Chloroethane  
Concen: 22.986 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 64 Resp: 16656  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.4 38.0

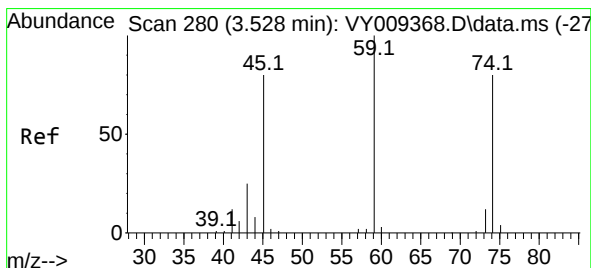
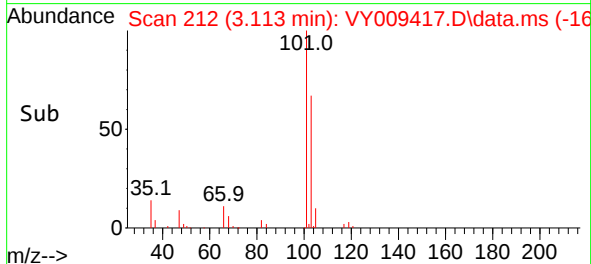
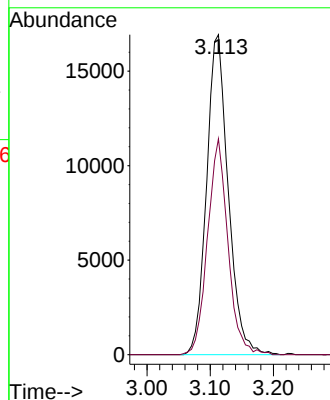
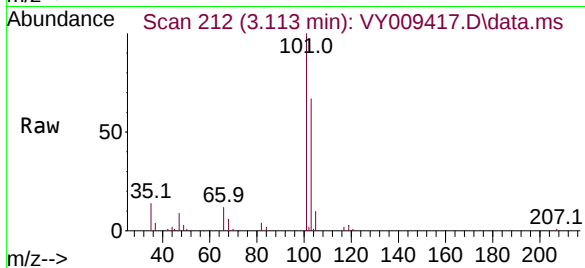




#7  
Trichlorofluoromethane  
Concen: 22.355 ug/l  
RT: 3.113 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

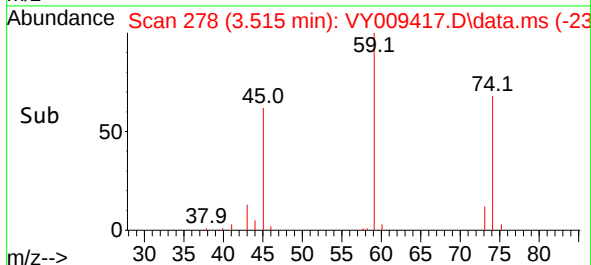
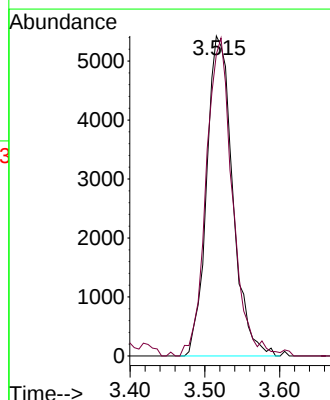
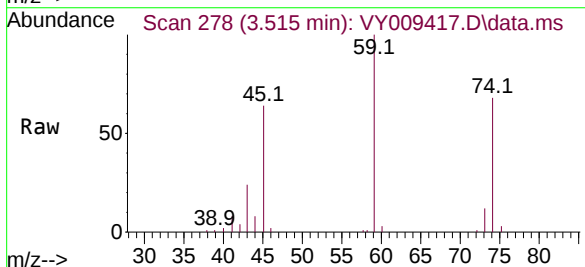
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

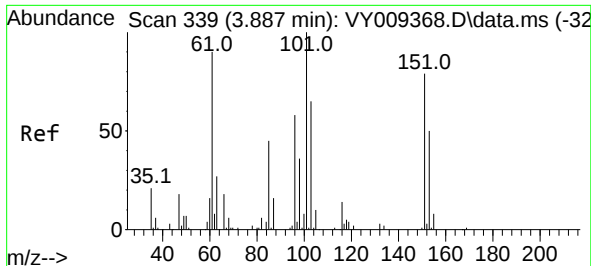
Tgt Ion:101 Resp: 40308  
Ion Ratio Lower Upper  
101 100  
103 67.4 48.0 72.0



#8  
Diethyl Ether  
Concen: 18.691 ug/l  
RT: 3.515 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 74 Resp: 13168  
Ion Ratio Lower Upper  
74 100  
45 100.1 55.1 165.5

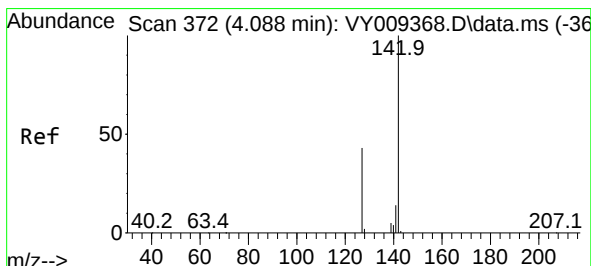
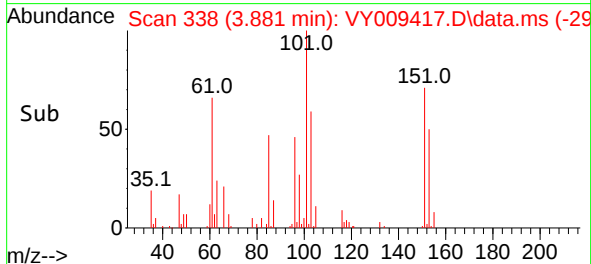
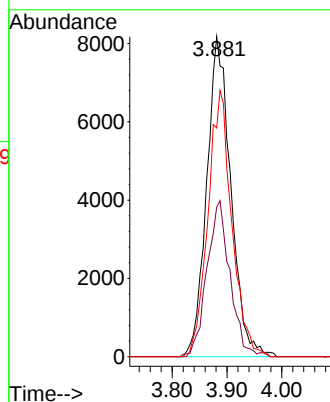
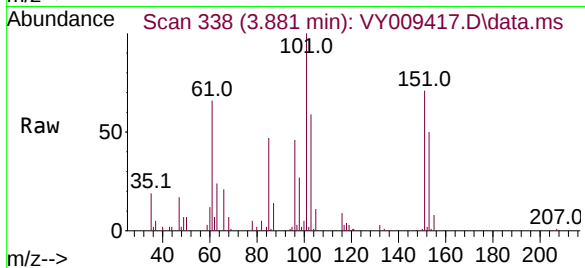




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.316 ug/l  
RT: 3.881 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

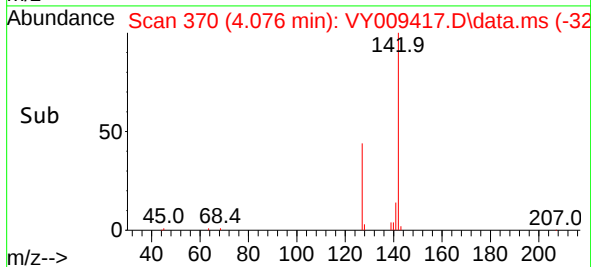
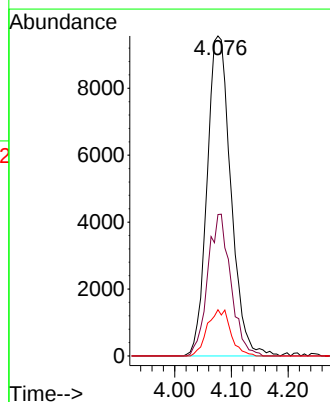
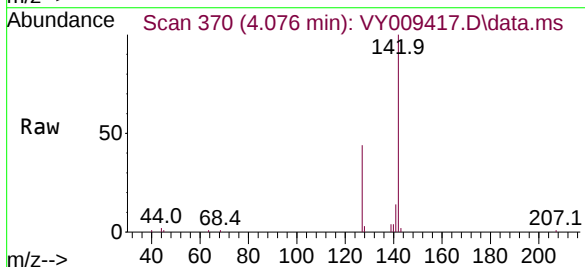
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

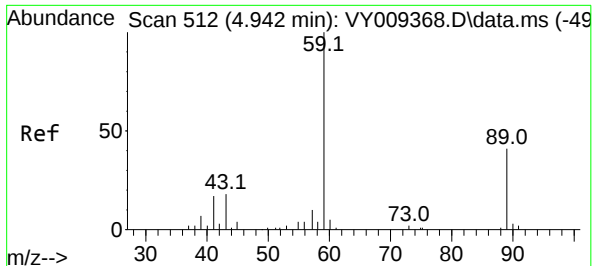
Tgt Ion:101 Resp: 24966  
Ion Ratio Lower Upper  
101 100  
85 46.6 40.6 60.8  
151 82.2 64.9 97.3



#10  
Methyl Iodide  
Concen: 19.653 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion:142 Resp: 27882  
Ion Ratio Lower Upper  
142 100  
127 42.9 41.5 62.3  
141 14.2 11.9 17.9

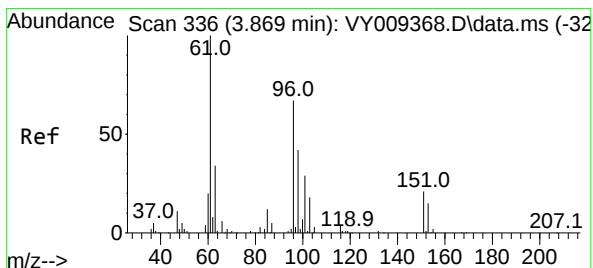
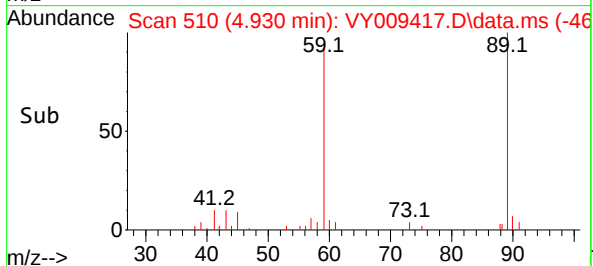
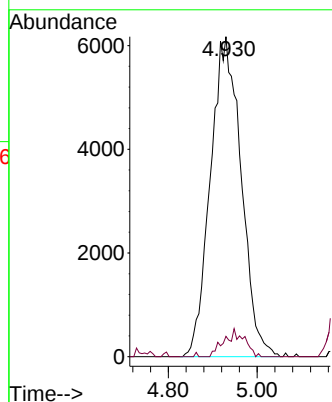
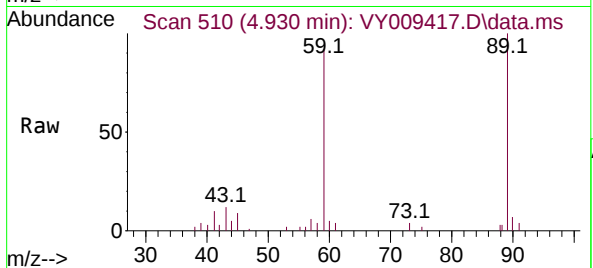




#11  
Tert butyl alcohol  
Concen: 156.647 ug/l  
RT: 4.930 min Scan# 512  
Delta R.T. -0.012 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

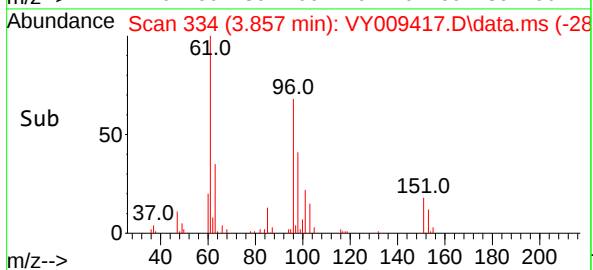
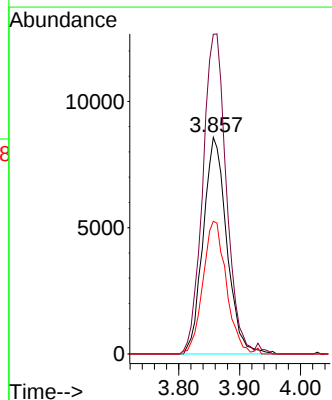
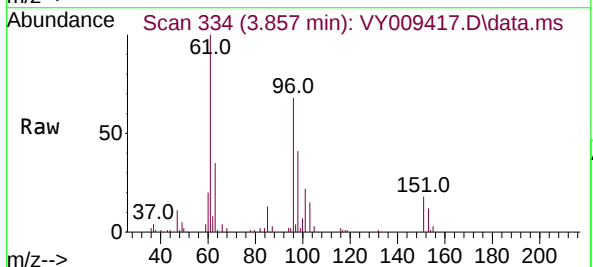
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

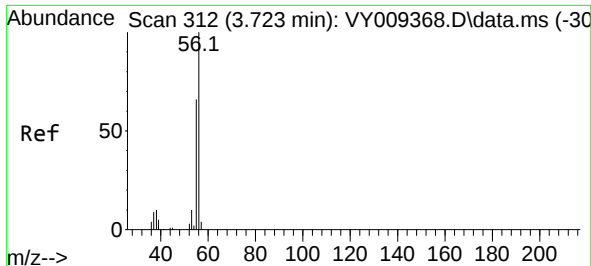
Tgt Ion: 59 Resp: 29686  
Ion Ratio Lower Upper  
59 100  
57 5.6 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 19.607 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 96 Resp: 23116  
Ion Ratio Lower Upper  
96 100  
61 147.5 145.8 218.6  
98 61.2 52.5 78.7





#13

Acrolein

Concen: 88.054 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

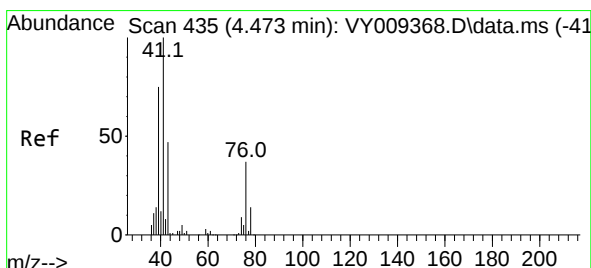
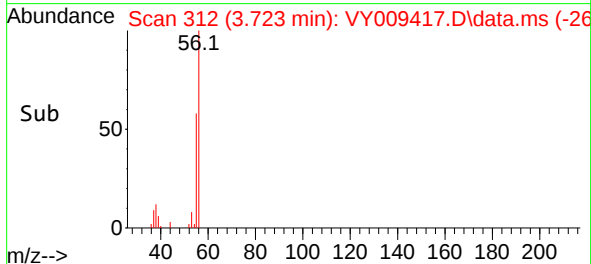
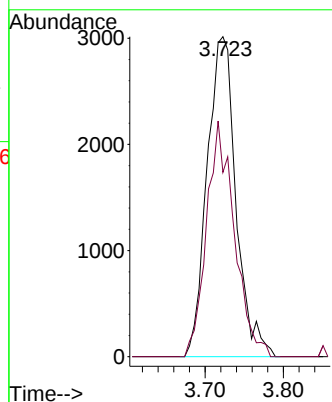
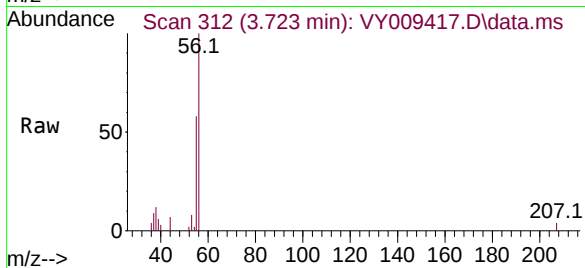
VY0701SBSD02

Tgt Ion: 56 Resp: 7720

Ion Ratio Lower Upper

56 100

55 71.0 57.6 86.4



#14

Allyl chloride

Concen: 18.600 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.007 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

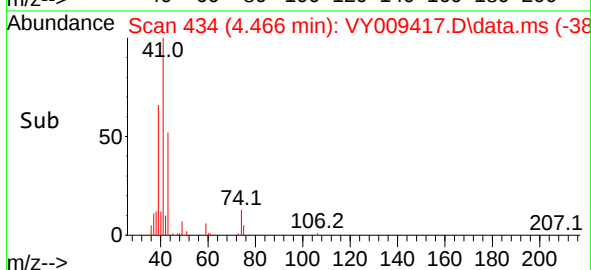
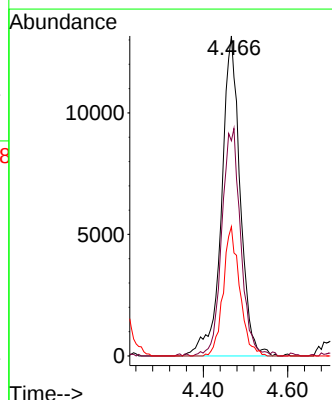
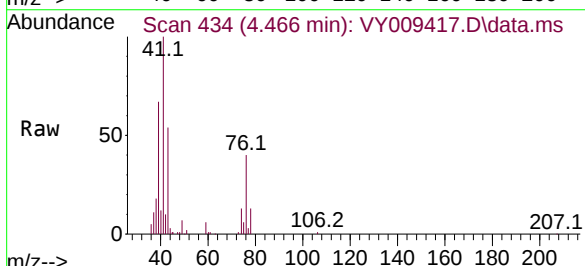
Tgt Ion: 41 Resp: 40181

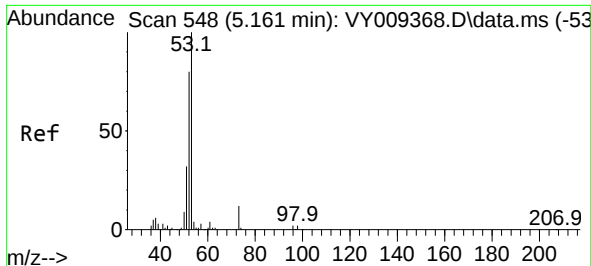
Ion Ratio Lower Upper

41 100

39 72.0 58.8 88.2

76 36.1 25.1 37.7

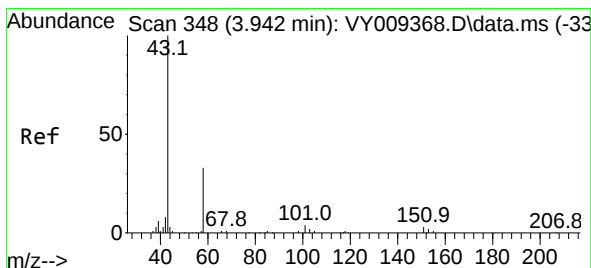
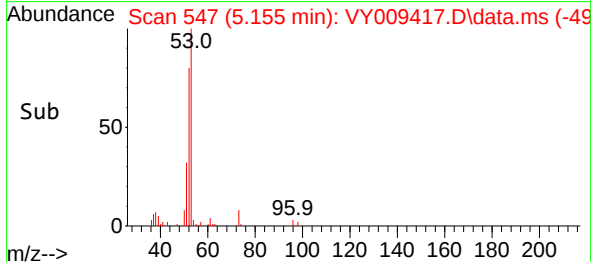
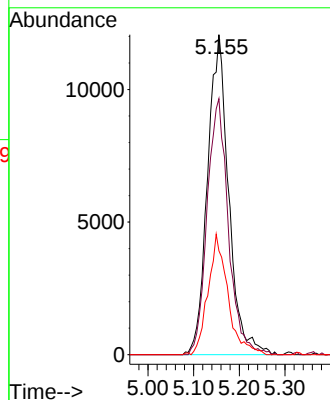
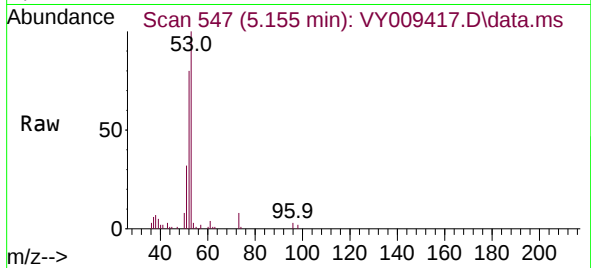




#15  
Acrylonitrile  
Concen: 97.175 ug/l  
RT: 5.155 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

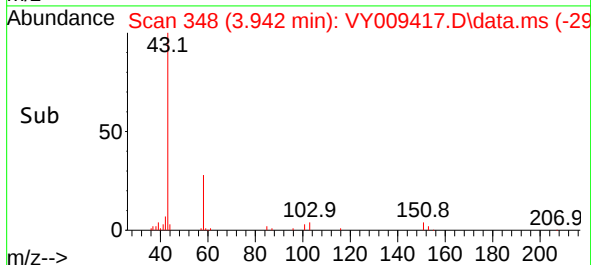
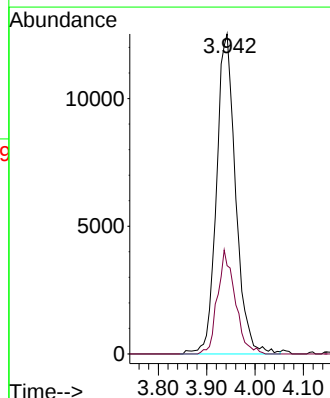
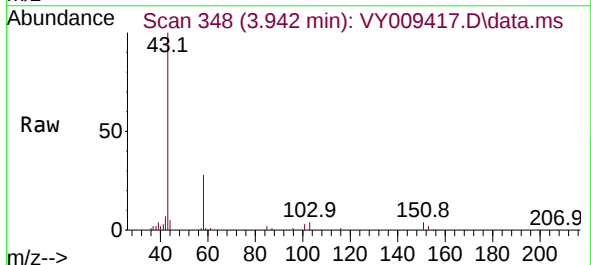
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

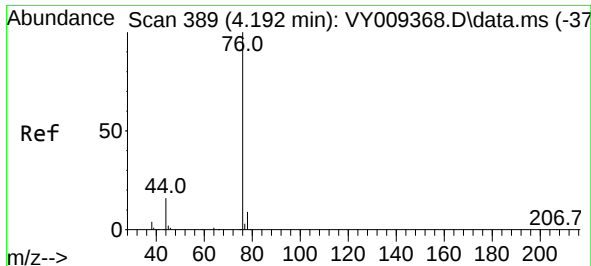
Tgt Ion: 53 Resp: 38782  
Ion Ratio Lower Upper  
53 100  
52 80.2 67.0 100.4  
51 35.4 29.8 44.6



#16  
Acetone  
Concen: 99.805 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 43 Resp: 34432  
Ion Ratio Lower Upper  
43 100  
58 27.6 22.0 33.0

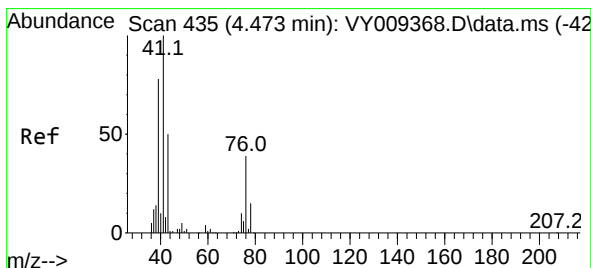
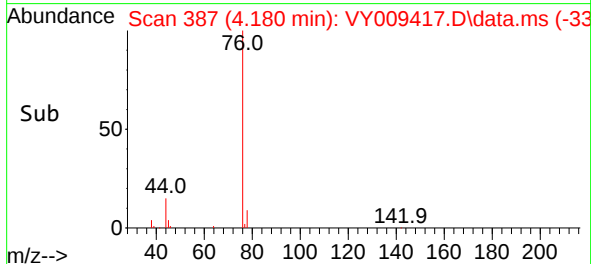
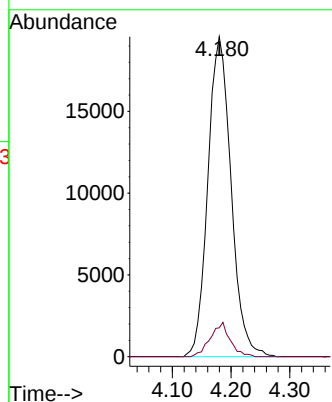
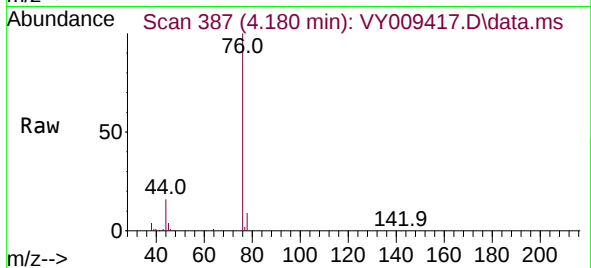




#17  
Carbon Disulfide  
Concen: 16.376 ug/l  
RT: 4.180 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

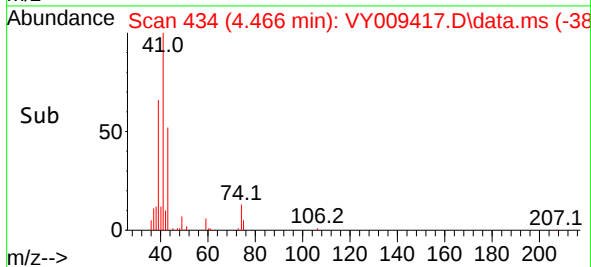
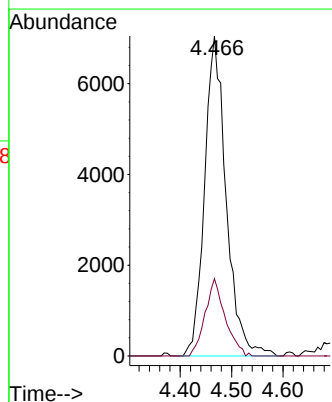
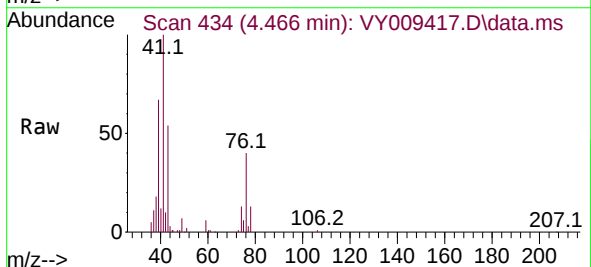
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

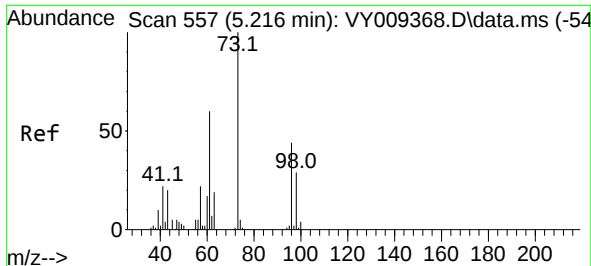
Tgt Ion: 76 Resp: 53706  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 20.340 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.007 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 43 Resp: 20576  
Ion Ratio Lower Upper  
43 100  
74 22.4 16.6 24.8

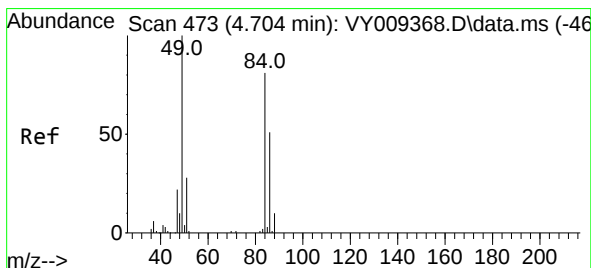
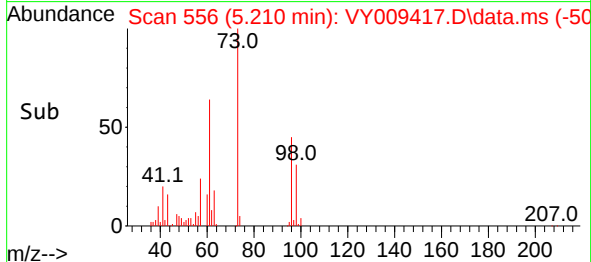
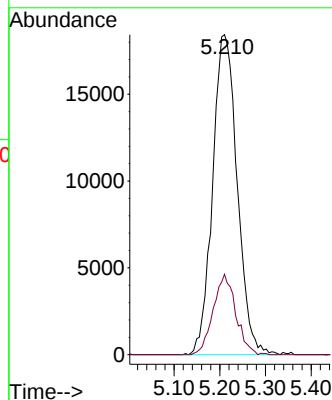
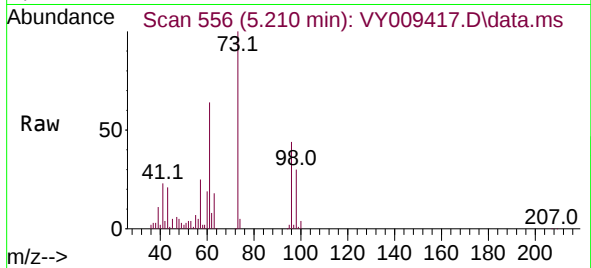




#19  
Methyl tert-butyl Ether  
Concen: 19.505 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

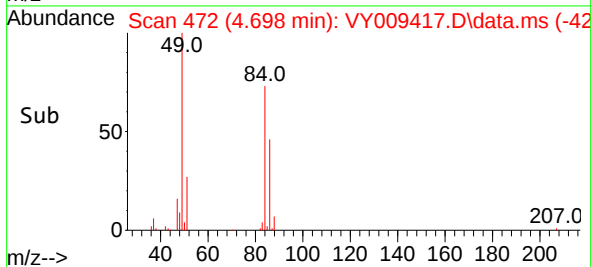
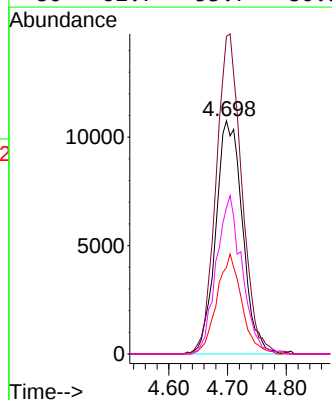
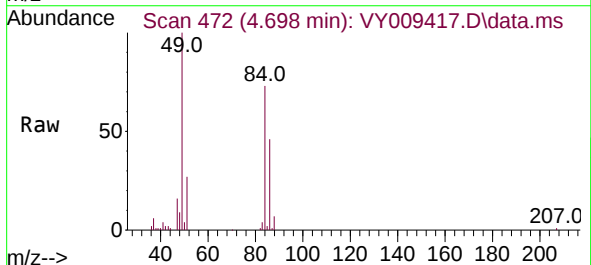
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBS02

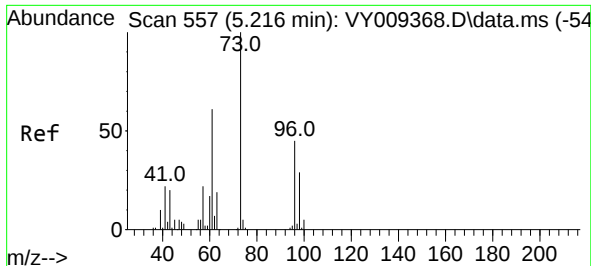
Tgt Ion: 73 Resp: 68963  
Ion Ratio Lower Upper  
73 100  
57 25.1 18.6 27.8



#20  
Methylene Chloride  
Concen: 16.804 ug/l  
RT: 4.698 min Scan# 472  
Delta R.T. -0.012 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 84 Resp: 33992  
Ion Ratio Lower Upper  
84 100  
49 136.2 114.4 171.6  
51 37.1 35.3 52.9  
86 62.7 53.7 80.5

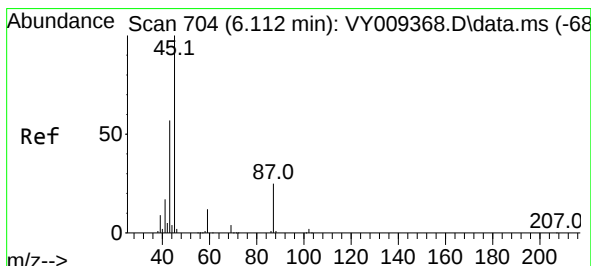
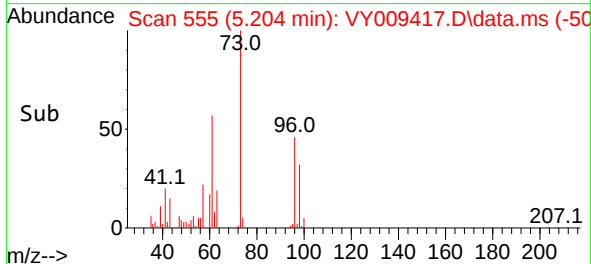
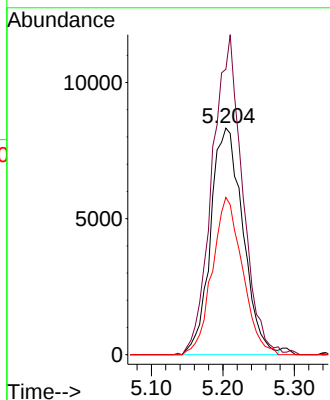
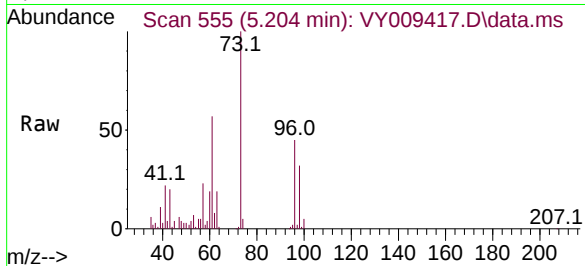




#21  
trans-1,2-Dichloroethene  
Concen: 18.485 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

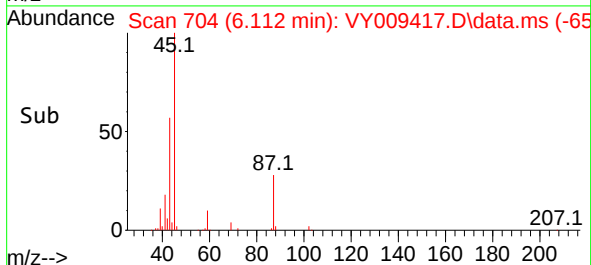
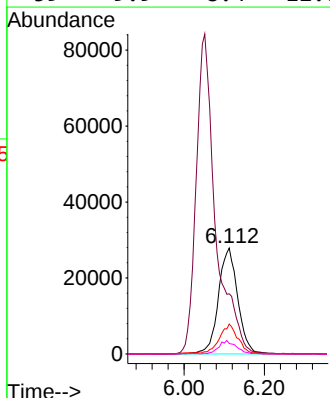
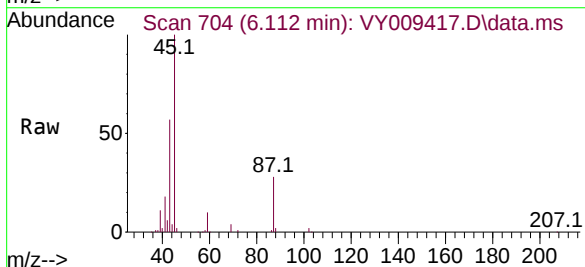
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

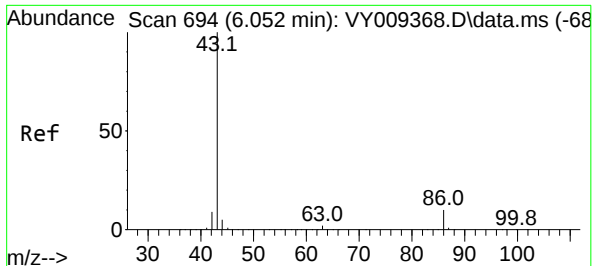
Tgt Ion: 96 Resp: 26091  
Ion Ratio Lower Upper  
96 100  
61 125.4 120.5 180.7  
98 69.4 49.8 74.8



#22  
Diisopropyl ether  
Concen: 20.497 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 45 Resp: 93445  
Ion Ratio Lower Upper  
45 100  
43 56.6 49.3 73.9  
87 28.2 19.2 28.8  
59 9.9 8.4 12.6

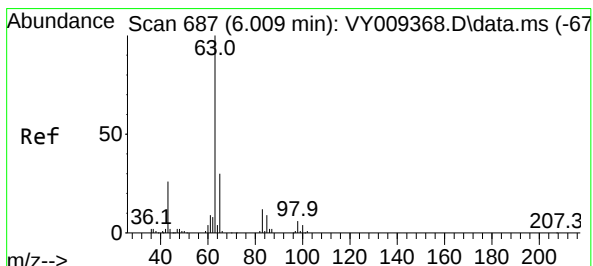
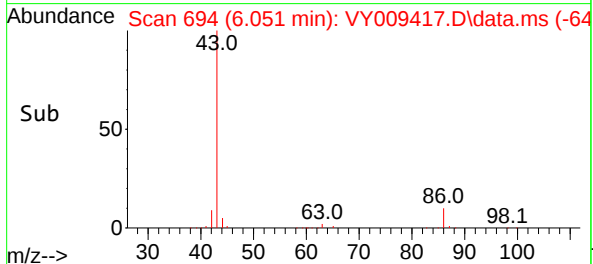
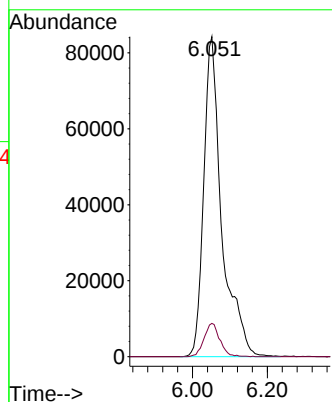
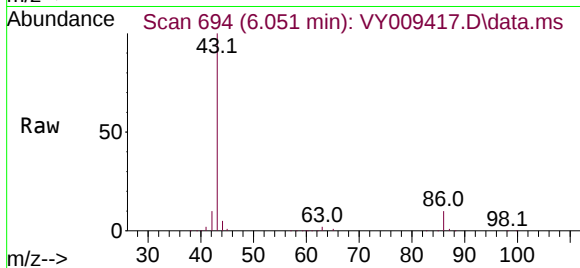




#23  
 Vinyl Acetate  
 Concen: 99.071 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY009417.D  
 Acq: 01 Jul 2022 13:08

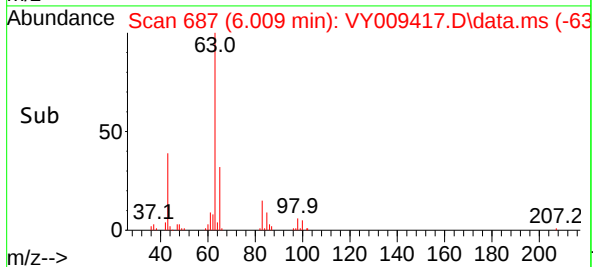
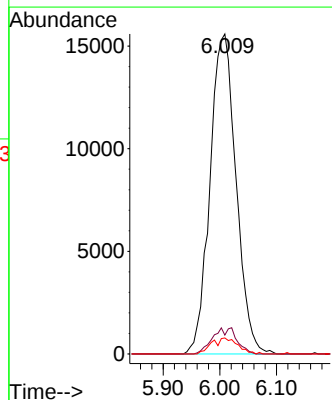
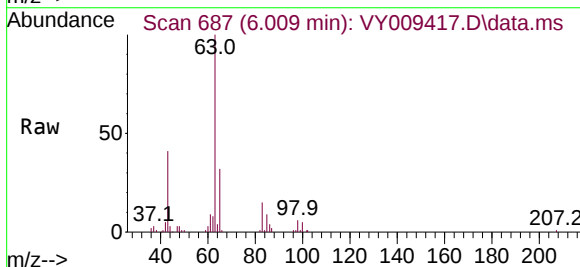
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0701SBS02

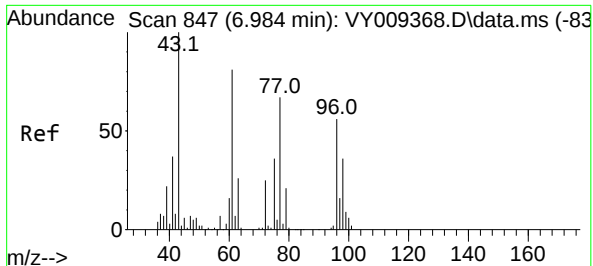
Tgt Ion: 43 Resp: 282936  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 19.443 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY009417.D  
 Acq: 01 Jul 2022 13:08

Tgt Ion: 63 Resp: 49836  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.6 10.8  
 100 5.0 2.0 5.8

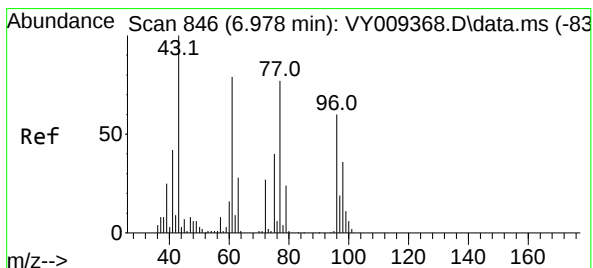
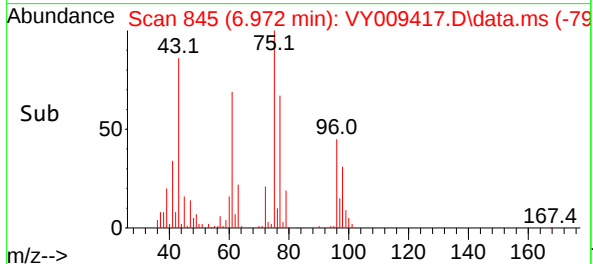
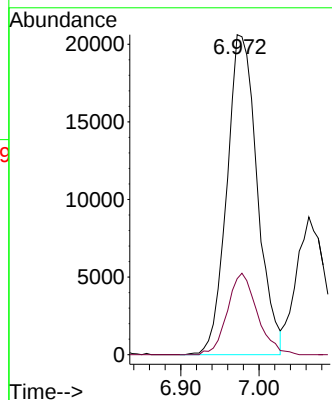
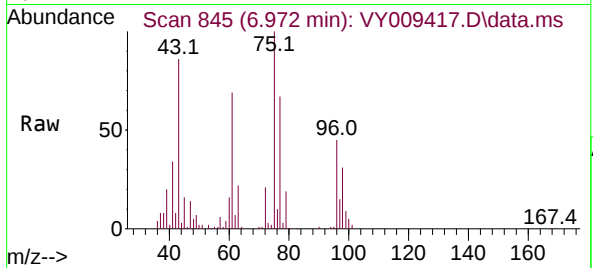




#25  
2-Butanone  
Concen: 101.476 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

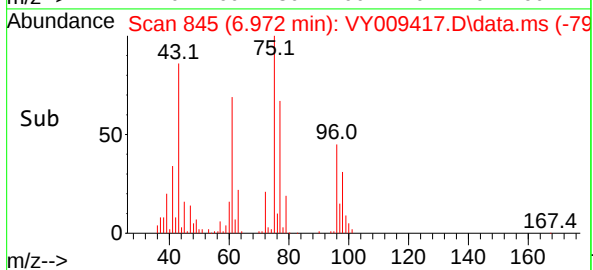
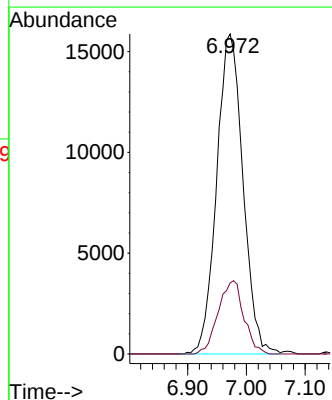
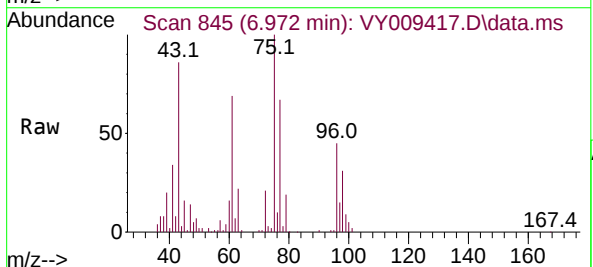
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

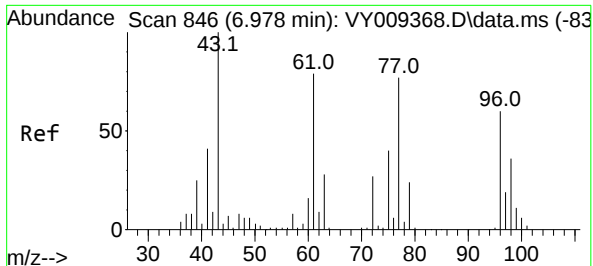
Tgt Ion: 43 Resp: 55502  
Ion Ratio Lower Upper  
43 100  
72 23.7 17.7 26.5



#26  
2,2-Dichloropropane  
Concen: 20.328 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 77 Resp: 49315  
Ion Ratio Lower Upper  
77 100  
97 22.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.164 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

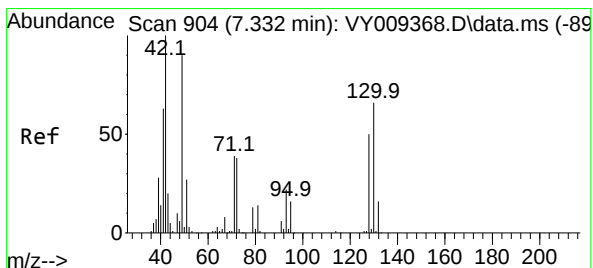
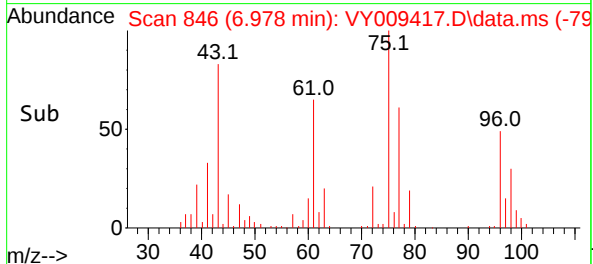
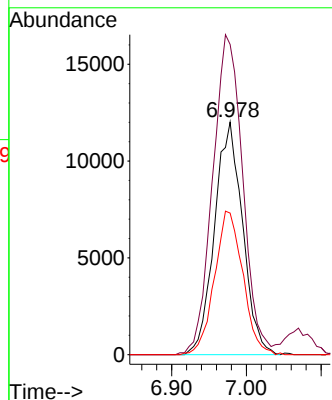
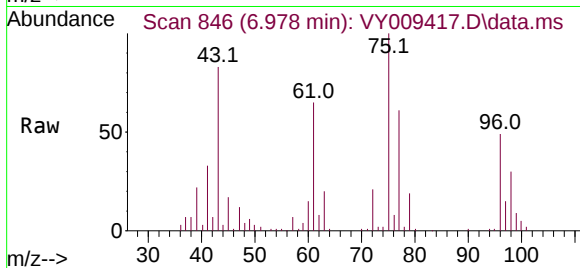
Tgt Ion: 96 Resp: 31425

Ion Ratio Lower Upper

96 100

61 146.8 0.0 319.8

98 62.3 0.0 127.0



#28

Bromochloromethane

Concen: 18.851 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

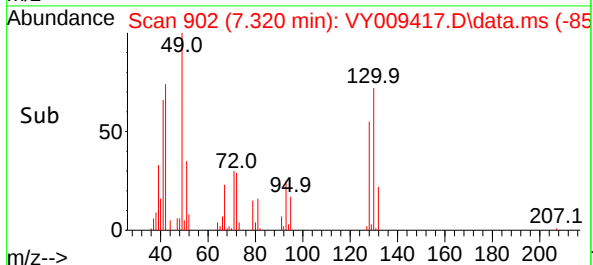
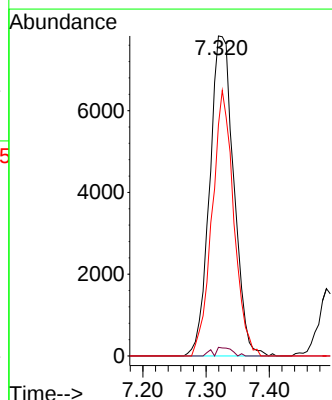
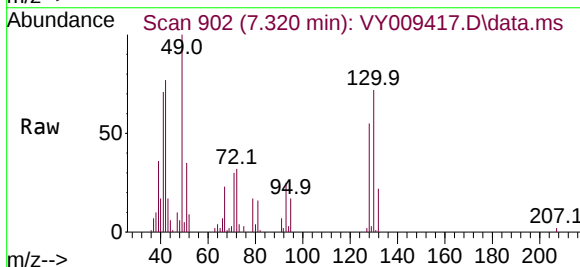
Tgt Ion: 49 Resp: 20748

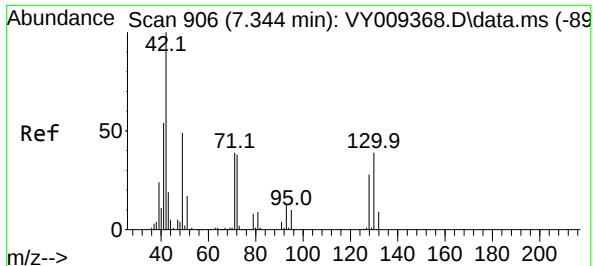
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 74.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 99.570 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

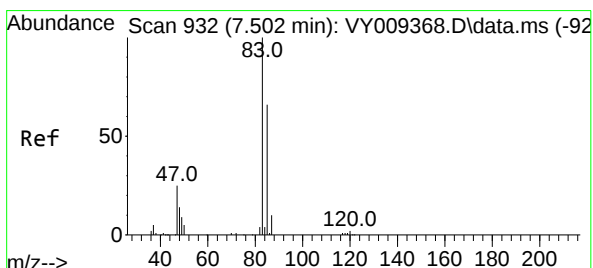
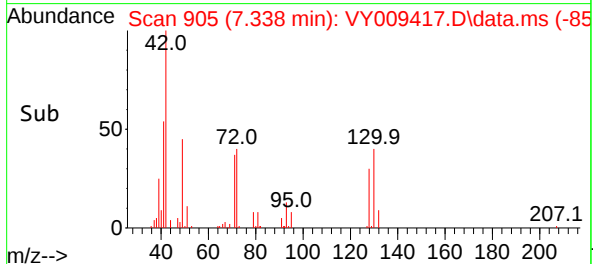
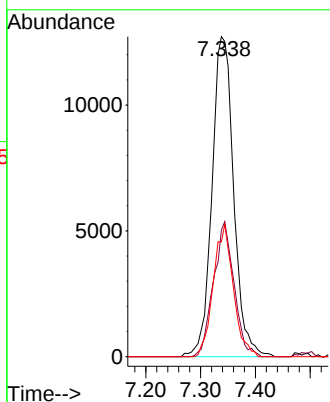
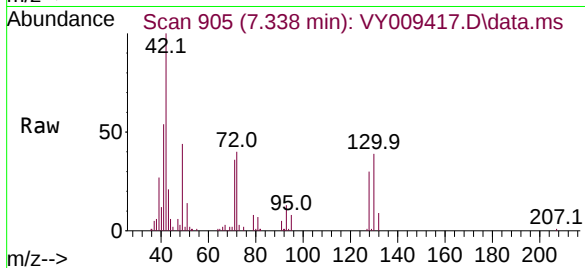
Tgt Ion: 42 Resp: 34915

Ion Ratio Lower Upper

42 100

72 40.0 30.3 45.5

71 38.0 29.0 43.4



#30

Chloroform

Concen: 19.819 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009417.D

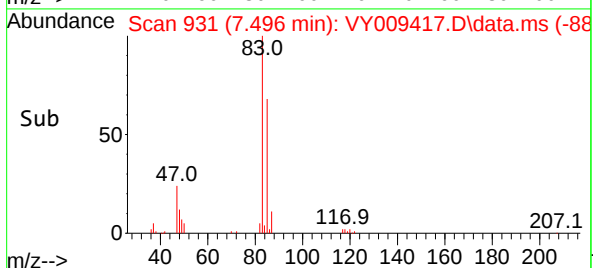
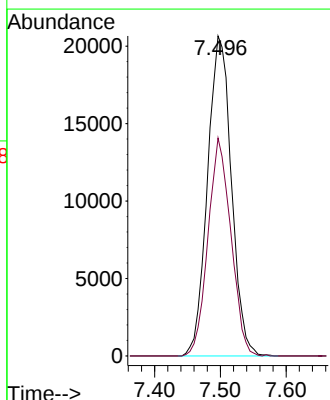
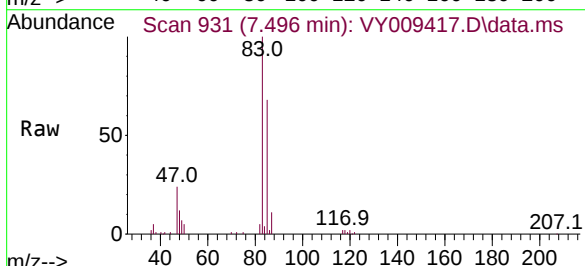
Acq: 01 Jul 2022 13:08

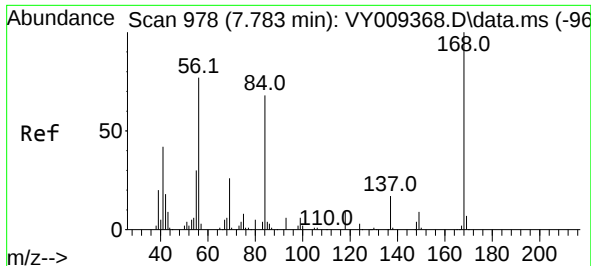
Tgt Ion: 83 Resp: 52211

Ion Ratio Lower Upper

83 100

85 68.1 51.8 77.6

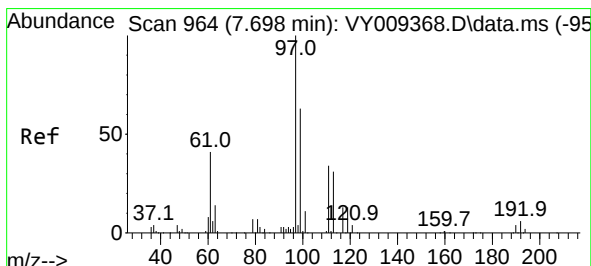
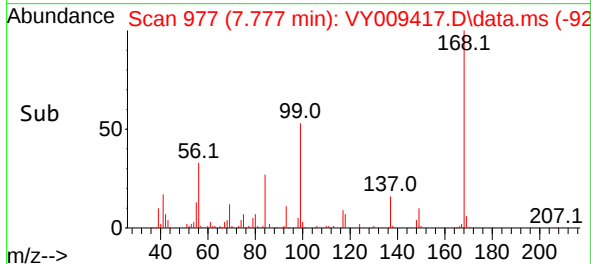
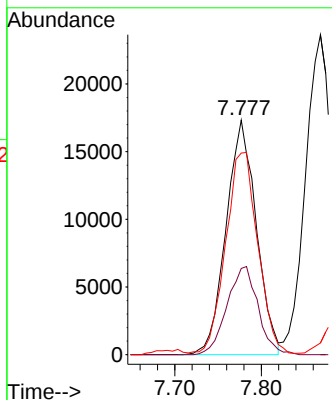
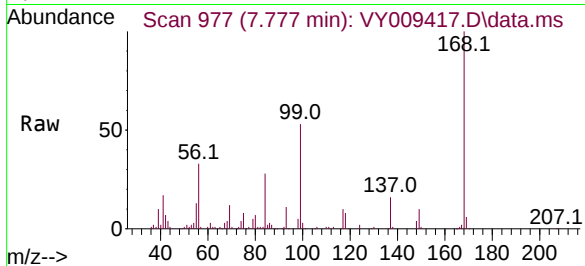




#31  
Cyclohexane  
Concen: 17.754 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

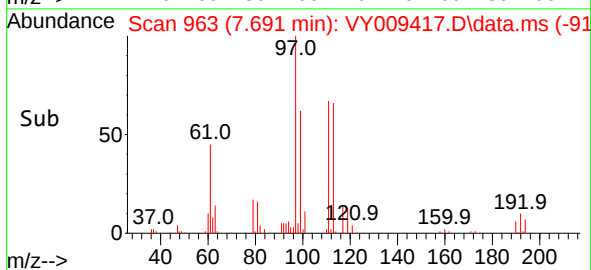
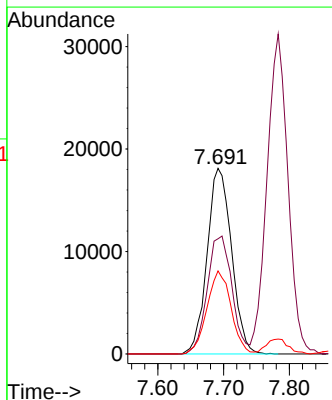
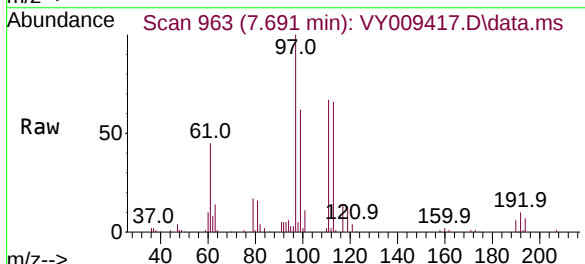
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

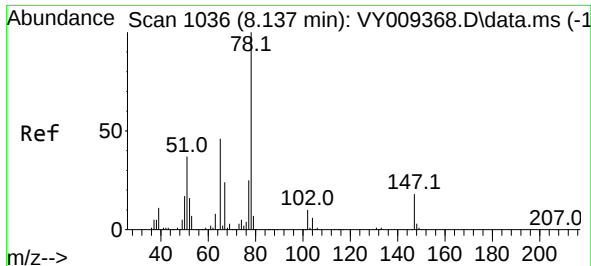
Tgt Ion: 56 Resp: 41948  
Ion Ratio Lower Upper  
56 100  
69 36.8 26.7 40.1  
84 83.7 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 19.869 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. -0.007 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 97 Resp: 46874  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.7 76.1  
61 44.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.064 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

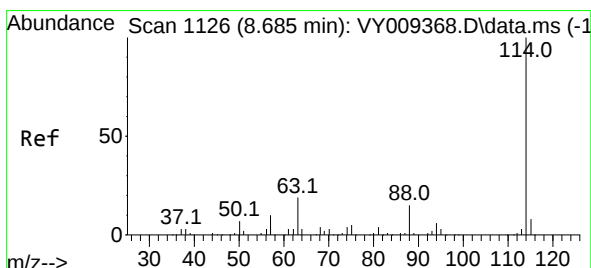
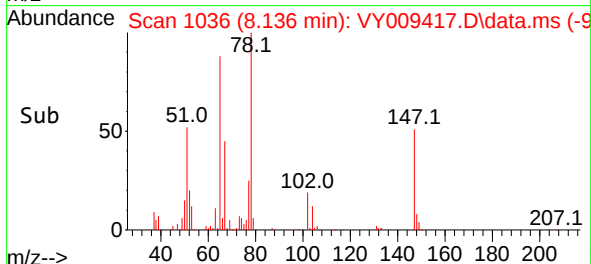
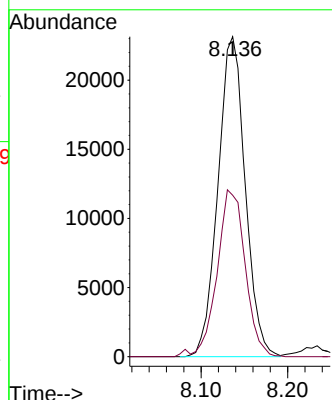
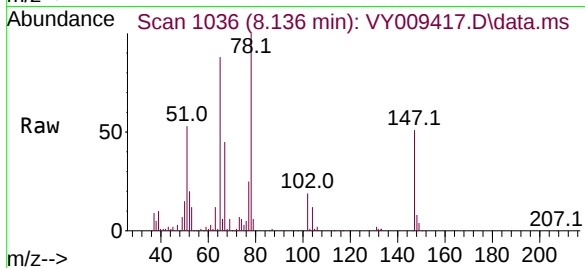
VY0701SBSD02

Tgt Ion: 65 Resp: 50490

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

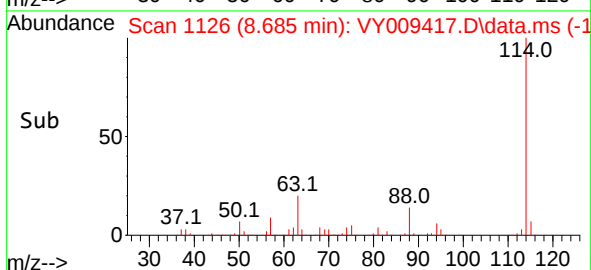
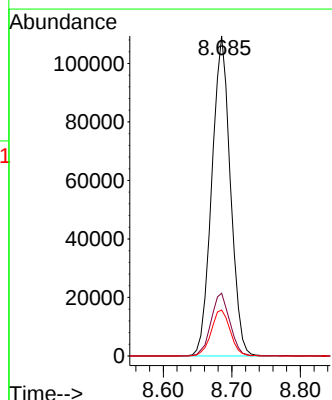
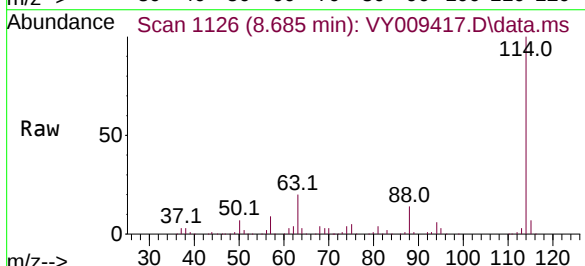
Tgt Ion: 114 Resp: 205452

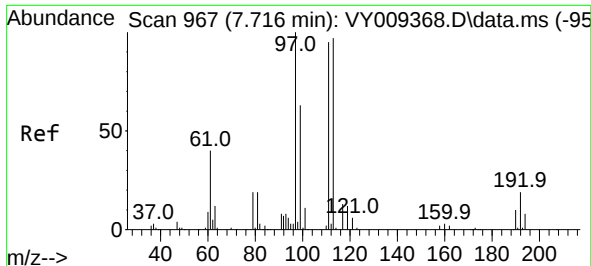
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.4 0.0 31.8

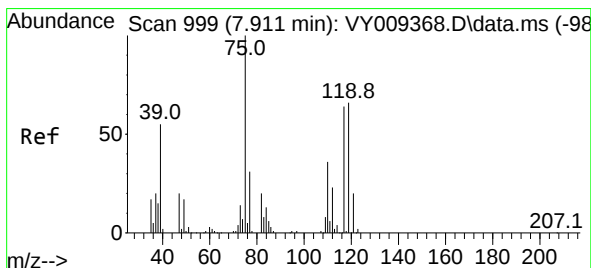
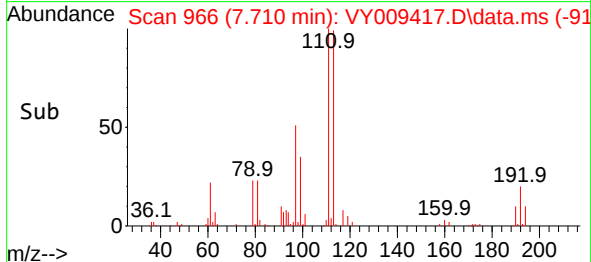
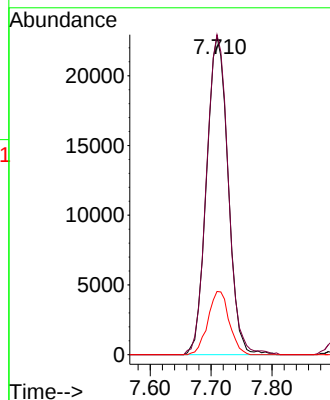
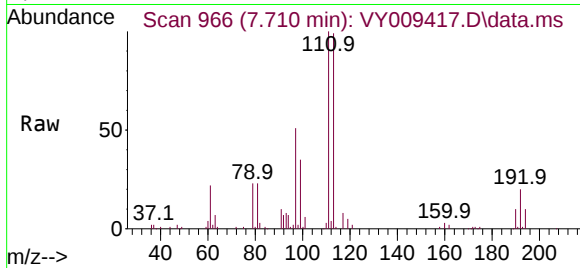




#35  
Dibromofluoromethane  
Concen: 49.505 ug/l  
RT: 7.710 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

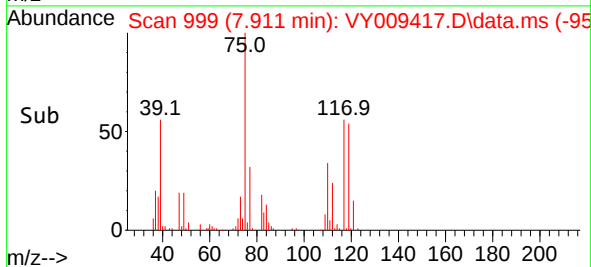
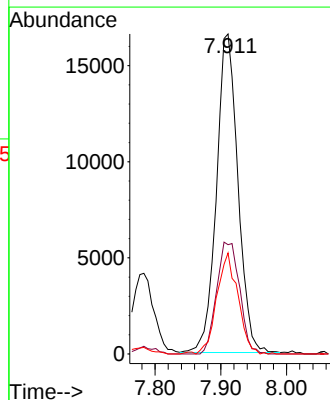
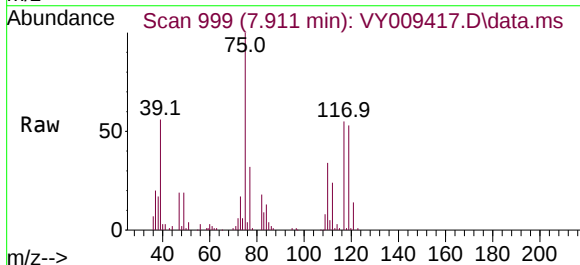
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

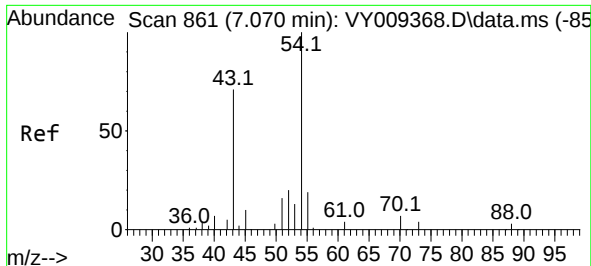
Tgt Ion:113 Resp: 55978  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.6 124.0  
192 19.6 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 19.066 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 75 Resp: 37695  
Ion Ratio Lower Upper  
75 100  
110 37.5 17.1 51.2  
77 31.4 24.4 36.6

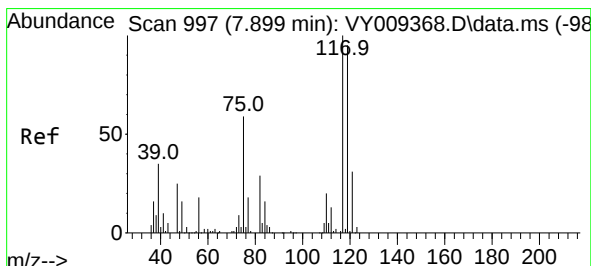
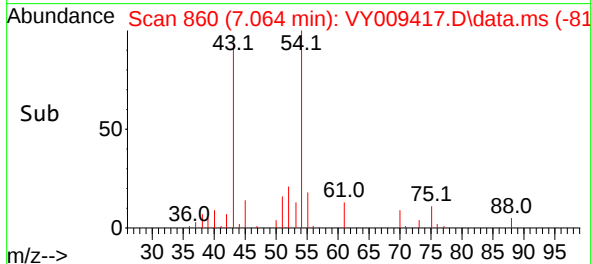
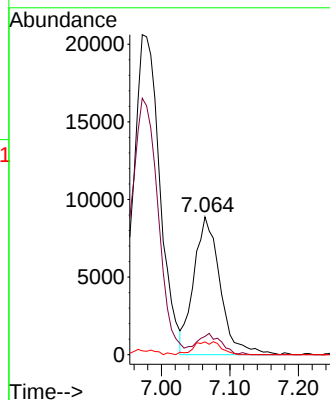
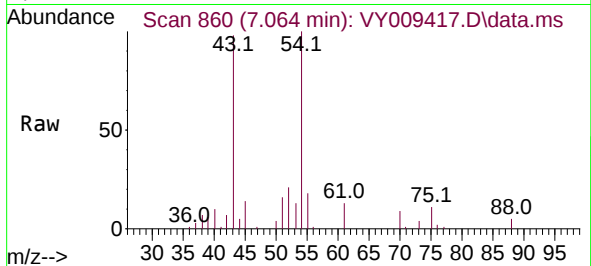




#37  
Ethyl Acetate  
Concen: 20.295 ug/l  
RT: 7.064 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

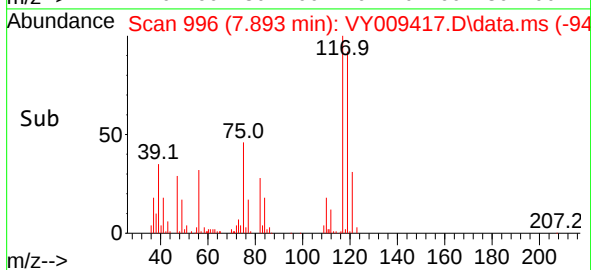
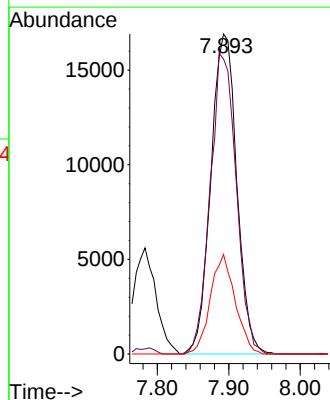
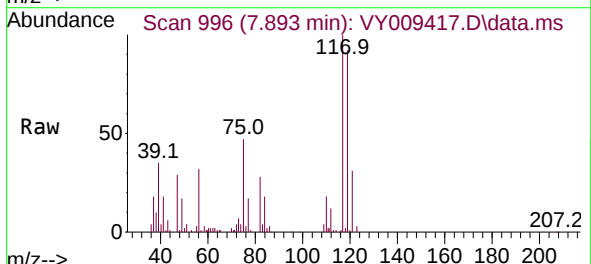
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

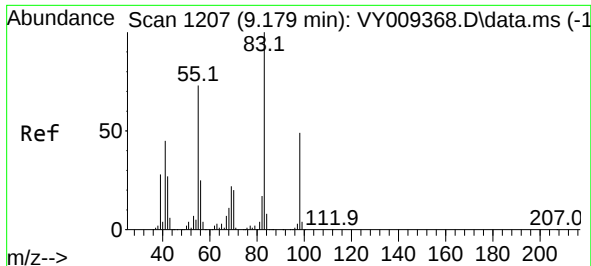
Tgt Ion: 43 Resp: 23796  
Ion Ratio Lower Upper  
43 100  
61 12.7 9.7 14.5  
70 9.6 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 20.644 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 117 Resp: 42662  
Ion Ratio Lower Upper  
117 100  
119 92.2 77.9 116.9  
121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 18.026 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

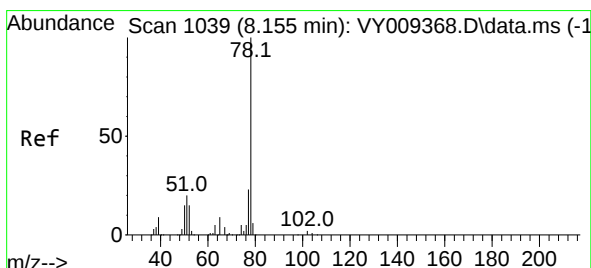
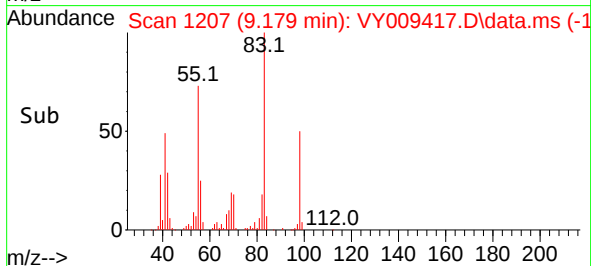
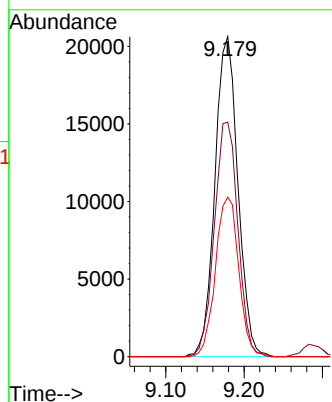
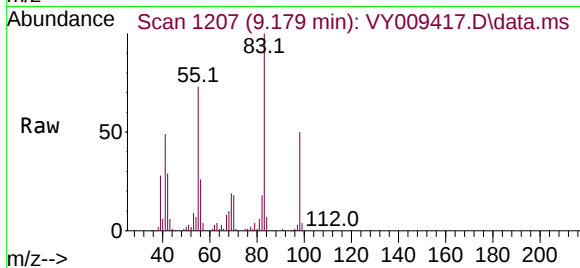
Tgt Ion: 83 Resp: 42181

Ion Ratio Lower Upper

83 100

55 73.3 66.5 99.7

98 49.9 37.9 56.9



#40

Benzene

Concen: 19.685 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009417.D

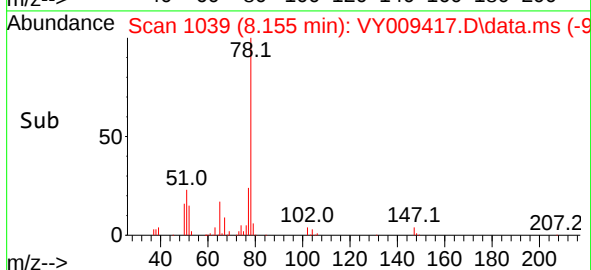
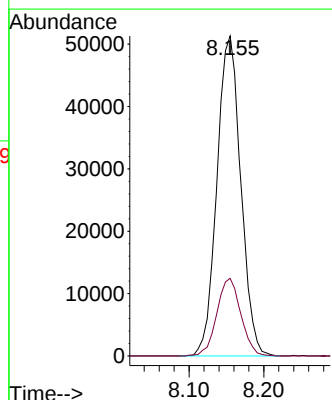
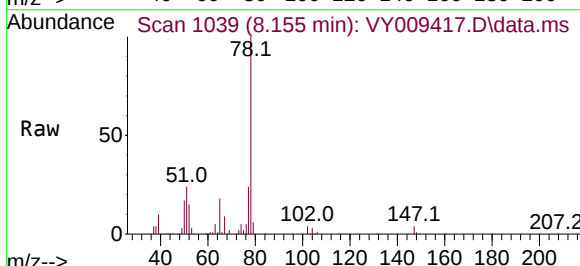
Acq: 01 Jul 2022 13:08

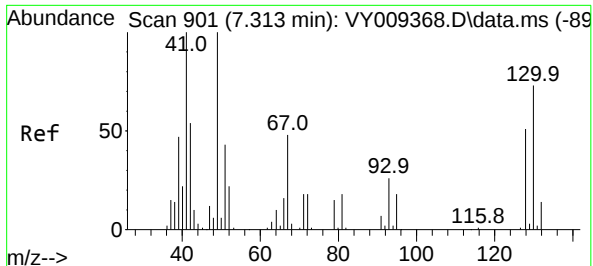
Tgt Ion: 78 Resp: 113816

Ion Ratio Lower Upper

78 100

77 24.2 20.4 30.6

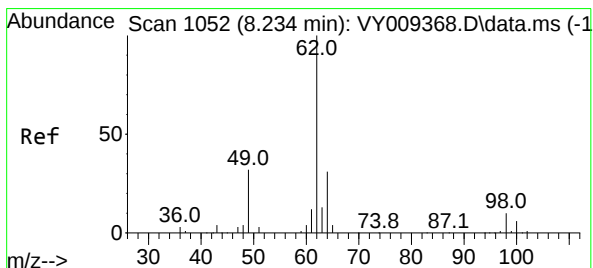
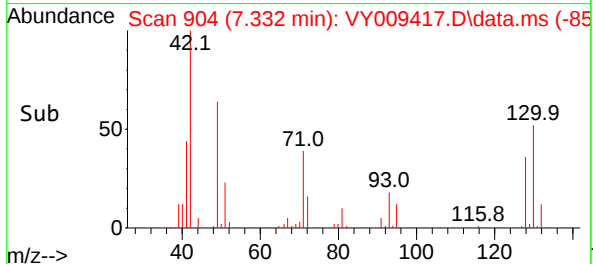
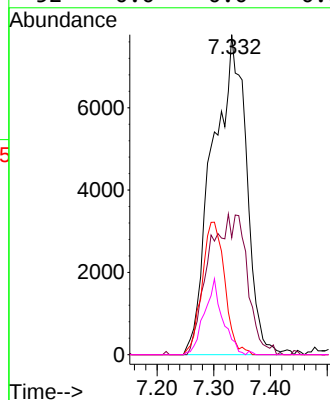
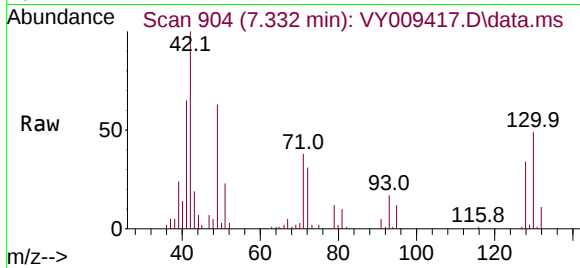




#41  
Methacrylonitrile  
Concen: 48.753 ug/l  
RT: 7.332 min Scan# 901  
Delta R.T. 0.031 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

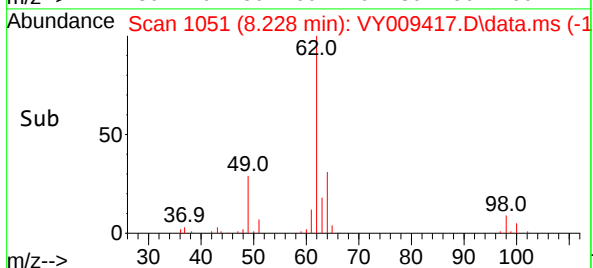
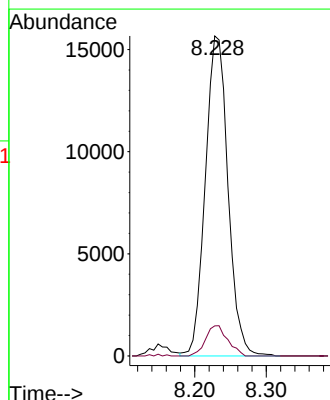
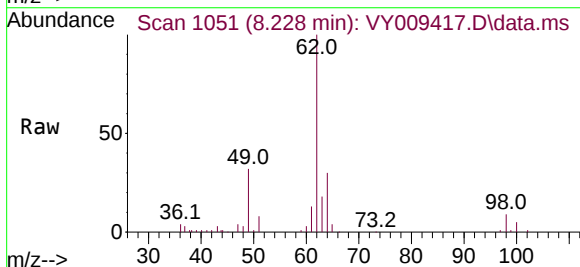
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBS02

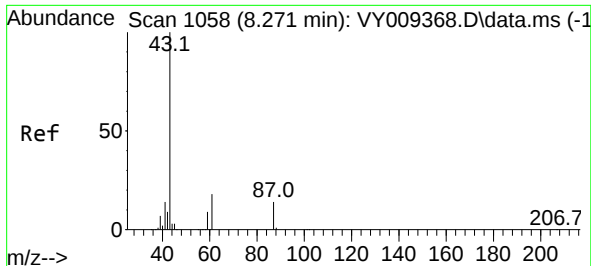
Tgt Ion: 41 Resp: 32294  
Ion Ratio Lower Upper  
41 100  
39 50.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 20.792 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 62 Resp: 34485  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 14.8

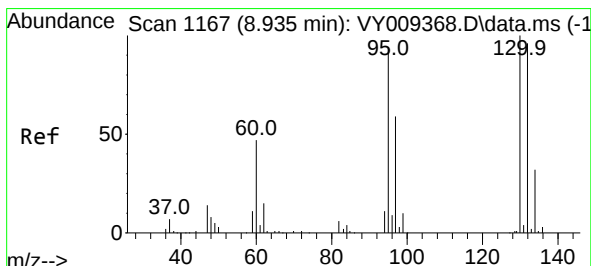
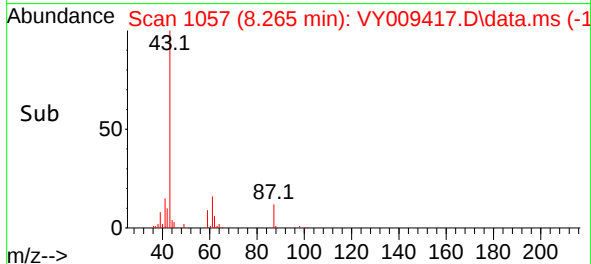
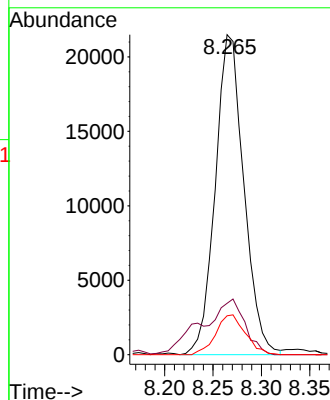
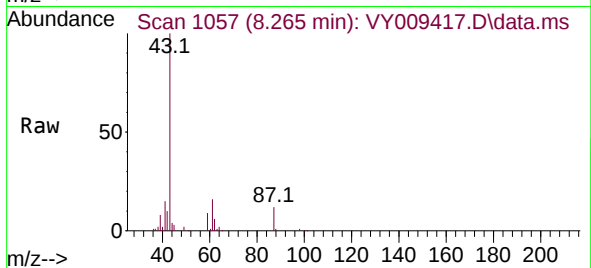




#43  
Isopropyl Acetate  
Concen: 20.485 ug/l  
RT: 8.265 min Scan# 1105  
Delta R.T. -0.007 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

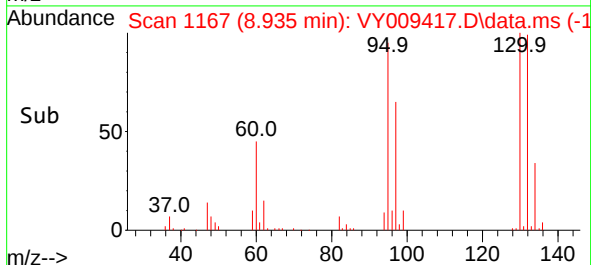
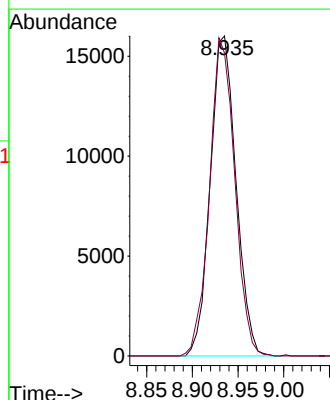
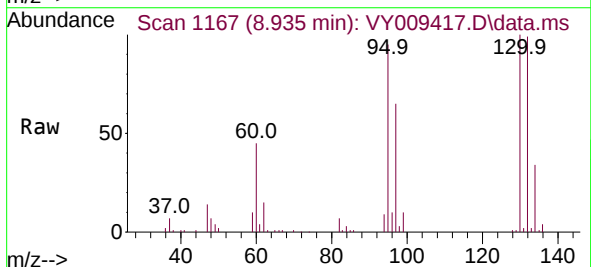
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBS02

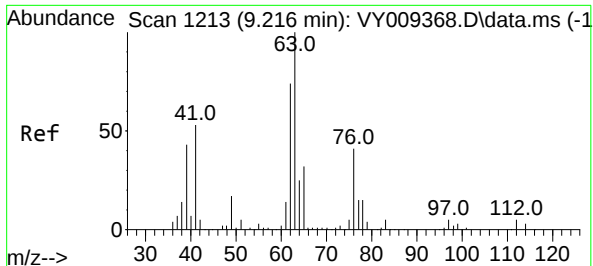
Tgt Ion: 43 Resp: 44097  
Ion Ratio Lower Upper  
43 100  
61 18.3 20.2 30.2#  
87 13.0 8.9 13.3



#44  
Trichloroethene  
Concen: 19.544 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion:130 Resp: 31398  
Ion Ratio Lower Upper  
130 100  
95 94.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.606 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

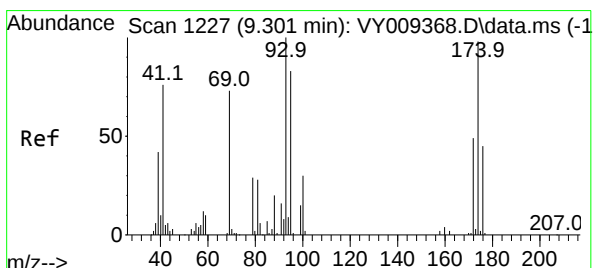
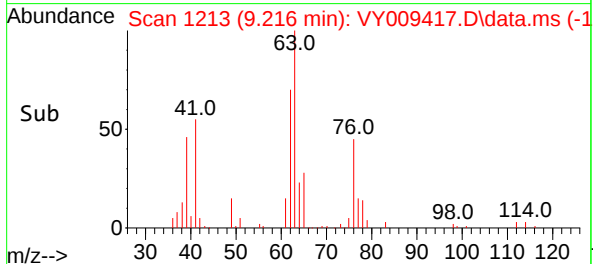
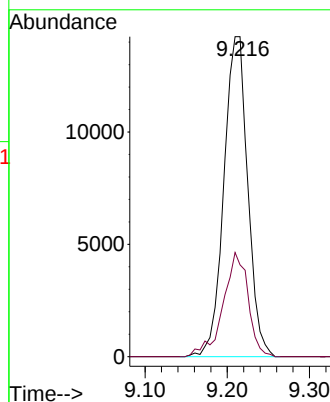
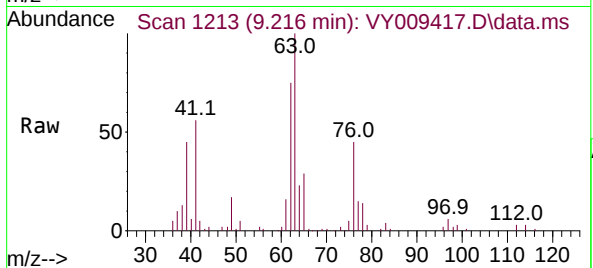
VY0701SBSD02

Tgt Ion: 63 Resp: 28715

Ion Ratio Lower Upper

63 100

65 28.7 23.0 34.6



#46

Dibromomethane

Concen: 19.580 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

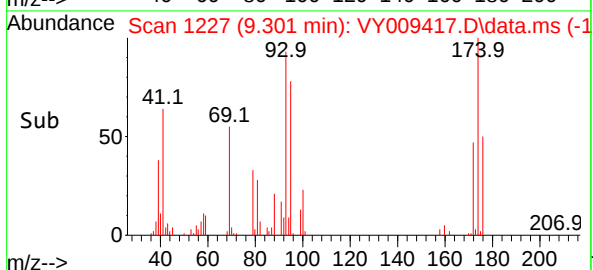
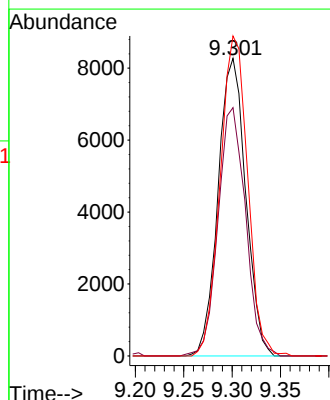
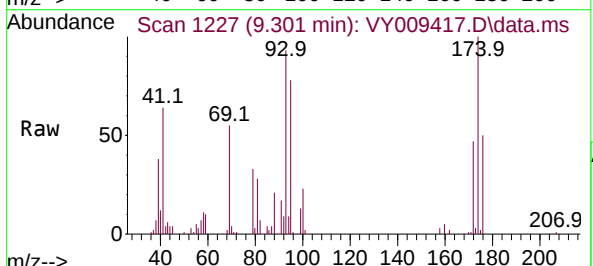
Tgt Ion: 93 Resp: 16428

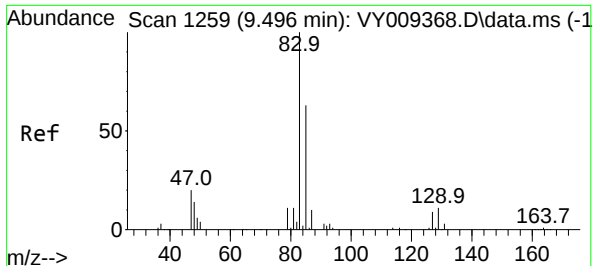
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 107.0 83.4 125.0

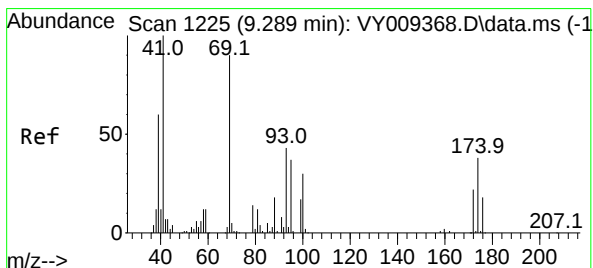
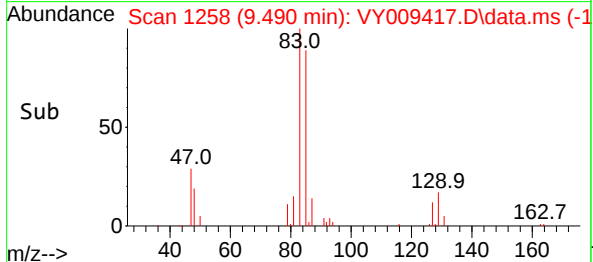
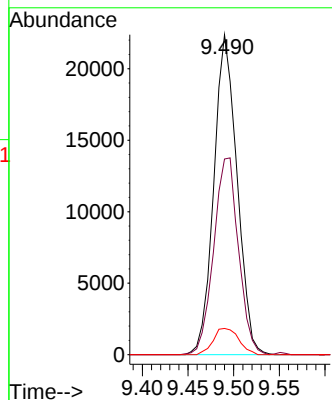
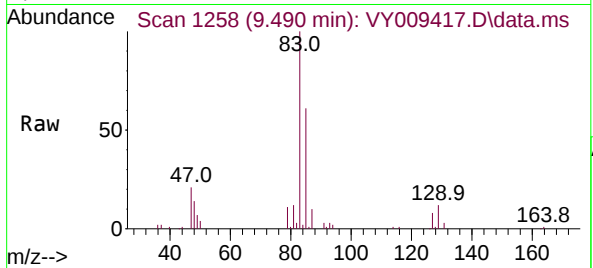




#47  
Bromodichloromethane  
Concen: 19.901 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

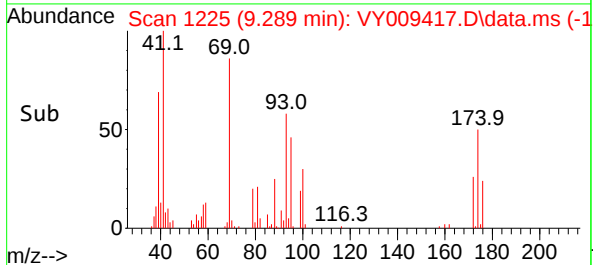
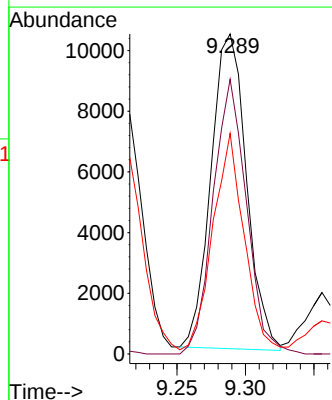
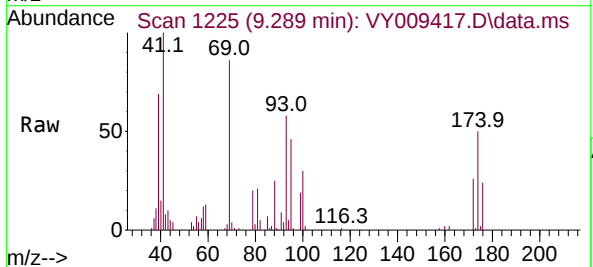
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

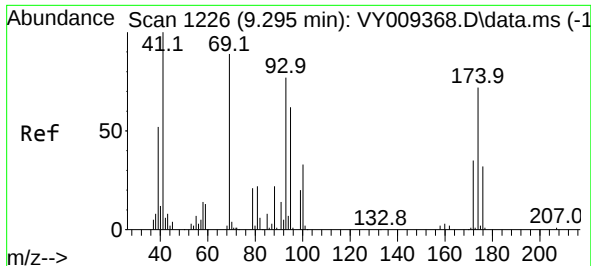
Tgt Ion: 83 Resp: 39542  
Ion Ratio Lower Upper  
83 100  
85 61.2 51.9 77.9  
127 8.2 6.6 10.0



#48  
Methyl methacrylate  
Concen: 20.153 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 41 Resp: 18702  
Ion Ratio Lower Upper  
41 100  
69 82.0 58.2 87.2  
39 60.6 47.4 71.0





#49

1,4-Dioxane

Concen: 445.549 ug/l

RT: 9.289 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

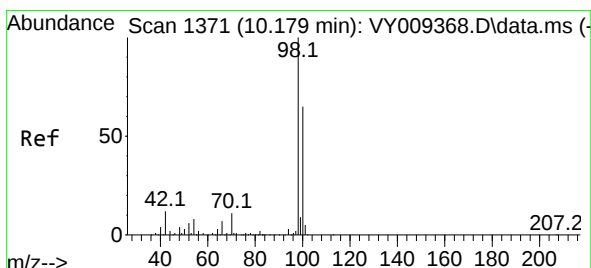
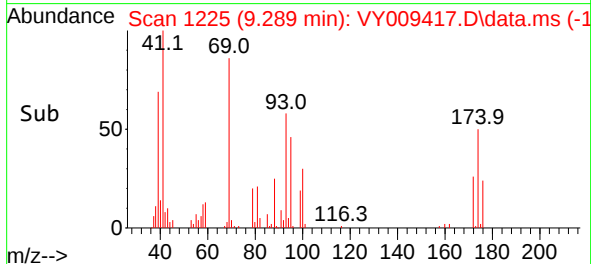
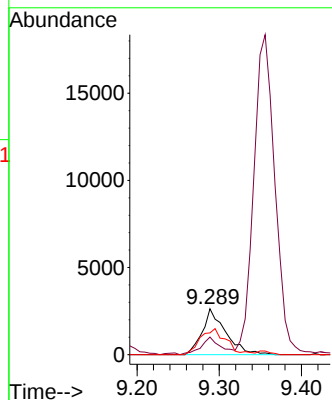
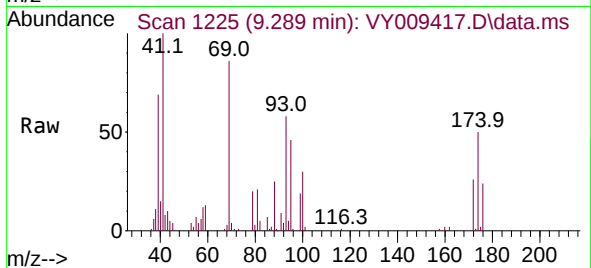
Tgt Ion: 88 Resp: 5211

Ion Ratio Lower Upper

88 100

43 32.4 32.8 49.2#

58 63.1 59.8 89.6



#50

Toluene-d8

Concen: 48.253 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009417.D

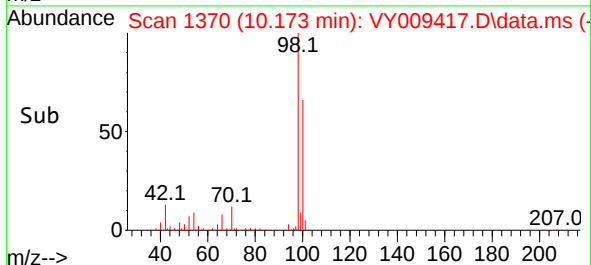
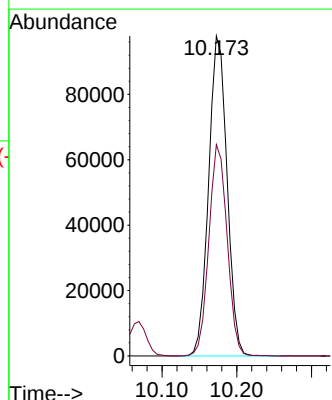
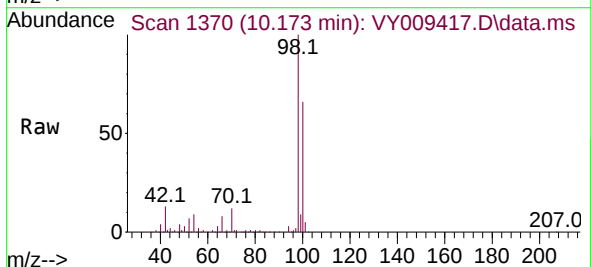
Acq: 01 Jul 2022 13:08

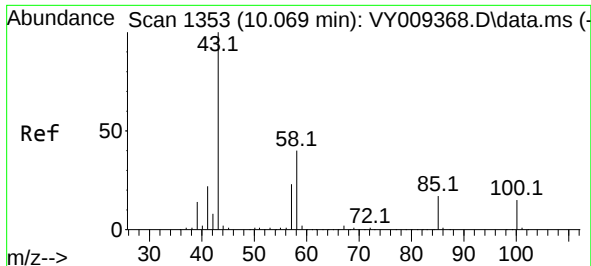
Tgt Ion: 98 Resp: 167287

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

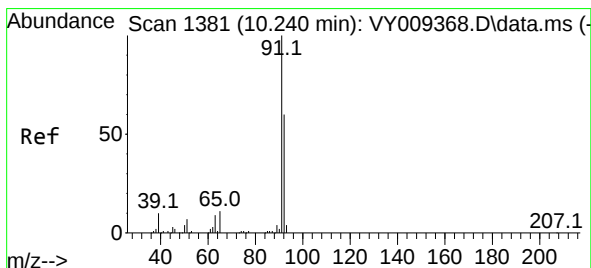
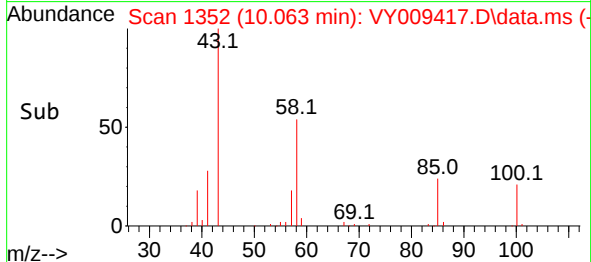
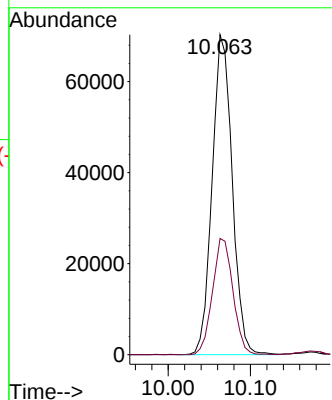
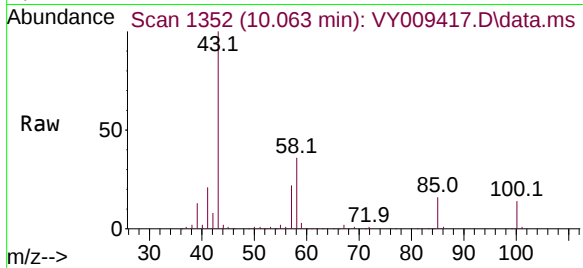




#51  
4-Methyl-2-Pentanone  
Concen: 107.439 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

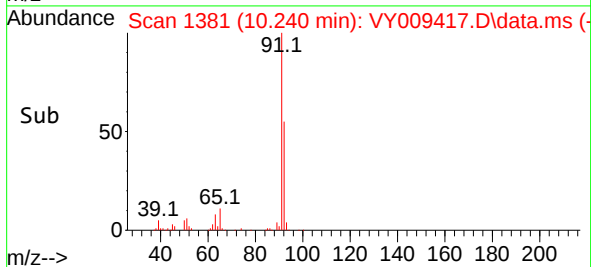
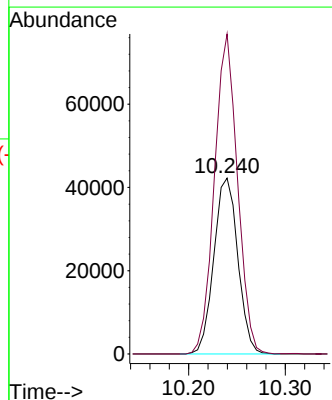
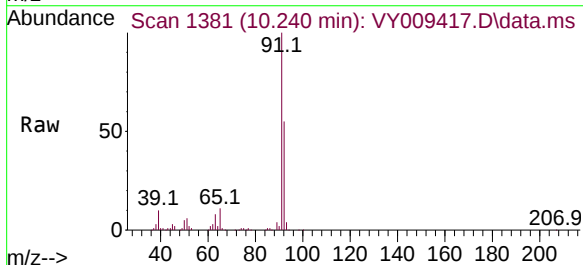
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

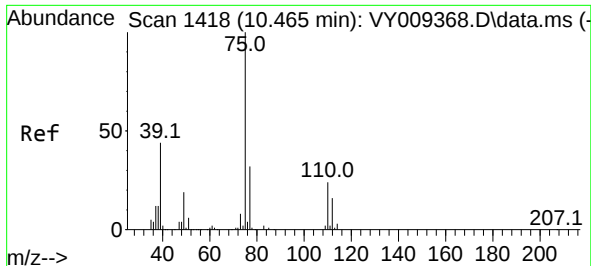
Tgt Ion: 43 Resp: 119248  
Ion Ratio Lower Upper  
43 100  
58 37.0 28.1 42.1



#52  
Toluene  
Concen: 19.927 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 92 Resp: 72691  
Ion Ratio Lower Upper  
92 100  
91 175.1 142.6 213.8

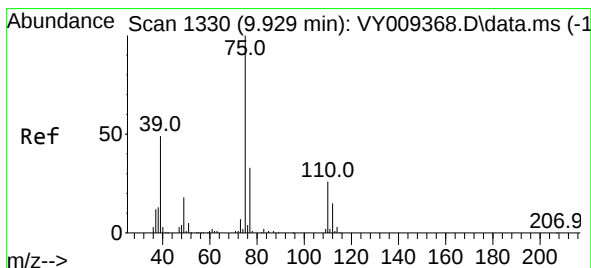
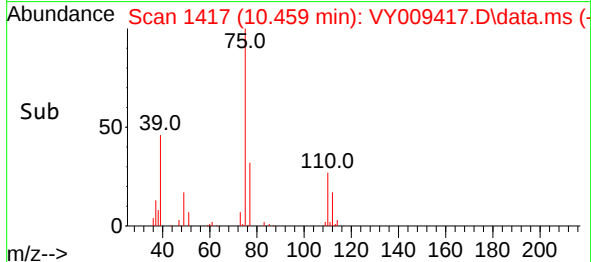
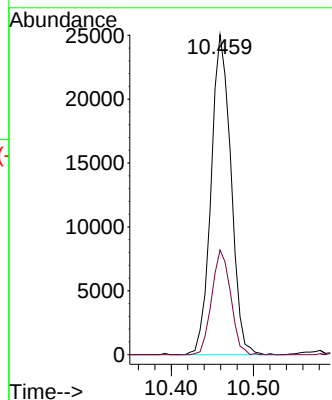
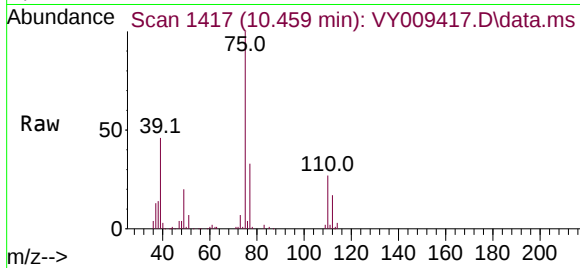




#53  
t-1,3-Dichloropropene  
Concen: 21.124 ug/l  
RT: 10.459 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

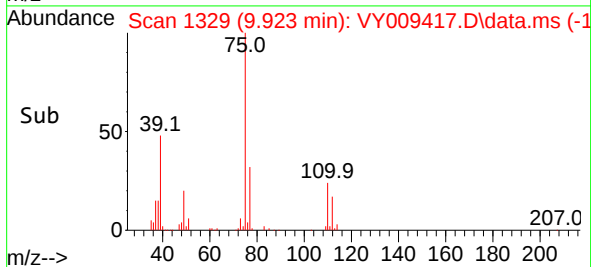
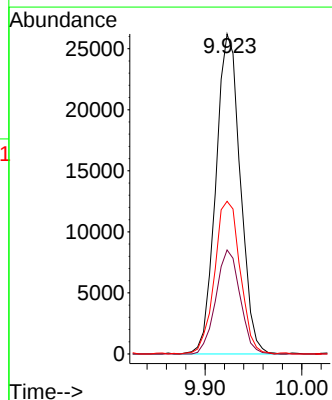
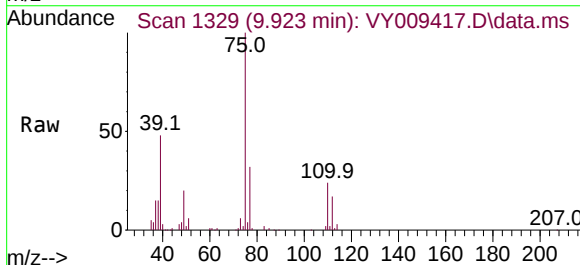
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

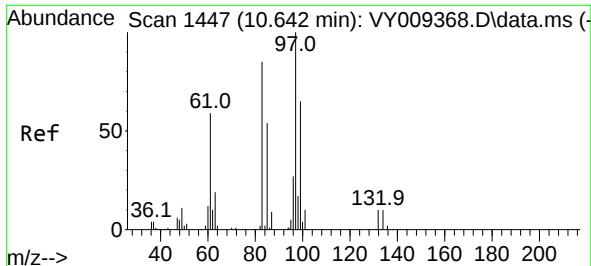
Tgt Ion: 75 Resp: 41987  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 19.382 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 75 Resp: 45997  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.6 38.4  
39 47.7 47.6 71.4

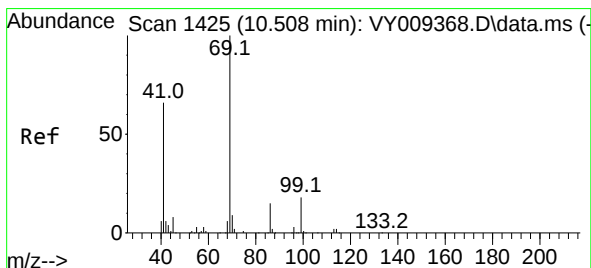
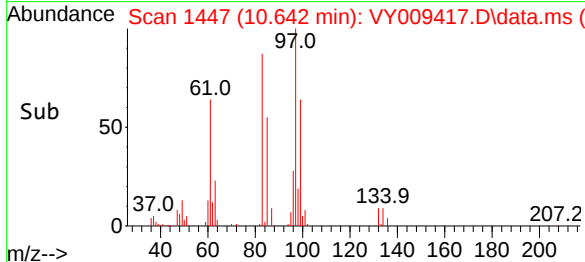
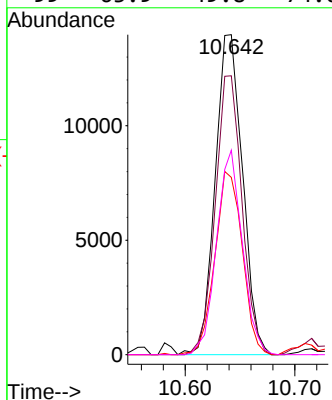
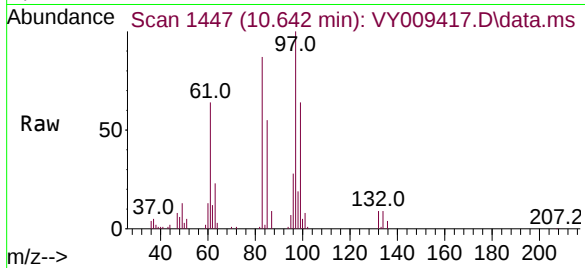




#55  
1,1,2-Trichloroethane  
Concen: 21.716 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

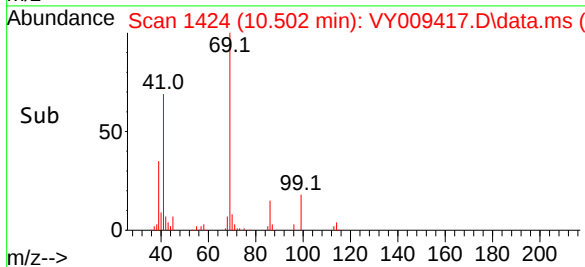
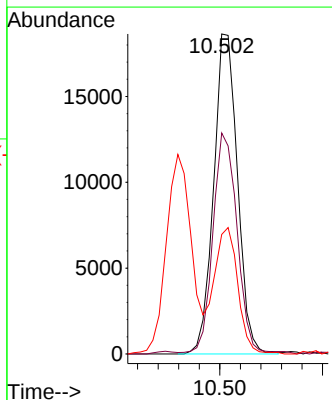
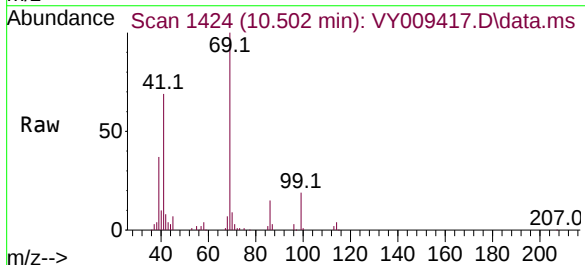
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

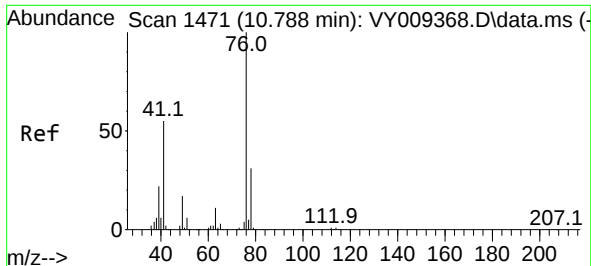
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 24241 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.2     | 69.8 104.8  |
| 85 55.4     | 44.3 66.5   |
| 99 63.9     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 21.041 ug/l  
RT: 10.502 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 29980 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 70.5     | 63.4 95.0   |
| 39 39.5     | 35.8 53.8   |





#57

1,3-Dichloropropane

Concen: 20.384 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

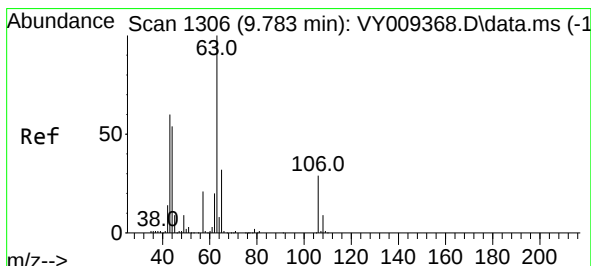
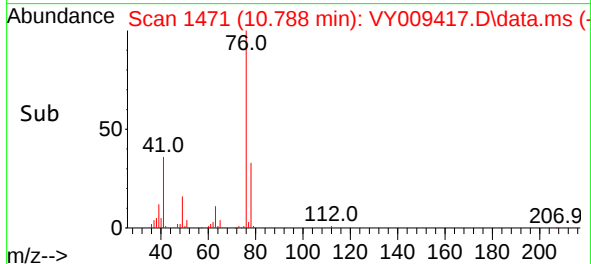
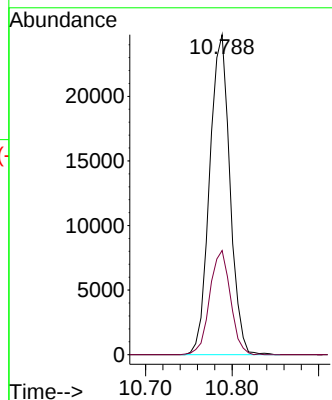
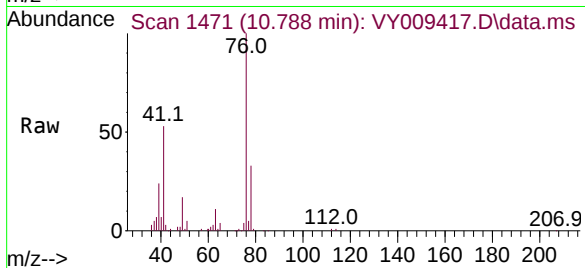
VY0701SBSD02

Tgt Ion: 76 Resp: 40309

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 93.673 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009417.D

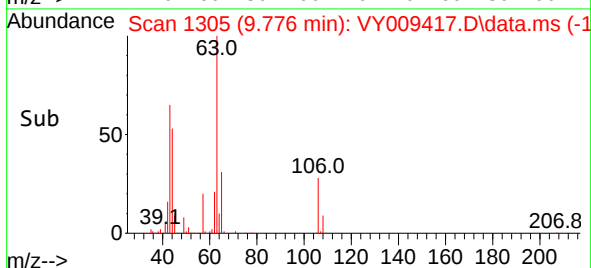
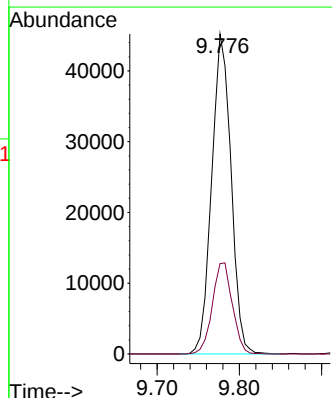
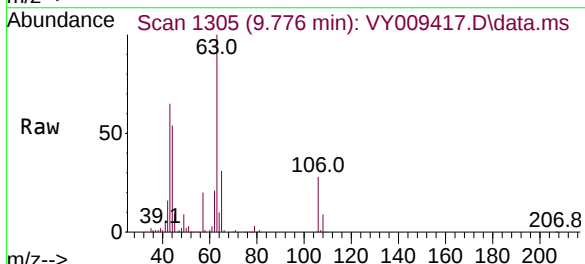
Acq: 01 Jul 2022 13:08

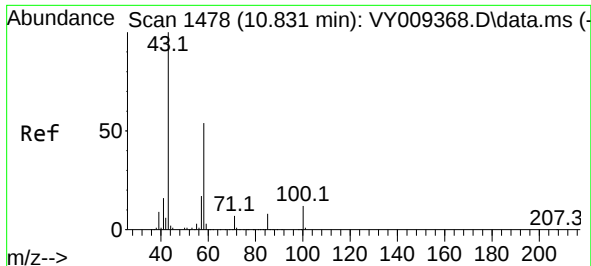
Tgt Ion: 63 Resp: 73899

Ion Ratio Lower Upper

63 100

106 29.4 21.5 32.3





#59

2-Hexanone

Concen: 107.040 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

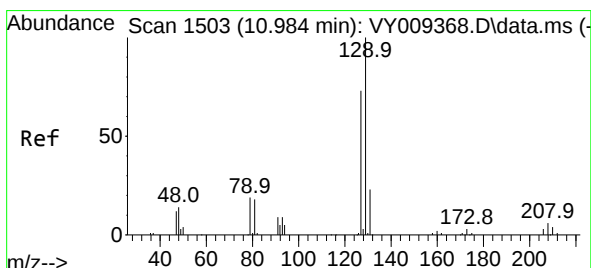
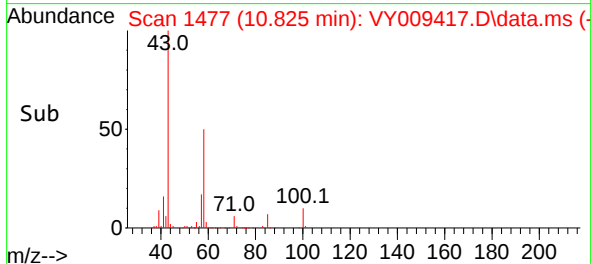
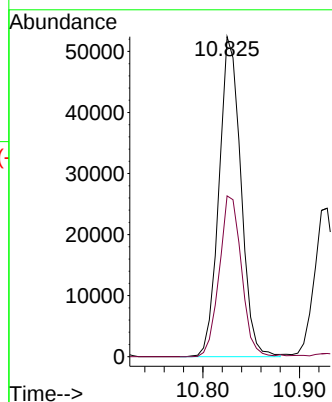
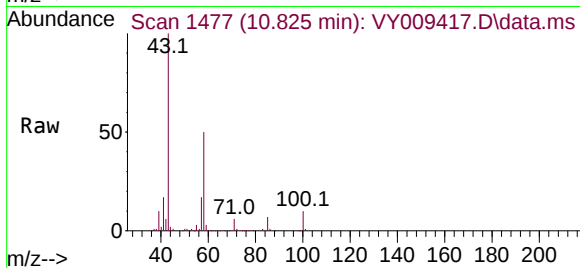
VY0701SBSD02

Tgt Ion: 43 Resp: 82069

Ion Ratio Lower Upper

43 100

58 50.9 24.4 73.4



#60

Dibromochloromethane

Concen: 20.250 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY009417.D

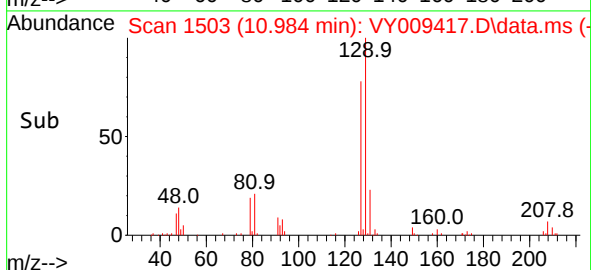
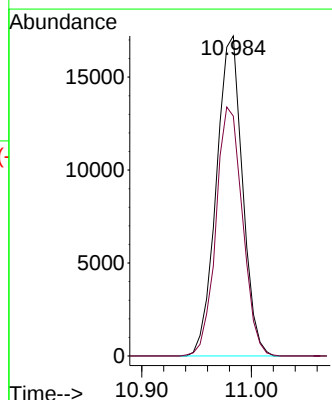
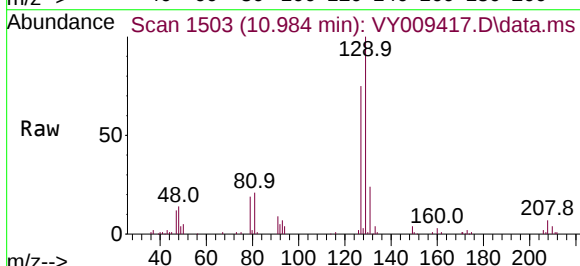
Acq: 01 Jul 2022 13:08

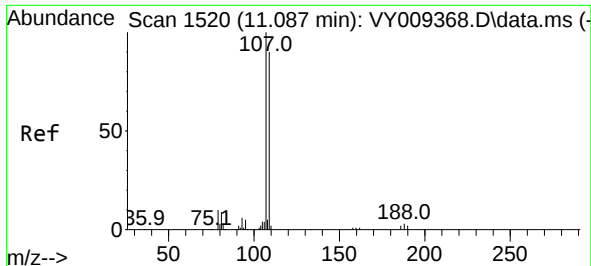
Tgt Ion: 129 Resp: 28607

Ion Ratio Lower Upper

129 100

127 79.0 38.7 116.1

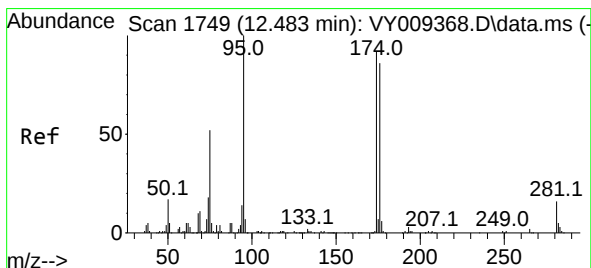
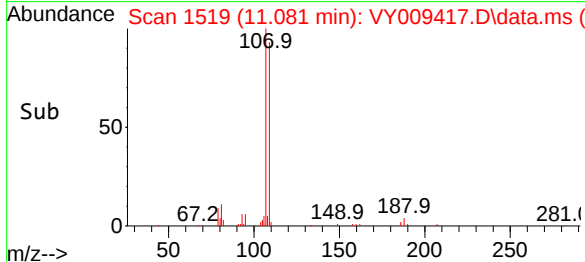
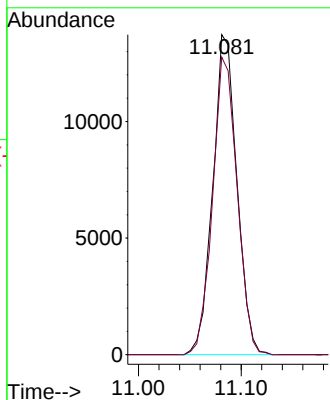
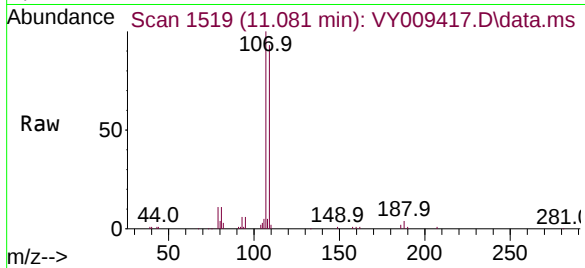




#61  
1,2-Dibromoethane  
Concen: 19.919 ug/l  
RT: 11.081 min Scan# 1519  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

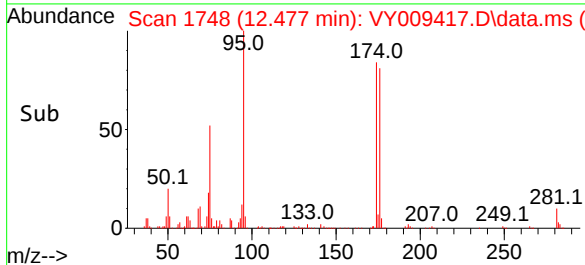
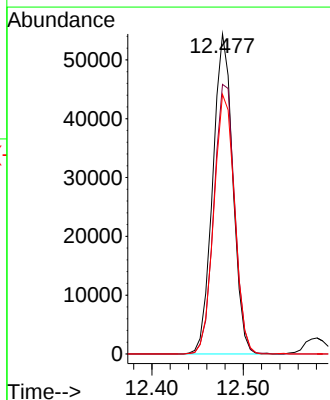
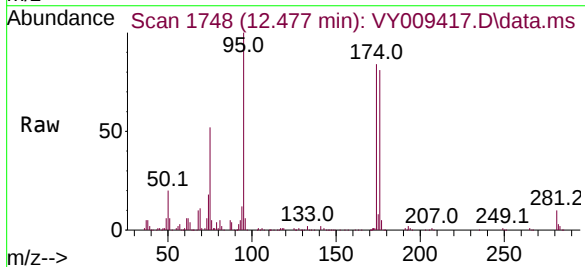
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

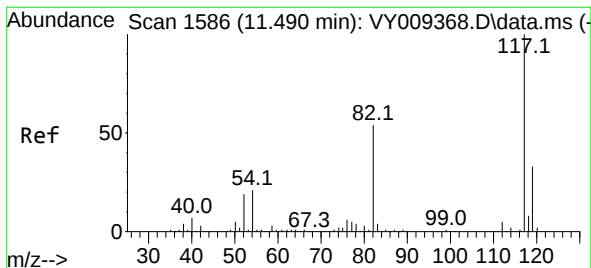
Tgt Ion:107 Resp: 22323  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 50.424 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 95 Resp: 82909  
Ion Ratio Lower Upper  
95 100  
174 87.3 0.0 177.0  
176 84.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

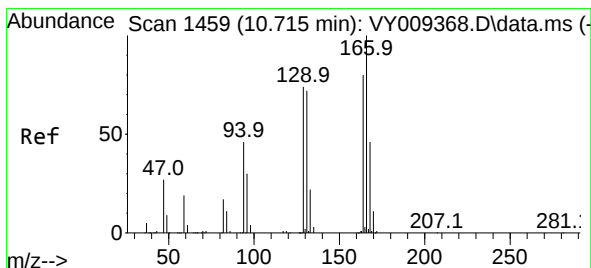
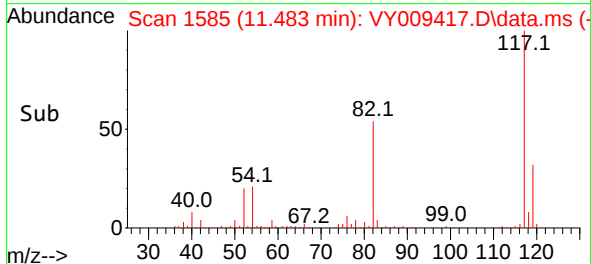
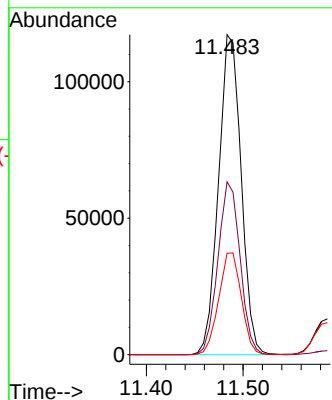
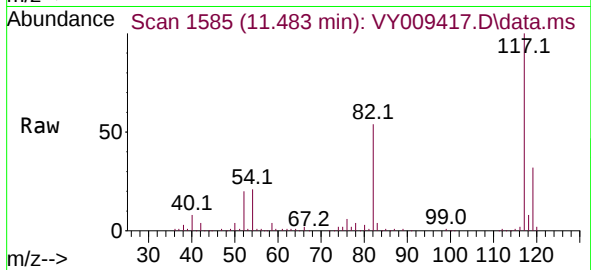
Tgt Ion:117 Resp: 190189

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 19.817 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Tgt Ion:164 Resp: 35089

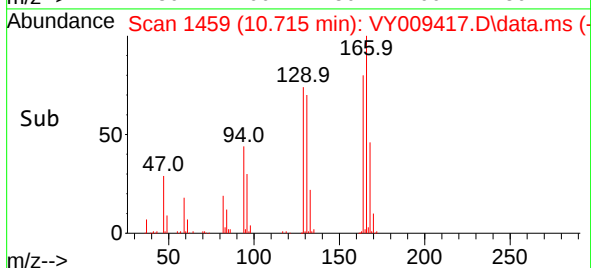
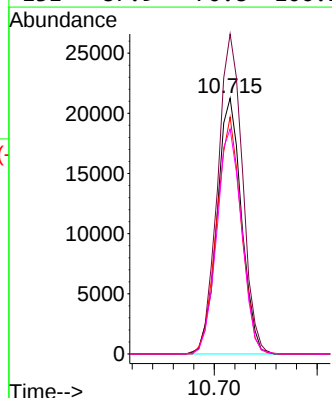
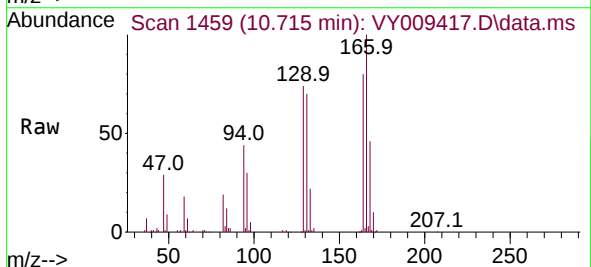
Ion Ratio Lower Upper

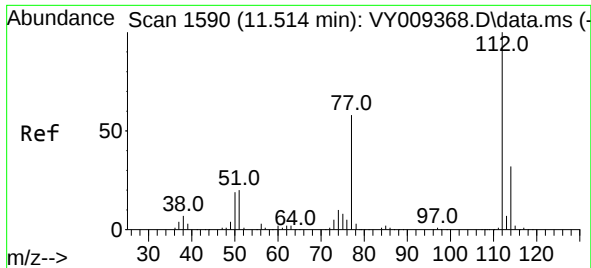
164 100

166 125.0 100.4 150.6

129 92.6 71.4 107.0

131 87.9 70.8 106.2

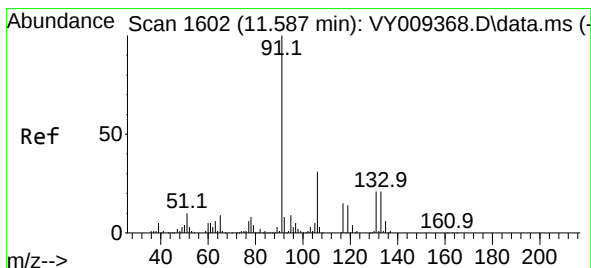
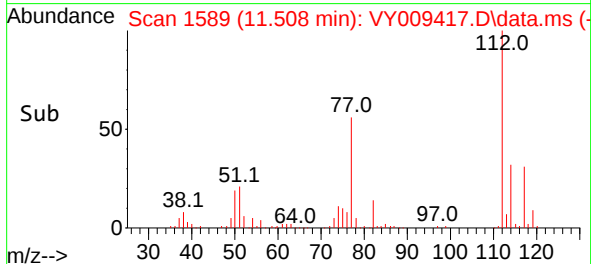
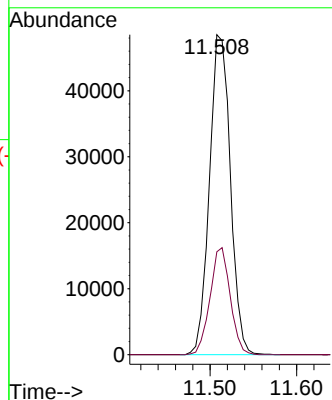
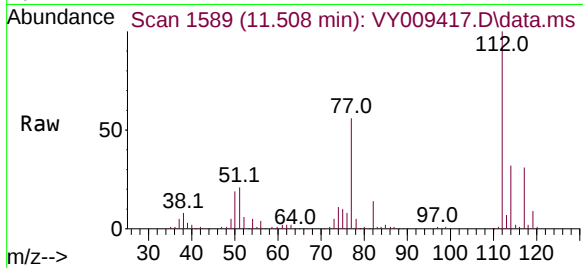




#65  
Chlorobenzene  
Concen: 19.985 ug/l  
RT: 11.508 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

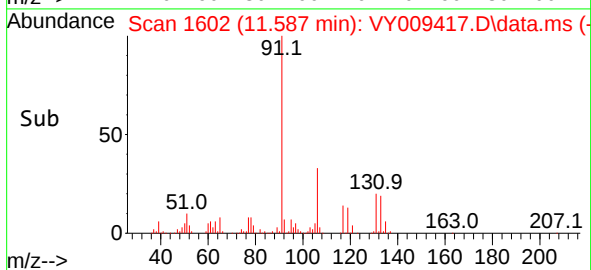
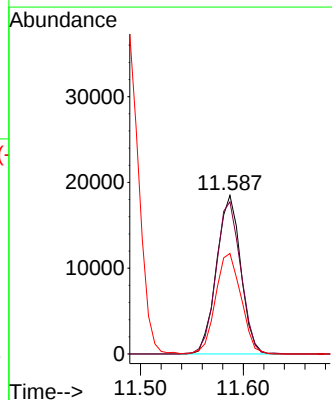
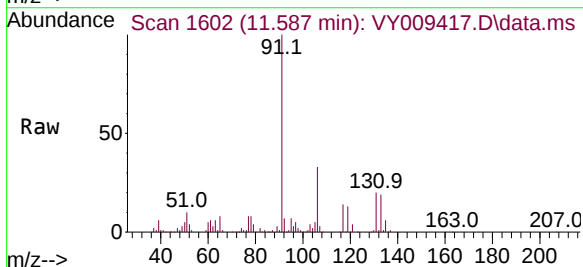
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

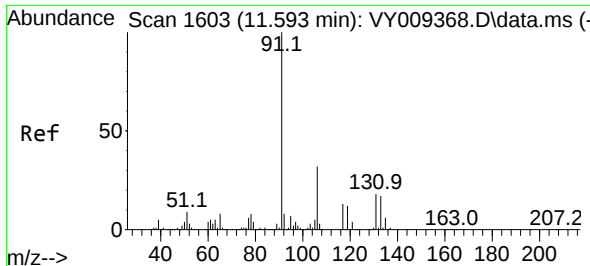
Tgt Ion:112 Resp: 81330  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.189 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion:131 Resp: 30136  
Ion Ratio Lower Upper  
131 100  
133 98.1 47.9 143.6  
119 66.7 30.8 92.3





#67

Ethyl Benzene

Concen: 19.940 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

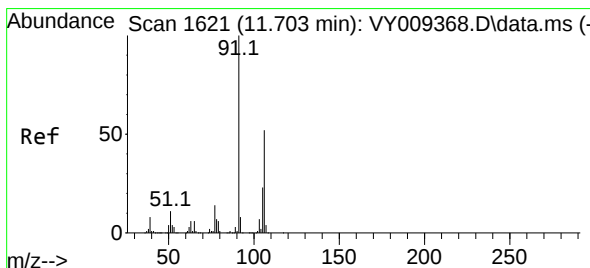
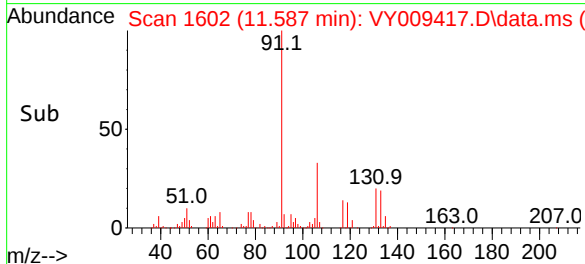
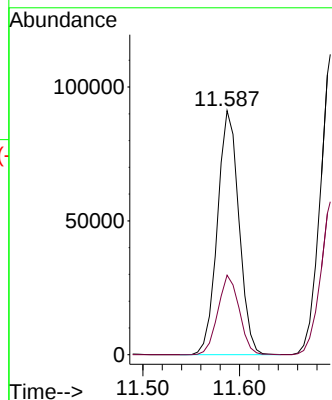
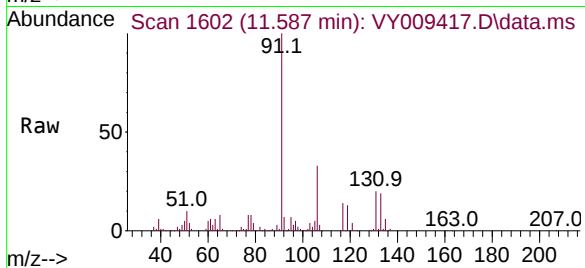
VY0701SBSD02

Tgt Ion: 91 Resp: 140770

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 39.804 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009417.D

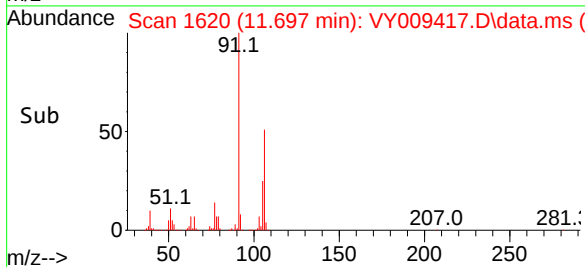
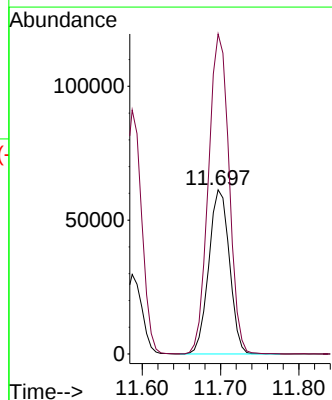
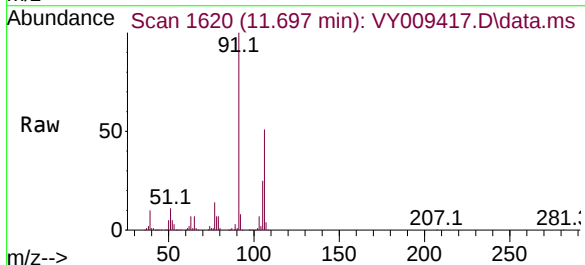
Acq: 01 Jul 2022 13:08

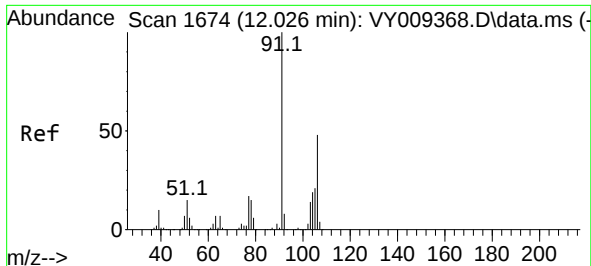
Tgt Ion:106 Resp: 112363

Ion Ratio Lower Upper

106 100

91 194.8 166.6 249.8

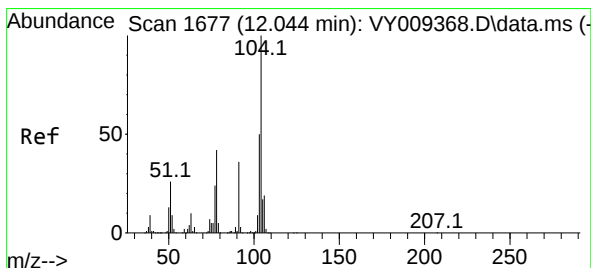
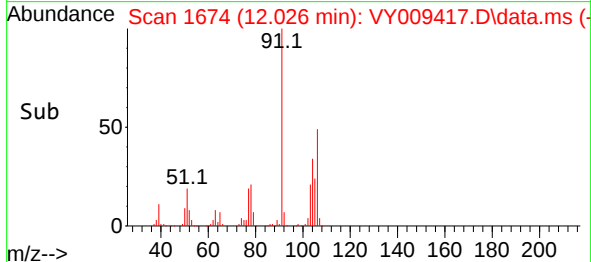
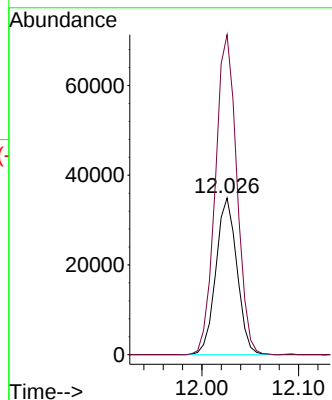
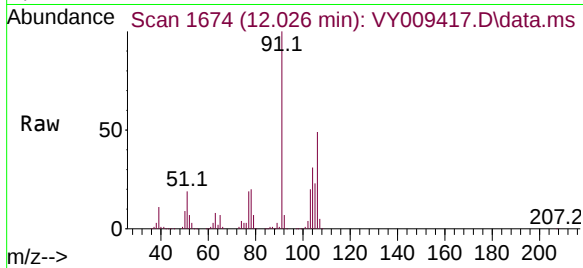




#69  
o-Xylene  
Concen: 19.835 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

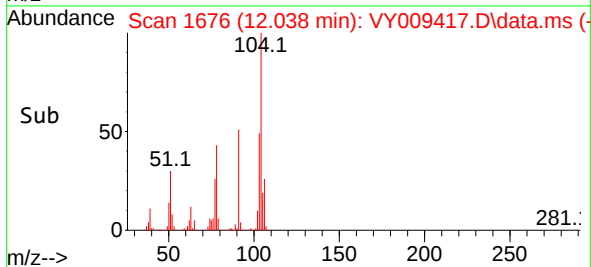
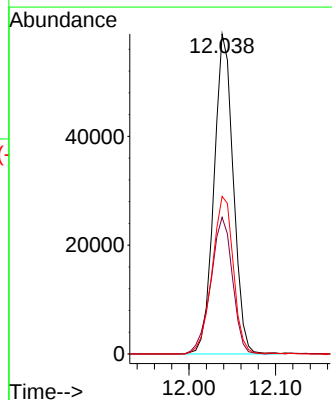
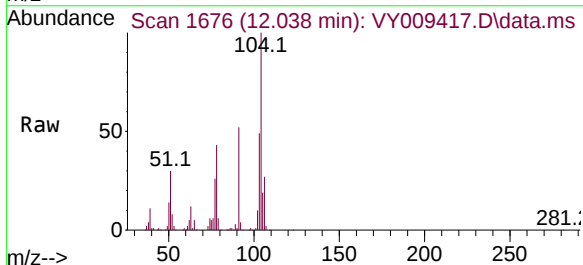
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

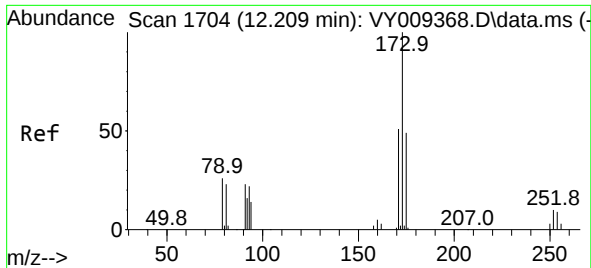
Tgt Ion:106 Resp: 52840  
Ion Ratio Lower Upper  
106 100  
91 208.2 110.3 331.0



#70  
Styrene  
Concen: 20.676 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion:104 Resp: 91260  
Ion Ratio Lower Upper  
104 100  
78 47.7 42.4 63.6  
103 54.2 44.4 66.6

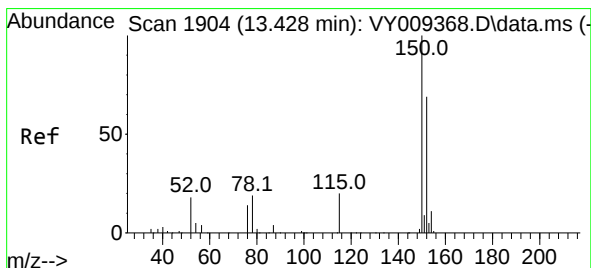
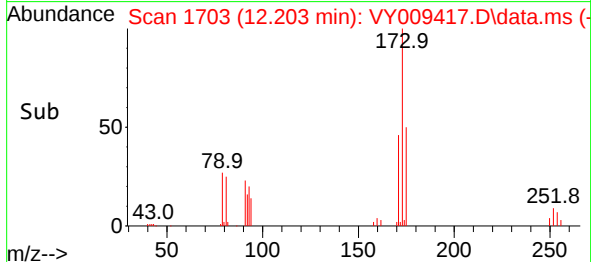
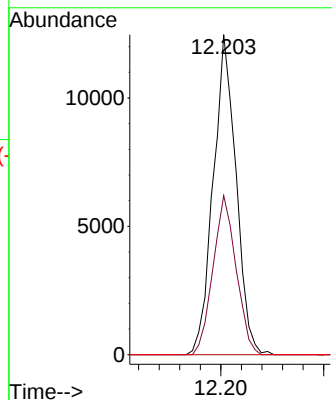
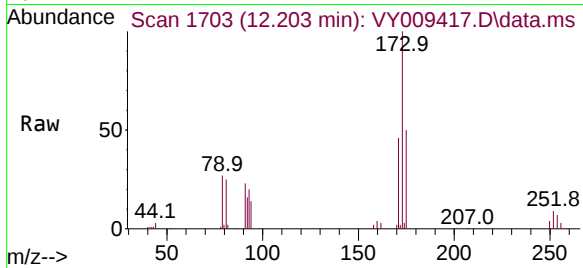




#71  
Bromoform  
Concen: 20.396 ug/l  
RT: 12.203 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

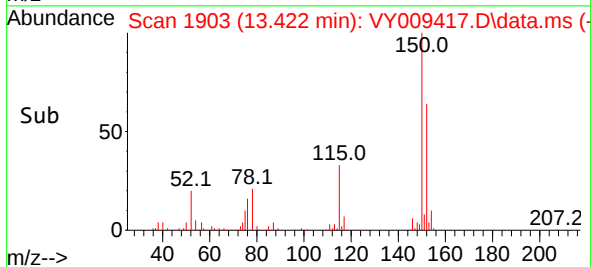
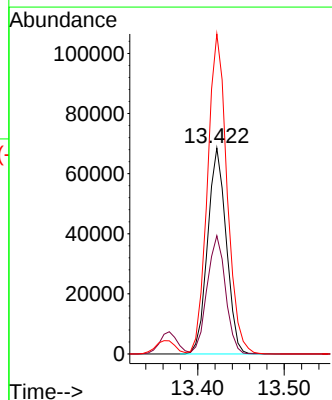
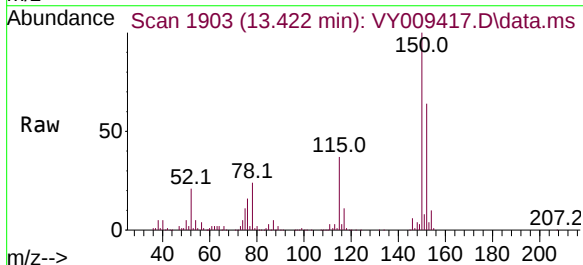
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

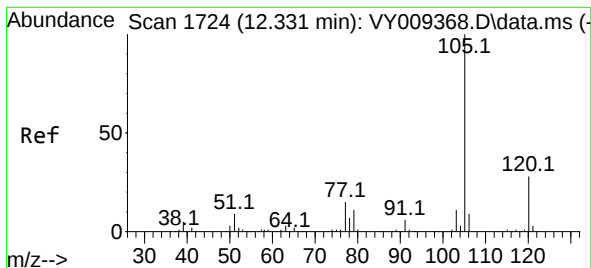
Tgt Ion:173 Resp: 19130  
Ion Ratio Lower Upper  
173 100  
175 50.4 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion:152 Resp: 102196  
Ion Ratio Lower Upper  
152 100  
115 56.8 28.2 84.7  
150 163.3 0.0 347.6





#73

Isopropylbenzene

Concen: 18.751 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

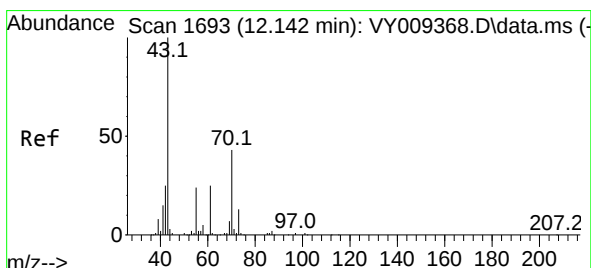
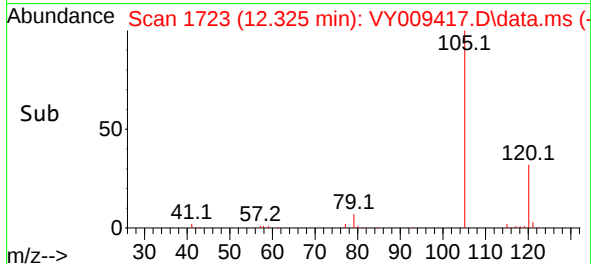
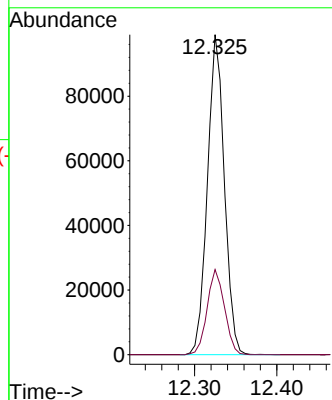
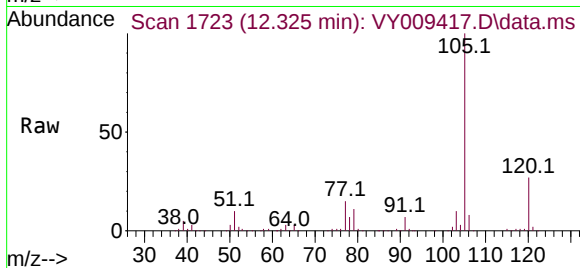
VY0701SBSD02

Tgt Ion:105 Resp: 141542

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 20.881 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Tgt Ion: 43 Resp: 41344

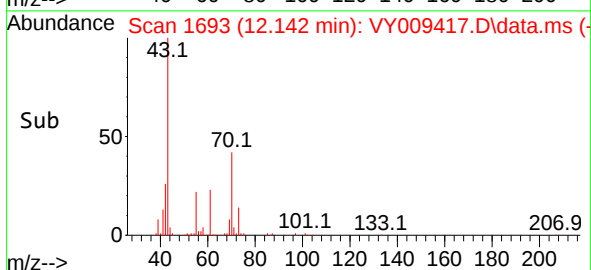
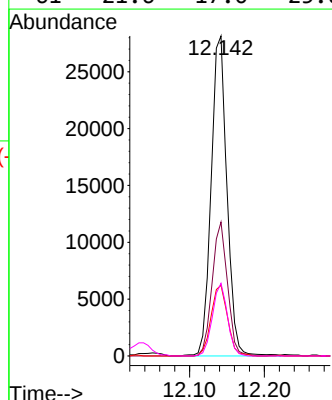
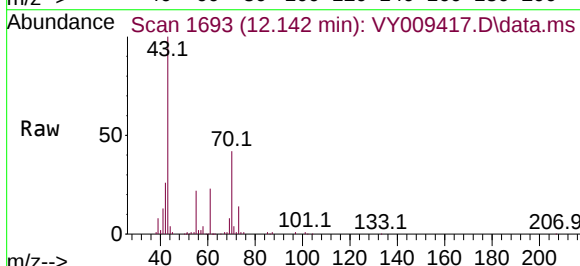
Ion Ratio Lower Upper

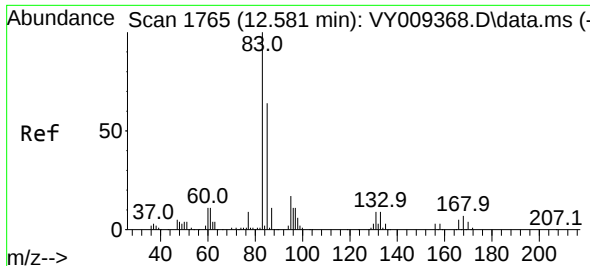
43 100

70 40.6 28.7 43.1

55 23.0 17.3 25.9

61 21.6 17.0 25.6

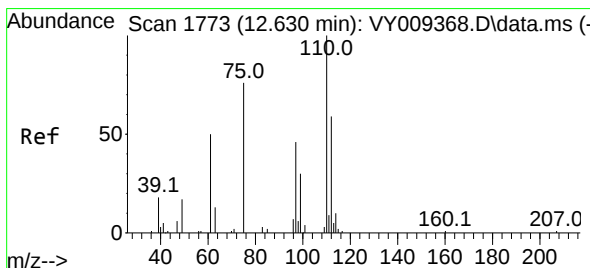
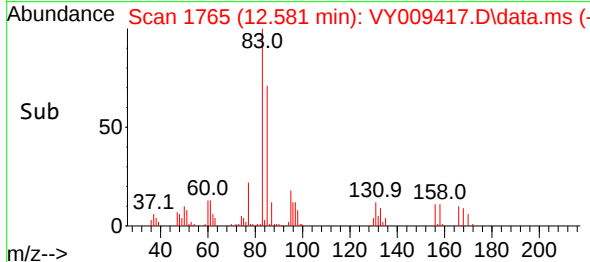
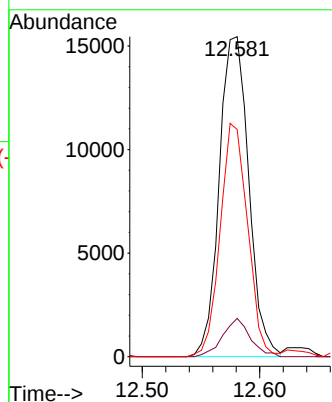
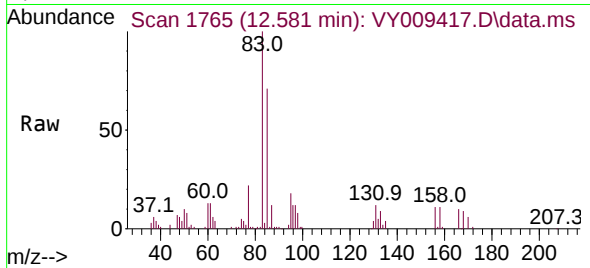




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.428 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY009417.D  
 Acq: 01 Jul 2022 13:08

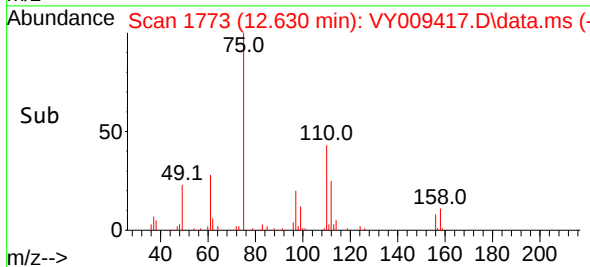
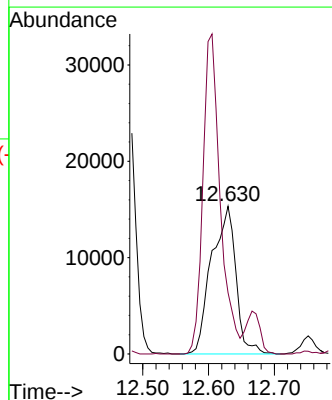
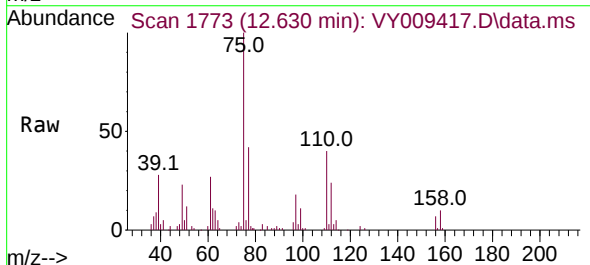
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0701SBSD02

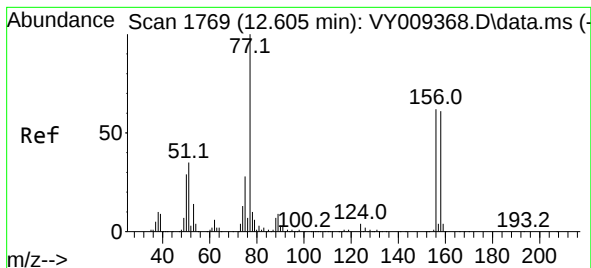
Tgt Ion: 83 Resp: 26945  
 Ion Ratio Lower Upper  
 83 100  
 131 11.2 5.6 16.8  
 85 67.9 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 33.151 ug/l  
 RT: 12.630 min Scan# 1773  
 Delta R.T. -0.000 min  
 Lab File: VY009417.D  
 Acq: 01 Jul 2022 13:08

Tgt Ion: 75 Resp: 39675  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.003 ug/l

RT: 12.605 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

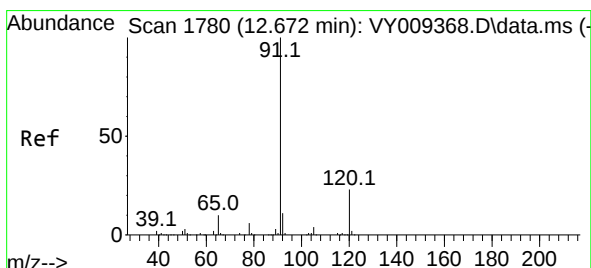
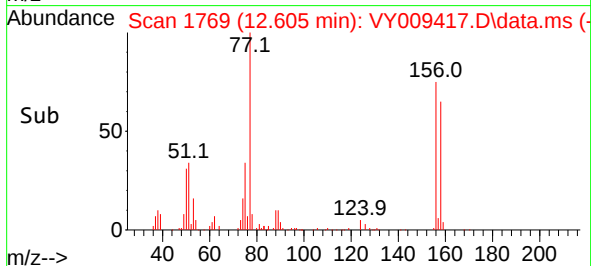
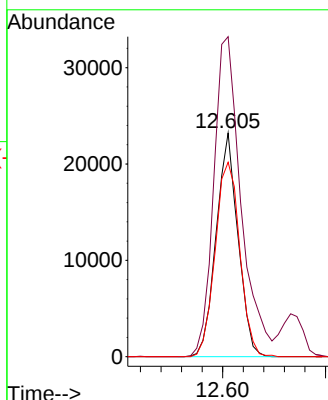
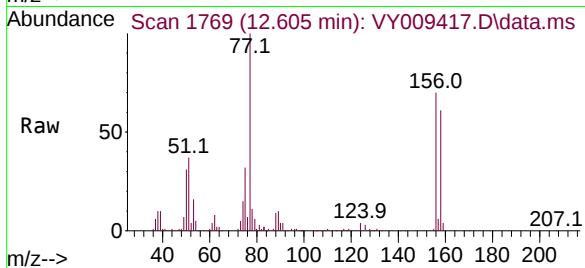
Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 34195 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 178.5 | 95.5  | 286.4 |
| 158       | 97.7  | 48.0  | 144.0 |



#78

n-propylbenzene

Concen: 19.016 ug/l

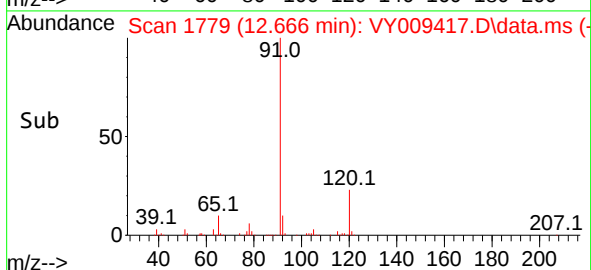
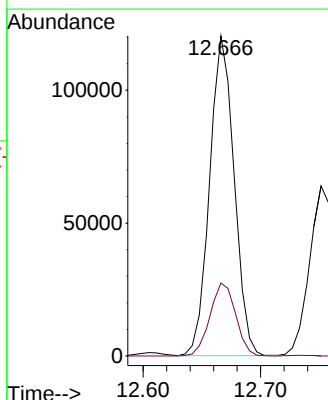
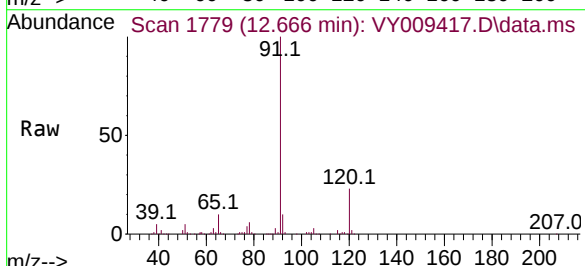
RT: 12.666 min Scan# 1779

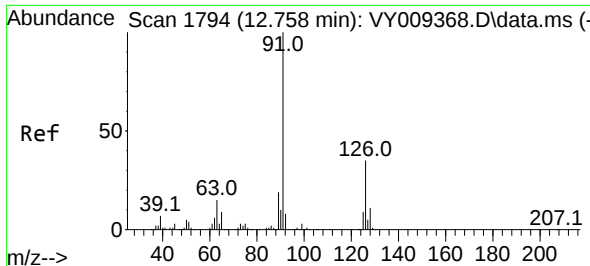
Delta R.T. -0.006 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 174610 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.8  | 11.3  | 33.9   |

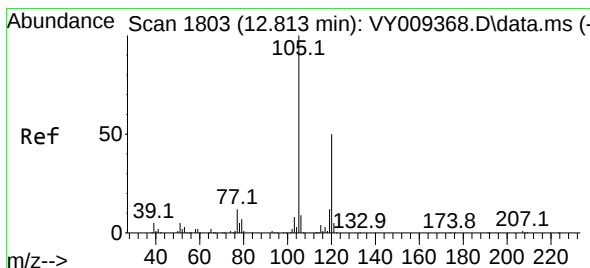
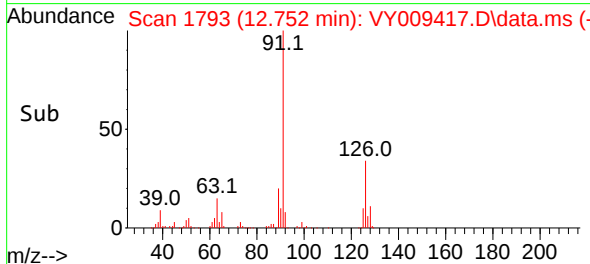
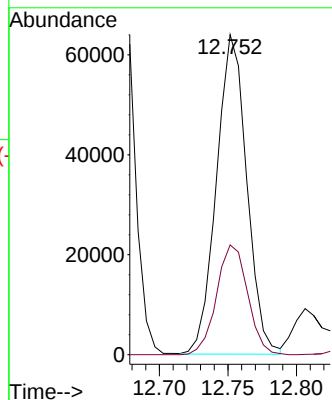
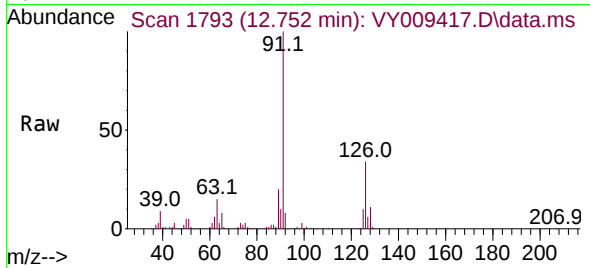




#79  
2-Chlorotoluene  
Concen: 18.989 ug/l  
RT: 12.752 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

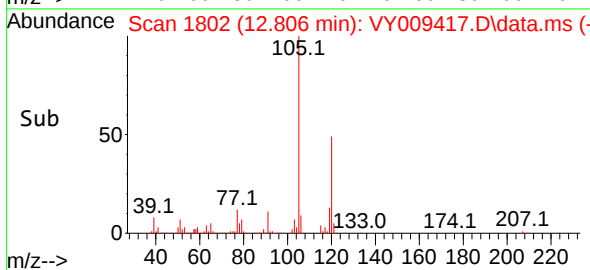
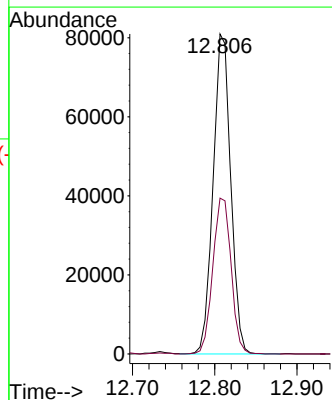
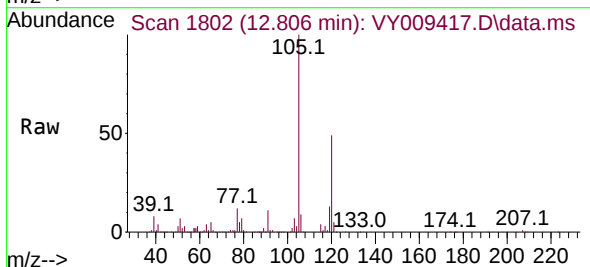
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

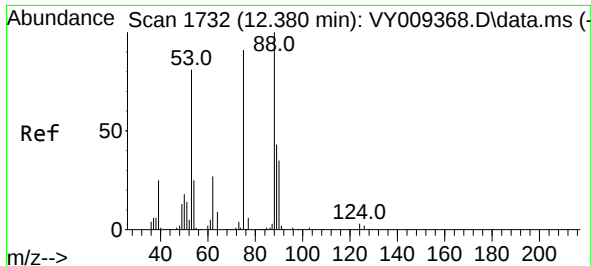
Tgt Ion: 91 Resp: 98419  
Ion Ratio Lower Upper  
91 100  
126 35.2 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 19.087 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion:105 Resp: 120484  
Ion Ratio Lower Upper  
105 100  
120 50.5 24.4 73.4

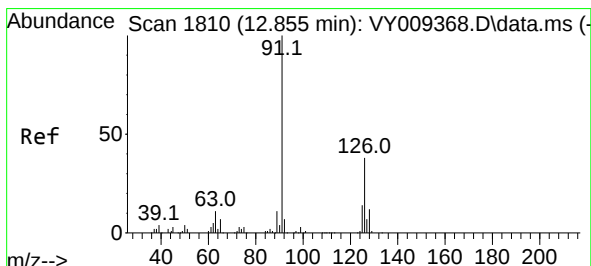
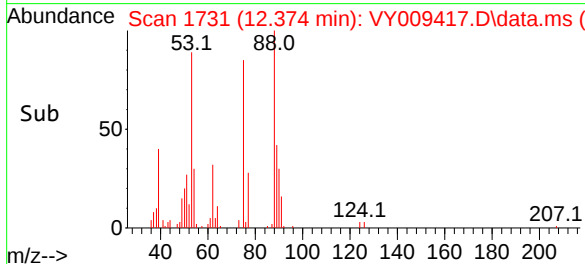
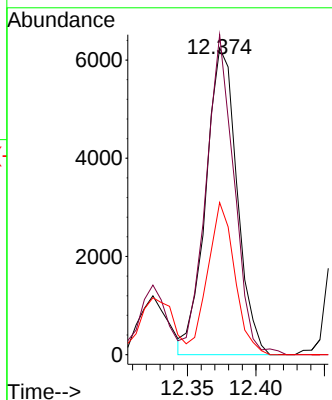
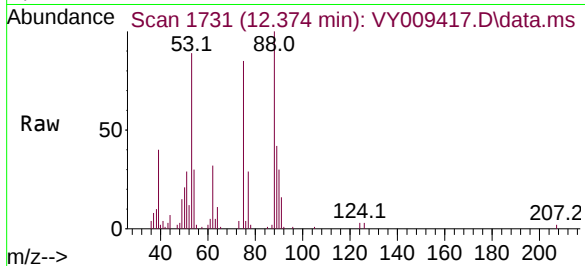




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.397 ug/l  
RT: 12.374 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

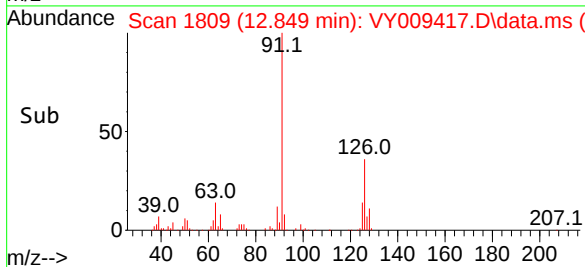
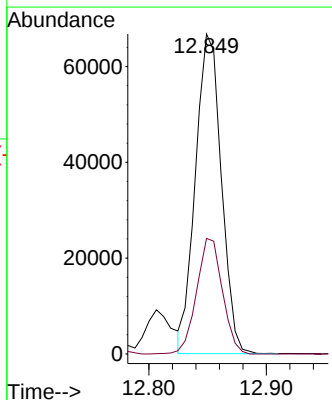
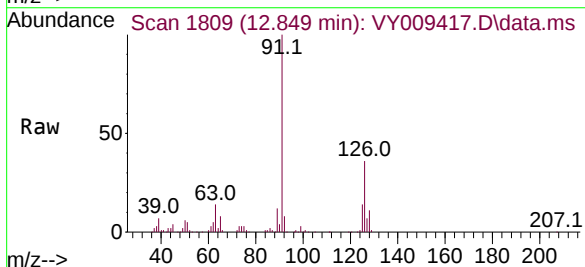
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

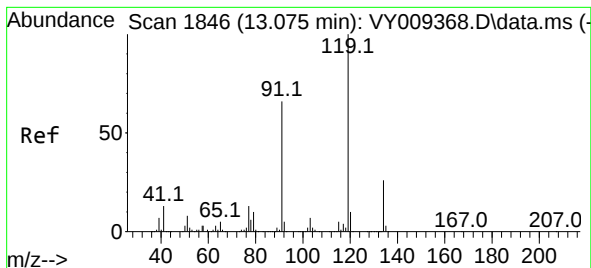
Tgt Ion: 75 Resp: 9889  
Ion Ratio Lower Upper  
75 100  
53 94.0 85.3 127.9  
89 42.9 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 18.972 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 91 Resp: 102184  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.0 51.0

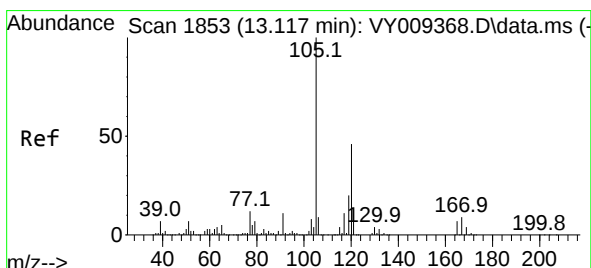
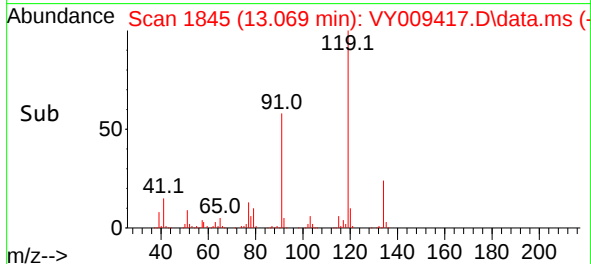
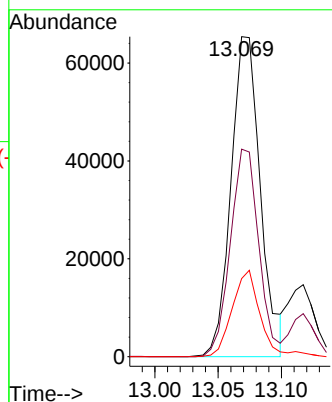
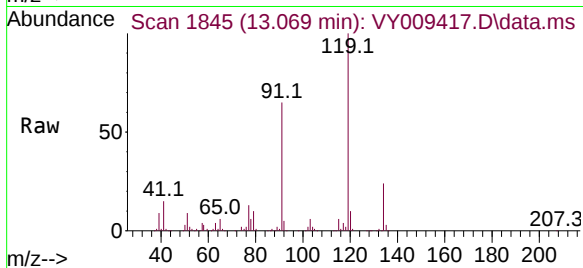




#83  
tert-Butylbenzene  
Concen: 19.966 ug/l  
RT: 13.069 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

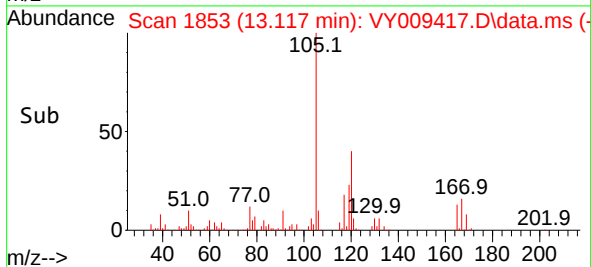
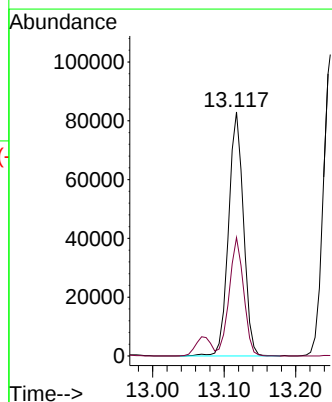
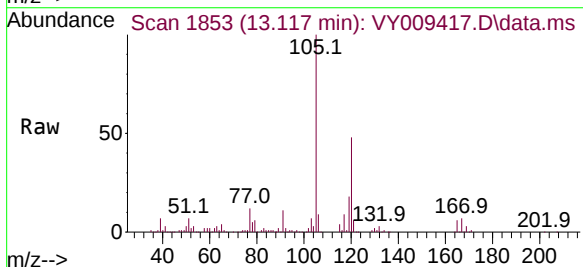
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

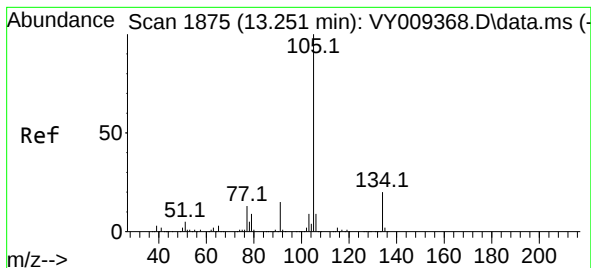
Tgt Ion:119 Resp: 105888  
Ion Ratio Lower Upper  
119 100  
91 62.8 34.8 104.4  
134 25.9 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 20.010 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion:105 Resp: 120032  
Ion Ratio Lower Upper  
105 100  
120 47.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.037 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

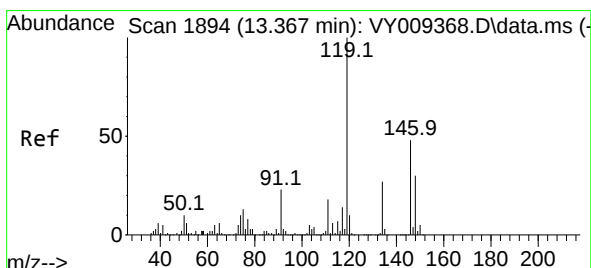
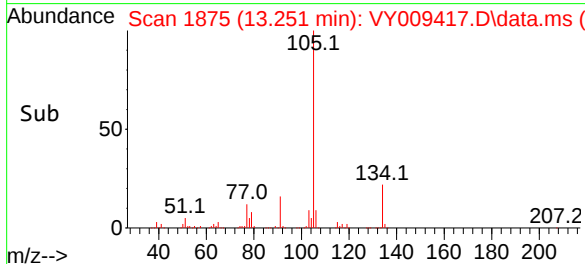
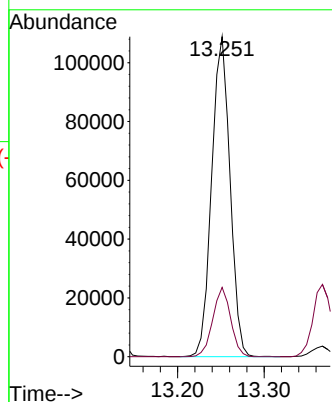
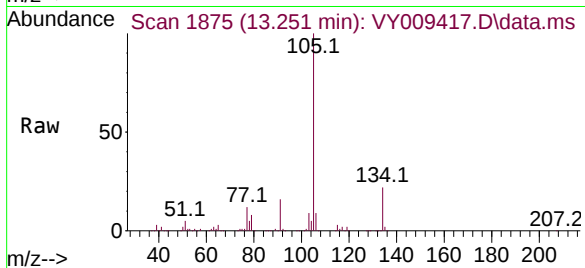
VY0701SBSD02

Tgt Ion:105 Resp: 160058

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.944 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

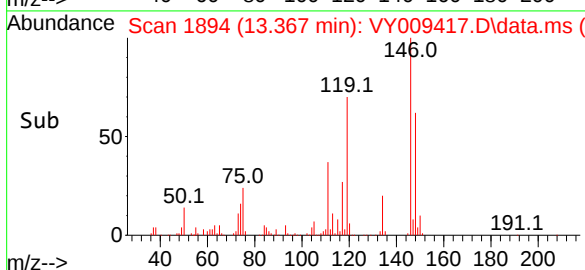
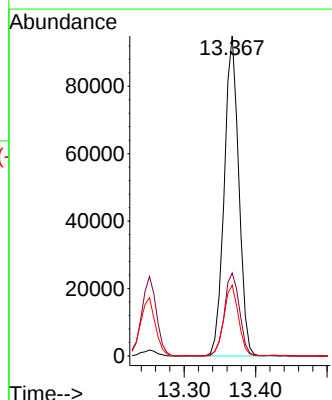
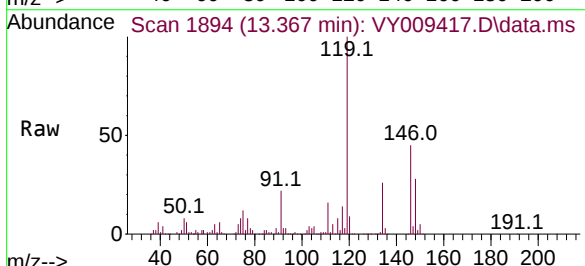
Tgt Ion:119 Resp: 133966

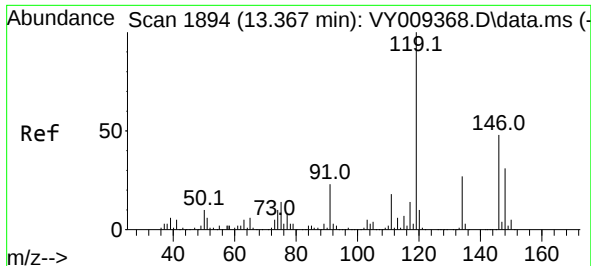
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.537 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

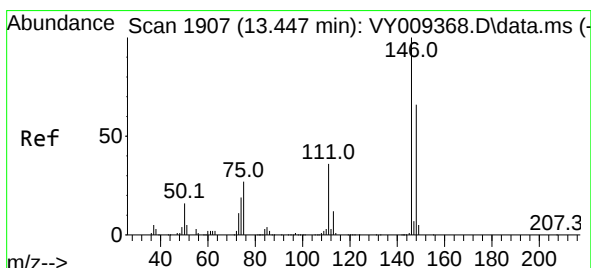
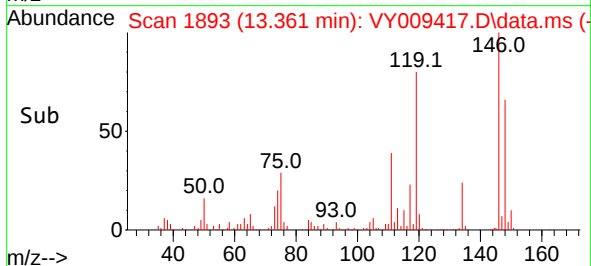
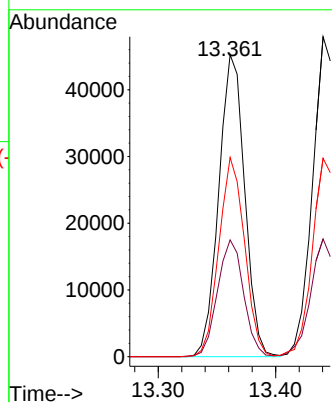
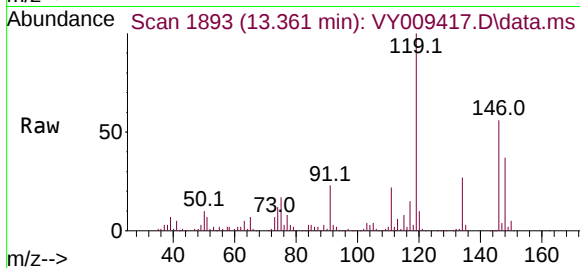
Tgt Ion:146 Resp: 69454

Ion Ratio Lower Upper

146 100

111 38.8 19.5 58.5

148 65.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.919 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

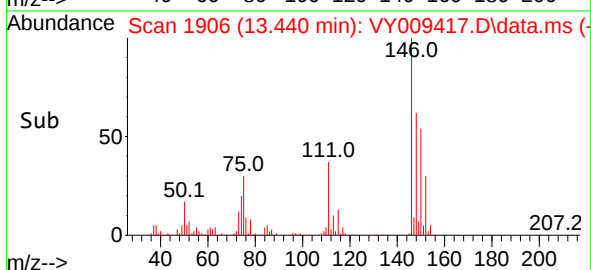
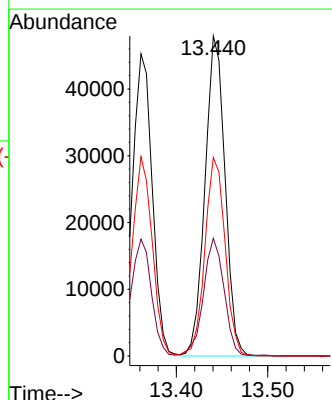
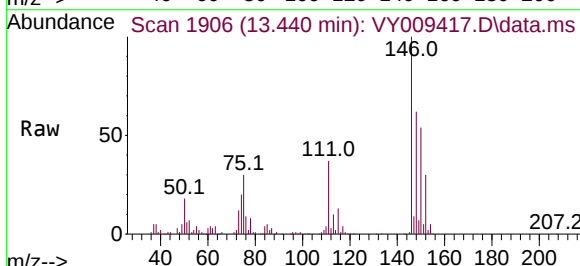
Tgt Ion:146 Resp: 72865

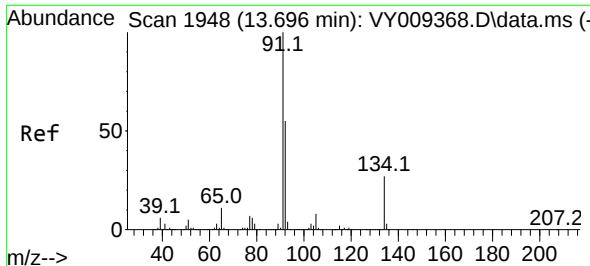
Ion Ratio Lower Upper

146 100

111 37.6 19.3 57.8

148 62.8 32.6 97.8

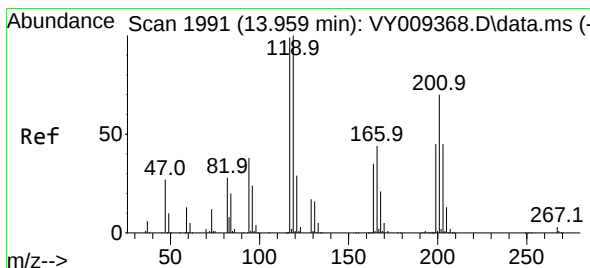
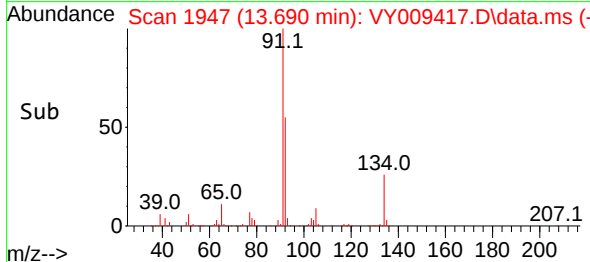
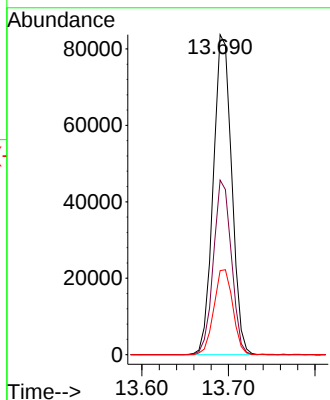
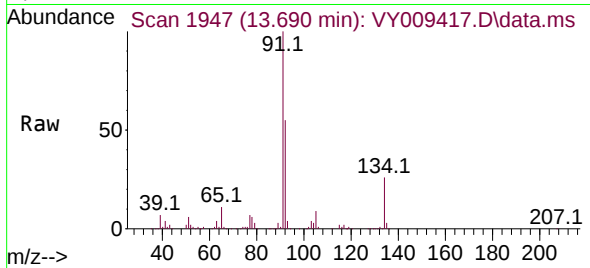




#89  
n-Butylbenzene  
Concen: 19.612 ug/l  
RT: 13.690 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

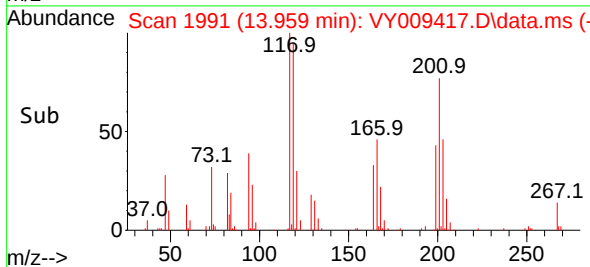
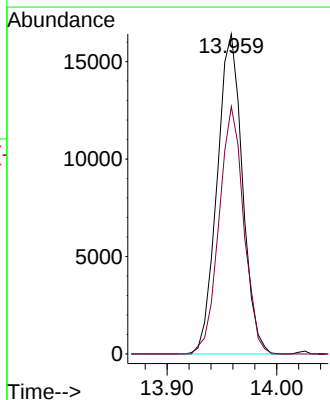
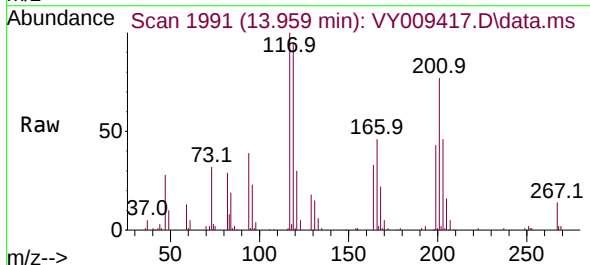
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

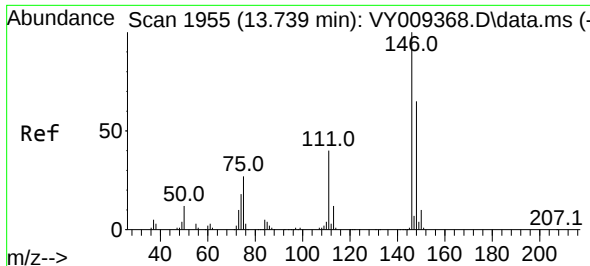
Tgt Ion: 91 Resp: 123778  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.3 78.9  
134 27.3 13.0 38.9



#90  
Hexachloroethane  
Concen: 19.728 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 117 Resp: 26273  
Ion Ratio Lower Upper  
117 100  
201 75.6 43.0 128.8

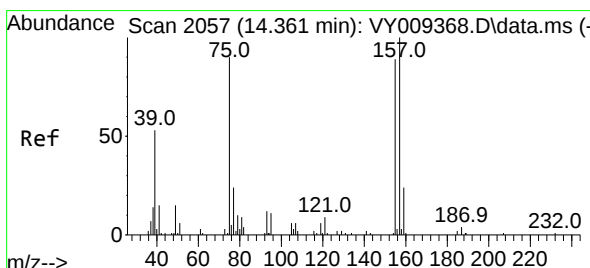
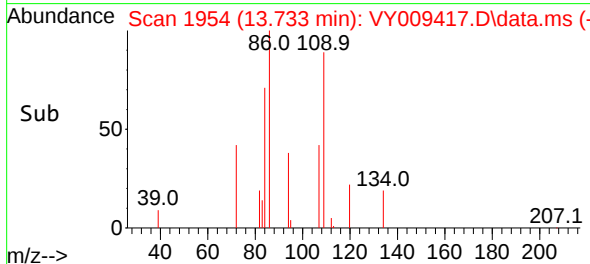
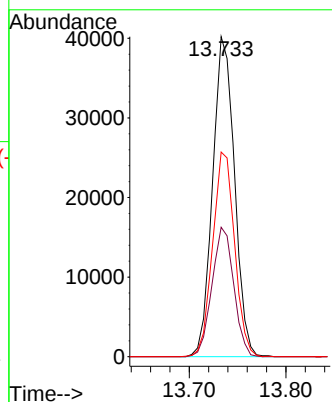
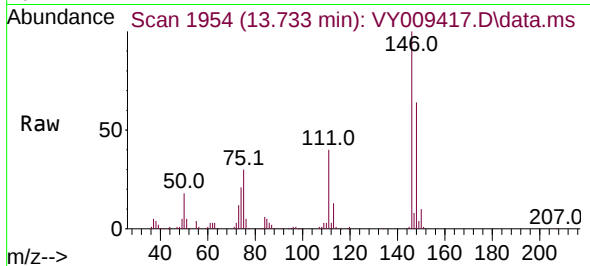




#91  
1,2-Dichlorobenzene  
Concen: 19.585 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

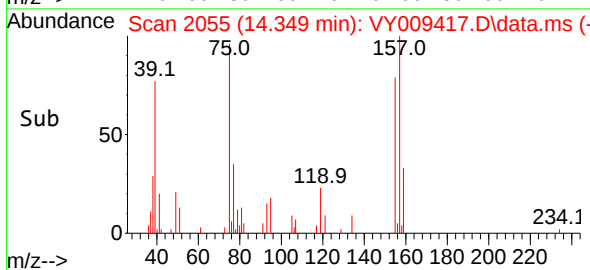
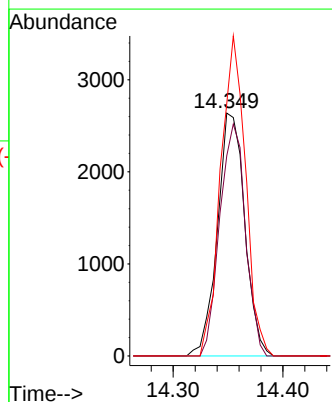
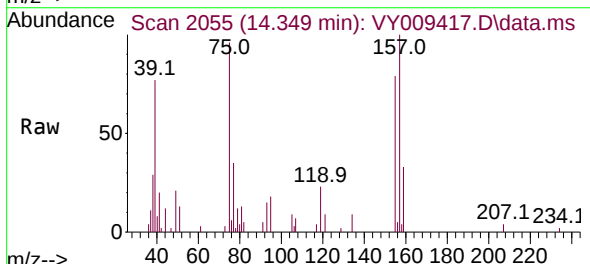
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

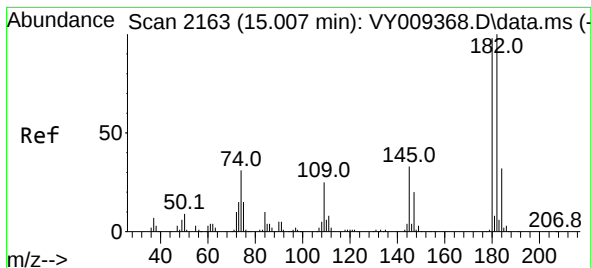
Tgt Ion:146 Resp: 63148  
Ion Ratio Lower Upper  
146 100  
111 40.3 20.3 60.9  
148 64.2 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.591 ug/l  
RT: 14.349 min Scan# 2055  
Delta R.T. -0.006 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Tgt Ion: 75 Resp: 4556  
Ion Ratio Lower Upper  
75 100  
155 89.6 38.0 113.9  
157 119.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.096 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0701SBSD02

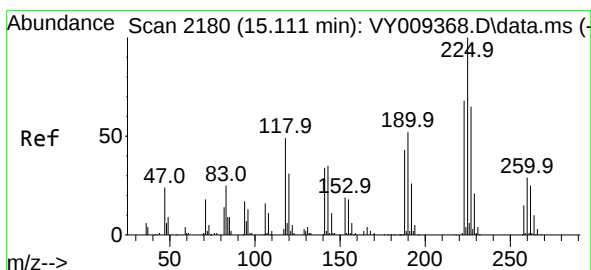
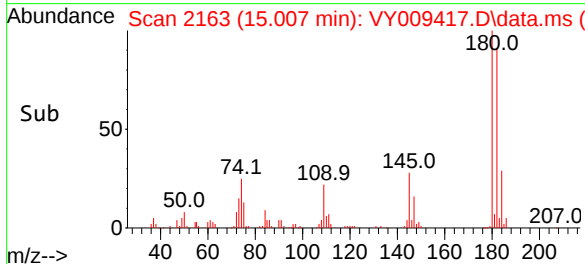
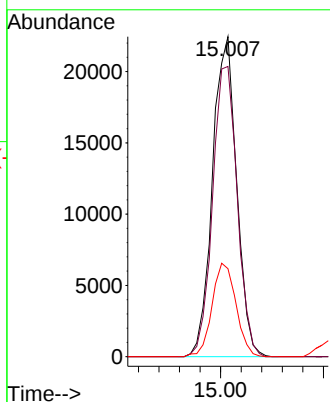
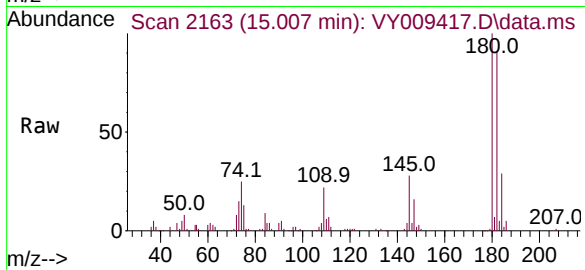
Tgt Ion:180 Resp: 36549

Ion Ratio Lower Upper

180 100

182 92.5 47.3 141.9

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.607 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009417.D

Acq: 01 Jul 2022 13:08

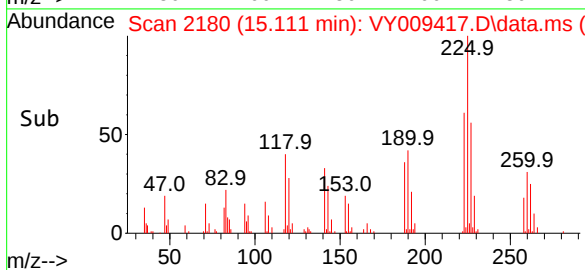
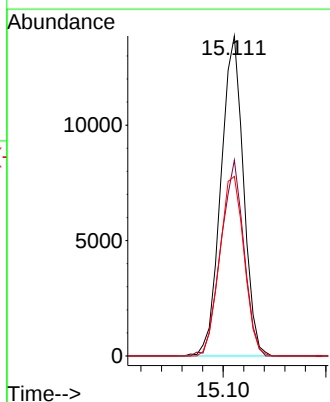
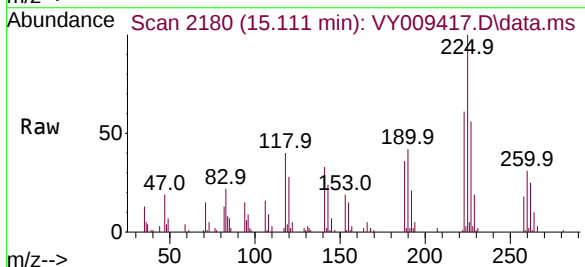
Tgt Ion:225 Resp: 21066

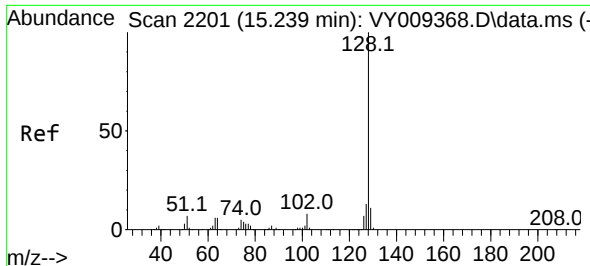
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 61.0 31.6 94.7

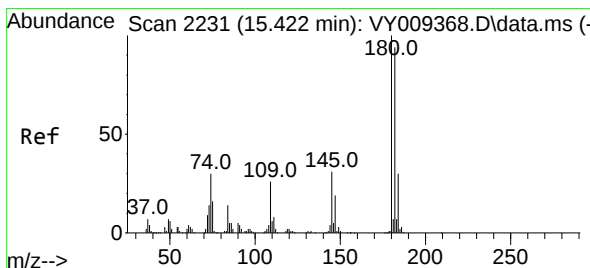
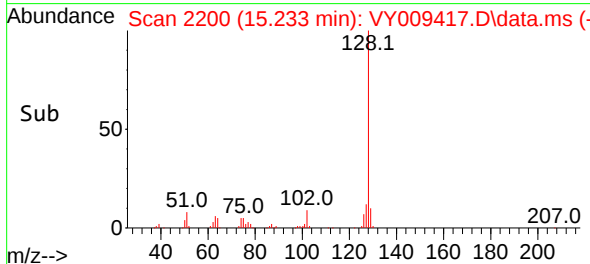
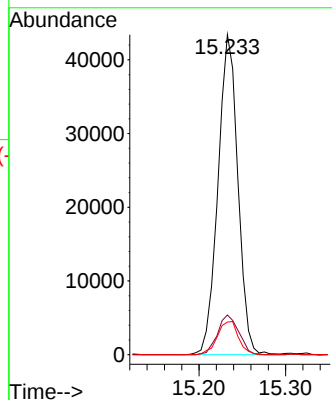
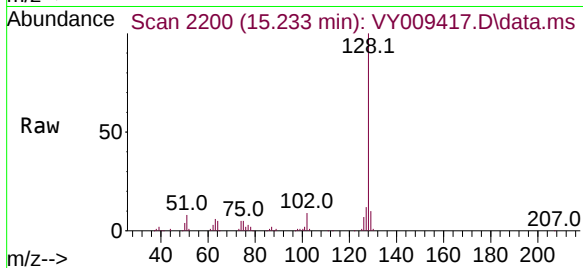




#95  
Naphthalene  
Concen: 18.096 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0701SBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 69343 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.2  | 11.0  | 16.4  |
| 129       | 11.0  | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.142 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY009417.D  
Acq: 01 Jul 2022 13:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 30167 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.2  | 47.3  | 141.9 |
| 145       | 32.1  | 15.3  | 45.9  |

