

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020222\  
 Data File : VY007352.D  
 Acq On : 02 Feb 2022 13:09  
 Operator : SY/MD  
 Sample : VSTDICC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC150

Quant Time: Feb 03 04:18:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:14:02 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 140510   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 235722   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 210485   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 90591    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 248439   | 153.717  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 307.440%# |      |
| 35) Dibromofluoromethane    | 7.722  | 113   | 230866   | 152.522  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 305.040%# |      |
| 50) Toluene-d8              | 10.179 | 98    | 863459   | 154.403  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 308.800%# |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 283131   | 148.958  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 297.920%# |      |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         | Qvalue  |        |    |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 224457  | 136.441 | ug/l   | 99 |
| 3) Chloromethane             | 2.113 | 50  | 255282  | 148.422 | ug/l   | 98 |
| 4) Vinyl Chloride            | 2.253 | 62  | 267762  | 138.027 | ug/l   | 99 |
| 5) Bromomethane              | 2.637 | 94  | 159411  | 135.665 | ug/l   | 97 |
| 6) Chloroethane              | 2.790 | 64  | 165929  | 139.274 | ug/l   | 99 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 447140  | 142.236 | ug/l   | 94 |
| 8) Diethyl Ether             | 3.534 | 74  | 136214  | 145.975 | ug/l   | 85 |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 251249  | 141.911 | ug/l   | 92 |
| 10) Methyl Iodide            | 4.095 | 142 | 298177  | 156.227 | ug/l   | 96 |
| 11) Tert butyl alcohol       | 4.960 | 59  | 123075  | 761.577 | ug/l # | 95 |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 230211  | 140.766 | ug/l   | 90 |
| 13) Acrolein                 | 3.729 | 56  | 168991  | 778.346 | ug/l   | 98 |
| 14) Allyl chloride           | 4.485 | 41  | 362032  | 144.127 | ug/l # | 95 |
| 15) Acrylonitrile            | 5.168 | 53  | 324068  | 739.197 | ug/l   | 99 |
| 16) Acetone                  | 3.948 | 43  | 424254  | 808.253 | ug/l   | 94 |
| 17) Carbon Disulfide         | 4.198 | 76  | 728333  | 141.859 | ug/l   | 99 |
| 18) Methyl Acetate           | 4.479 | 43  | 144307  | 146.781 | ug/l # | 90 |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 681625  | 147.937 | ug/l   | 96 |
| 20) Methylene Chloride       | 4.722 | 84  | 243837  | 147.824 | ug/l # | 85 |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 256000  | 141.497 | ug/l   | 91 |
| 22) Diisopropyl ether        | 6.125 | 45  | 741534  | 140.889 | ug/l # | 94 |
| 23) Vinyl Acetate            | 6.064 | 43  | 2514639 | 732.584 | ug/l # | 93 |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 449287  | 141.340 | ug/l   | 99 |
| 25) 2-Butanone               | 6.990 | 43  | 504507  | 795.520 | ug/l # | 87 |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 428202  | 140.781 | ug/l   | 96 |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 285936  | 143.082 | ug/l   | 91 |
| 28) Bromochloromethane       | 7.338 | 49  | 188009  | 151.264 | ug/l # | 87 |
| 29) Tetrahydrofuran          | 7.350 | 42  | 271964  | 742.127 | ug/l # | 87 |
| 30) Chloroform               | 7.509 | 83  | 469169  | 141.883 | ug/l   | 99 |
| 31) Cyclohexane              | 7.789 | 56  | 428687  | 135.933 | ug/l   | 93 |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 440430  | 143.308 | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 375103  | 141.749 | ug/l   | 99 |
| 37) Ethyl Acetate            | 7.076 | 43  | 189745  | 144.228 | ug/l   | 96 |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 400206  | 143.951 | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.185 | 83  | 481626  | 144.926 | ug/l   | 91 |
| 40) Benzene                  | 8.161 | 78  | 1009430 | 143.910 | ug/l   | 96 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020222\  
 Data File : VY007352.D  
 Acq On : 02 Feb 2022 13:09  
 Operator : SY/MD  
 Sample : VSTDICC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC150

Quant Time: Feb 03 04:18:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:14:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 259418   | 309.867  | ug/l # | 38       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 312408   | 146.516  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 378364   | 153.786  | ug/l # | 93       |
| 44) Trichloroethene           | 8.941  | 130  | 273793   | 144.364  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 247276   | 142.968  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 150166   | 145.931  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.496  | 83   | 364757   | 146.585  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 172547   | 155.076  | ug/l # | 89       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 37749    | 3348.978 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 956750   | 766.751  | ug/l   | 92       |
| 52) Toluene                   | 10.246 | 92   | 634145   | 143.490  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 387674   | 149.130  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 430186   | 147.744  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 197249   | 145.951  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 291140   | 155.099  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 347108   | 144.859  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 763997   | 782.427  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.831 | 43   | 728919   | 801.277  | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.984 | 129  | 249543   | 148.316  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 196622   | 147.054  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 224935   | 136.172  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.514 | 112  | 660777   | 141.120  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 250233   | 143.158  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 1262708  | 142.111  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 944244   | 286.926  | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 444636   | 142.904  | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 746117   | 145.468  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 141629   | 146.857  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 1175726  | 142.008  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 318611   | 155.469  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 220989   | 146.161  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 298355   | 273.384  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 252523   | 144.796  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 1431115  | 142.709  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 789990   | 142.282  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 961632   | 142.377  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 81959    | 152.465  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 810589   | 142.143  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 824779   | 140.274  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 954329   | 143.506  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 1242639  | 140.901  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 1022351  | 142.303  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 484354   | 143.243  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 477257   | 141.593  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 986704   | 142.695  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 201155   | 148.156  | ug/l   | 78       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 424955   | 142.780  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 39113    | 159.187  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 267447   | 151.737  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 140913   | 144.419  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 595993   | 162.713  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 230583   | 154.980  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020222\  
Data File : VY007352.D  
Acq On : 02 Feb 2022 13:09  
Operator : SY/MD  
Sample : VSTDICC150  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC150

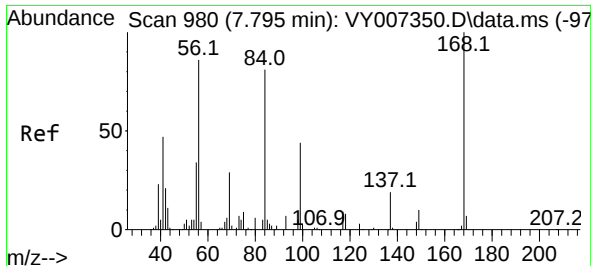
Quant Time: Feb 03 04:18:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 03 04:14:02 2022  
Response via : Initial Calibration

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

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

Quant Time: Feb 03 04:18:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 03 04:14:02 2022  
Response via : Initial Calibration

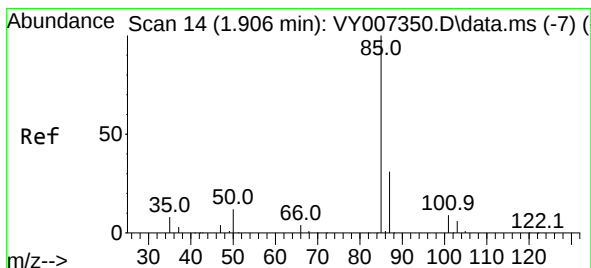
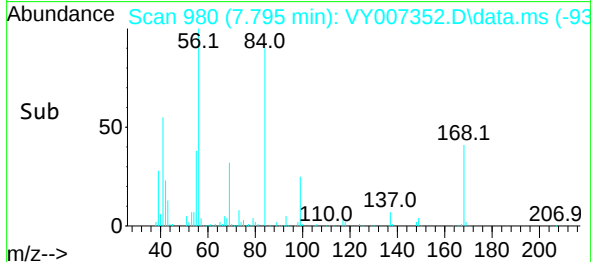
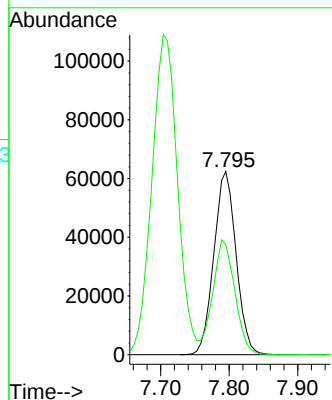
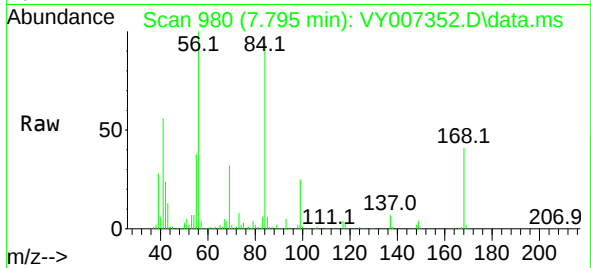




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

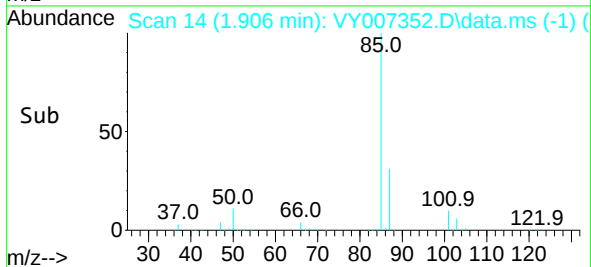
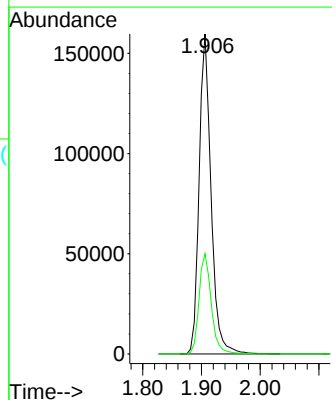
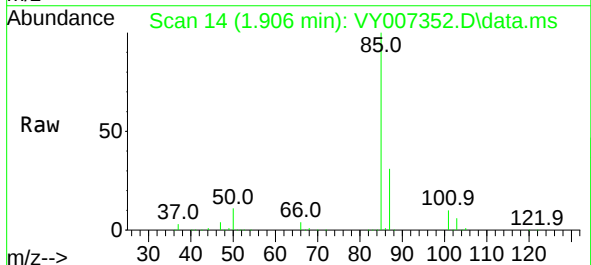
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

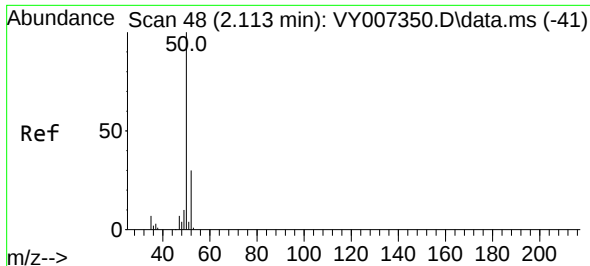
Tgt Ion:168 Resp: 140510  
Ion Ratio Lower Upper  
168 100  
99 60.1 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 136.441 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 85 Resp: 224457  
Ion Ratio Lower Upper  
85 100  
87 31.3 16.1 48.2

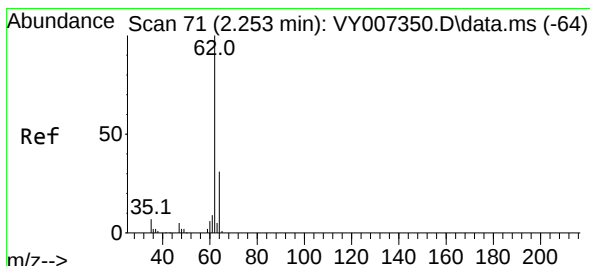
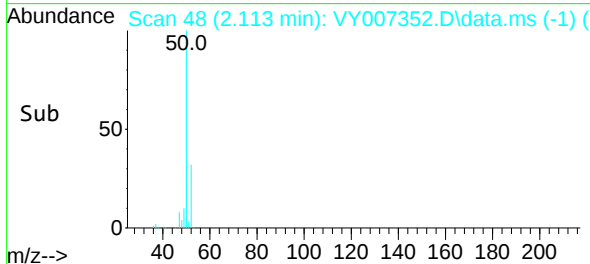
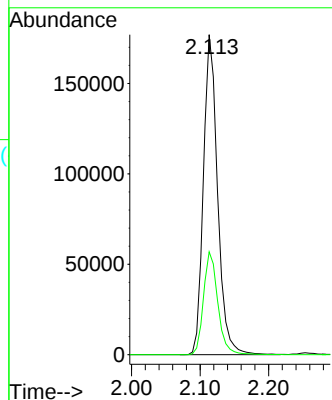
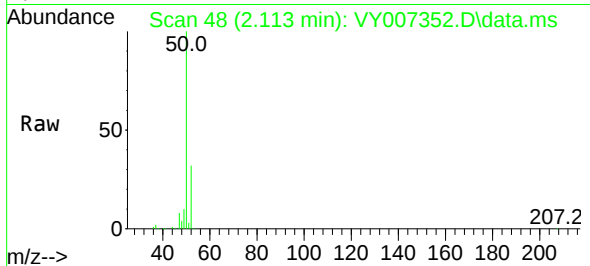




#3  
Chloromethane  
Concen: 148.422 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

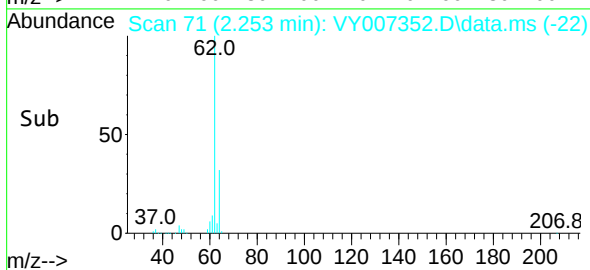
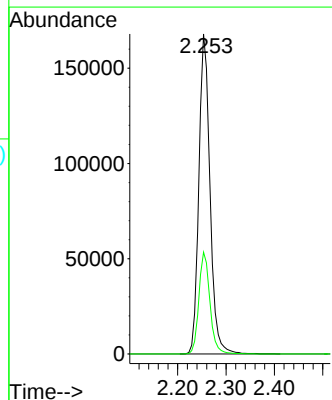
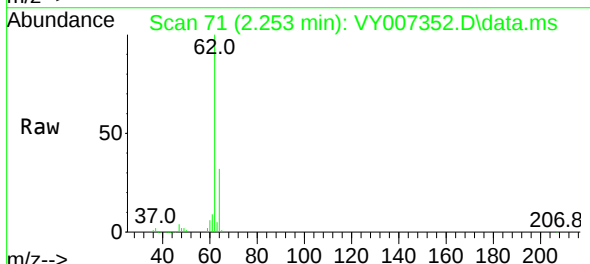
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

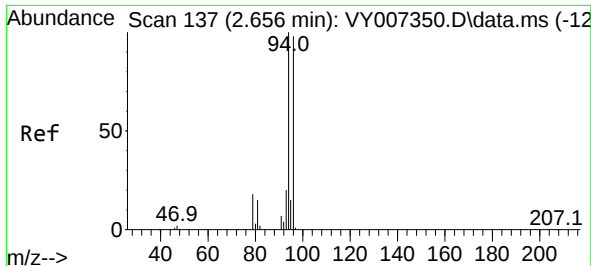
Tgt Ion: 50 Resp: 255282  
Ion Ratio Lower Upper  
50 100  
52 32.2 24.6 37.0



#4  
Vinyl Chloride  
Concen: 138.027 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 62 Resp: 267762  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.0 37.6

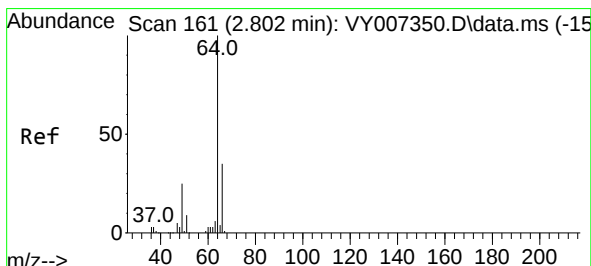
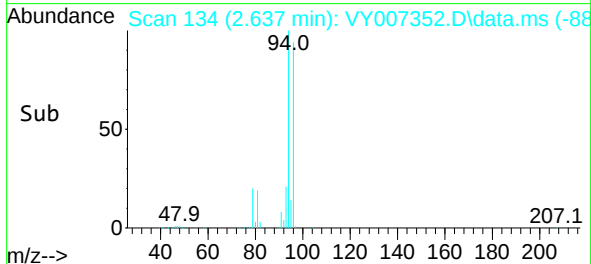
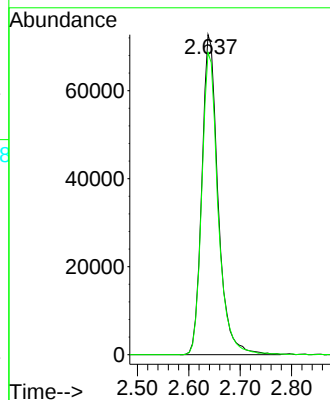
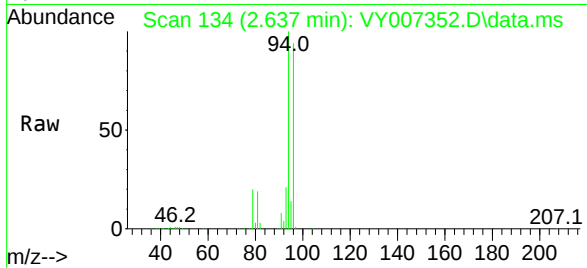




#5  
Bromomethane  
Concen: 135.665 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

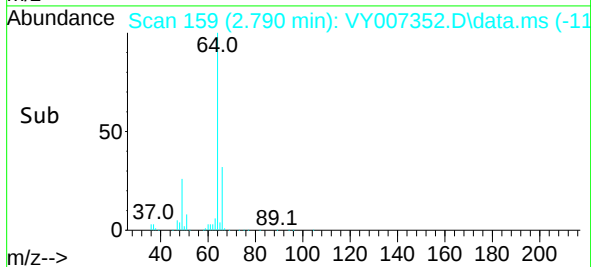
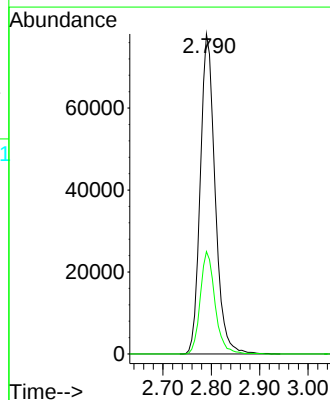
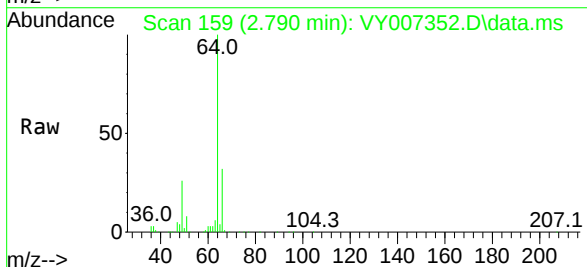
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

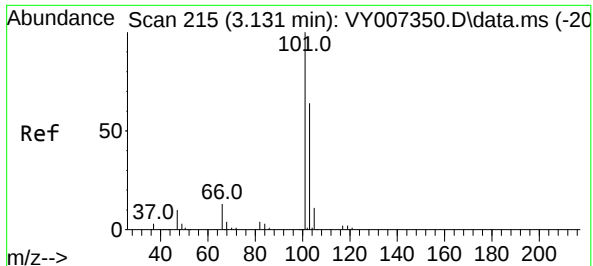
Tgt Ion: 94 Resp: 159411  
Ion Ratio Lower Upper  
94 100  
96 94.4 73.5 110.3



#6  
Chloroethane  
Concen: 139.274 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.012 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 64 Resp: 165929  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.0

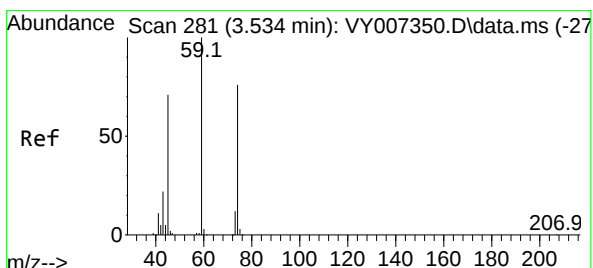
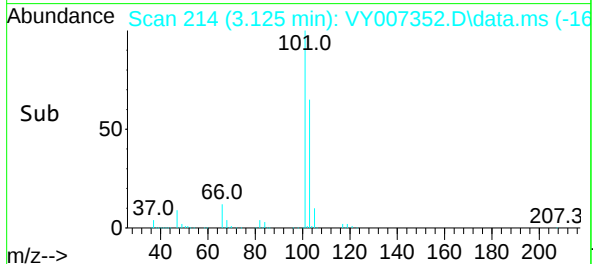
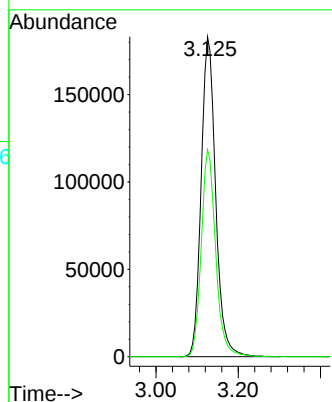
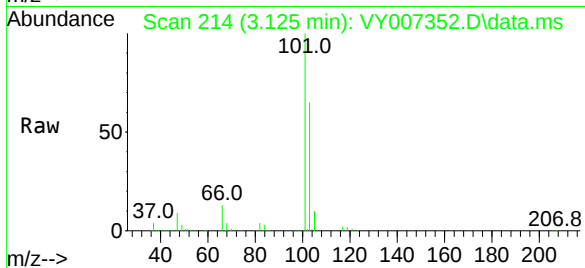




#7  
 Trichlorofluoromethane  
 Concen: 142.236 ug/l  
 RT: 3.125 min Scan# 215  
 Delta R.T. -0.006 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

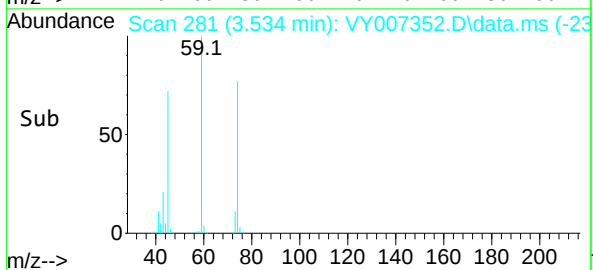
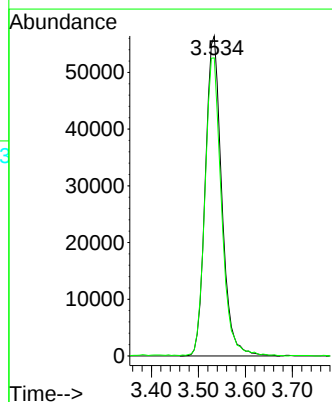
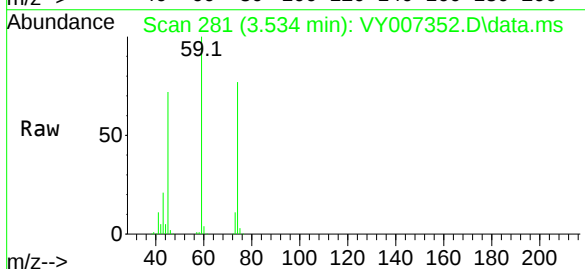
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

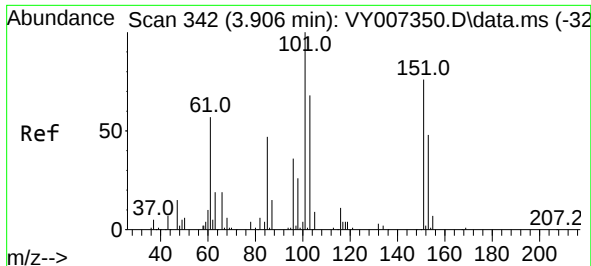
Tgt Ion:101 Resp: 447140  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 145.975 ug/l  
 RT: 3.534 min Scan# 281  
 Delta R.T. 0.000 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

Tgt Ion: 74 Resp: 136214  
 Ion Ratio Lower Upper  
 74 100  
 45 94.1 55.1 165.5

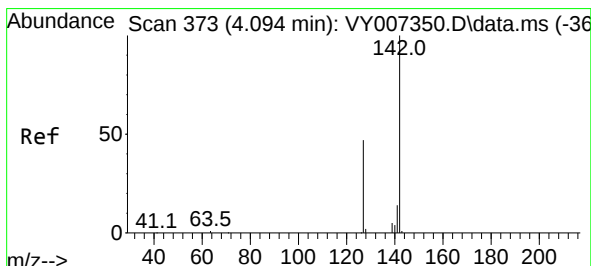
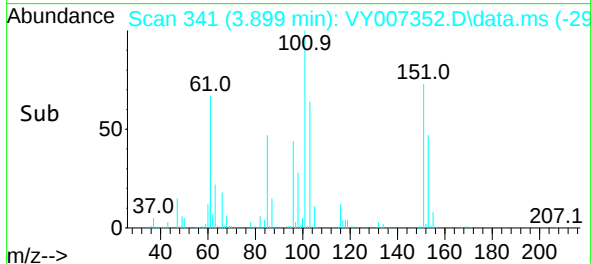
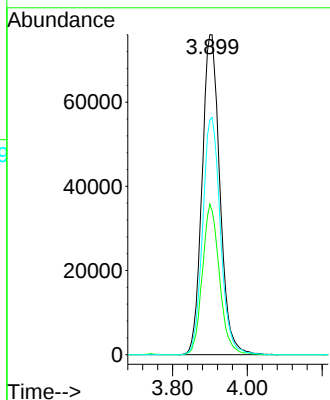
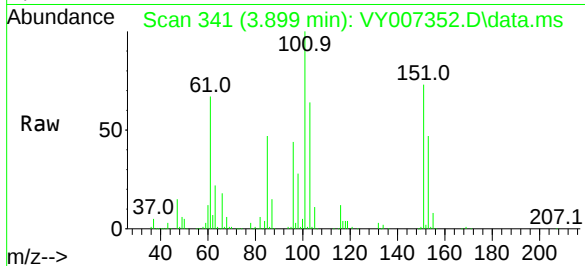




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 141.911 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

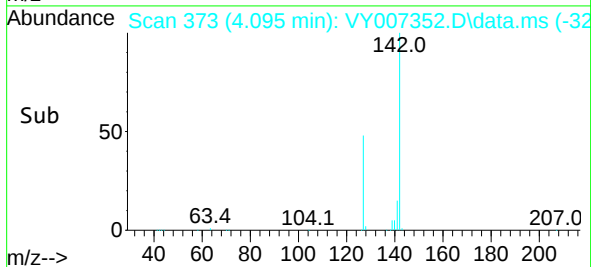
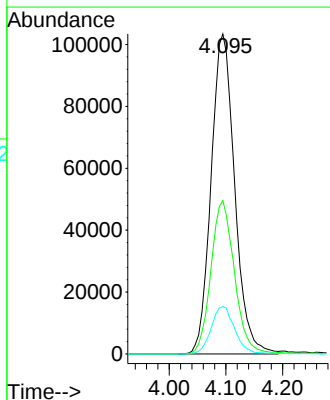
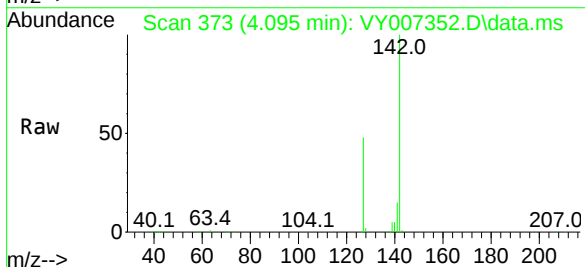
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

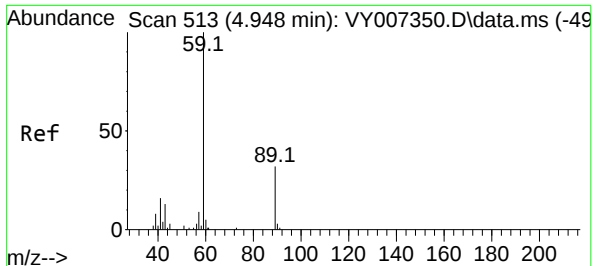
Tgt Ion:101 Resp: 251249  
Ion Ratio Lower Upper  
101 100  
85 45.1 40.6 60.8  
151 74.1 64.9 97.3



#10  
Methyl Iodide  
Concen: 156.227 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion:142 Resp: 298177  
Ion Ratio Lower Upper  
142 100  
127 48.0 41.5 62.3  
141 14.9 11.9 17.9

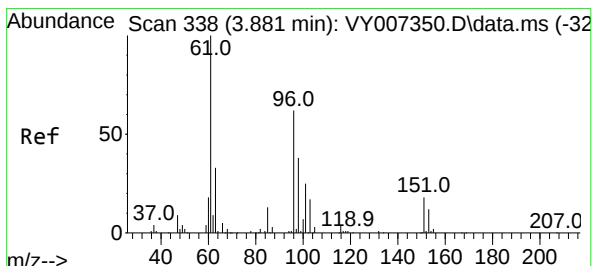
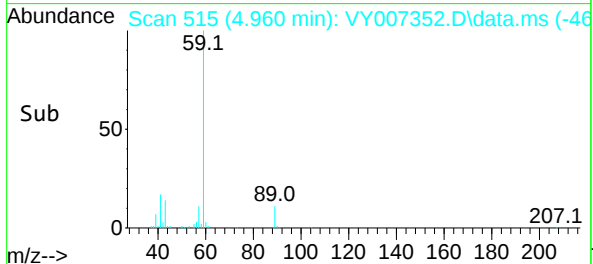
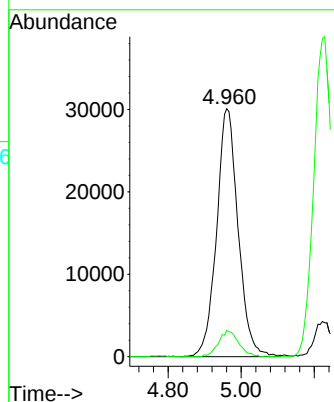
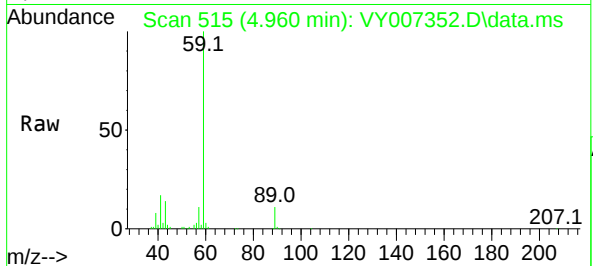




#11  
Tert butyl alcohol  
Concen: 761.577 ug/l  
RT: 4.960 min Scan# 513  
Delta R.T. 0.012 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

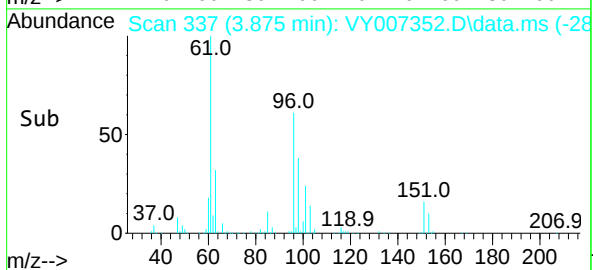
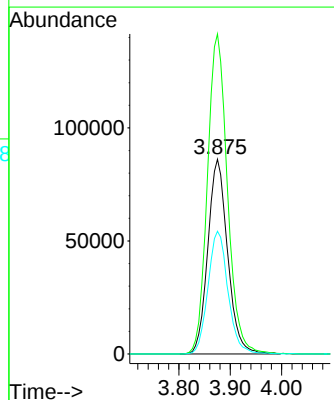
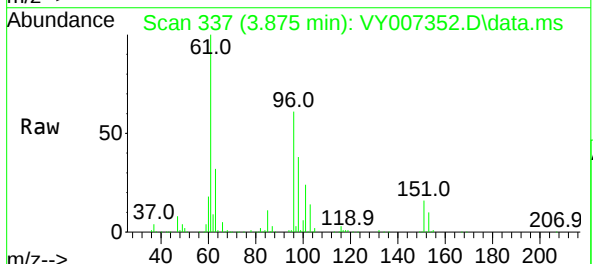
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

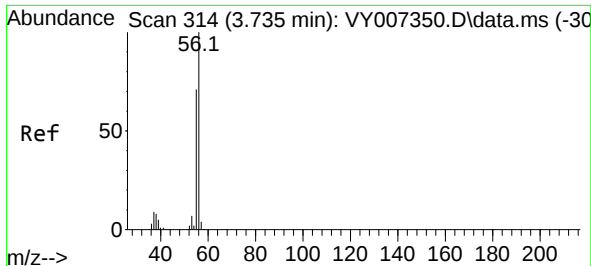
Tgt Ion: 59 Resp: 123075  
Ion Ratio Lower Upper  
59 100  
57 9.9 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 140.766 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 96 Resp: 230211  
Ion Ratio Lower Upper  
96 100  
61 164.3 145.8 218.6  
98 63.0 52.5 78.7





#13

Acrolein

Concen: 778.346 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

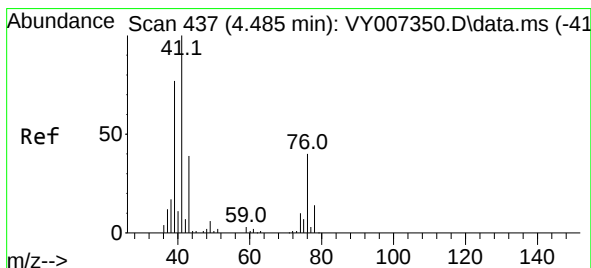
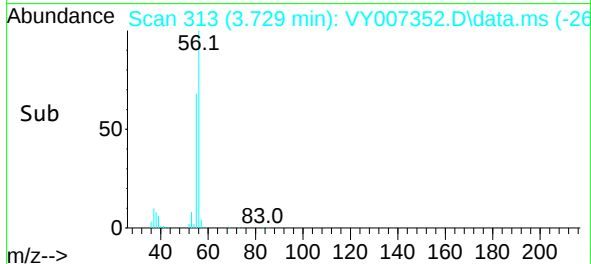
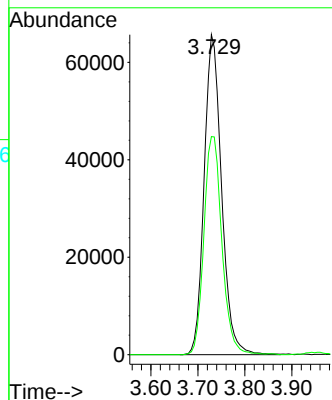
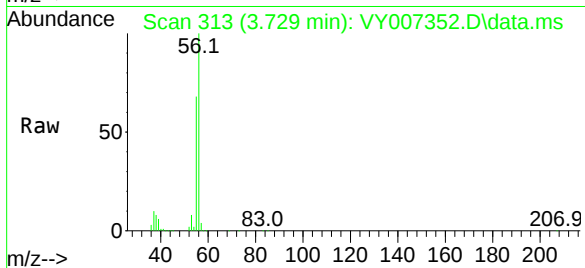
VSTDIC150

Tgt Ion: 56 Resp: 168991

Ion Ratio Lower Upper

56 100

55 70.4 57.6 86.4



#14

Allyl chloride

Concen: 144.127 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

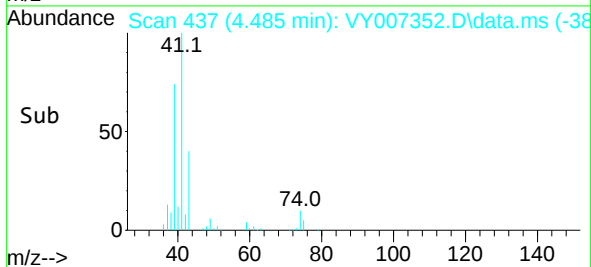
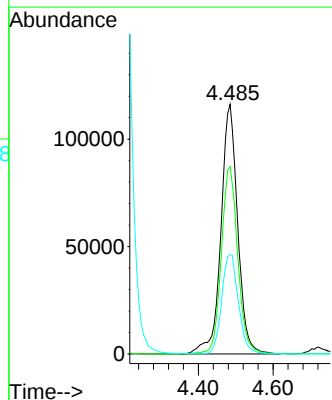
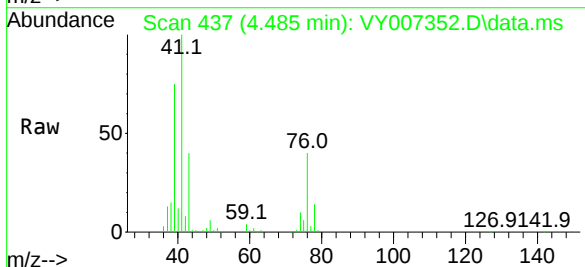
Tgt Ion: 41 Resp: 362032

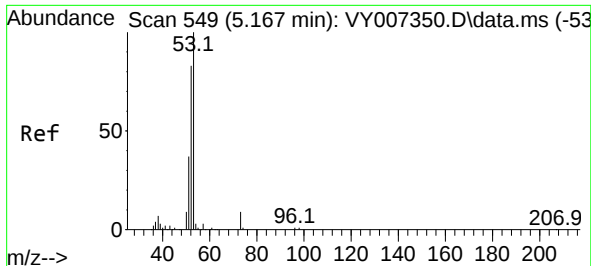
Ion Ratio Lower Upper

41 100

39 73.6 58.8 88.2

76 39.8 25.1 37.7#





#15

Acrylonitrile

Concen: 739.197 ug/l

RT: 5.168 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

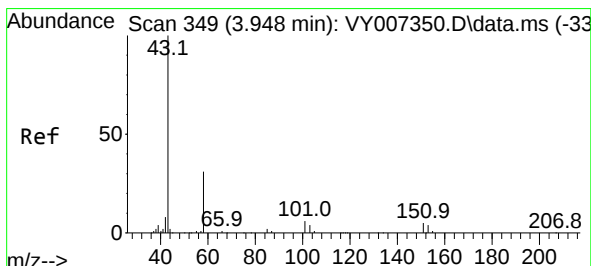
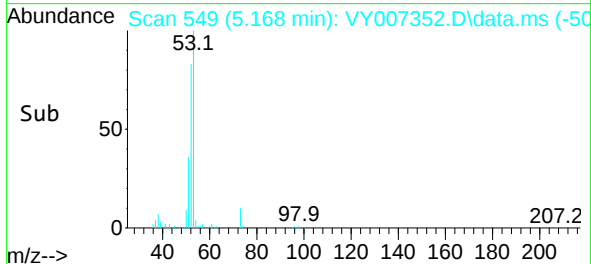
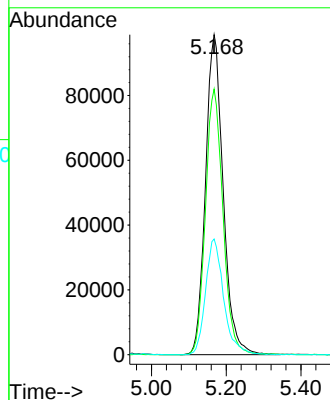
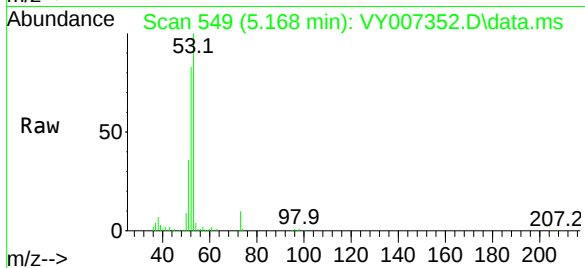
Tgt Ion: 53 Resp: 324068

Ion Ratio Lower Upper

53 100

52 82.5 67.0 100.4

51 37.2 29.8 44.6



#16

Acetone

Concen: 808.253 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007352.D

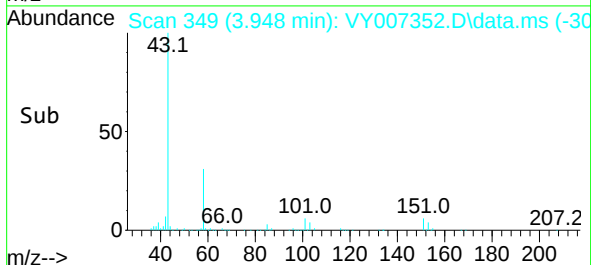
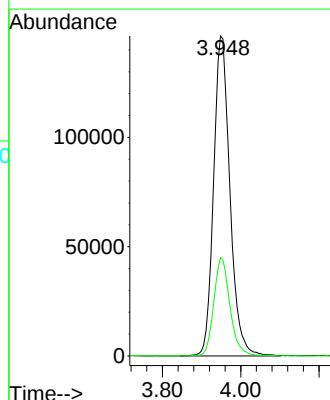
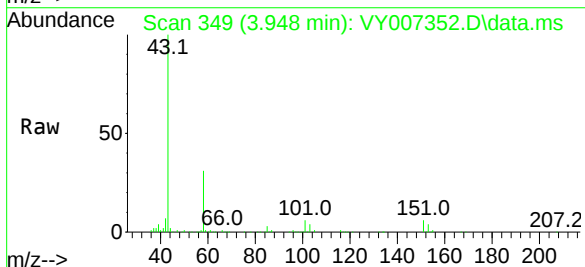
Acq: 02 Feb 2022 13:09

Tgt Ion: 43 Resp: 424254

Ion Ratio Lower Upper

43 100

58 30.8 22.0 33.0

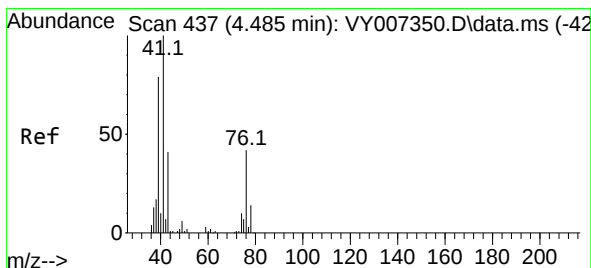
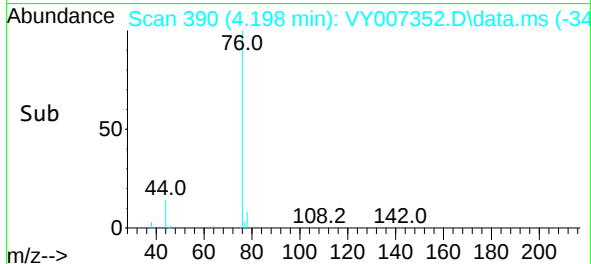
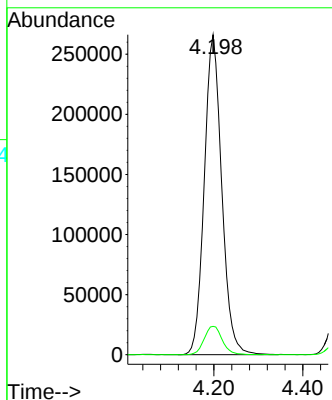
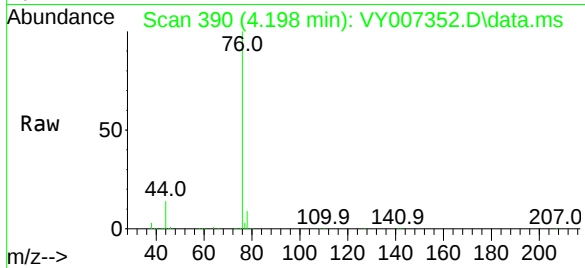




#17  
Carbon Disulfide  
Concen: 141.859 ug/l  
RT: 4.198 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

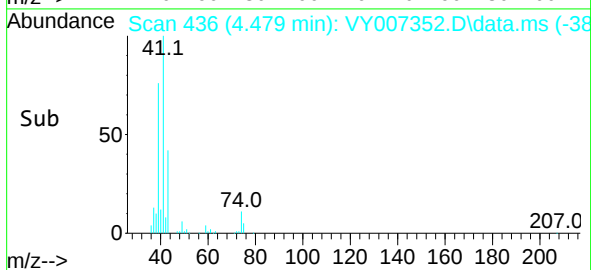
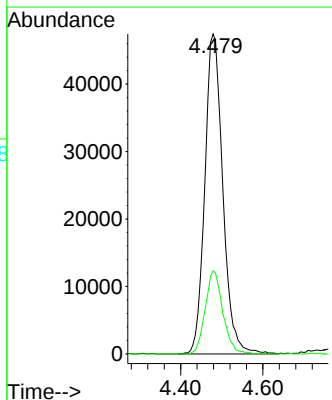
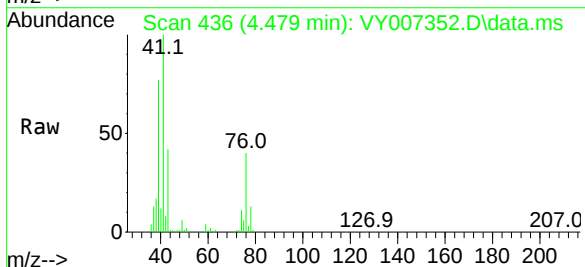
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

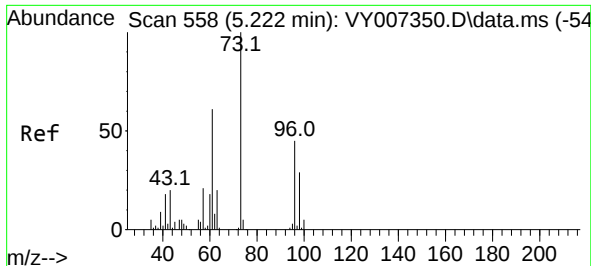
Tgt Ion: 76 Resp: 728333  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 146.781 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 43 Resp: 144307  
Ion Ratio Lower Upper  
43 100  
74 25.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 147.937 ug/l

RT: 5.222 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

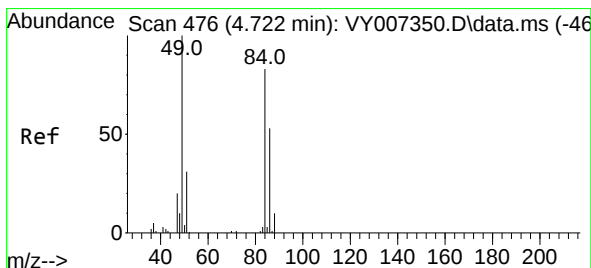
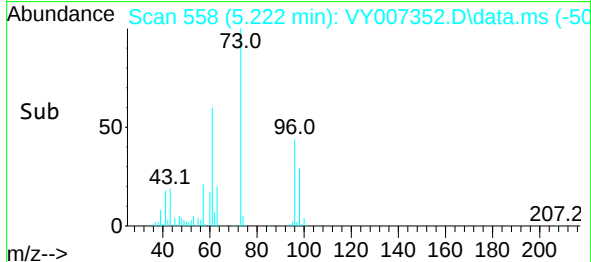
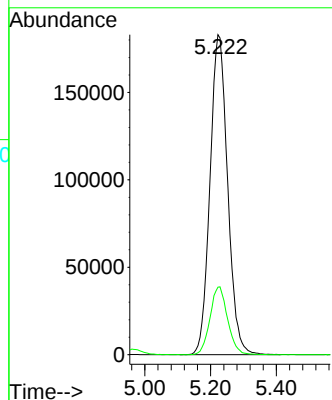
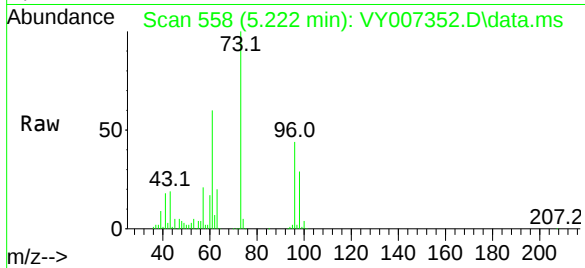
VSTDIC150

Tgt Ion: 73 Resp: 681625

Ion Ratio Lower Upper

73 100

57 21.1 18.6 27.8



#20

Methylene Chloride

Concen: 147.824 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion: 84 Resp: 243837

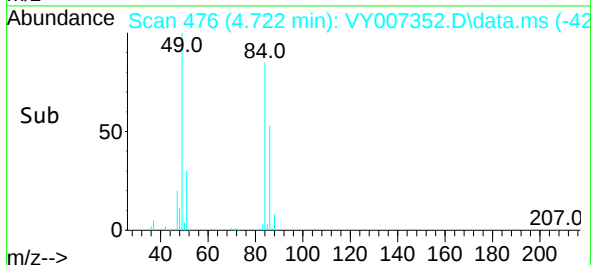
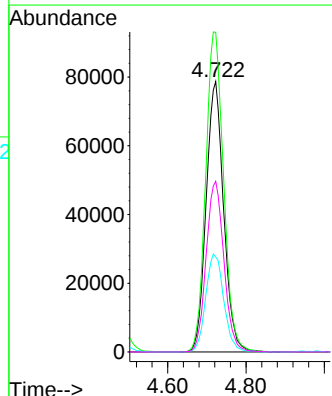
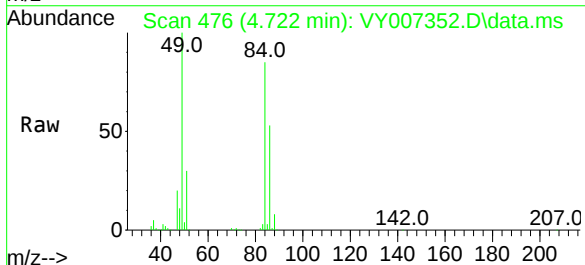
Ion Ratio Lower Upper

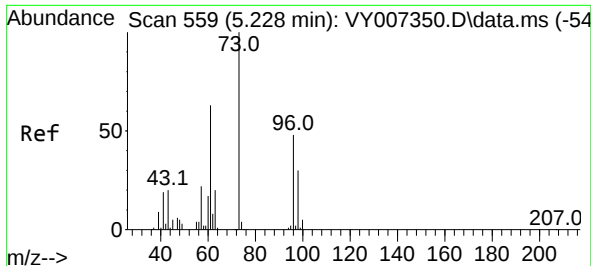
84 100

49 118.2 114.4 171.6

51 35.2 35.3 52.9#

86 63.1 53.7 80.5

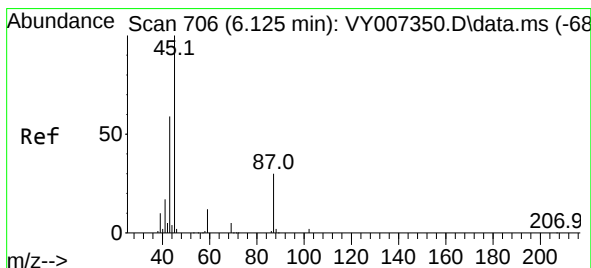
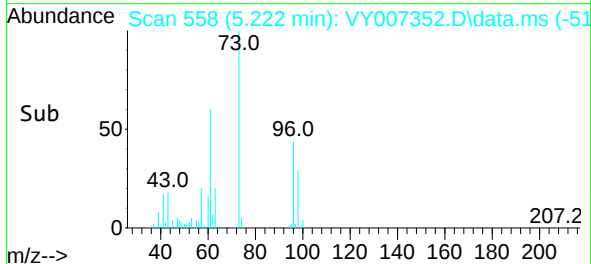
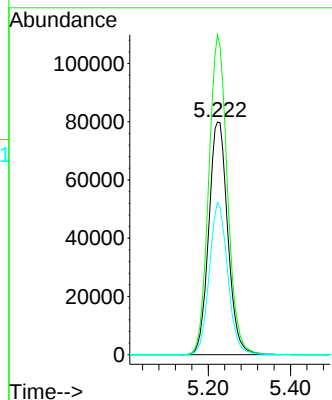
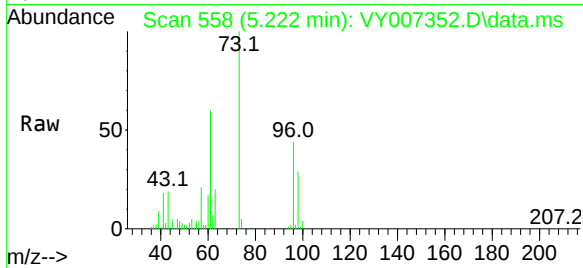




#21  
trans-1,2-Dichloroethene  
Concen: 141.497 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

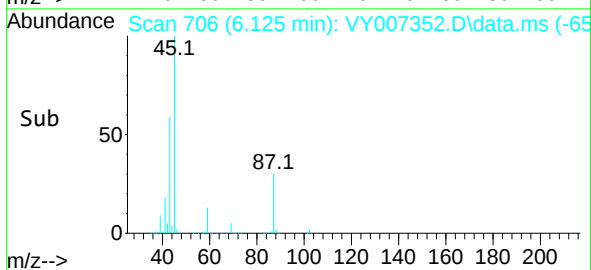
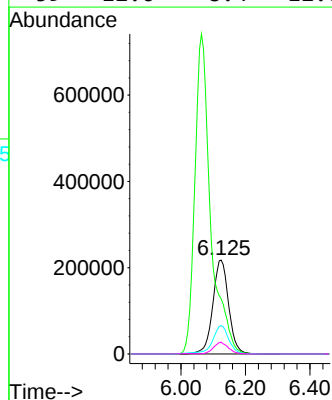
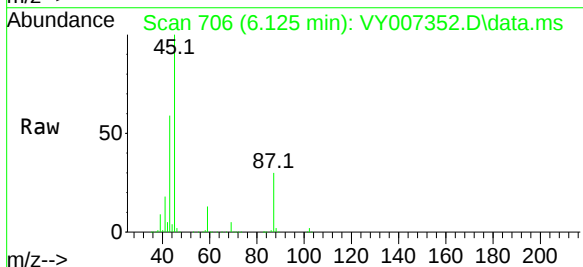
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

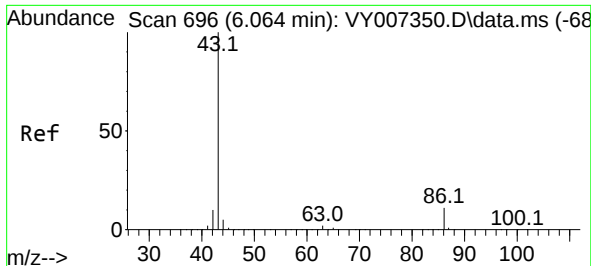
Tgt Ion: 96 Resp: 256000  
Ion Ratio Lower Upper  
96 100  
61 137.5 120.5 180.7  
98 65.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 140.889 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 45 Resp: 741534  
Ion Ratio Lower Upper  
45 100  
43 58.8 49.3 73.9  
87 30.2 19.2 28.8#  
59 12.6 8.4 12.6

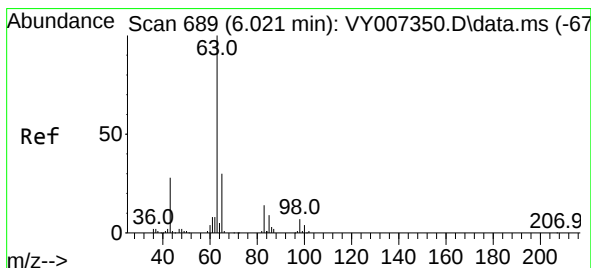
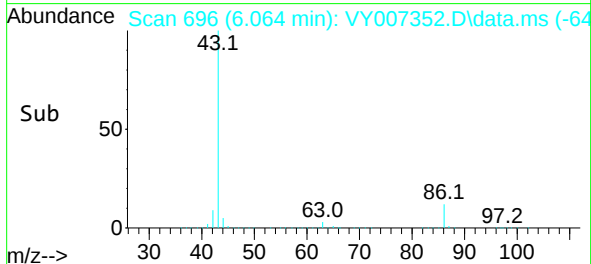
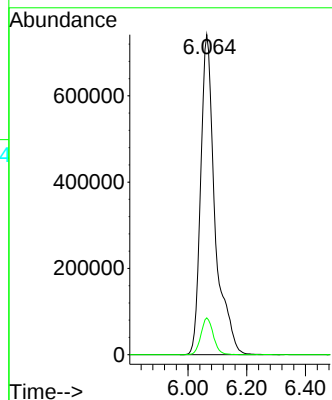
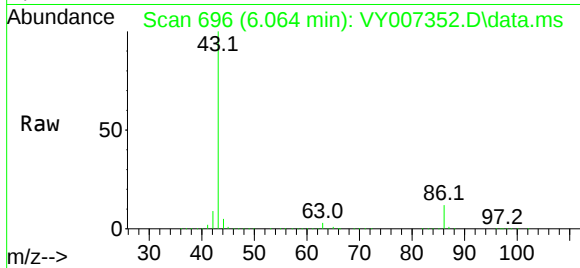




#23  
 Vinyl Acetate  
 Concen: 732.584 ug/l  
 RT: 6.064 min Scan# 696  
 Delta R.T. 0.000 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

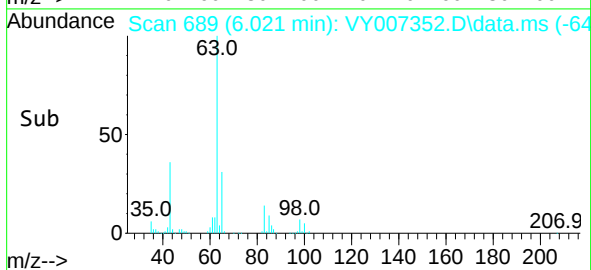
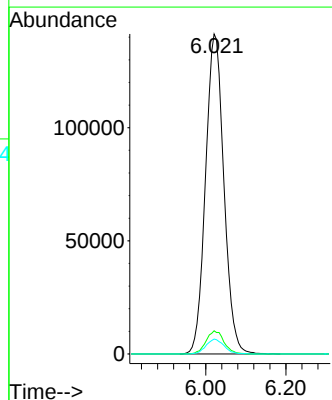
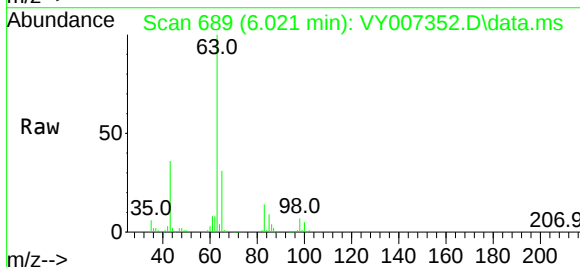
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

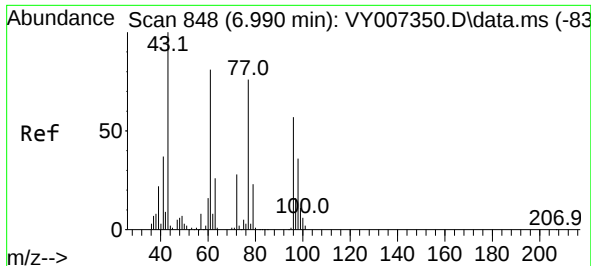
Tgt Ion: 43 Resp: 2514639  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 141.340 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

Tgt Ion: 63 Resp: 449287  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.8  
 100 4.6 2.0 5.8

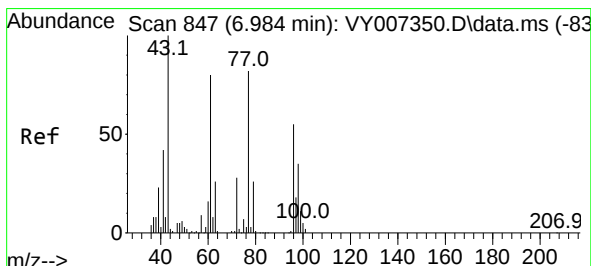
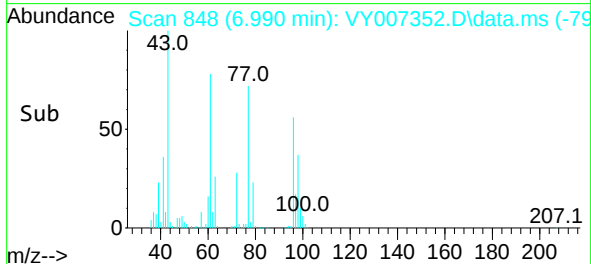
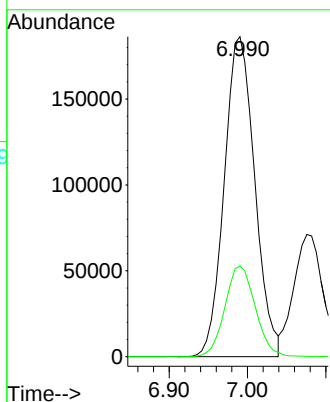
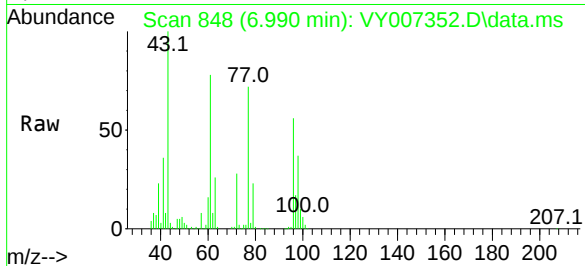




#25  
2-Butanone  
Concen: 795.520 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

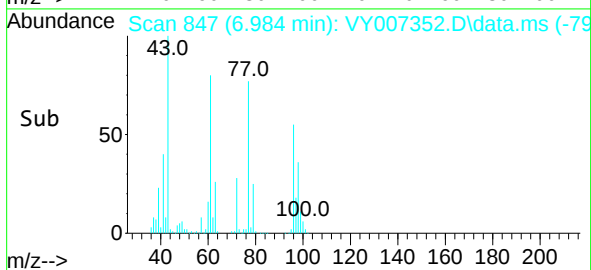
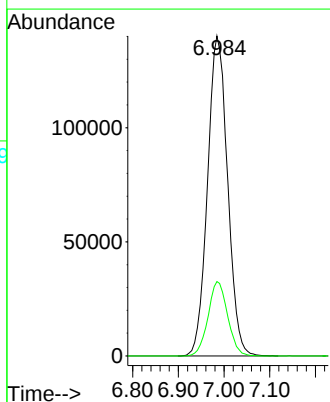
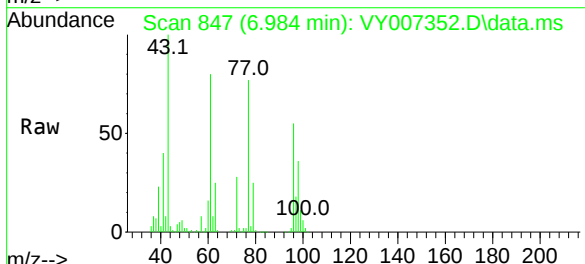
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

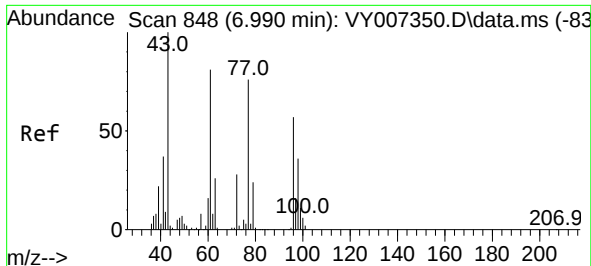
Tgt Ion: 43 Resp: 504507  
Ion Ratio Lower Upper  
43 100  
72 28.4 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 140.781 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 77 Resp: 428202  
Ion Ratio Lower Upper  
77 100  
97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 143.082 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

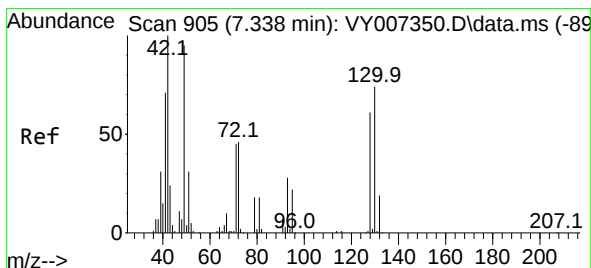
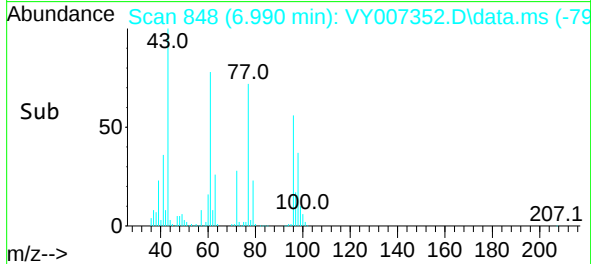
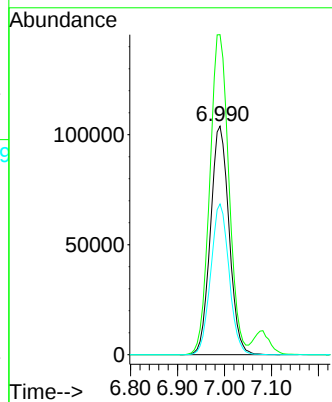
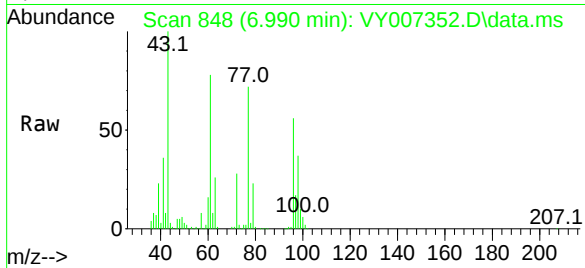
Tgt Ion: 96 Resp: 285936

Ion Ratio Lower Upper

96 100

61 143.5 0.0 319.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 151.264 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

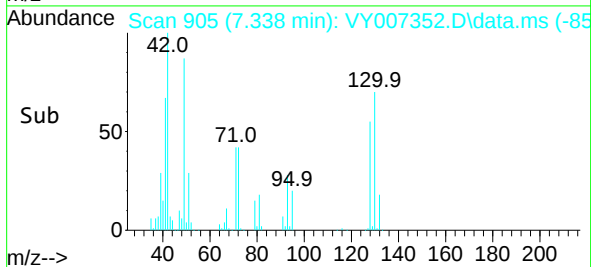
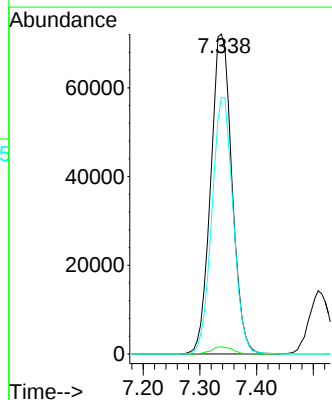
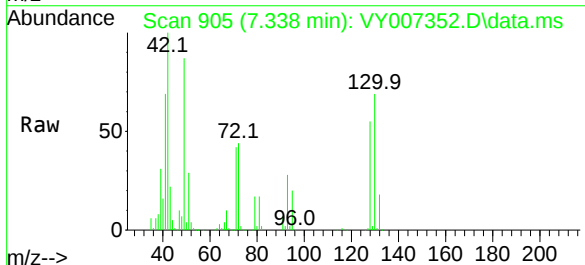
Tgt Ion: 49 Resp: 188009

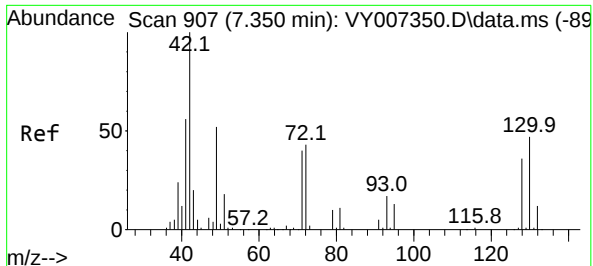
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 80.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 742.127 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

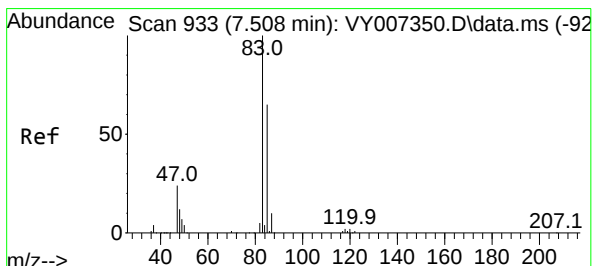
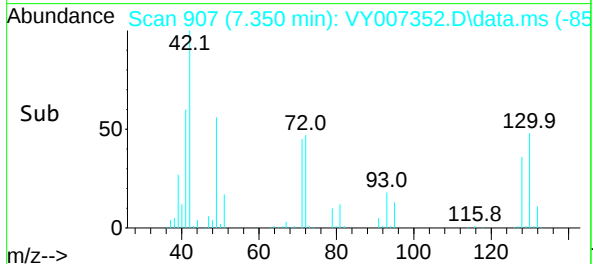
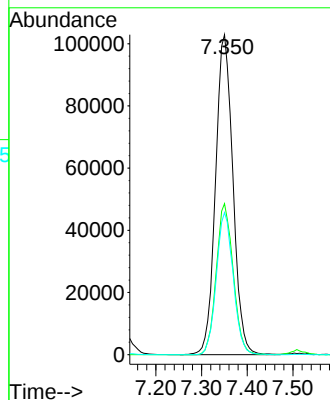
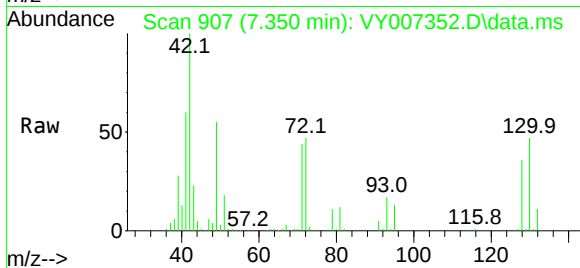
Tgt Ion: 42 Resp: 271964

Ion Ratio Lower Upper

42 100

72 45.9 30.3 45.5#

71 43.1 29.0 43.4



#30

Chloroform

Concen: 141.883 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007352.D

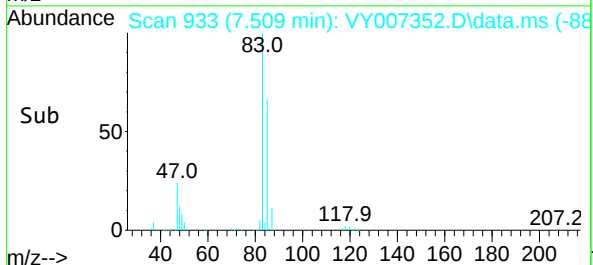
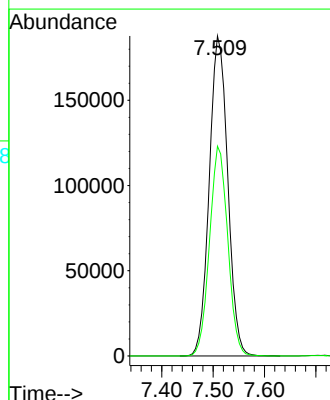
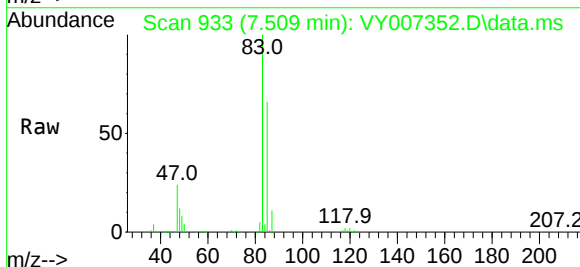
Acq: 02 Feb 2022 13:09

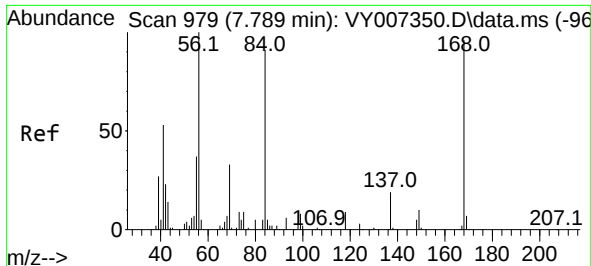
Tgt Ion: 83 Resp: 469169

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

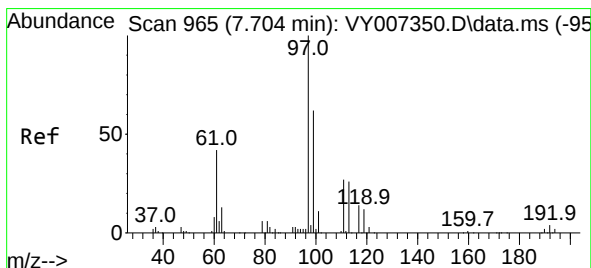
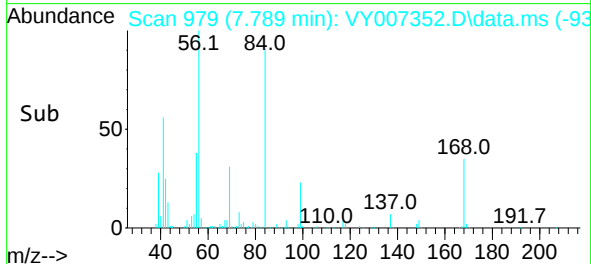
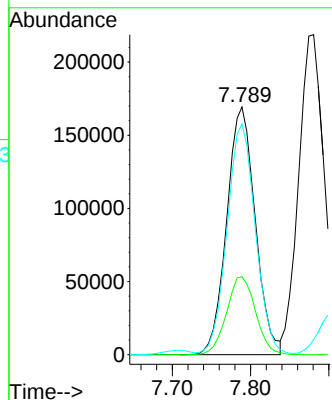
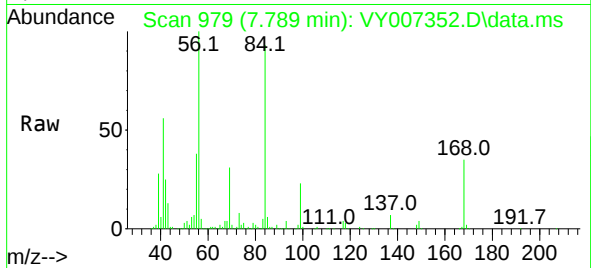




#31  
Cyclohexane  
Concen: 135.933 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

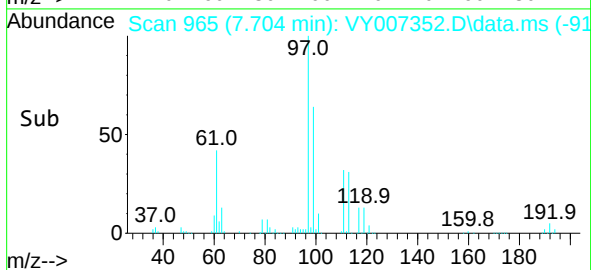
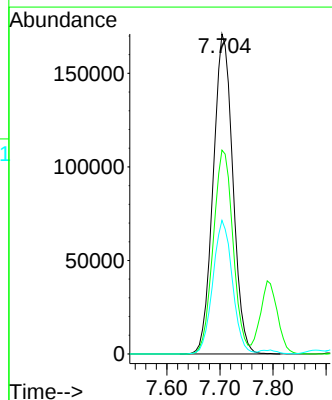
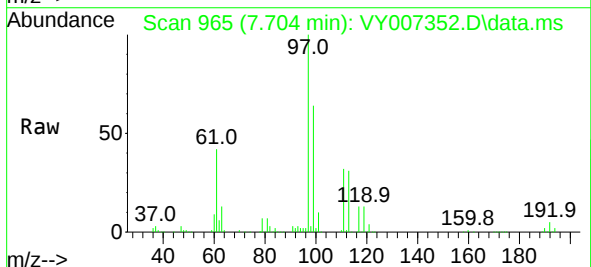
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

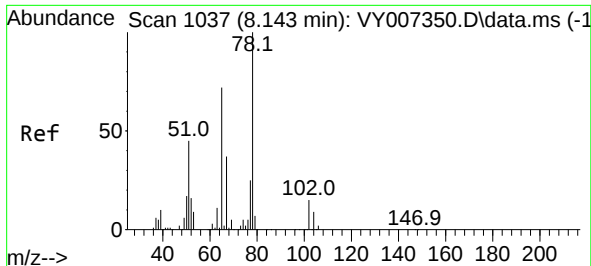
Tgt Ion: 56 Resp: 428687  
Ion Ratio Lower Upper  
56 100  
69 31.5 26.7 40.1  
84 91.4 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 143.308 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 97 Resp: 440430  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.7 76.1  
61 41.5 37.6 56.4

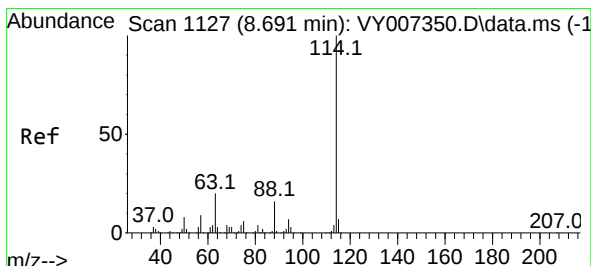
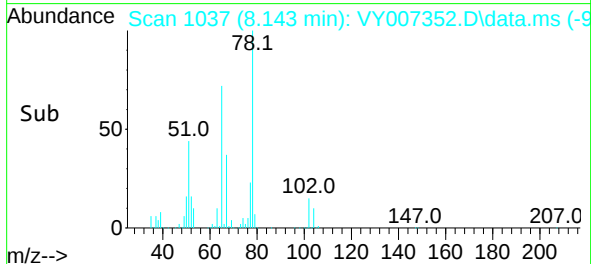
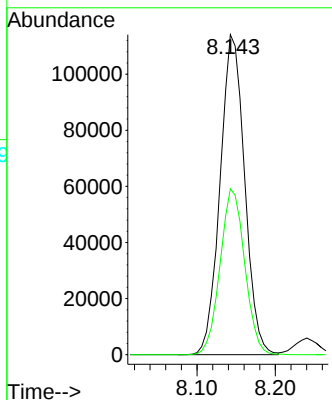
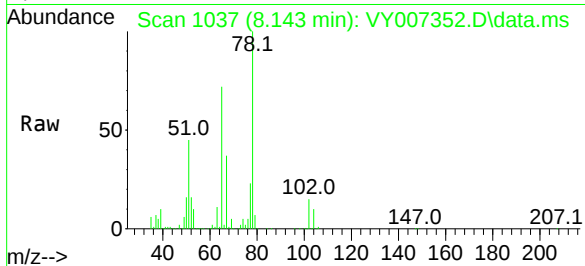




#33  
 1,2-Dichloroethane-d4  
 Concen: 153.717 ug/l  
 RT: 8.143 min Scan# 1037  
 Delta R.T. 0.000 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

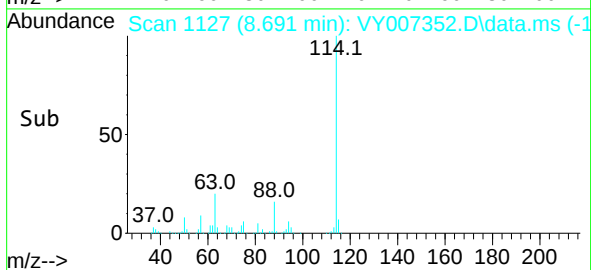
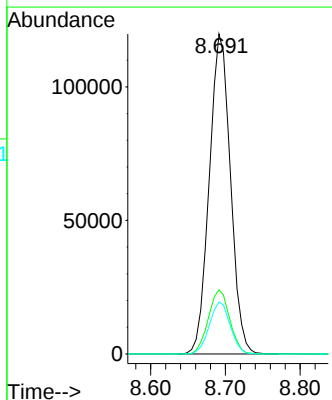
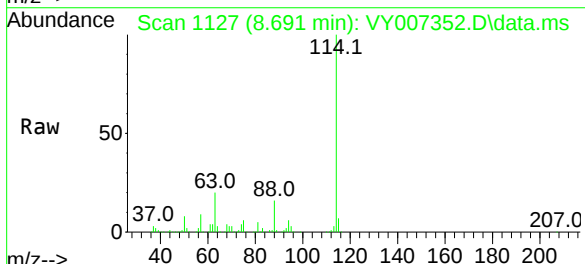
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

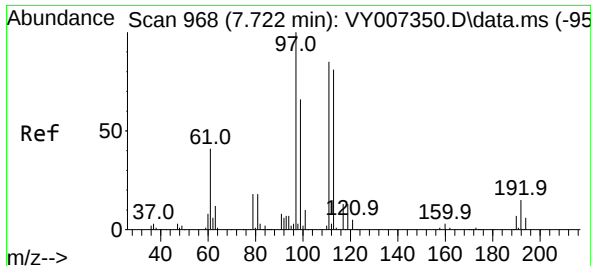
Tgt Ion: 65 Resp: 248439  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

Tgt Ion: 114 Resp: 235722  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 43.2  
 88 16.2 0.0 31.8

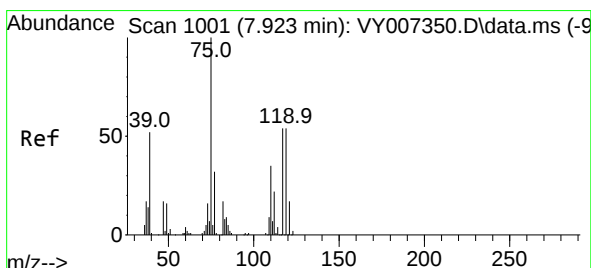
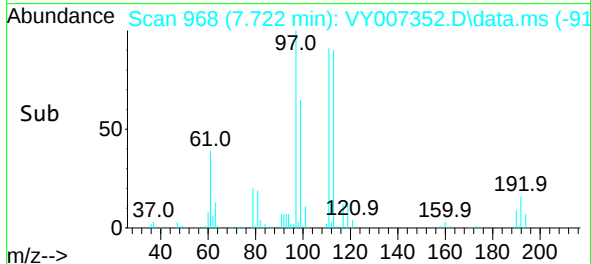
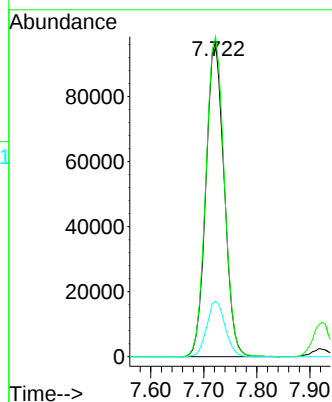
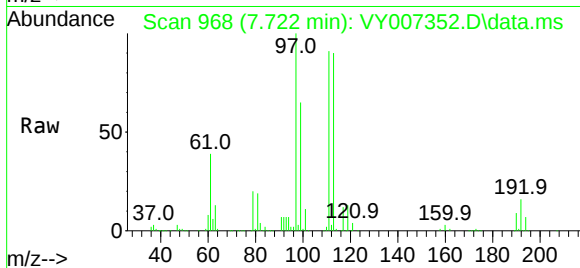




#35  
Dibromofluoromethane  
Concen: 152.522 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

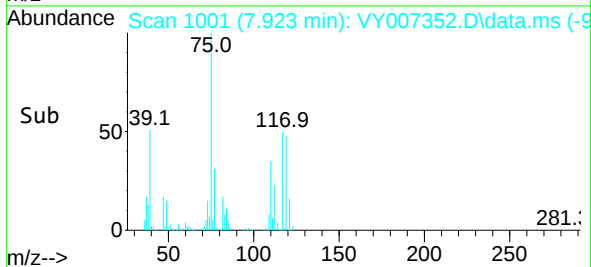
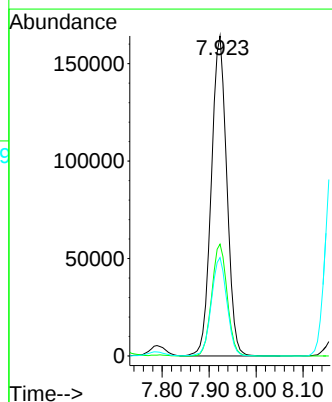
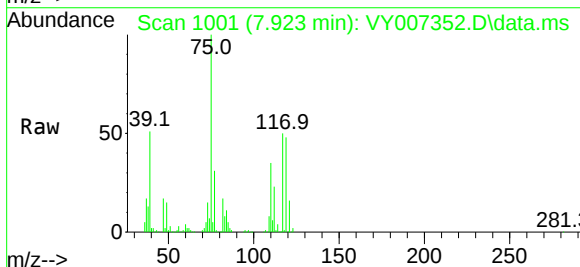
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

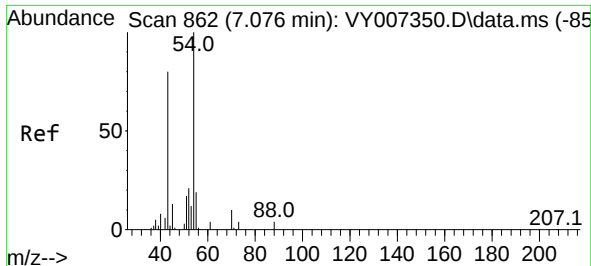
Tgt Ion:113 Resp: 230866  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.6 124.0  
192 17.8 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 141.749 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 75 Resp: 375103  
Ion Ratio Lower Upper  
75 100  
110 34.7 17.1 51.2  
77 30.9 24.4 36.6

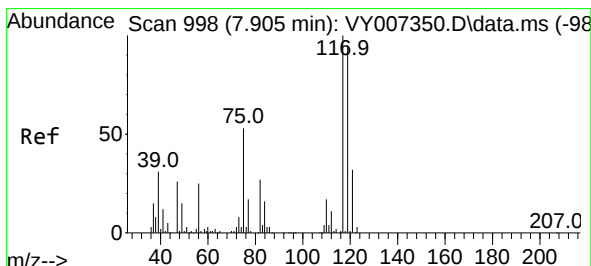
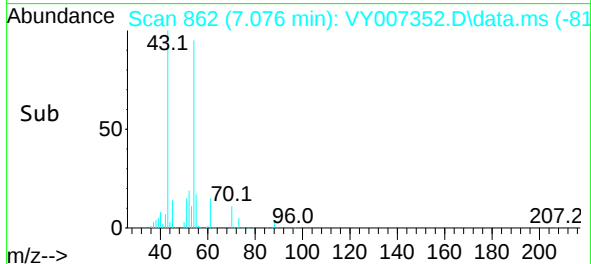
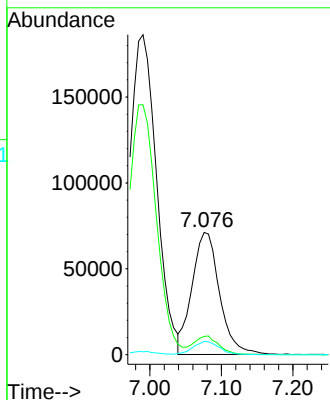
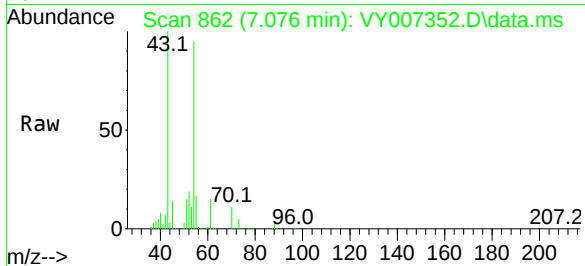




#37  
Ethyl Acetate  
Concen: 144.228 ug/l  
RT: 7.076 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

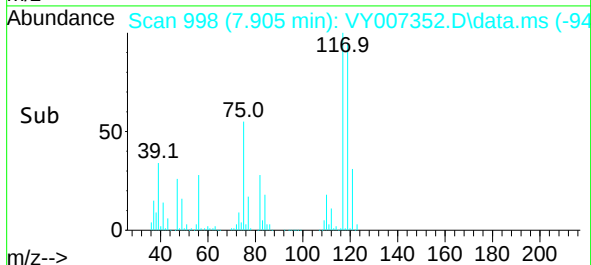
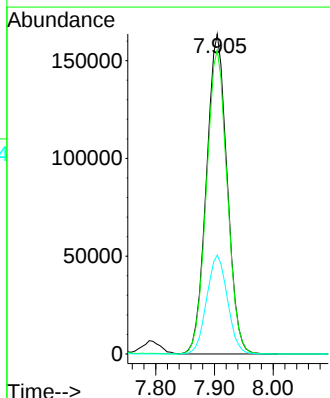
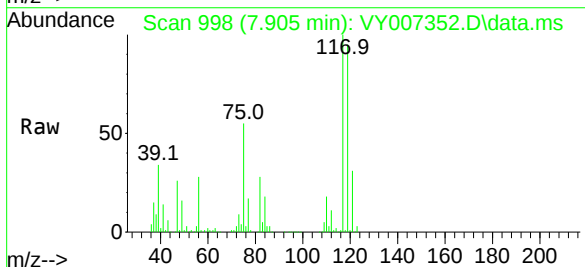
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

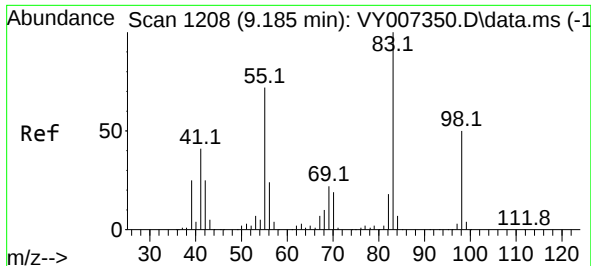
Tgt Ion: 43 Resp: 189745  
Ion Ratio Lower Upper  
43 100  
61 13.7 9.7 14.5  
70 10.4 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 143.951 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 117 Resp: 400206  
Ion Ratio Lower Upper  
117 100  
119 95.0 77.9 116.9  
121 30.9 24.8 37.2

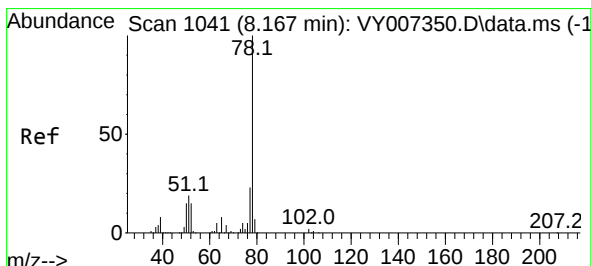
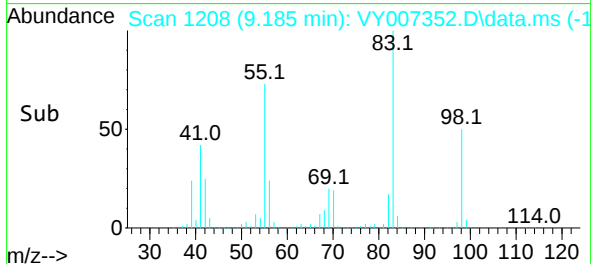
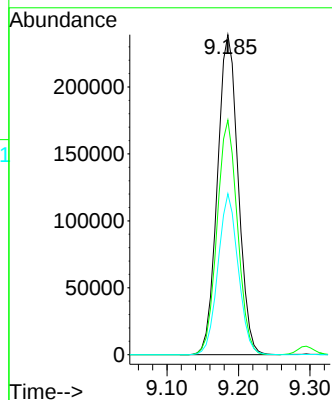
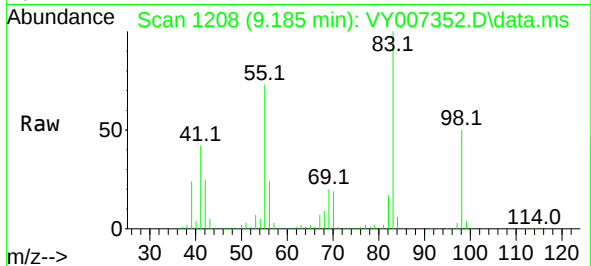




#39  
Methylcyclohexane  
Concen: 144.926 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

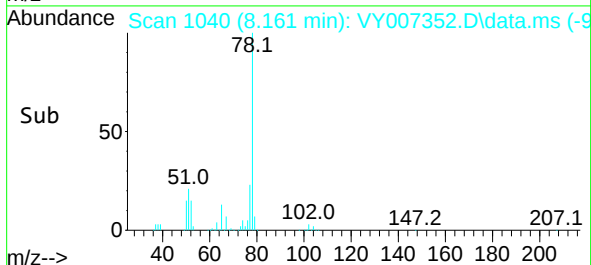
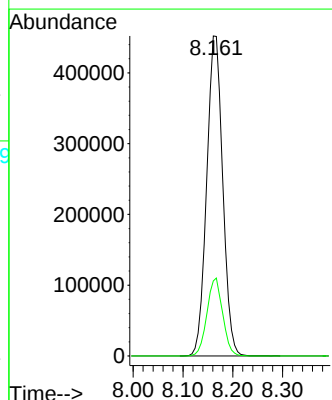
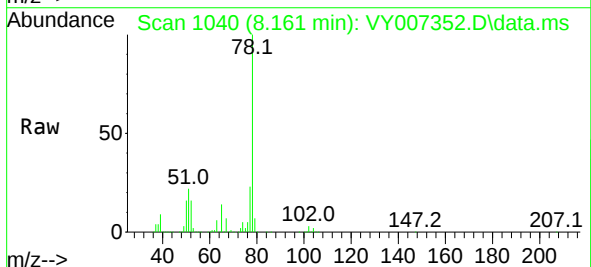
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC150

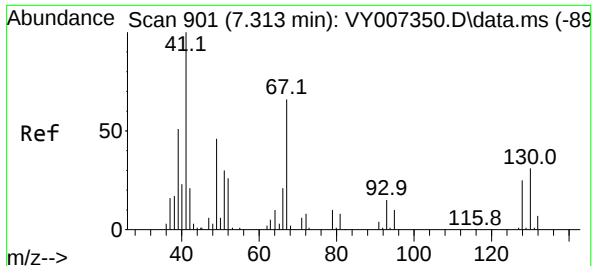
Tgt Ion: 83 Resp: 481626  
Ion Ratio Lower Upper  
83 100  
55 73.3 66.5 99.7  
98 50.3 37.9 56.9



#40  
Benzene  
Concen: 143.910 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 78 Resp: 1009430  
Ion Ratio Lower Upper  
78 100  
77 23.5 20.4 30.6

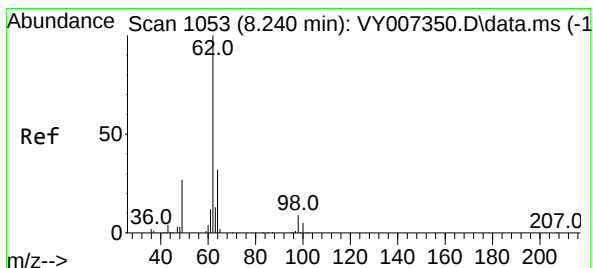
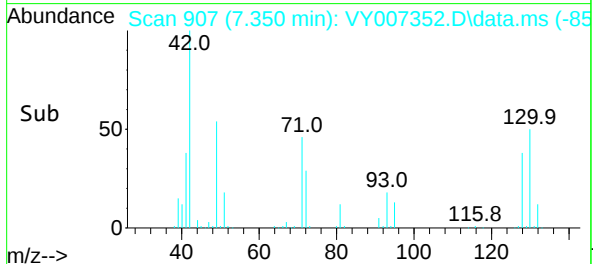
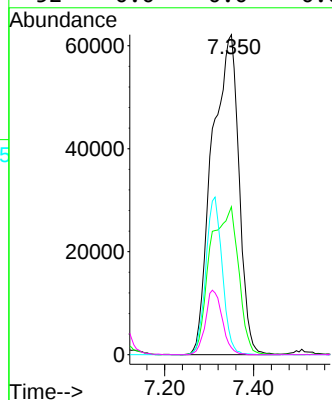
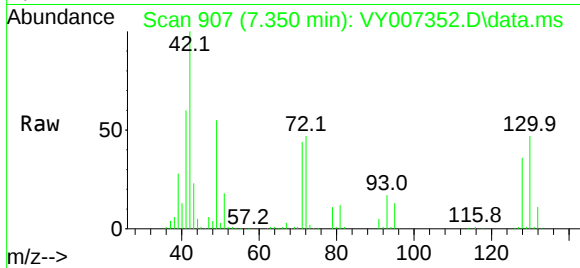




#41  
Methacrylonitrile  
Concen: 309.867 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.037 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

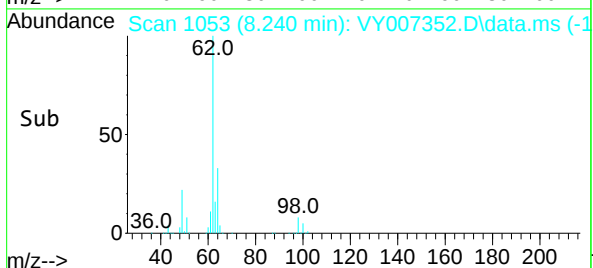
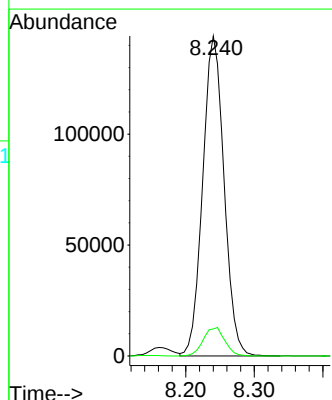
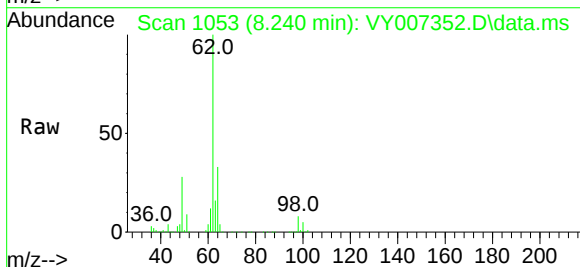
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

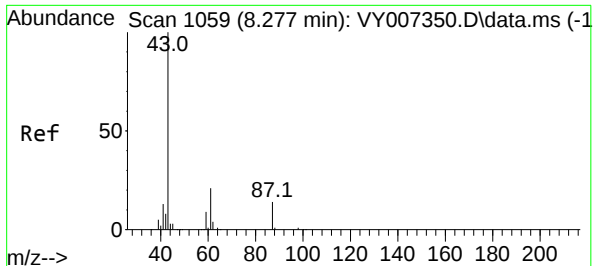
Tgt Ion: 41 Resp: 259418  
Ion Ratio Lower Upper  
41 100  
39 48.9 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 146.516 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 62 Resp: 312408  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 14.8

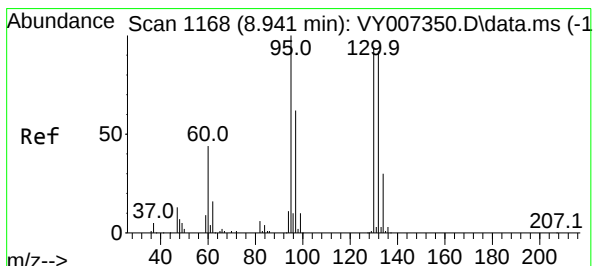
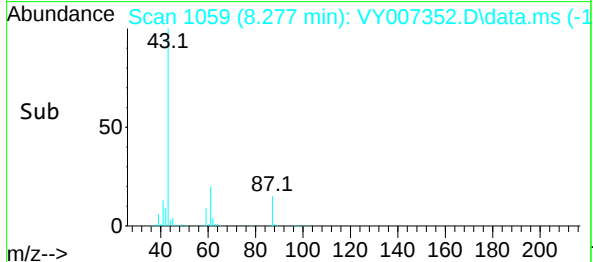
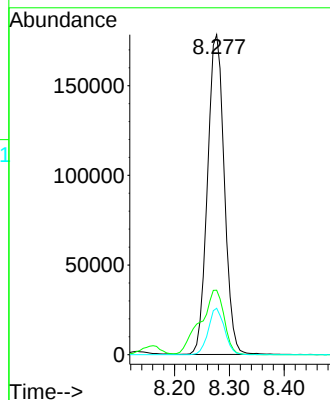
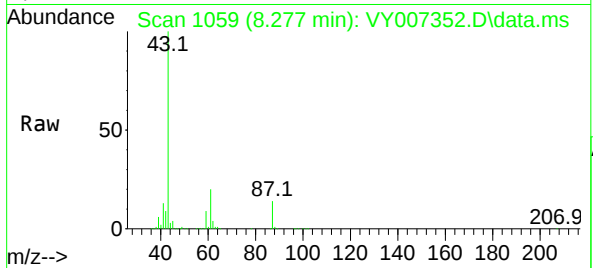




#43  
Isopropyl Acetate  
Concen: 153.786 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

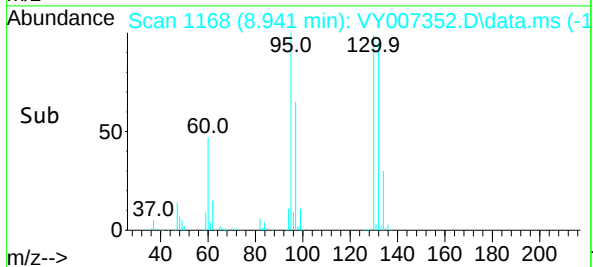
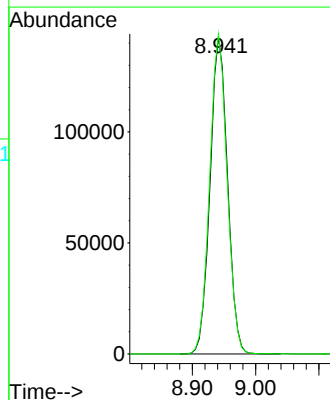
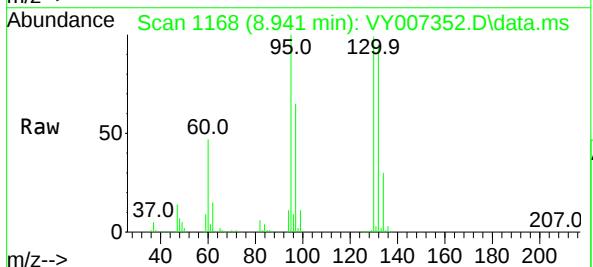
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

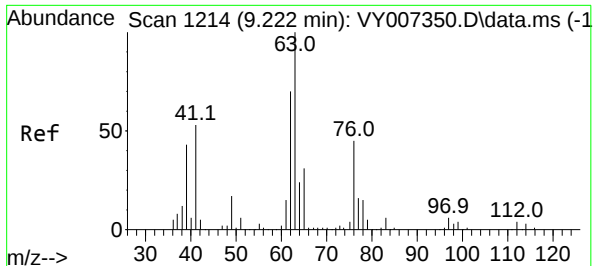
Tgt Ion: 43 Resp: 378364  
Ion Ratio Lower Upper  
43 100  
61 28.6 20.2 30.2  
87 14.0 8.9 13.3#



#44  
Trichloroethene  
Concen: 144.364 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion:130 Resp: 273793  
Ion Ratio Lower Upper  
130 100  
95 100.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 142.968 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

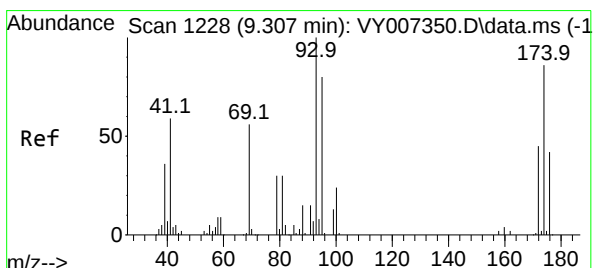
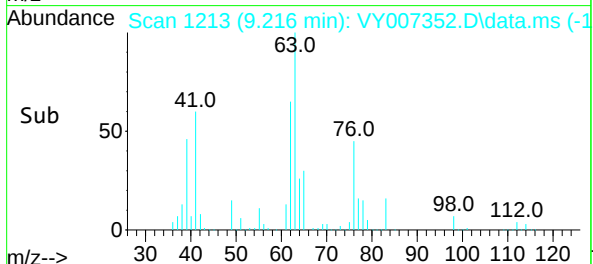
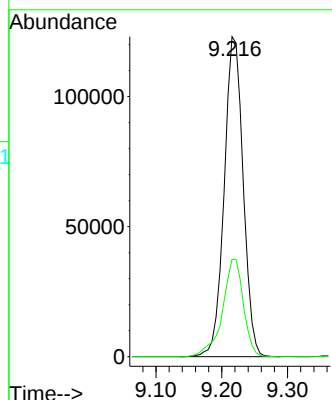
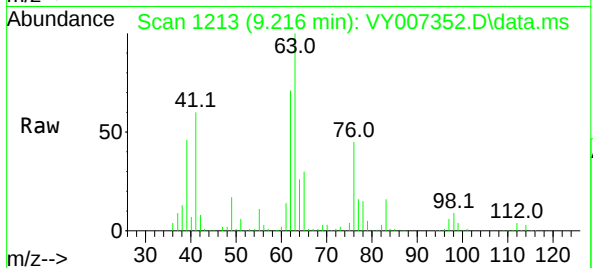
VSTDIC150

Tgt Ion: 63 Resp: 247276

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 145.931 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

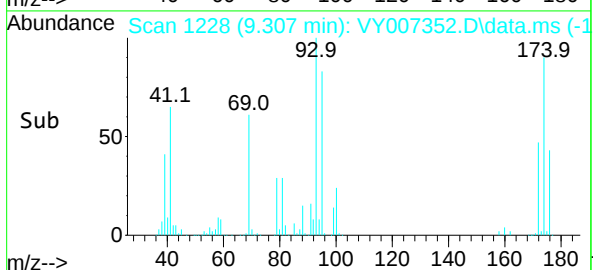
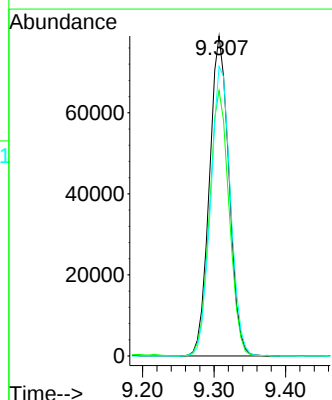
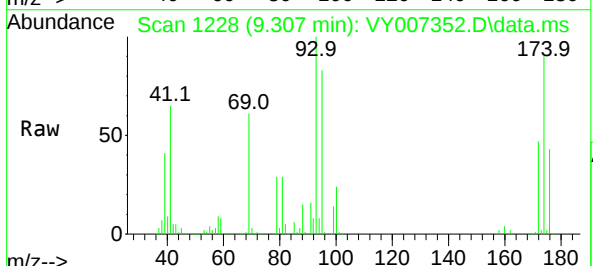
Tgt Ion: 93 Resp: 150166

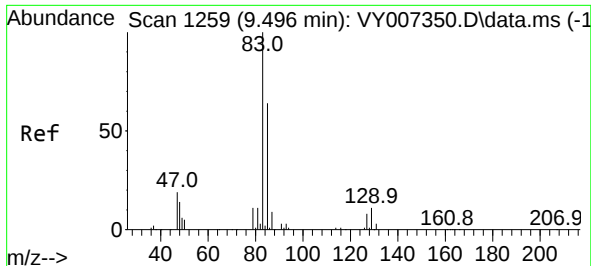
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

174 91.5 83.4 125.0

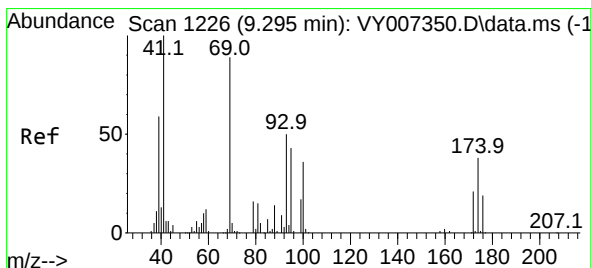
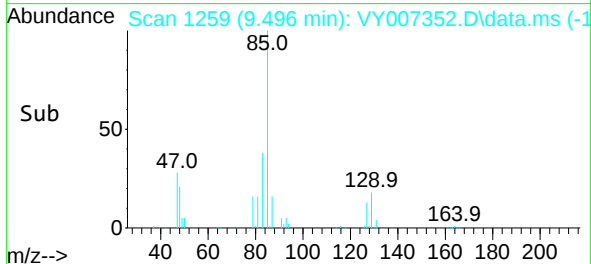
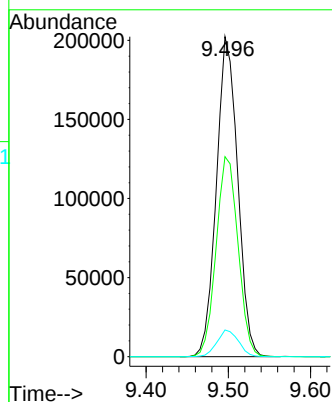
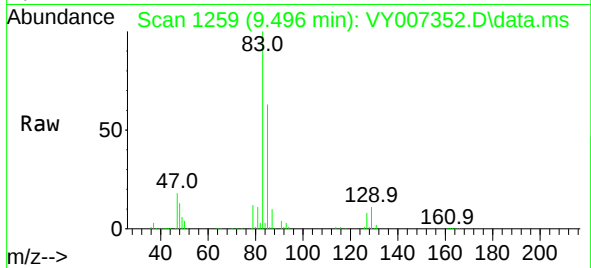




#47  
Bromodichloromethane  
Concen: 146.585 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

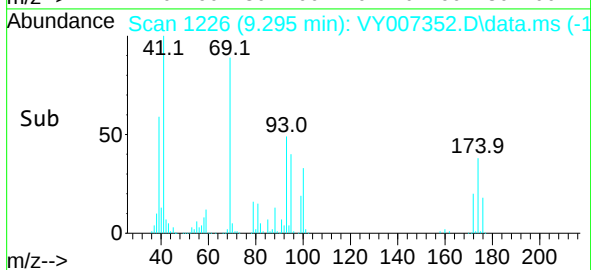
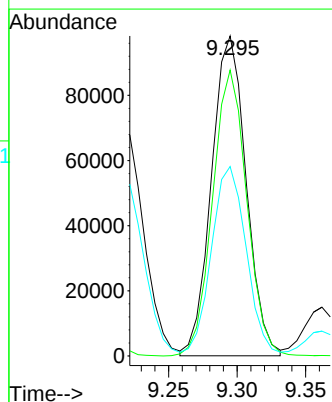
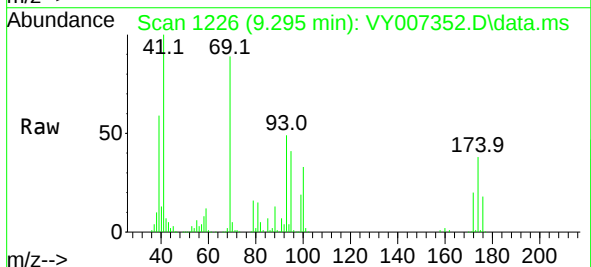
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

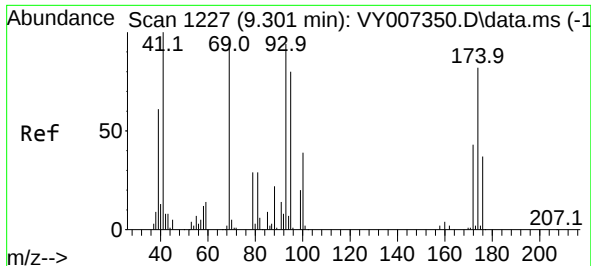
Tgt Ion: 83 Resp: 364757  
Ion Ratio Lower Upper  
83 100  
85 62.5 51.9 77.9  
127 8.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 155.076 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 41 Resp: 172547  
Ion Ratio Lower Upper  
41 100  
69 88.3 58.2 87.2#  
39 57.6 47.4 71.0

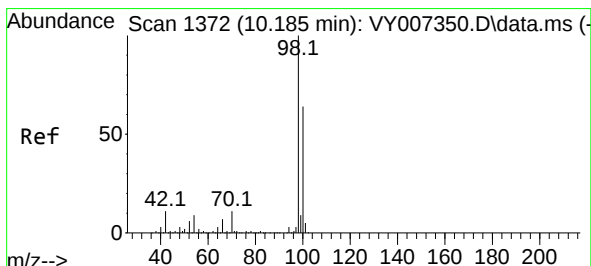
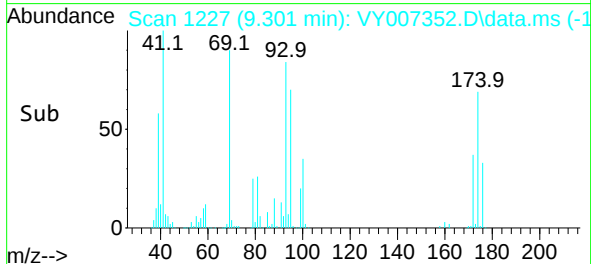
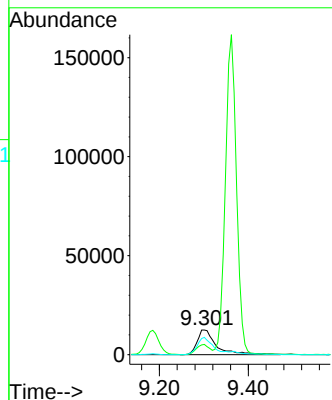
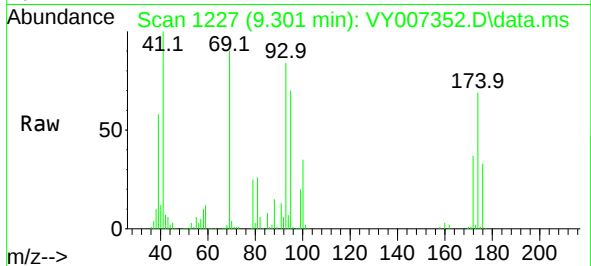




#49  
1,4-Dioxane  
Concen: 3348.978 ug/l  
RT: 9.301 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

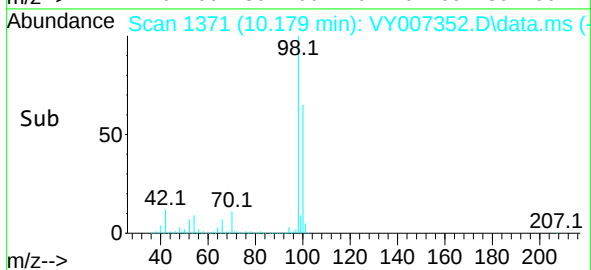
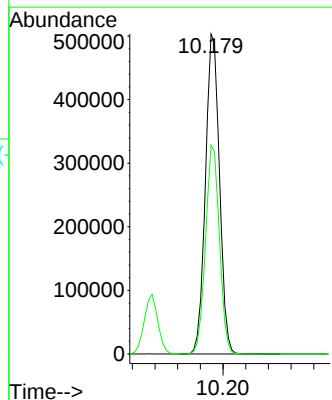
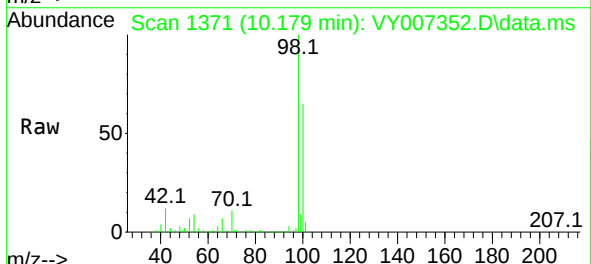
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

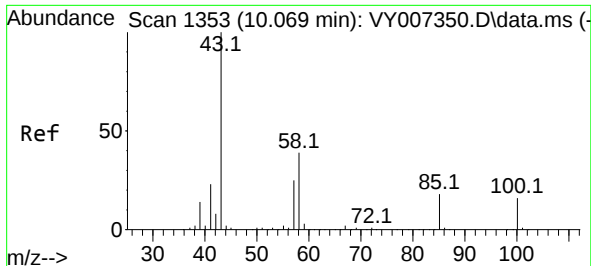
Tgt Ion: 88 Resp: 37749  
Ion Ratio Lower Upper  
88 100  
43 28.3 32.8 49.2#  
58 57.9 59.8 89.6#



#50  
Toluene-d8  
Concen: 154.403 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 98 Resp: 863459  
Ion Ratio Lower Upper  
98 100  
100 64.7 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 766.751 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

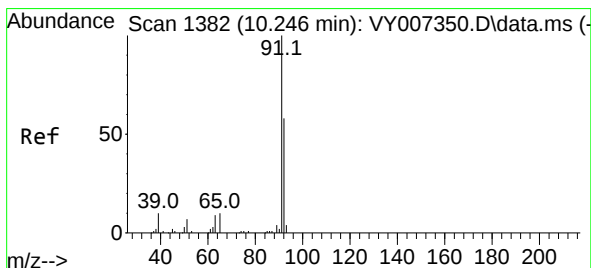
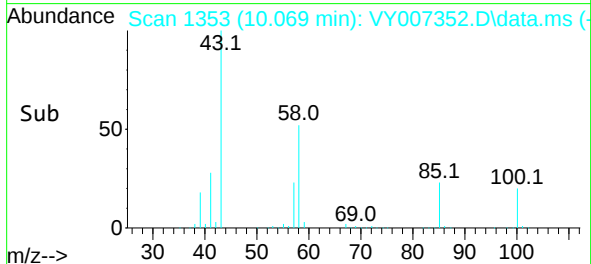
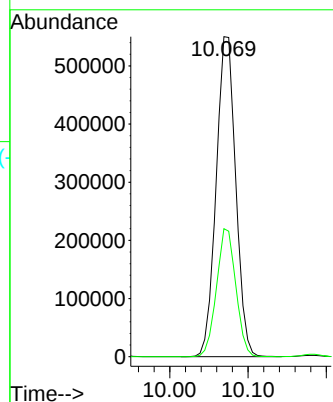
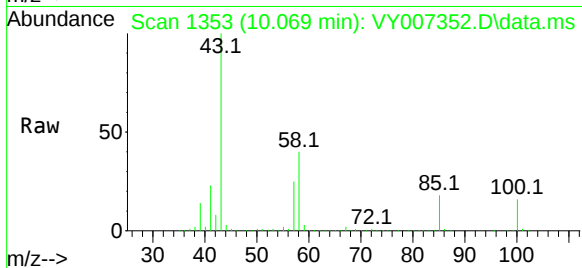
VSTDIC150

Tgt Ion: 43 Resp: 956750

Ion Ratio Lower Upper

43 100

58 39.5 28.1 42.1



#52

Toluene

Concen: 143.490 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY007352.D

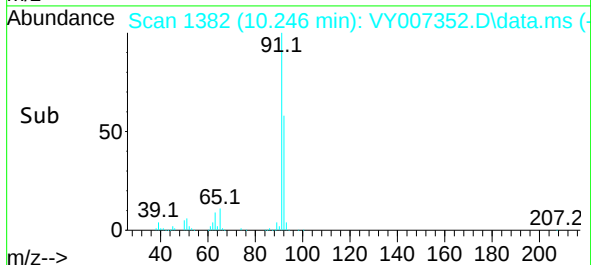
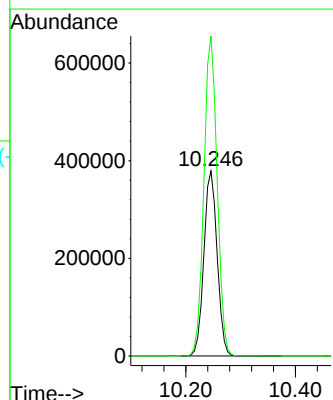
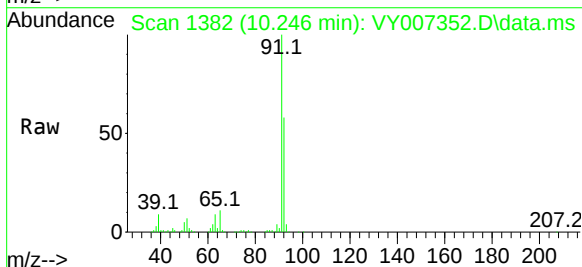
Acq: 02 Feb 2022 13:09

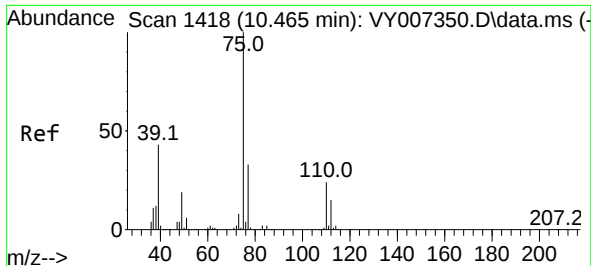
Tgt Ion: 92 Resp: 634145

Ion Ratio Lower Upper

92 100

91 172.9 142.6 213.8

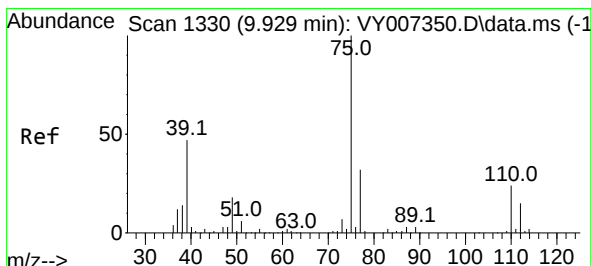
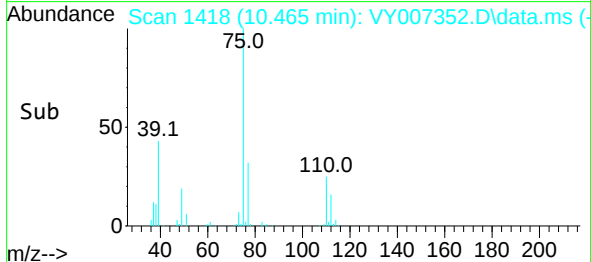
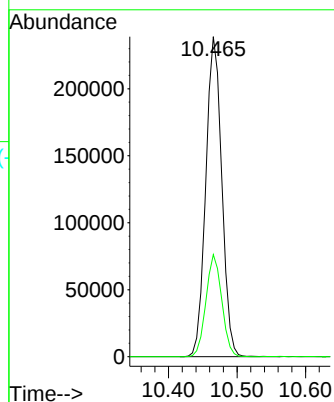
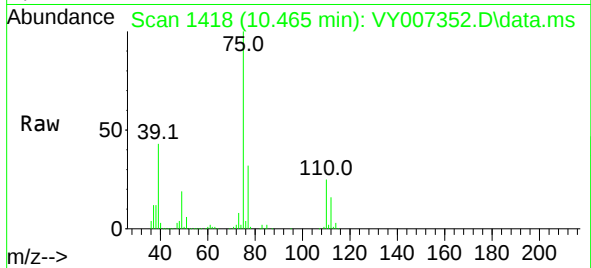




#53  
 t-1,3-Dichloropropene  
 Concen: 149.130 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

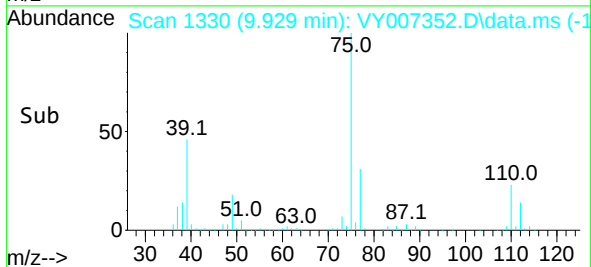
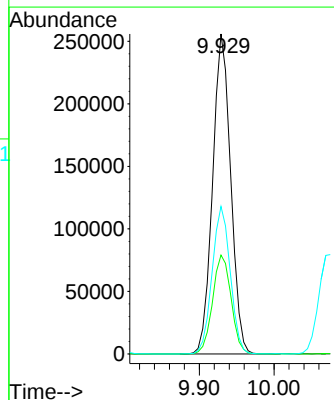
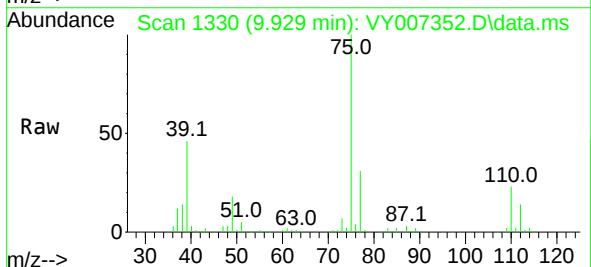
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

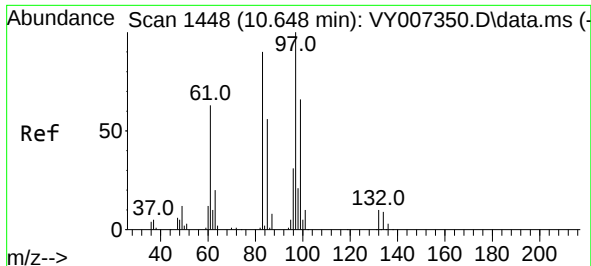
Tgt Ion: 75 Resp: 387674  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 147.744 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.000 min  
 Lab File: VY007352.D  
 Acq: 02 Feb 2022 13:09

Tgt Ion: 75 Resp: 430186  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.6 38.4  
 39 46.1 47.6 71.4#



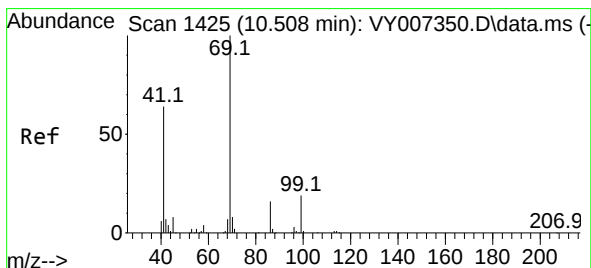
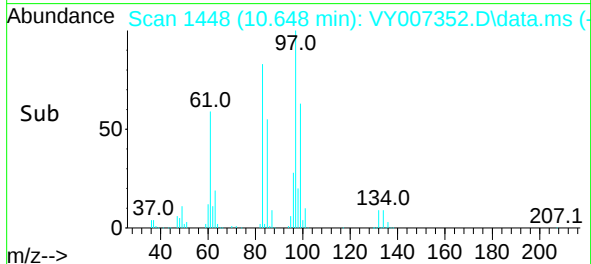
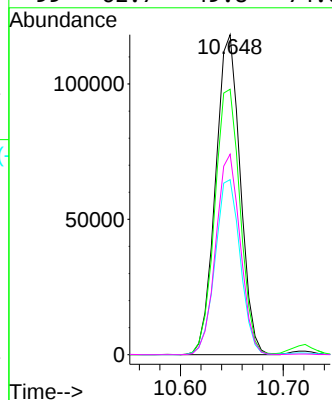
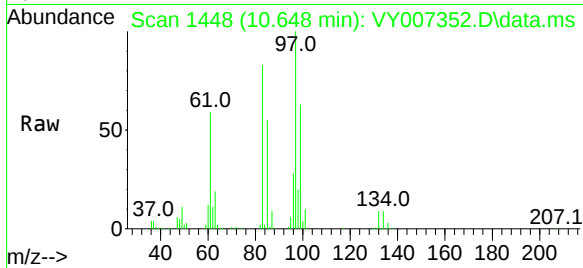


#55  
1,1,2-Trichloroethane  
Concen: 145.951 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

Tgt Ion: 97 Resp: 197249

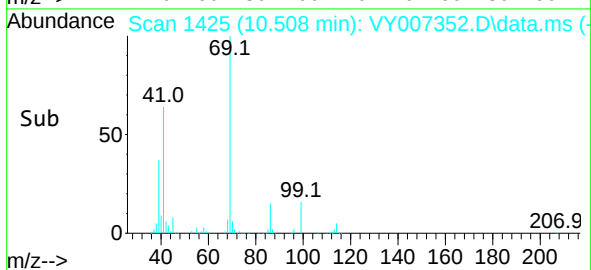
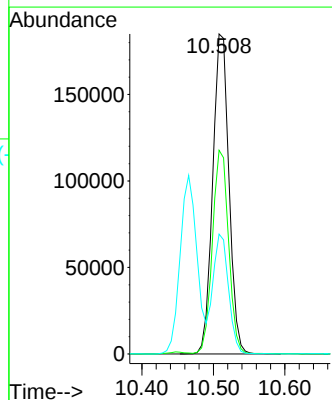
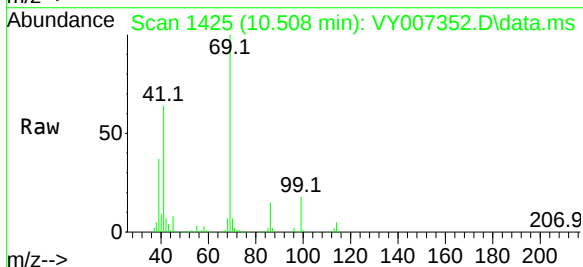
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.9  | 69.8  | 104.8 |
| 85  | 54.7  | 44.3  | 66.5  |
| 99  | 62.7  | 49.8  | 74.6  |

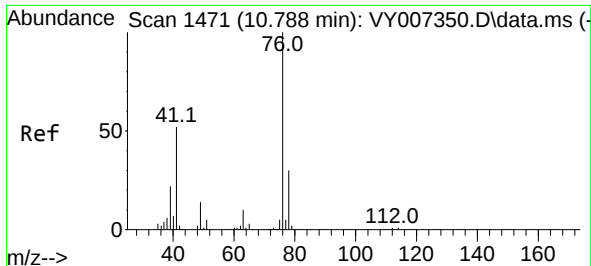


#56  
Ethyl methacrylate  
Concen: 155.099 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 69 Resp: 291140

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.3  | 63.4  | 95.0# |
| 39  | 35.8  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 144.859 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

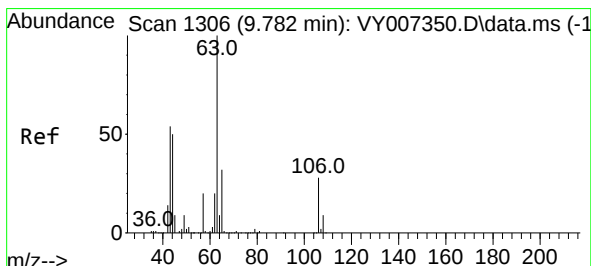
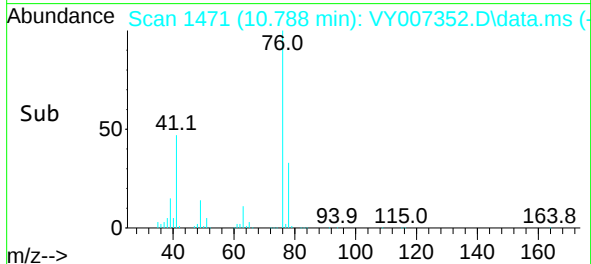
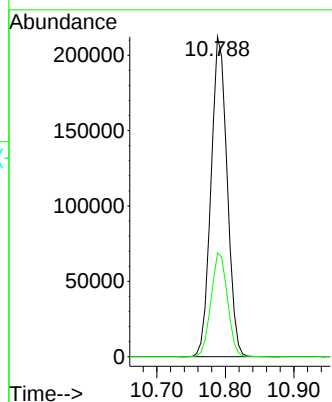
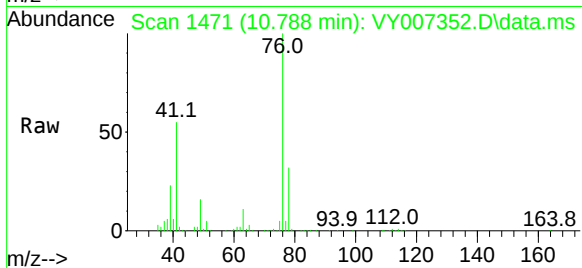
VSTDIC150

Tgt Ion: 76 Resp: 347108

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 782.427 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007352.D

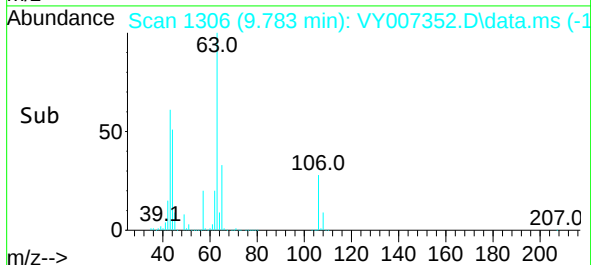
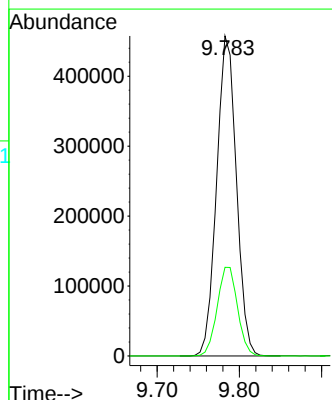
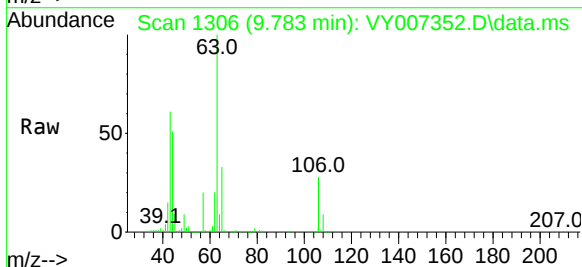
Acq: 02 Feb 2022 13:09

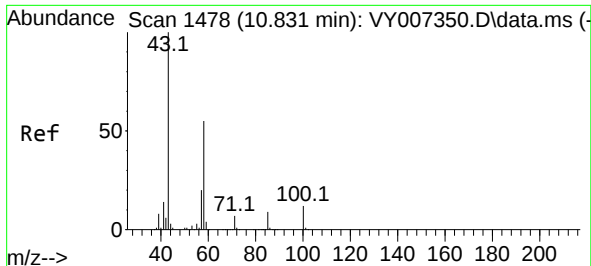
Tgt Ion: 63 Resp: 763997

Ion Ratio Lower Upper

63 100

106 28.6 21.5 32.3





#59

2-Hexanone

Concen: 801.277 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

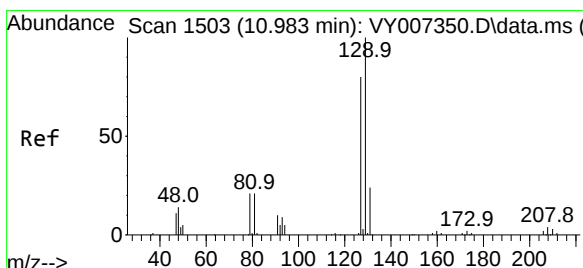
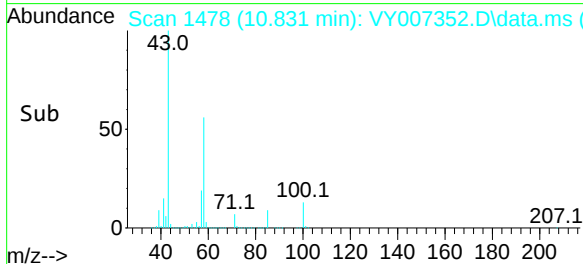
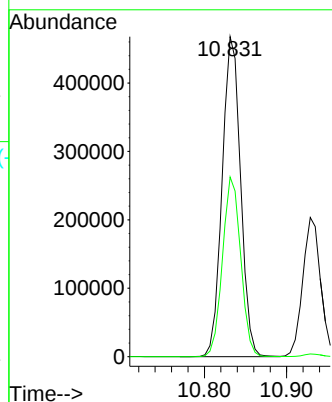
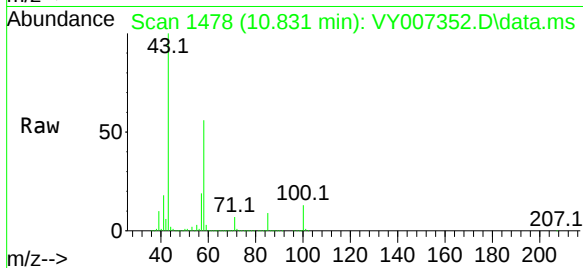
VSTDIC150

Tgt Ion: 43 Resp: 728919

Ion Ratio Lower Upper

43 100

58 55.4 24.4 73.4



#60

Dibromochloromethane

Concen: 148.316 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY007352.D

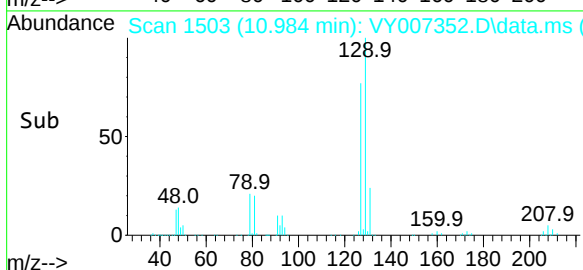
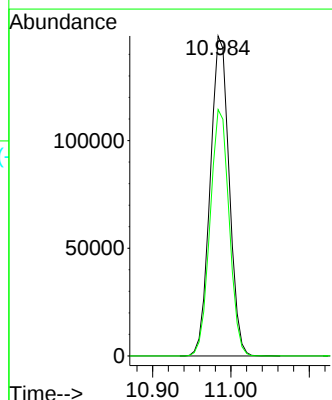
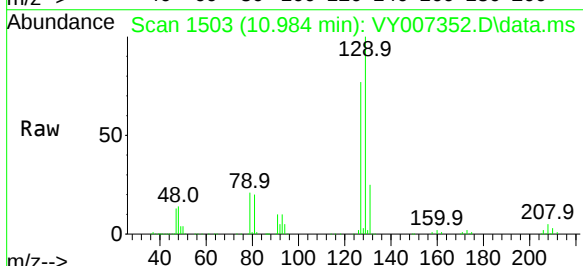
Acq: 02 Feb 2022 13:09

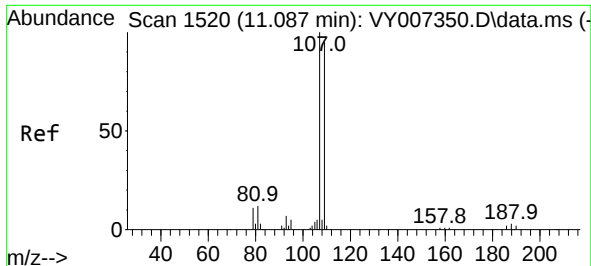
Tgt Ion: 129 Resp: 249543

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

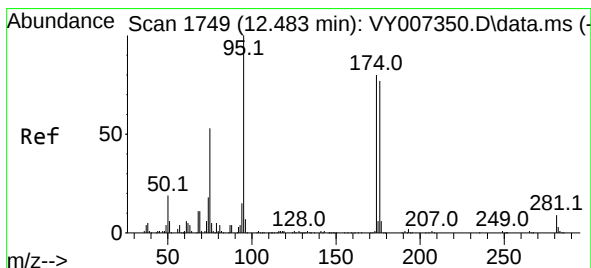
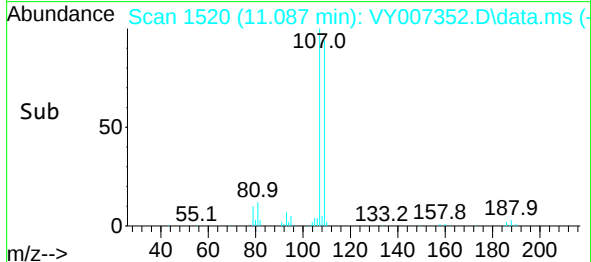
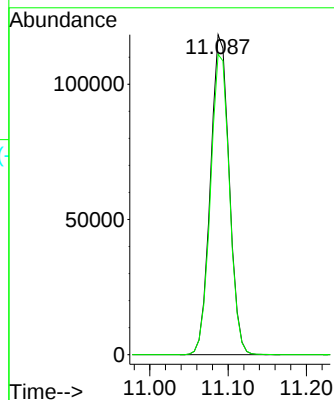
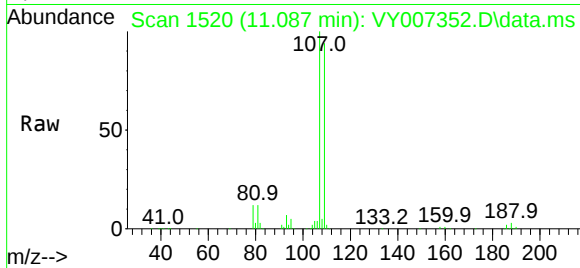




#61  
1,2-Dibromoethane  
Concen: 147.054 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

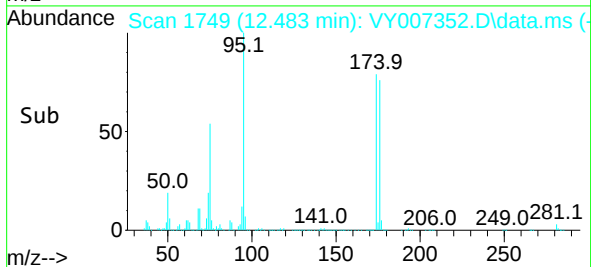
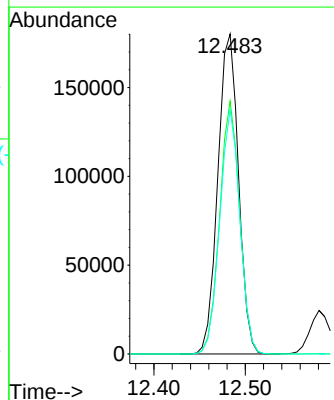
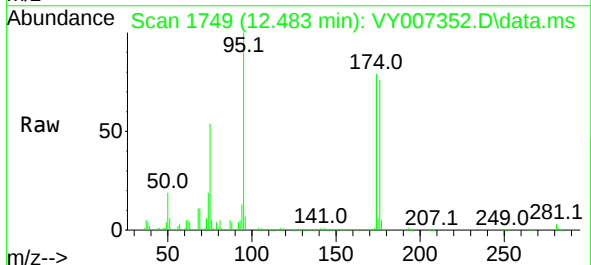
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

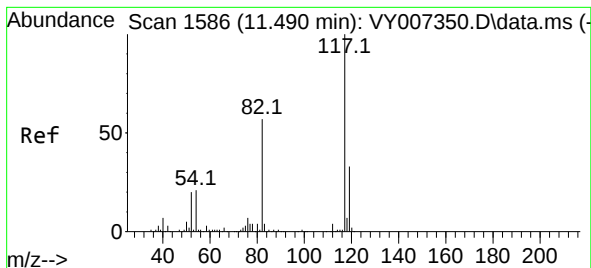
Tgt Ion:107 Resp: 196622  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 148.958 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 95 Resp: 283131  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 177.0  
176 74.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

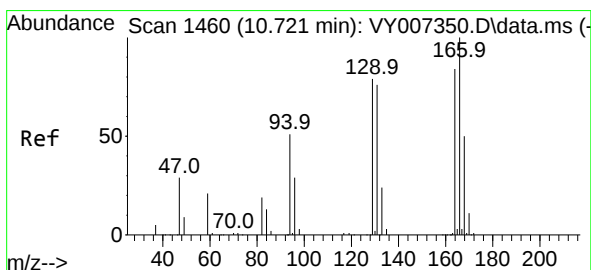
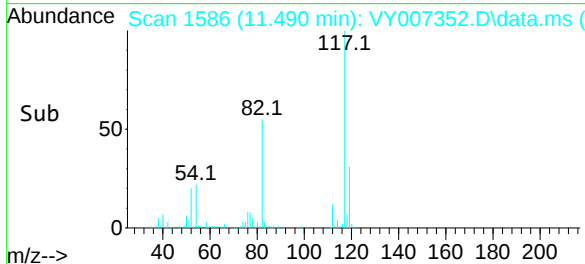
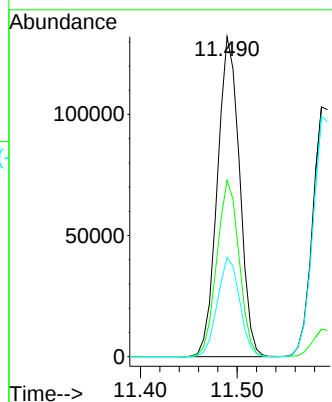
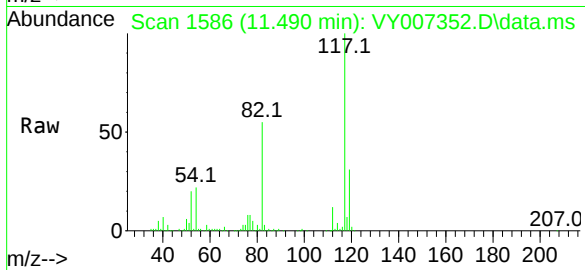
Tgt Ion:117 Resp: 210485

Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.4

119 31.0 25.4 38.0



#64

Tetrachloroethene

Concen: 136.172 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion:164 Resp: 224935

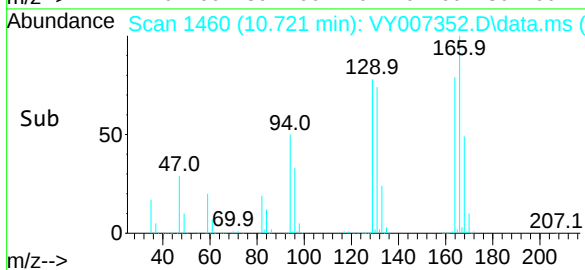
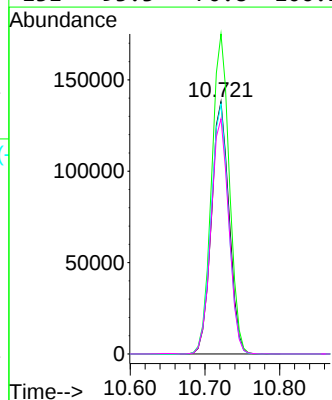
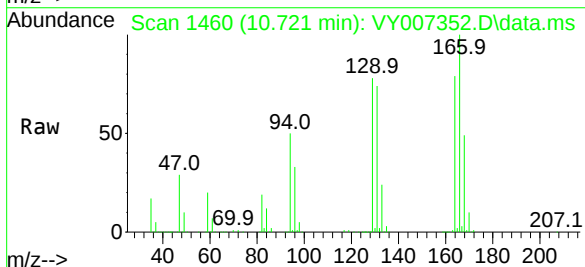
Ion Ratio Lower Upper

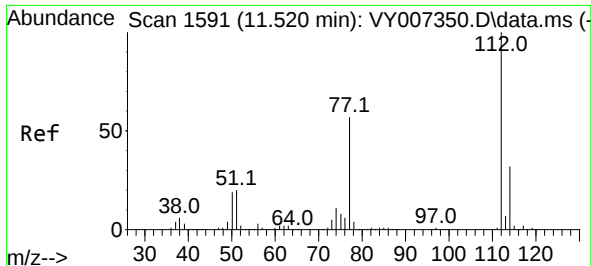
164 100

166 126.8 100.4 150.6

129 99.1 71.4 107.0

131 93.3 70.8 106.2

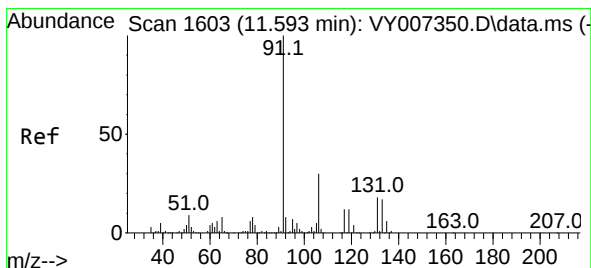
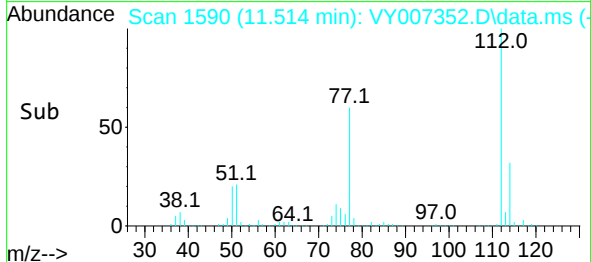
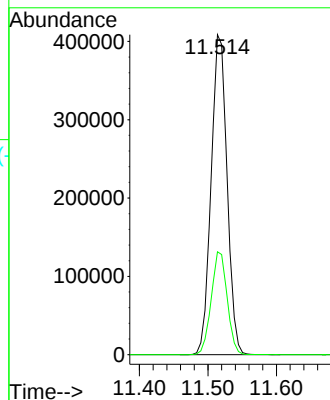
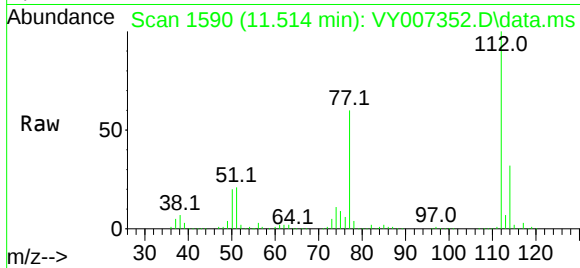




#65  
Chlorobenzene  
Concen: 141.120 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

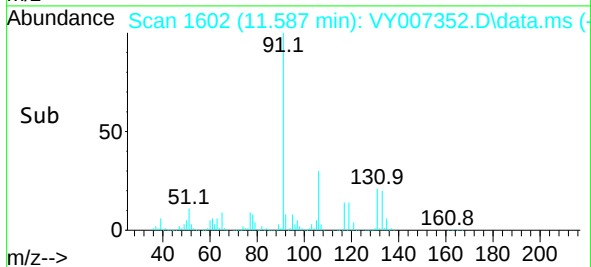
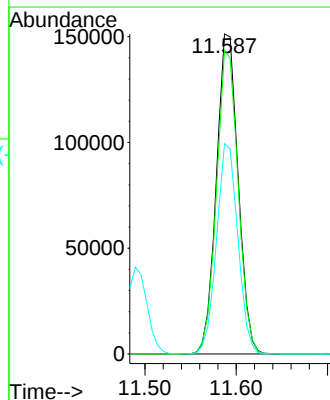
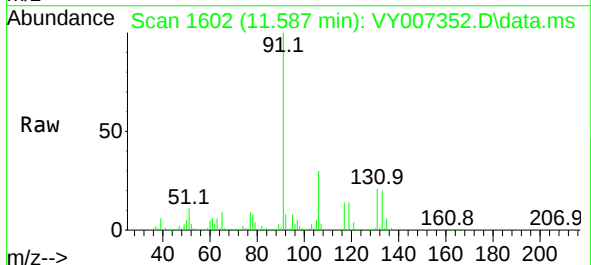
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

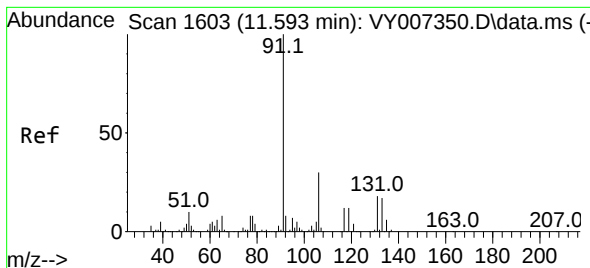
Tgt Ion:112 Resp: 660777  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 143.158 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion:131 Resp: 250233  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.9 143.6  
119 64.5 30.8 92.3





#67

Ethyl Benzene

Concen: 142.111 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

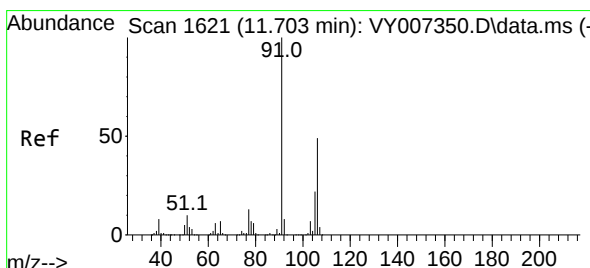
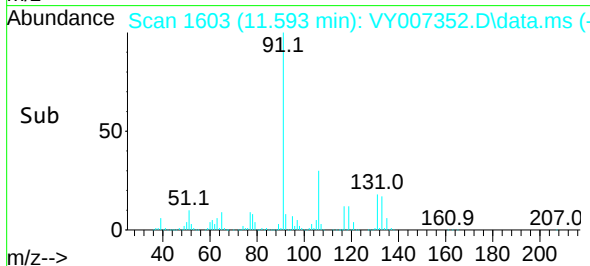
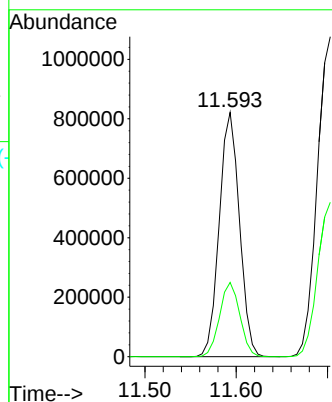
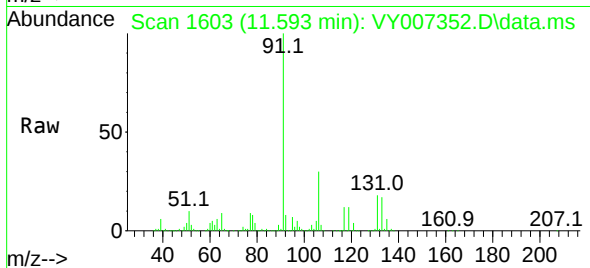
VSTDIC150

Tgt Ion: 91 Resp: 1262708

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 286.926 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007352.D

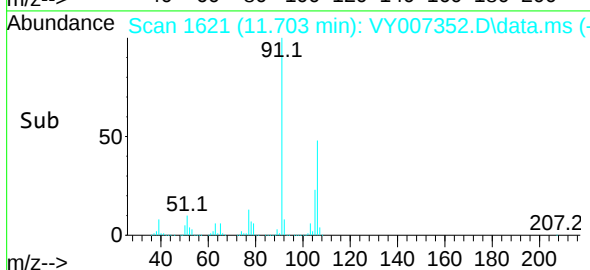
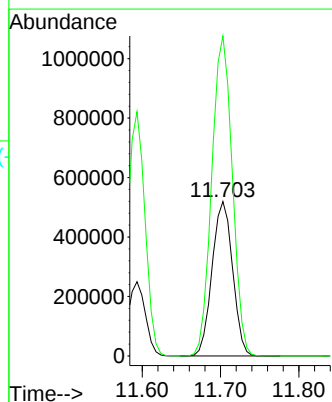
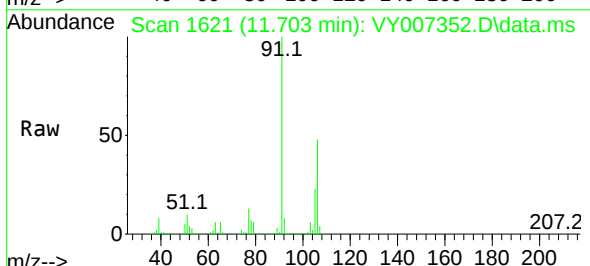
Acq: 02 Feb 2022 13:09

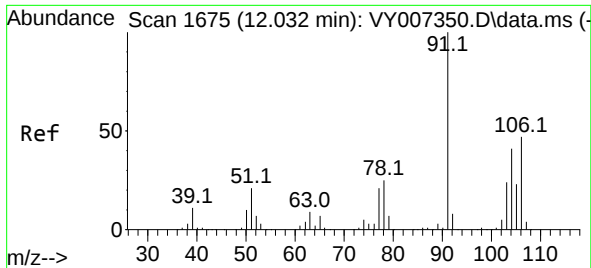
Tgt Ion:106 Resp: 944244

Ion Ratio Lower Upper

106 100

91 207.4 166.6 249.8

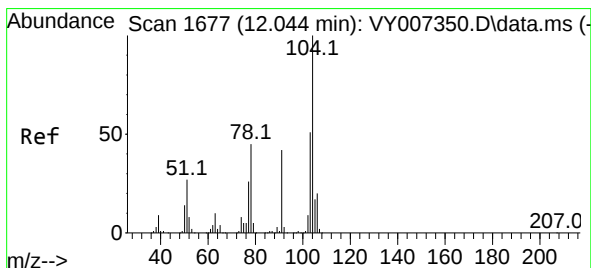
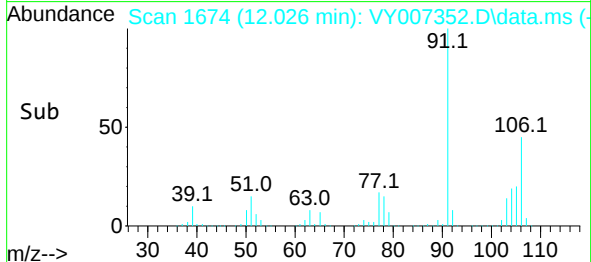
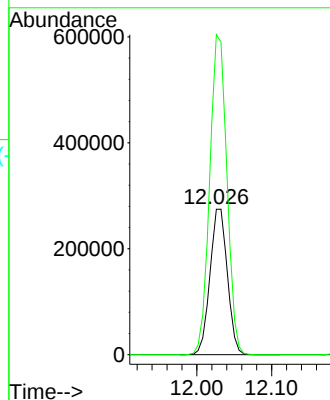
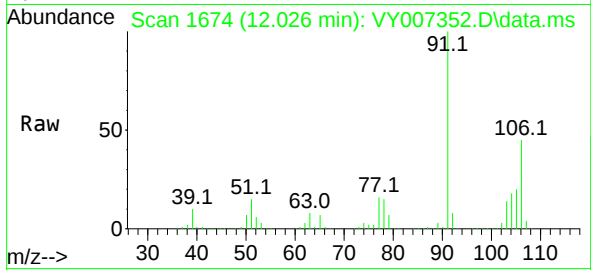




#69  
o-Xylene  
Concen: 142.904 ug/l  
RT: 12.026 min Scan# 1675  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

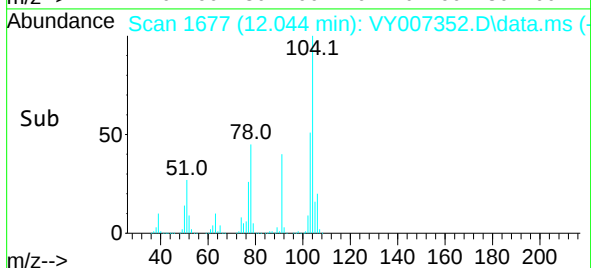
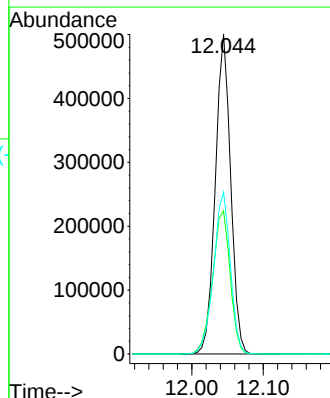
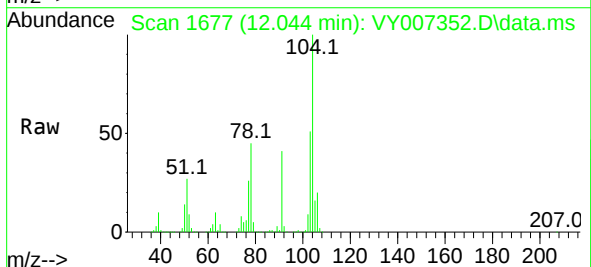
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

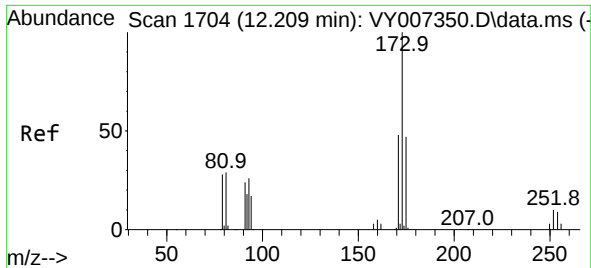
Tgt Ion:106 Resp: 444636  
Ion Ratio Lower Upper  
106 100  
91 217.8 110.3 331.0



#70  
Styrene  
Concen: 145.468 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion:104 Resp: 746117  
Ion Ratio Lower Upper  
104 100  
78 51.4 42.4 63.6  
103 55.2 44.4 66.6

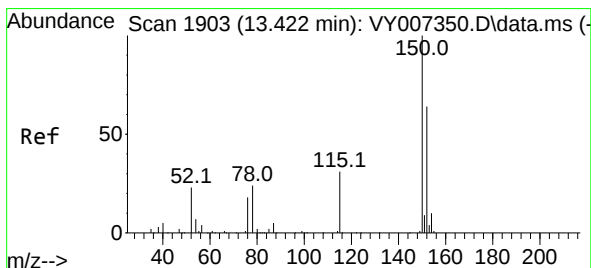
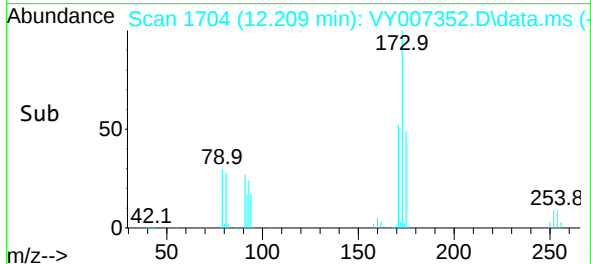
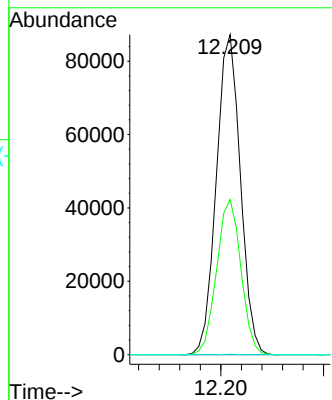
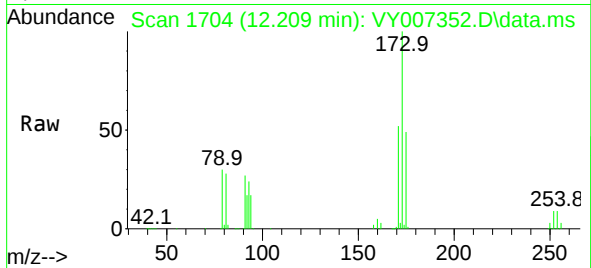




#71  
Bromoform  
Concen: 146.857 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

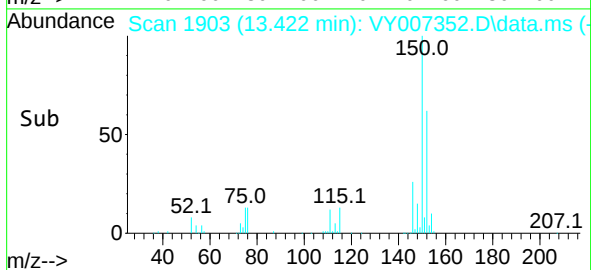
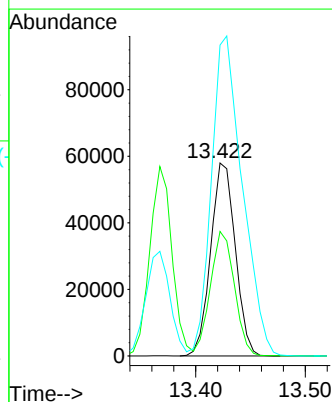
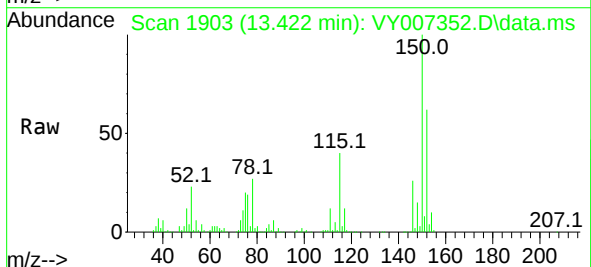
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

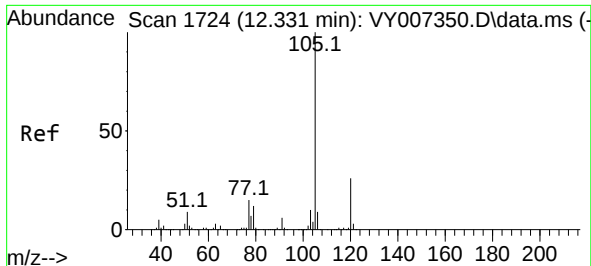
Tgt Ion:173 Resp: 141629  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion:152 Resp: 90591  
Ion Ratio Lower Upper  
152 100  
115 62.8 28.2 84.7  
150 208.6 0.0 347.6

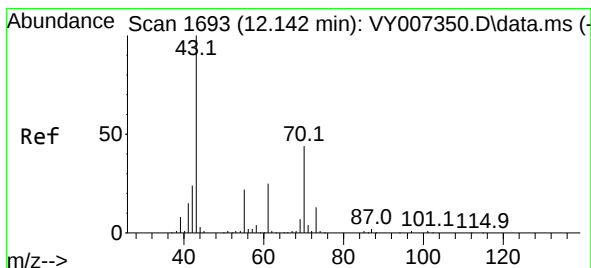
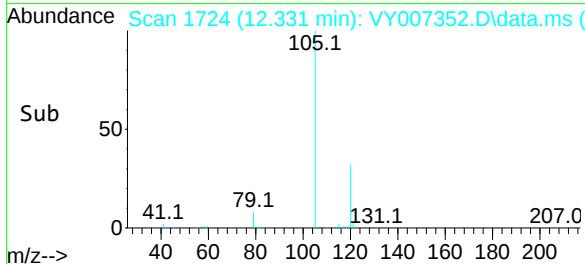
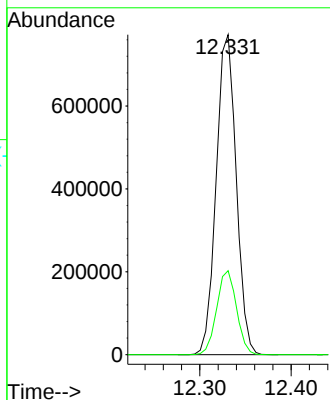
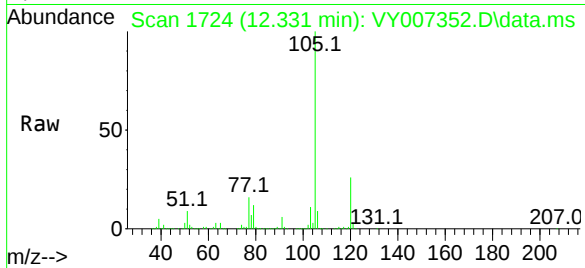




#73  
Isopropylbenzene  
Concen: 142.008 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

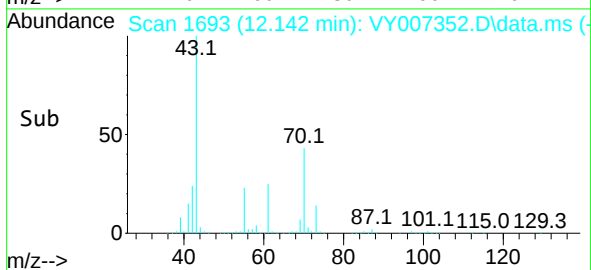
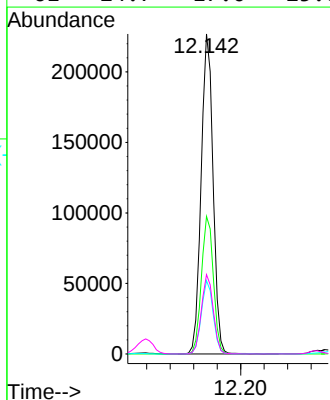
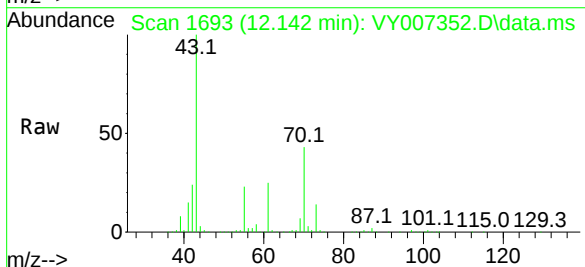
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

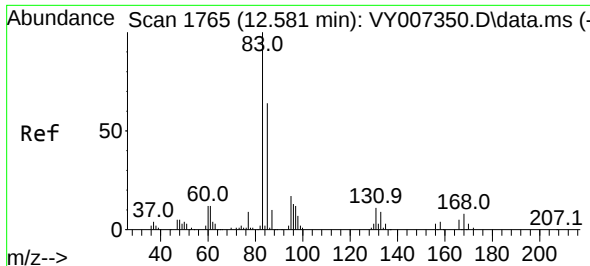
Tgt Ion:105 Resp: 1175726  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.4 40.2



#74  
N-ethyl acetate  
Concen: 155.469 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 43 Resp: 318611  
Ion Ratio Lower Upper  
43 100  
70 43.3 28.7 43.1#  
55 22.8 17.3 25.9  
61 24.7 17.0 25.6

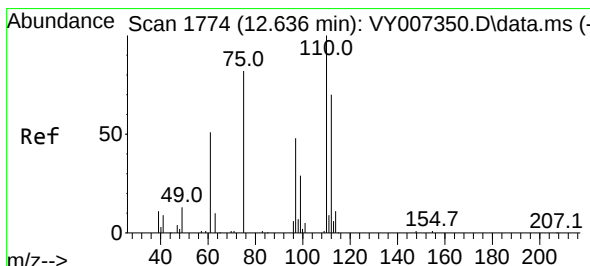
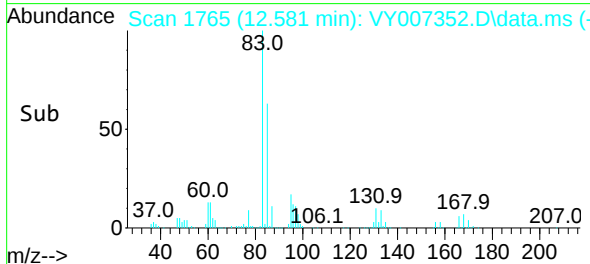
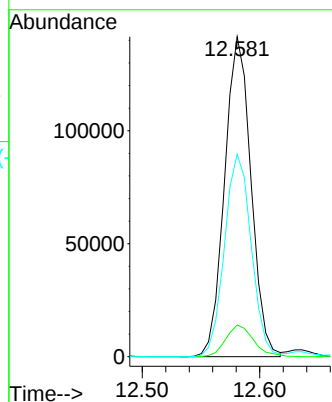
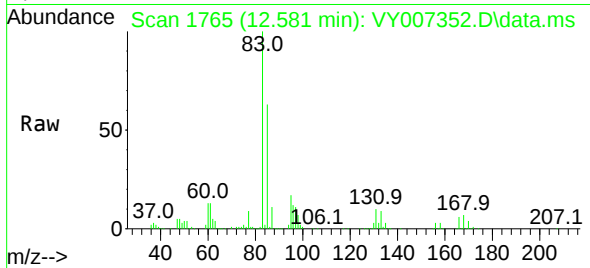




#75  
1,1,2,2-Tetrachloroethane  
Concen: 146.161 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

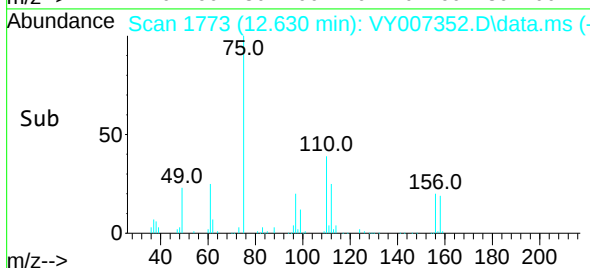
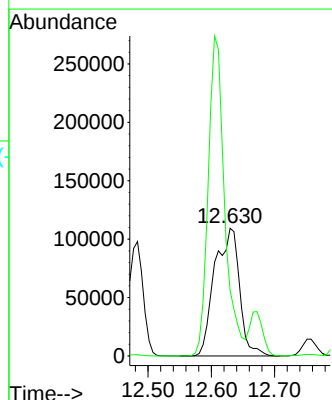
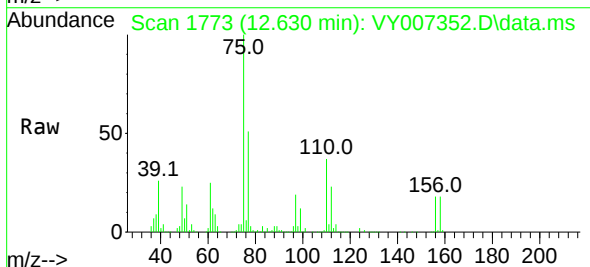
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

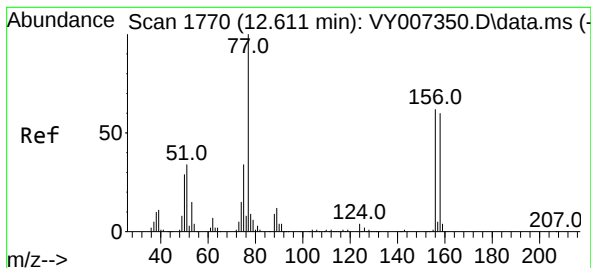
Tgt Ion: 83 Resp: 220989  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.6 16.8  
85 64.0 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 273.384 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 75 Resp: 298355  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 144.796 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

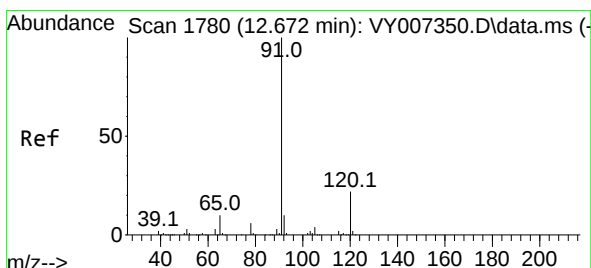
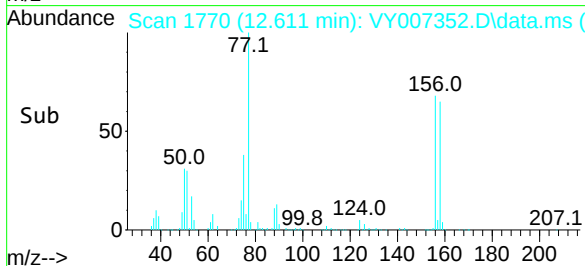
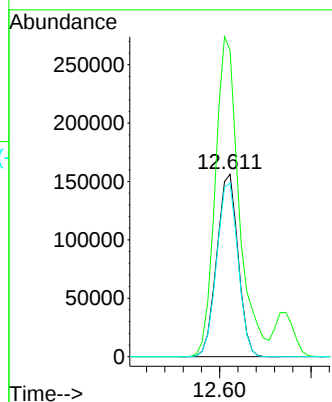
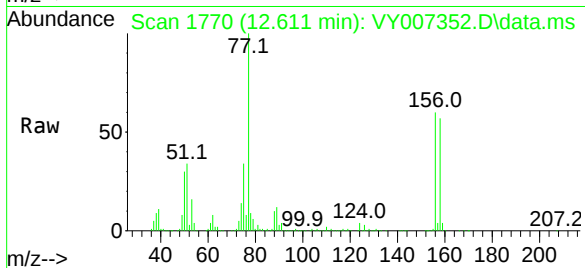
Tgt Ion:156 Resp: 252523

Ion Ratio Lower Upper

156 100

77 196.6 95.5 286.4

158 95.9 48.0 144.0



#78

n-propylbenzene

Concen: 142.709 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007352.D

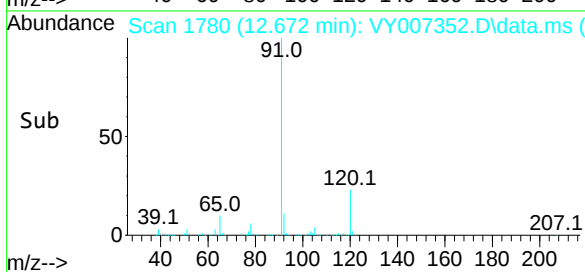
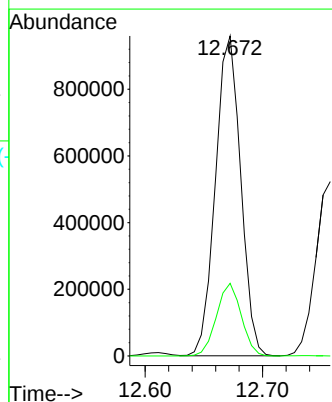
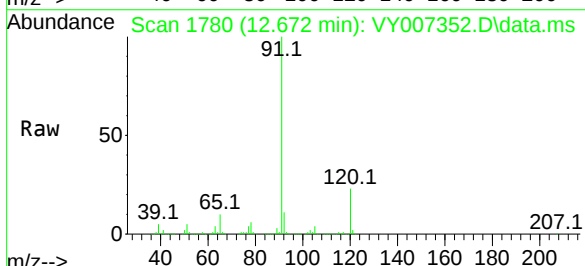
Acq: 02 Feb 2022 13:09

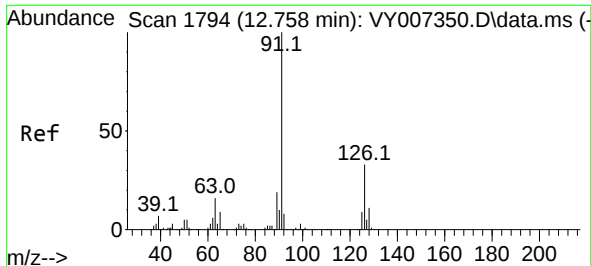
Tgt Ion: 91 Resp: 1431115

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.9

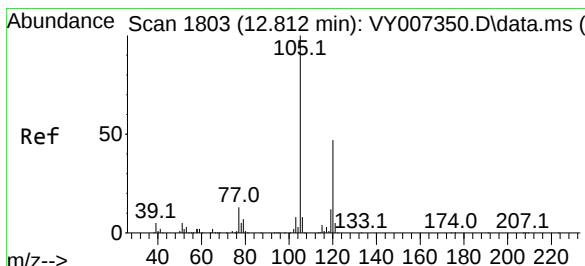
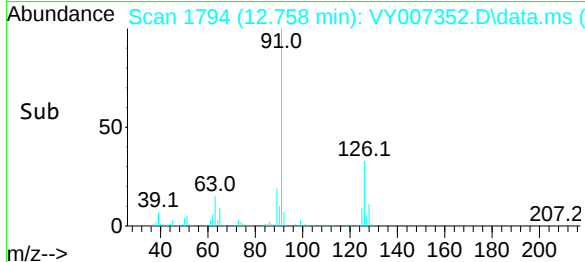
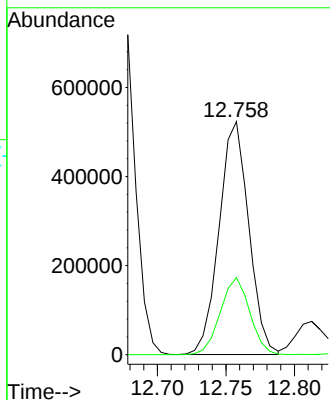
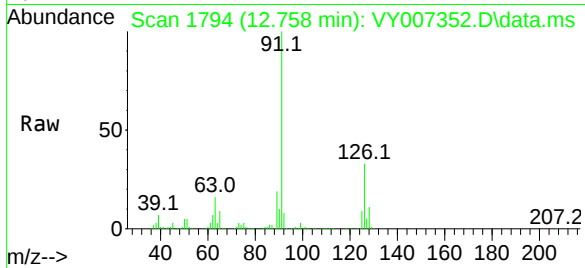




#79  
2-Chlorotoluene  
Concen: 142.282 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

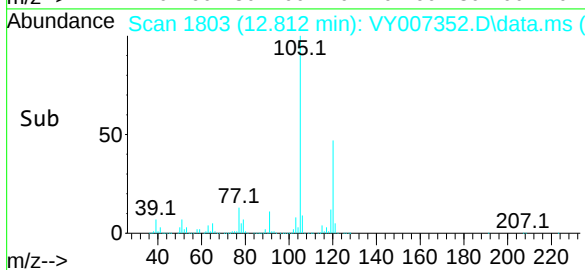
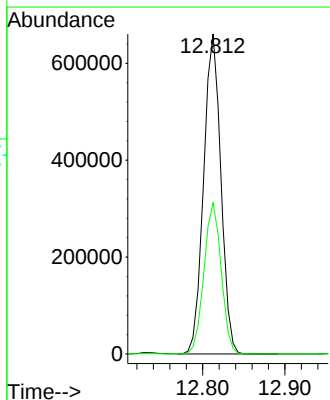
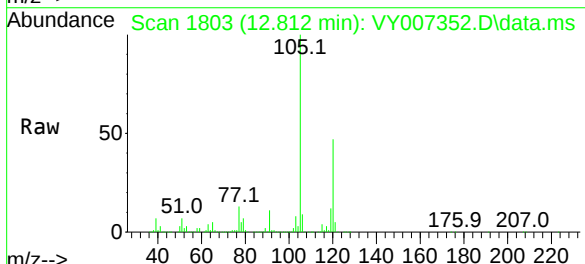
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

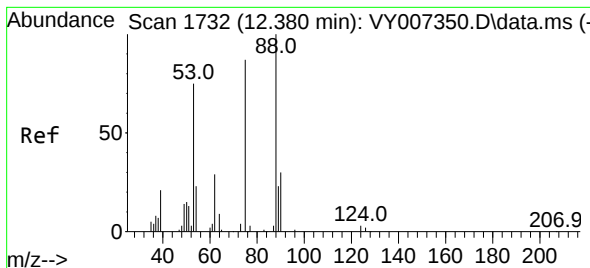
Tgt Ion: 91 Resp: 789990  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 142.377 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 105 Resp: 961632  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.4 73.4

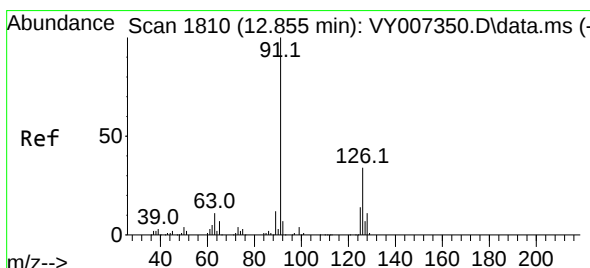
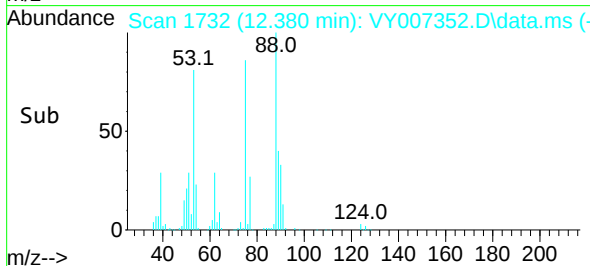
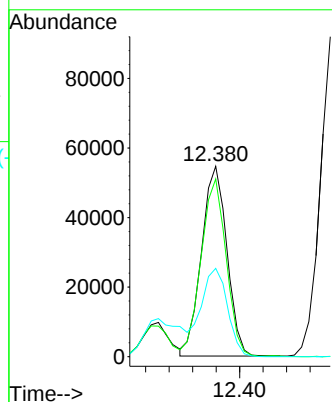
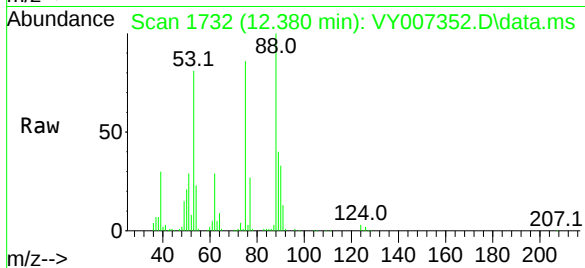




#81  
trans-1,4-Dichloro-2-butene  
Concen: 152.465 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

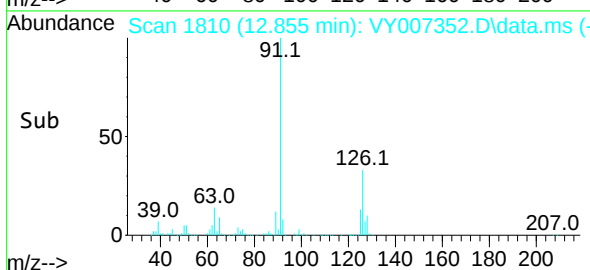
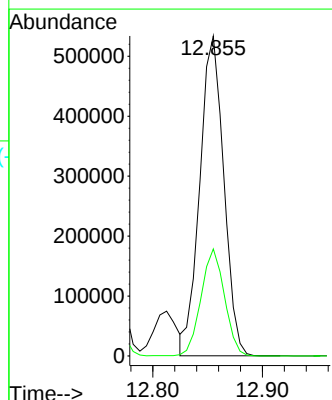
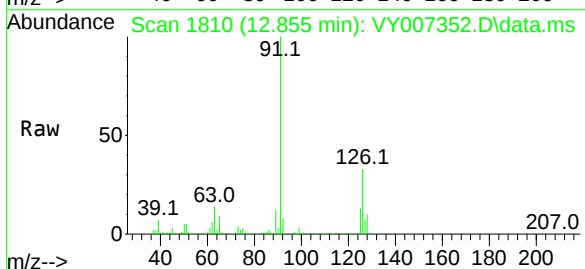
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

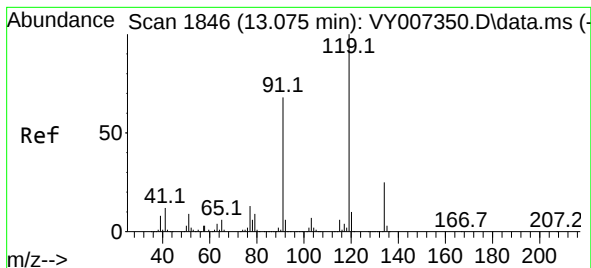
Tgt Ion: 75 Resp: 81959  
Ion Ratio Lower Upper  
75 100  
53 92.0 85.3 127.9  
89 48.7 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 142.143 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 91 Resp: 810589  
Ion Ratio Lower Upper  
91 100  
126 32.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 140.274 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

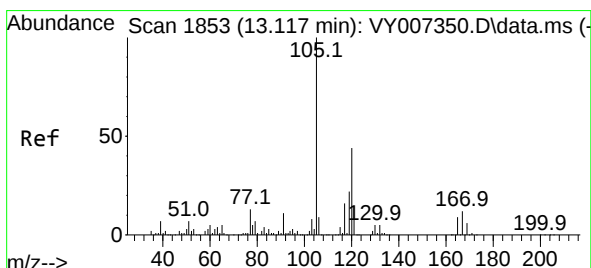
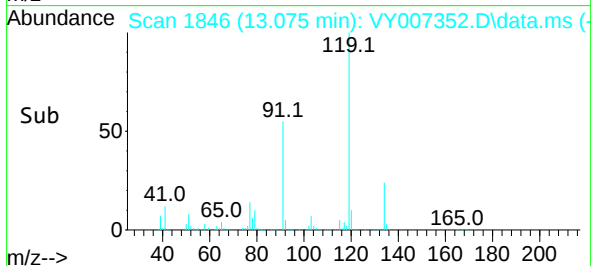
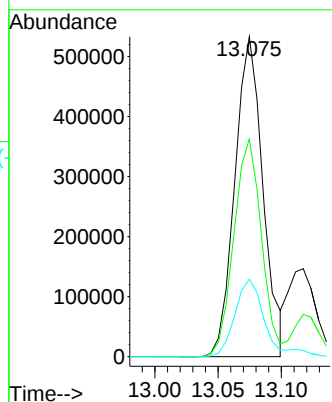
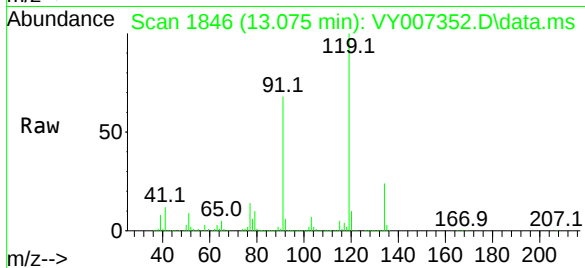
Tgt Ion:119 Resp: 824779

Ion Ratio Lower Upper

119 100

91 66.8 34.8 104.4

134 25.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 143.506 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007352.D

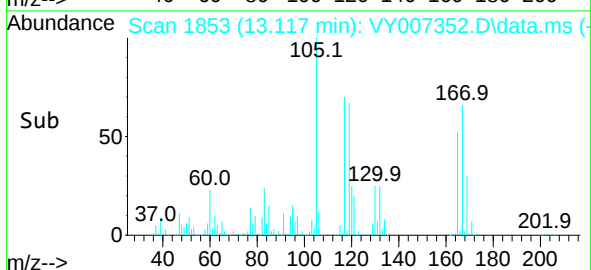
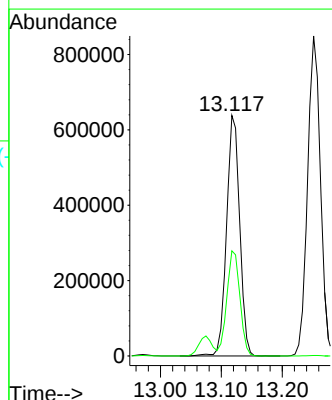
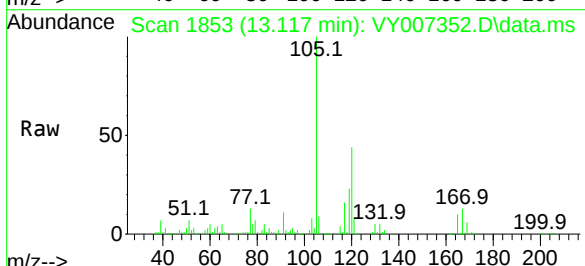
Acq: 02 Feb 2022 13:09

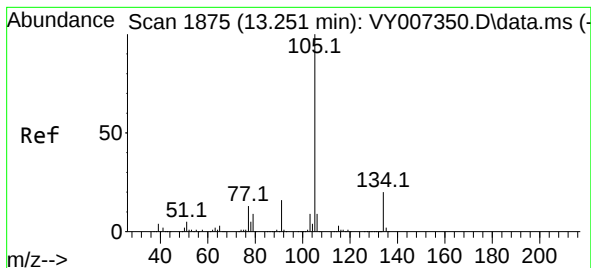
Tgt Ion:105 Resp: 954329

Ion Ratio Lower Upper

105 100

120 43.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 140.901 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

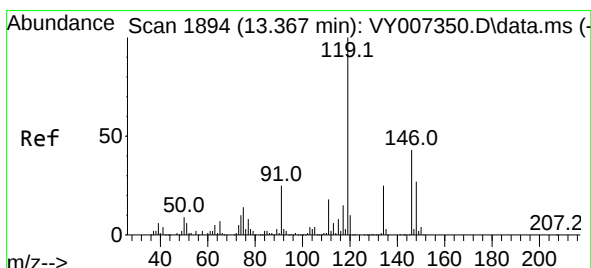
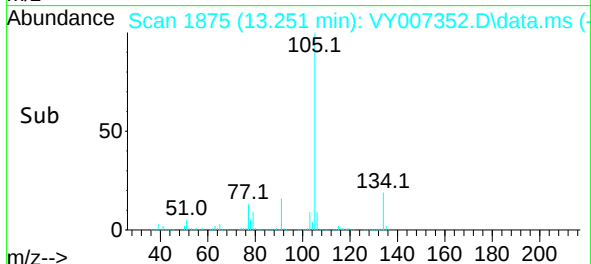
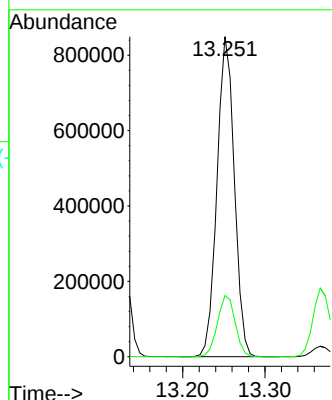
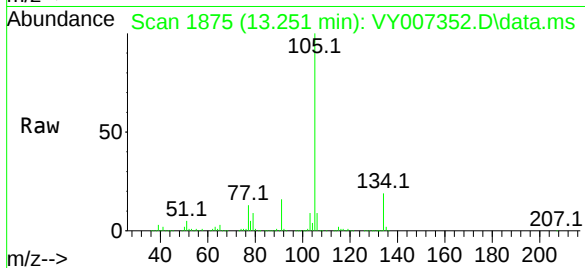
VSTDIC150

Tgt Ion:105 Resp: 1242639

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 142.303 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

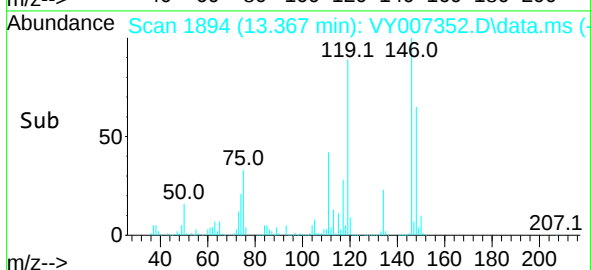
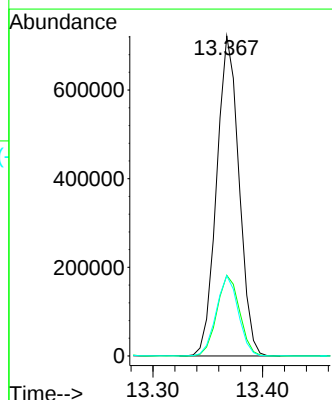
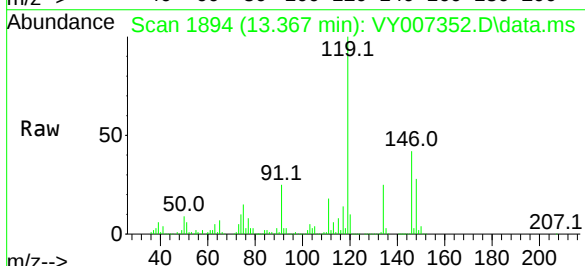
Tgt Ion:119 Resp: 1022351

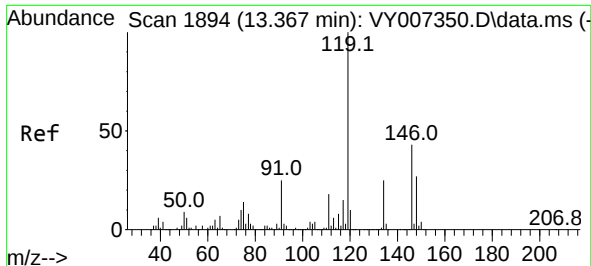
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 143.243 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

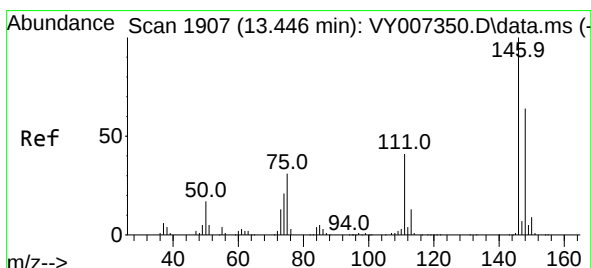
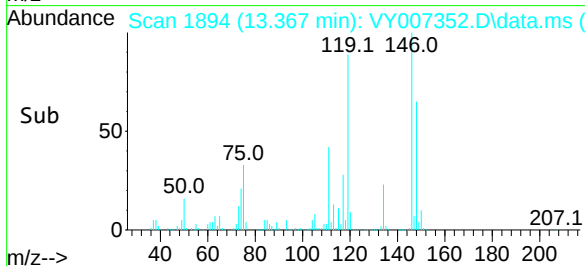
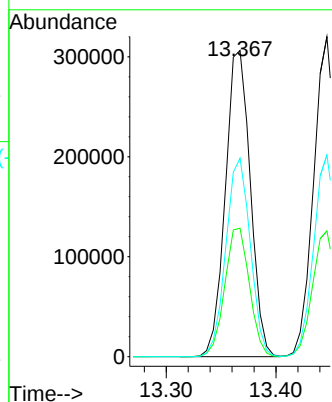
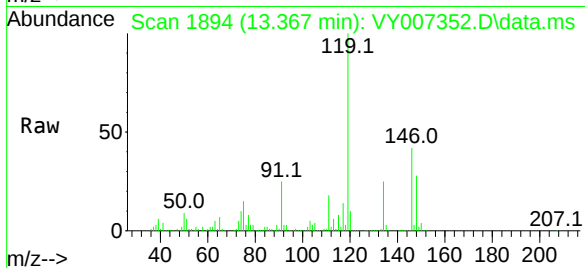
Tgt Ion:146 Resp: 484354

Ion Ratio Lower Upper

146 100

111 41.5 19.5 58.5

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 141.593 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

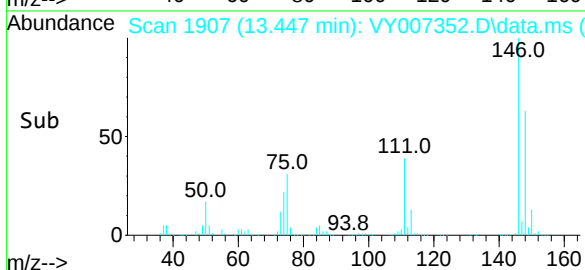
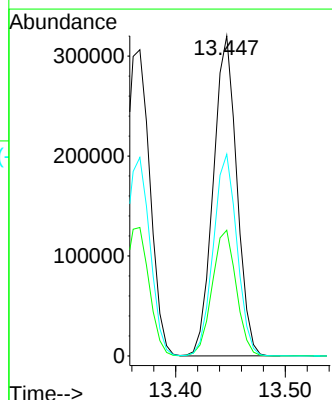
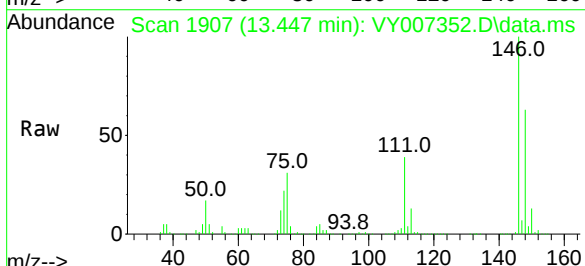
Tgt Ion:146 Resp: 477257

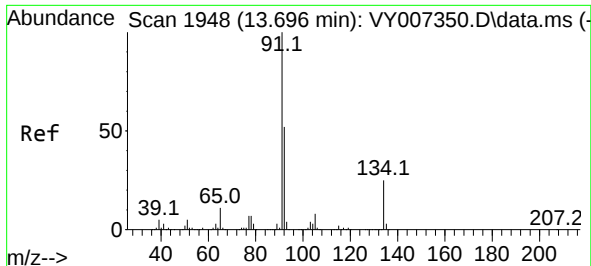
Ion Ratio Lower Upper

146 100

111 40.2 19.3 57.8

148 63.5 32.6 97.8

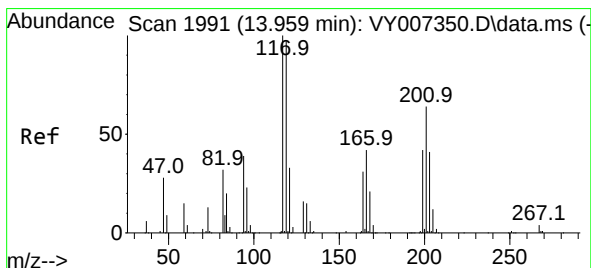
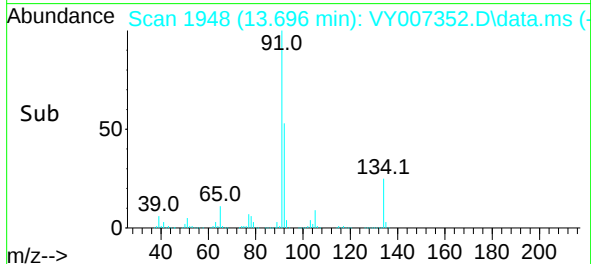
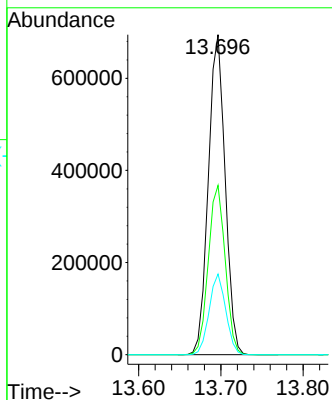
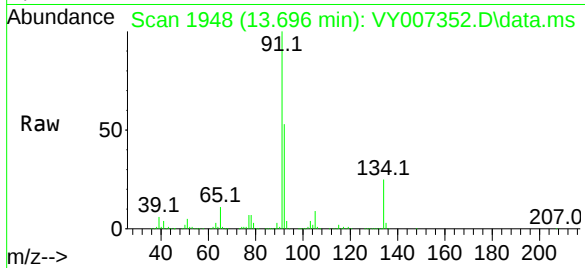




#89  
n-Butylbenzene  
Concen: 142.695 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

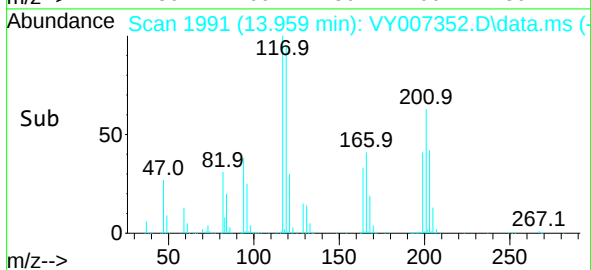
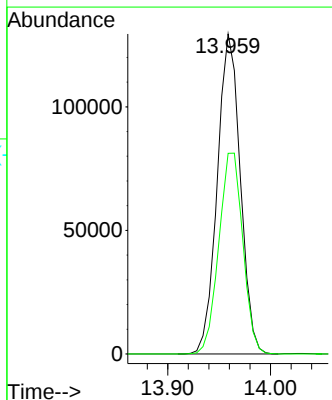
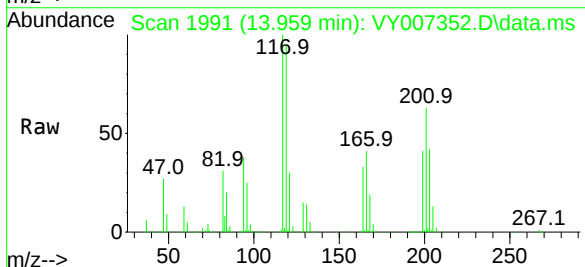
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

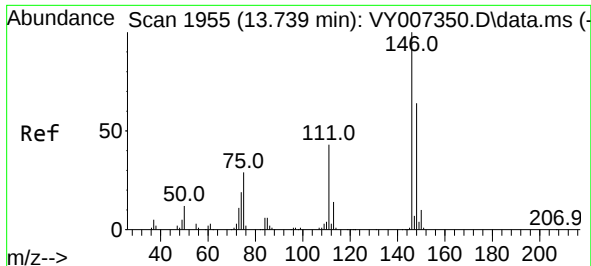
Tgt Ion: 91 Resp: 986704  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.3 78.9  
134 24.9 13.0 38.9



#90  
Hexachloroethane  
Concen: 148.156 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion: 117 Resp: 201155  
Ion Ratio Lower Upper  
117 100  
201 65.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 142.780 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

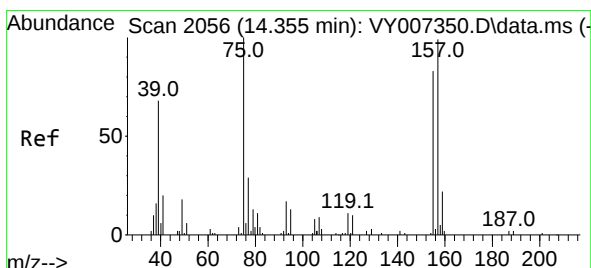
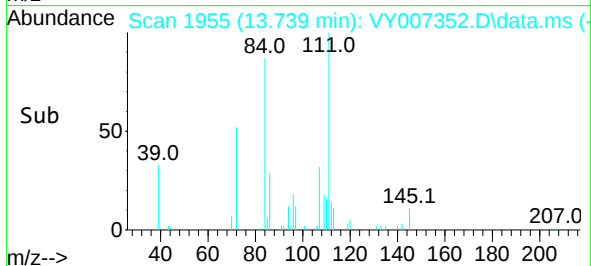
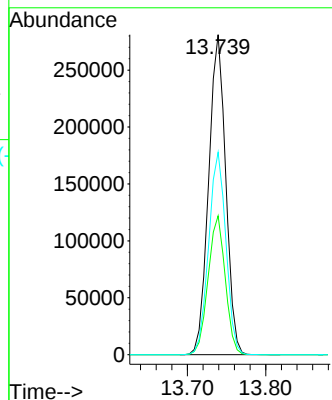
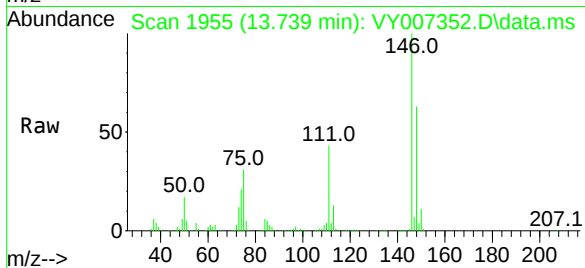
Tgt Ion:146 Resp: 424955

Ion Ratio Lower Upper

146 100

111 43.5 20.3 60.9

148 63.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 159.187 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

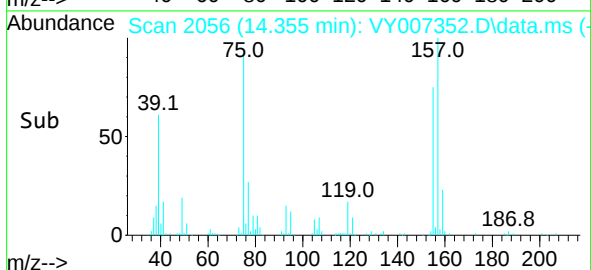
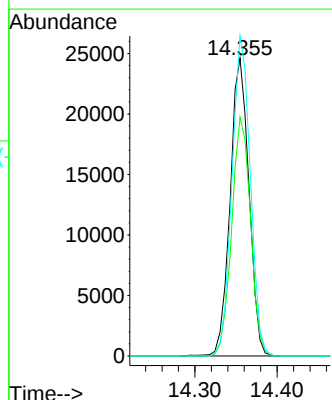
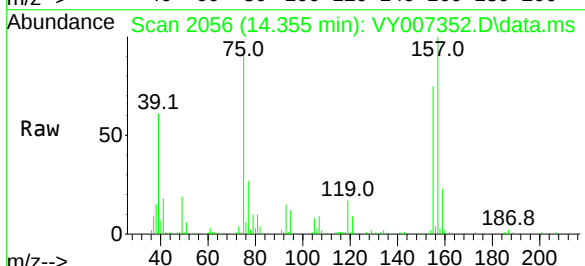
Tgt Ion: 75 Resp: 39113

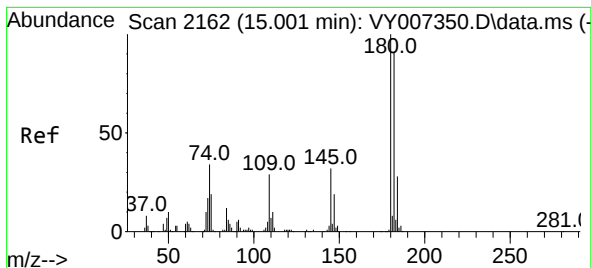
Ion Ratio Lower Upper

75 100

155 80.1 38.0 113.9

157 105.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 151.737 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

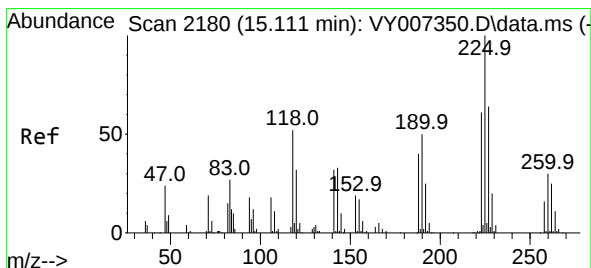
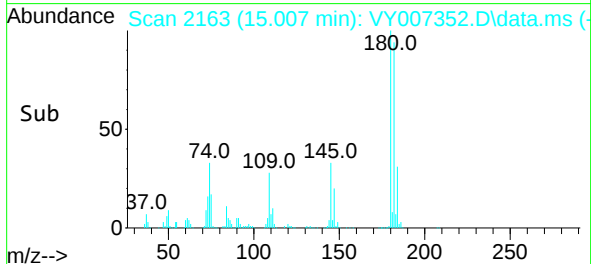
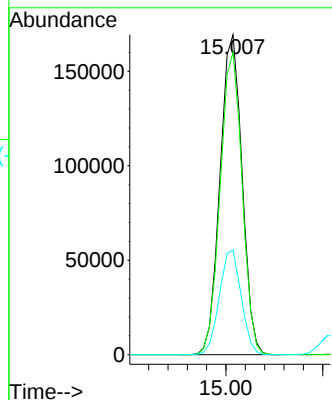
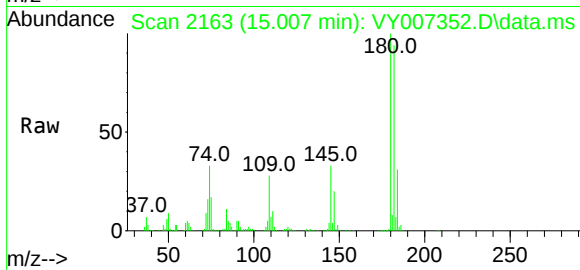
Tgt Ion:180 Resp: 267447

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 32.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 144.419 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

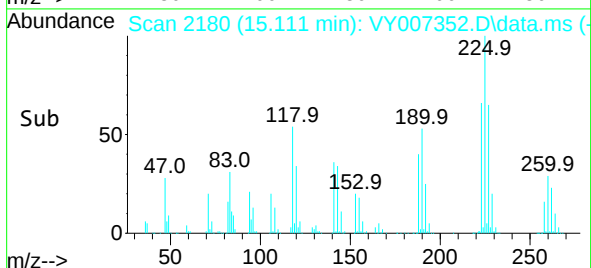
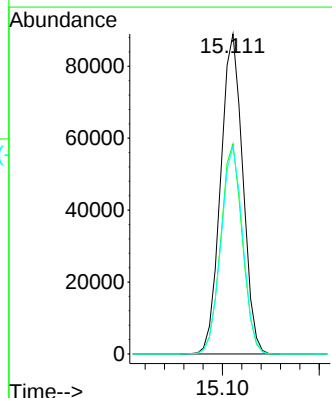
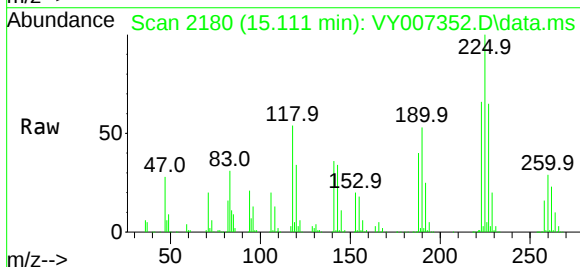
Tgt Ion:225 Resp: 140913

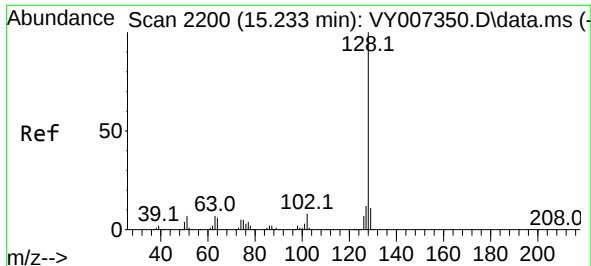
Ion Ratio Lower Upper

225 100

223 64.1 30.8 92.3

227 64.0 31.6 94.7

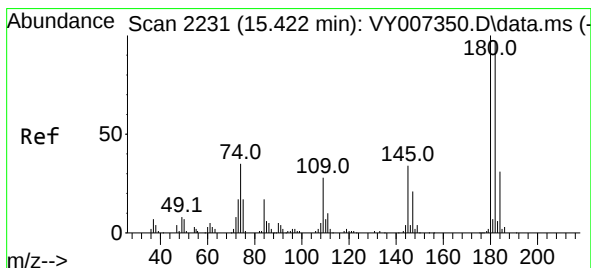
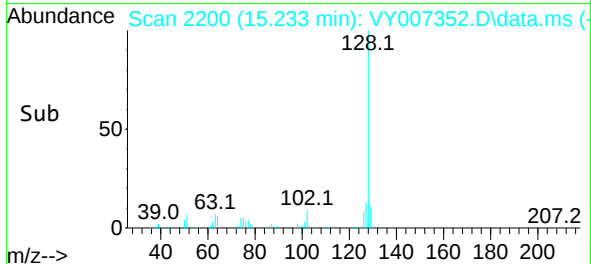
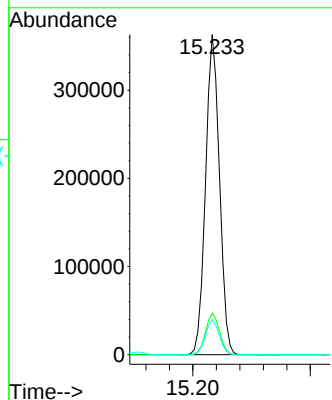
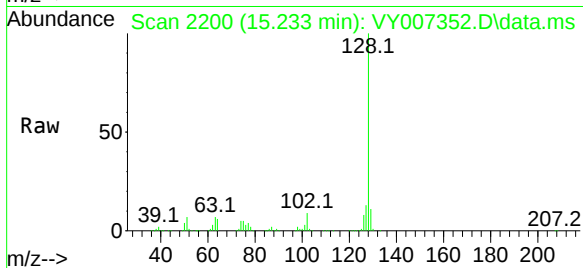




#95  
Naphthalene  
Concen: 162.713 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 595993  
Ion Ratio Lower Upper  
128 100  
127 13.0 11.0 16.4  
129 10.8 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 154.980 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY007352.D  
Acq: 02 Feb 2022 13:09

Tgt Ion:180 Resp: 230583  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.3 141.9  
145 35.0 15.3 45.9

