

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY033122\  
 Data File : VY008148.D  
 Acq On : 31 Mar 2022 19:02  
 Operator : SY/MD  
 Sample : VSTDC0050EC  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Apr 01 04:35:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 159901   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 278056   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 253845   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 126514   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 76590    | 47.741   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 95.480% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 84899    | 48.699   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.400% |
| 50) Toluene-d8              | 10.179 | 98    | 310025   | 47.202   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 94.400% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 109188   | 47.120   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 94.240% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 63901  | 44.331  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 76541  | 43.606  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.253 | 62  | 102986 | 44.097  | ug/l   | 97  |
| 5) Bromomethane              | 2.650 | 94  | 92310  | 48.229  | ug/l   | 97  |
| 6) Chloroethane              | 2.790 | 64  | 68210  | 44.400  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 135126 | 45.739  | ug/l   | 91  |
| 8) Diethyl Ether             | 3.528 | 74  | 47709  | 49.867  | ug/l   | 70  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 84787  | 46.266  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.094 | 142 | 83188  | 39.242  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 37884  | 227.600 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 79609  | 46.924  | ug/l # | 77  |
| 13) Acrolein                 | 3.729 | 56  | 30833  | 227.583 | ug/l   | 98  |
| 14) Allyl chloride           | 4.485 | 41  | 103365 | 46.308  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.161 | 53  | 111336 | 244.313 | ug/l   | 97  |
| 16) Acetone                  | 3.948 | 43  | 75991  | 207.233 | ug/l # | 83  |
| 17) Carbon Disulfide         | 4.192 | 76  | 213272 | 44.365  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.472 | 43  | 46104  | 47.502  | ug/l # | 82  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 236217 | 48.994  | ug/l   | 94  |
| 20) Methylene Chloride       | 4.716 | 84  | 91847  | 49.151  | ug/l # | 80  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 94851  | 48.284  | ug/l # | 80  |
| 22) Diisopropyl ether        | 6.119 | 45  | 235056 | 48.947  | ug/l # | 91  |
| 23) Vinyl Acetate            | 6.058 | 43  | 774079 | 260.139 | ug/l # | 84  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 153671 | 48.335  | ug/l   | 96  |
| 25) 2-Butanone               | 6.984 | 43  | 128599 | 230.453 | ug/l # | 73  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 141419 | 46.969  | ug/l   | 91  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 111993 | 49.185  | ug/l   | 80  |
| 28) Bromochloromethane       | 7.338 | 49  | 40290  | 47.629  | ug/l # | 62  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 86880  | 239.477 | ug/l # | 71  |
| 30) Chloroform               | 7.508 | 83  | 172173 | 50.014  | ug/l   | 100 |
| 31) Cyclohexane              | 7.783 | 56  | 125291 | 41.781  | ug/l # | 83  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 154434 | 48.552  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 123965 | 45.268  | ug/l   | 94  |
| 37) Ethyl Acetate            | 7.070 | 43  | 60046  | 46.938  | ug/l # | 89  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 139316 | 46.683  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.185 | 83  | 161681 | 43.741  | ug/l # | 82  |
| 40) Benzene                  | 8.161 | 78  | 373267 | 47.652  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY033122\  
 Data File : VY008148.D  
 Acq On : 31 Mar 2022 19:02  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 01 04:35:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 80712    | 125.651 | ug/l # | 38       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 104403   | 47.512  | ug/l   | 89       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 116385   | 46.344  | ug/l # | 83       |
| 44) Trichloroethene           | 8.941  | 130  | 107731   | 47.560  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 87888    | 47.607  | ug/l   | 96       |
| 46) Dibromomethane            | 9.307  | 93   | 58977    | 48.586  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 135104   | 48.674  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 50686    | 45.569  | ug/l # | 73       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 16022    | 992.886 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 299025   | 236.083 | ug/l # | 82       |
| 52) Toluene                   | 10.246 | 92   | 251487   | 48.955  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 138113   | 48.541  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 156156   | 48.483  | ug/l # | 81       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 84115    | 50.184  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 107269   | 49.062  | ug/l # | 72       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 133680   | 48.730  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 198622   | 219.256 | ug/l # | 86       |
| 59) 2-Hexanone                | 10.831 | 43   | 204238   | 230.437 | ug/l   | 78       |
| 60) Dibromochloromethane      | 10.983 | 129  | 102626   | 50.344  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 83185    | 49.831  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 89622    | 45.968  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.514 | 112  | 279108   | 48.764  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 106546   | 50.466  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 479091   | 47.757  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.703 | 106  | 385542   | 96.651  | ug/l   | 89       |
| 69) o-Xylene                  | 12.032 | 106  | 186683   | 48.878  | ug/l   | 88       |
| 70) Styrene                   | 12.044 | 104  | 313068   | 50.072  | ug/l   | 93       |
| 71) Bromoform                 | 12.209 | 173  | 65414    | 51.316  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 485587   | 46.500  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 100903   | 43.956  | ug/l # | 78       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 97171    | 47.874  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 118286   | 76.699  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 116457   | 48.611  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.672 | 91   | 563729   | 45.767  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 318260   | 46.577  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 400520   | 46.818  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 31585    | 45.695  | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 318869   | 45.481  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 358682   | 47.061  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 389264   | 46.726  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 521747   | 46.378  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 440560   | 47.055  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 227977   | 47.999  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 226194   | 47.753  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 384103   | 44.590  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.965 | 117  | 85146    | 46.936  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 202603   | 48.450  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 14393    | 44.429  | ug/l   | 67       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 112907   | 45.081  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 57135    | 43.122  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 260047   | 46.973  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 98128    | 45.281  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY033122\  
Data File : VY008148.D  
Acq On : 31 Mar 2022 19:02  
Operator : SY/MD  
Sample : VSTDCCC050EC  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 24 Sample Multiplier: 1

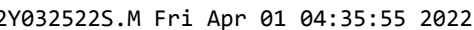
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

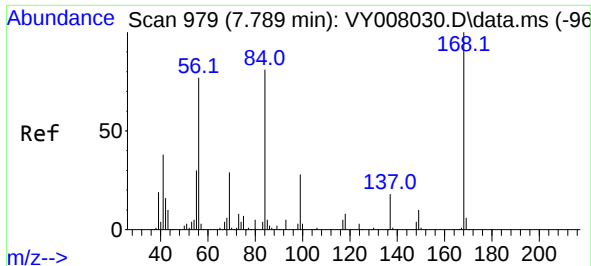
Quant Time: Apr 01 04:35:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 26 03:24:51 2022  
Response via : Initial Calibration

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

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

Quant Time: Apr 01 04:35:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 26 03:24:51 2022  
Response via : Initial Calibration

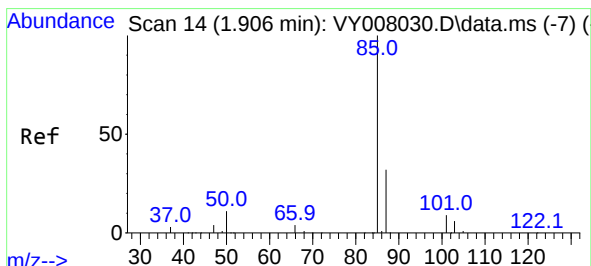
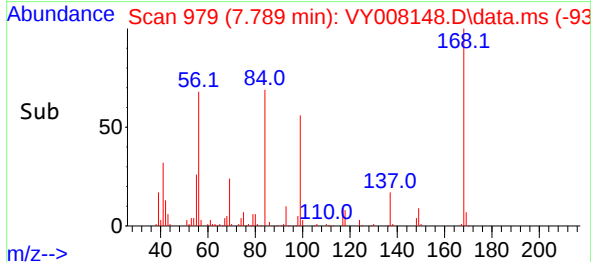
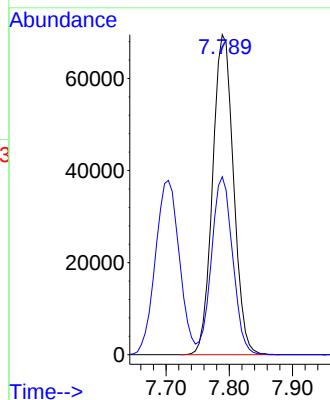
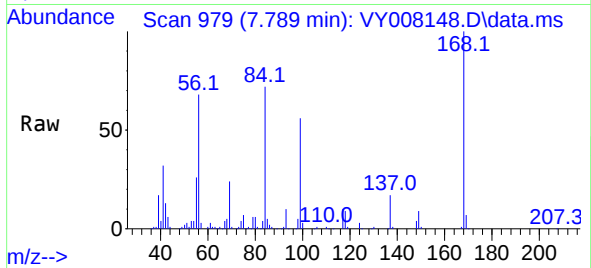




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

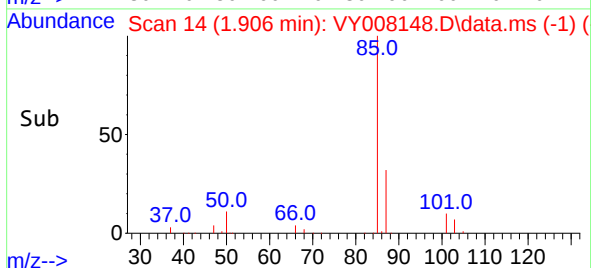
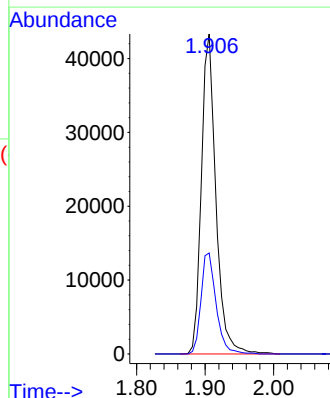
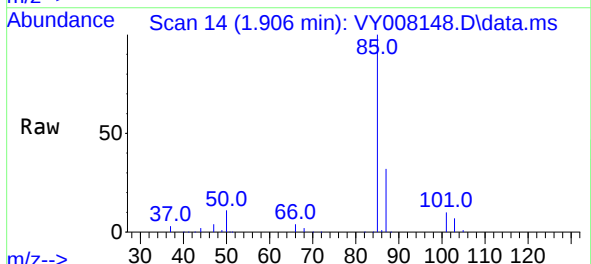
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 159901  
Ion Ratio Lower Upper  
168 100  
99 55.6 46.9 70.3

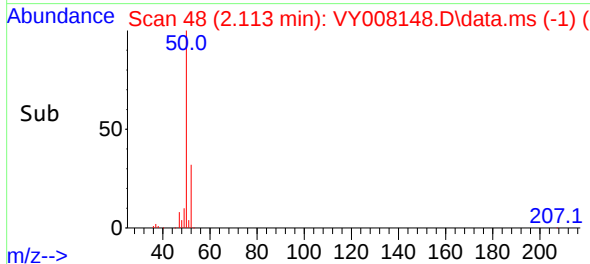
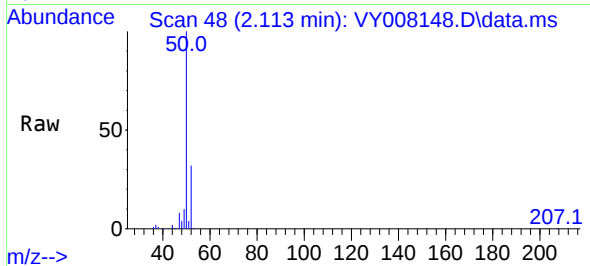
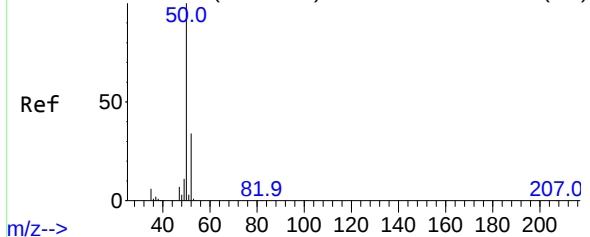


#2  
Dichlorodifluoromethane  
Concen: 44.331 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 85 Resp: 63901  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.1 48.2



Abundance Scan 48 (2.113 min): VY008030.D\data.ms (-41)



#3

Chloromethane

Concen: 43.606 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

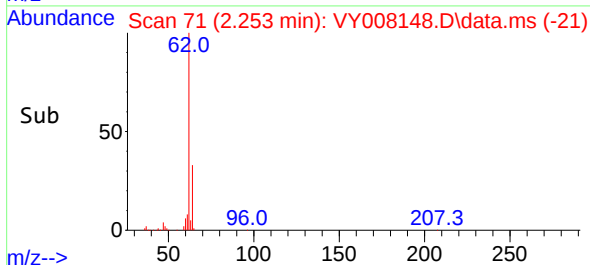
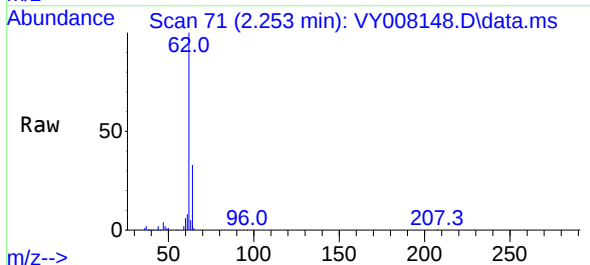
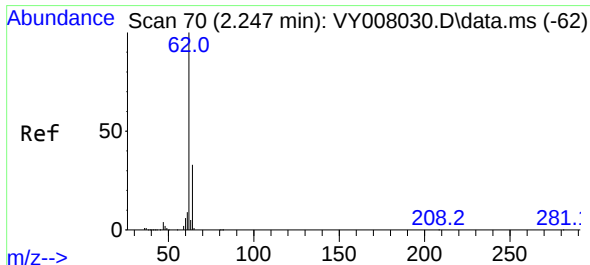
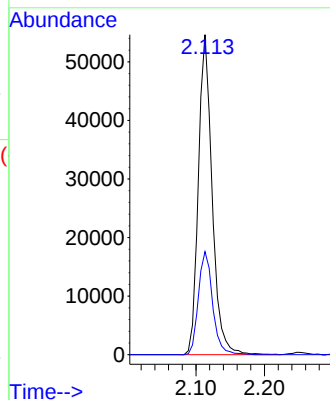
VSTDCCC050EC

Tgt Ion: 50 Resp: 76541

Ion Ratio Lower Upper

50 100

52 32.2 24.6 37.0



#4

Vinyl Chloride

Concen: 44.097 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY008148.D

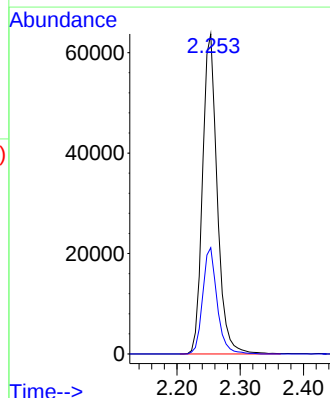
Acq: 31 Mar 2022 19:02

Tgt Ion: 62 Resp: 102986

Ion Ratio Lower Upper

62 100

64 33.2 25.0 37.6

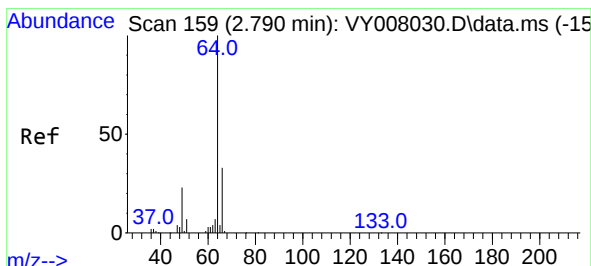
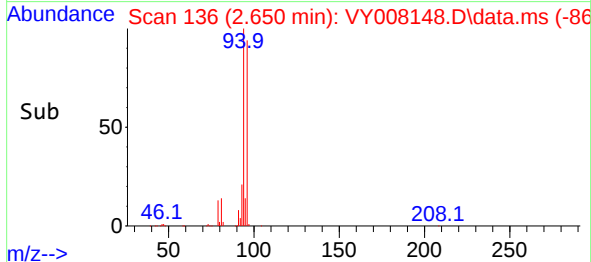
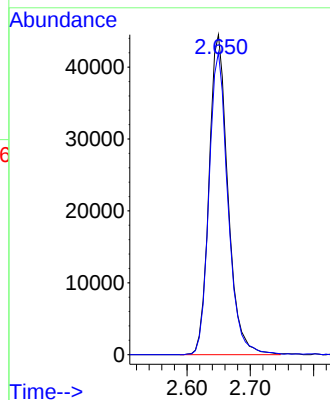
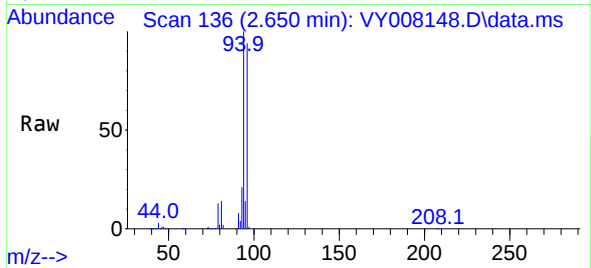




#5  
Bromomethane  
Concen: 48.229 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

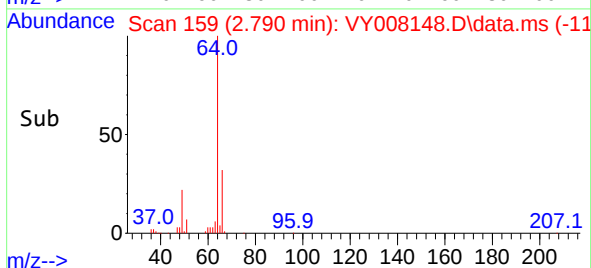
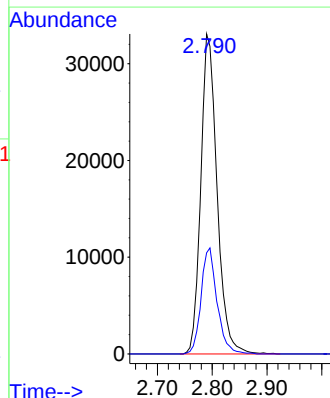
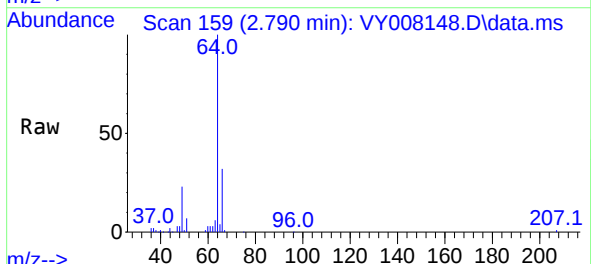
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

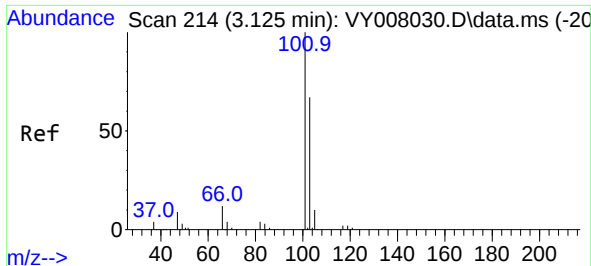
Tgt Ion: 94 Resp: 92310  
Ion Ratio Lower Upper  
94 100  
96 94.4 73.5 110.3



#6  
Chloroethane  
Concen: 44.400 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 64 Resp: 68210  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.4 38.0

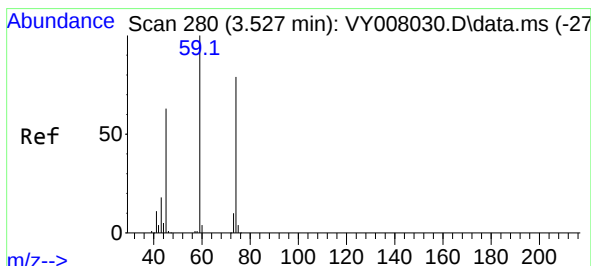
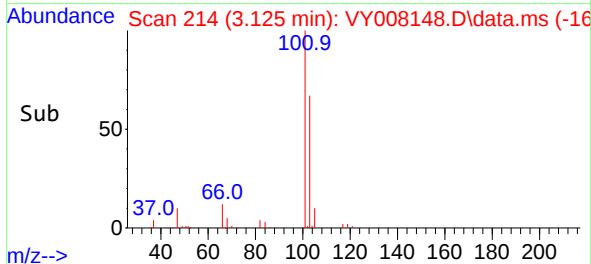
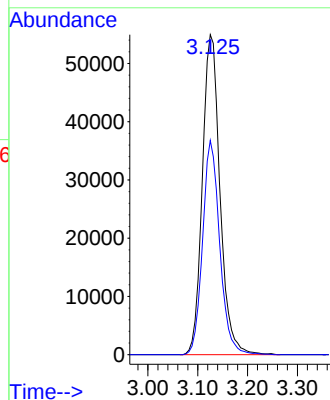
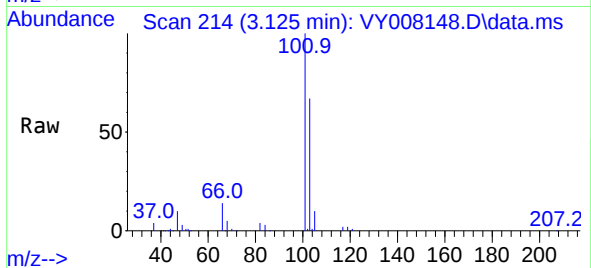




#7  
Trichlorofluoromethane  
Concen: 45.739 ug/l  
RT: 3.125 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

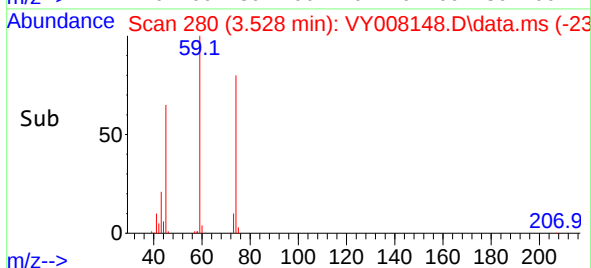
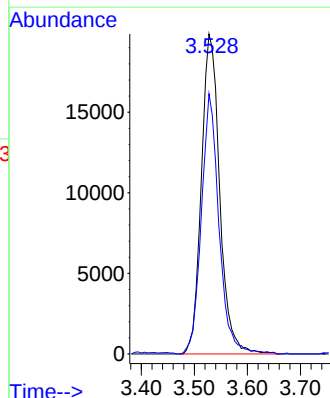
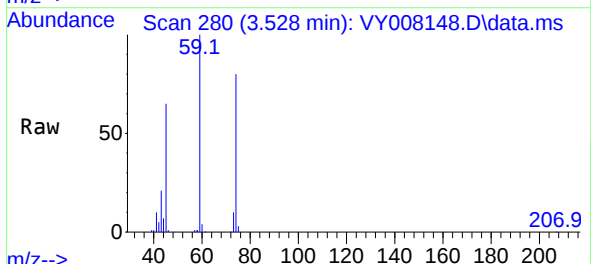
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

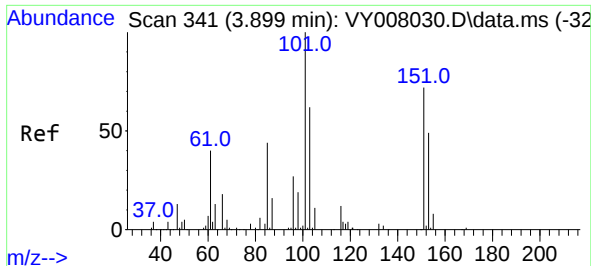
Tgt Ion:101 Resp: 135126  
Ion Ratio Lower Upper  
101 100  
103 67.0 48.0 72.0



#8  
Diethyl Ether  
Concen: 49.867 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. 0.001 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 74 Resp: 47709  
Ion Ratio Lower Upper  
74 100  
45 78.2 55.1 165.5

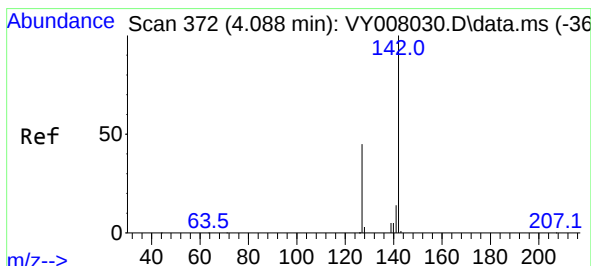
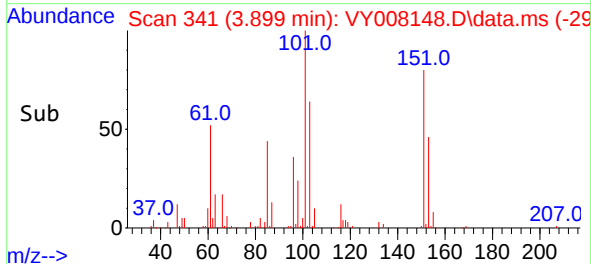
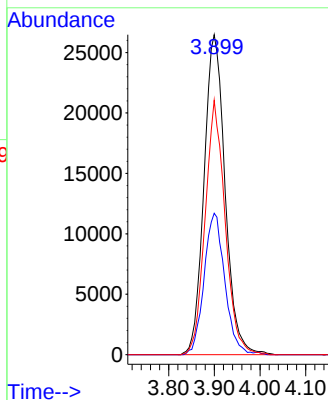
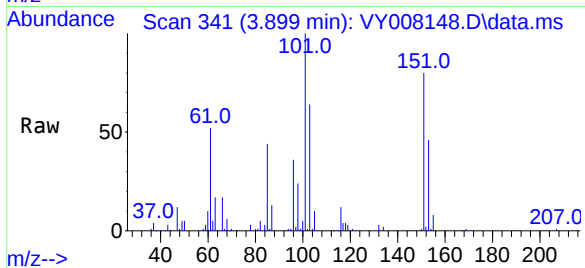




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.266 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

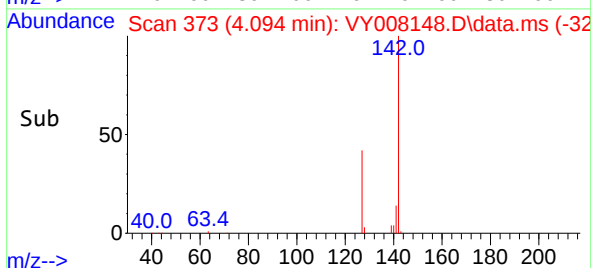
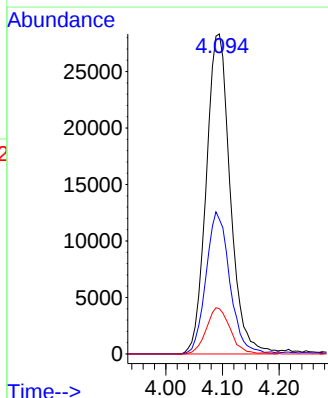
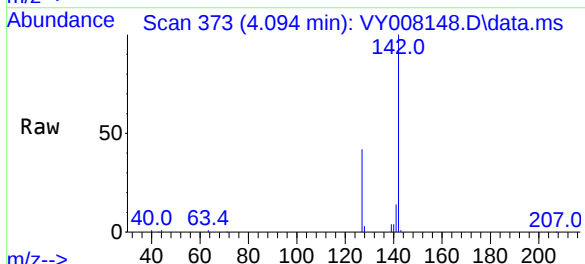
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

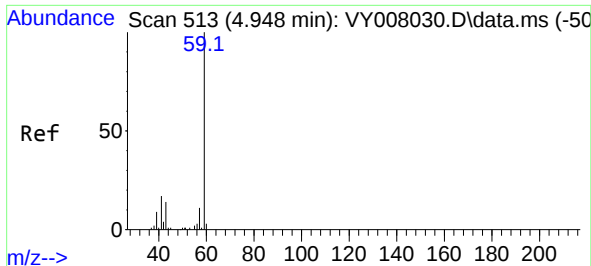
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 84787 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.6  | 40.6  | 60.8  |
| 151      | 75.5  | 64.9  | 97.3  |



#10  
Methyl Iodide  
Concen: 39.242 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 83188 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.0  | 41.5  | 62.3  |
| 141      | 14.4  | 11.9  | 17.9  |





#11

Tert butyl alcohol

Concen: 227.600 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

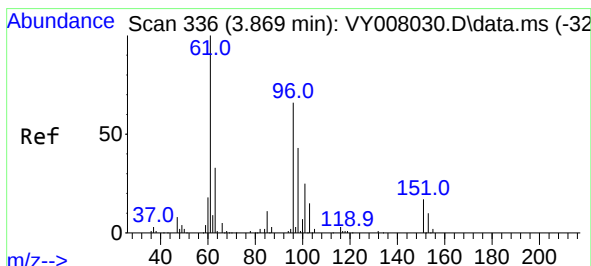
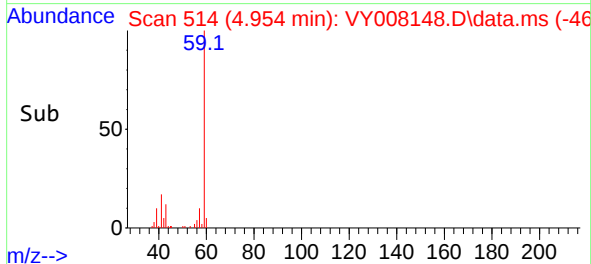
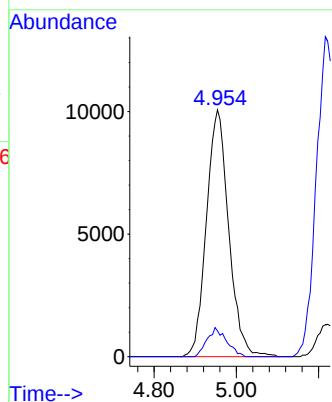
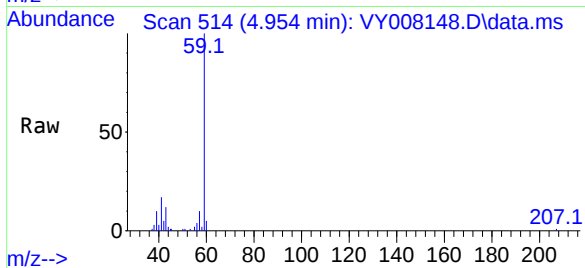
VSTDCCC050EC

Tgt Ion: 59 Resp: 37884

Ion Ratio Lower Upper

59 100

57 10.3 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 46.924 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

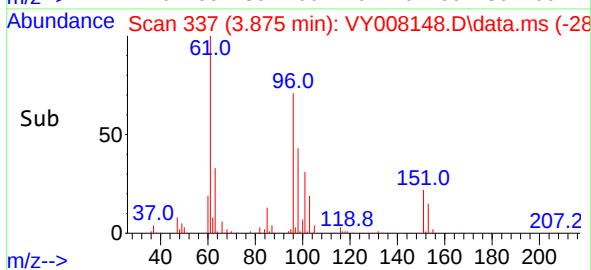
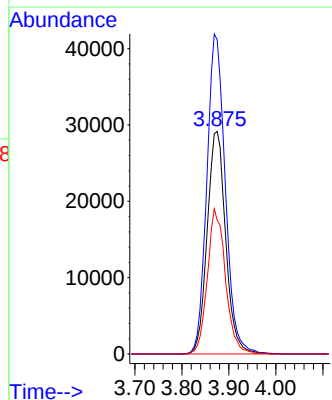
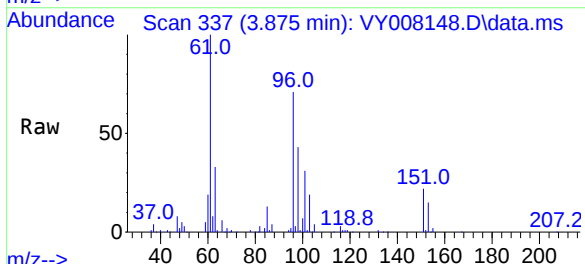
Tgt Ion: 96 Resp: 79609

Ion Ratio Lower Upper

96 100

61 141.2 145.8 218.6#

98 60.2 52.5 78.7

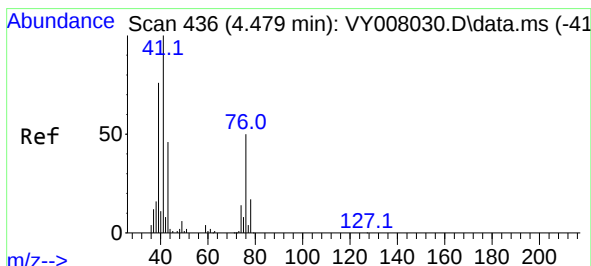
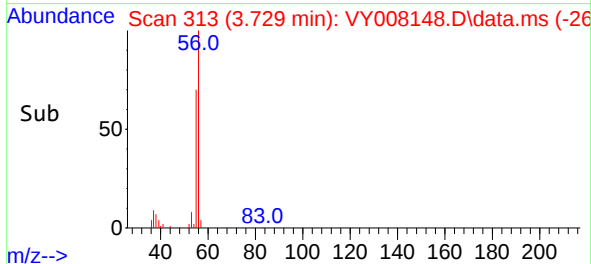
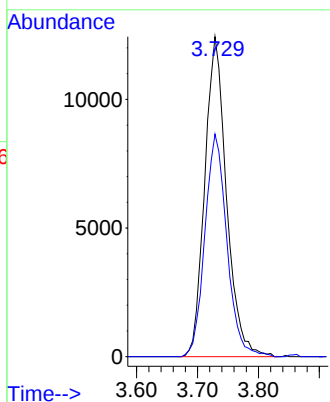
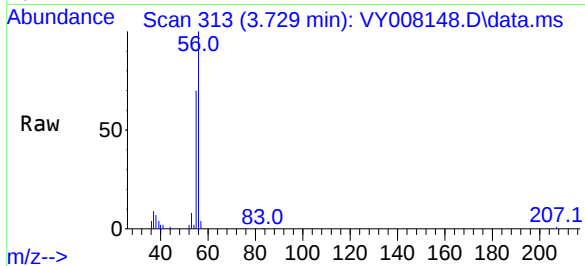




#13  
Acrolein  
Concen: 227.583 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

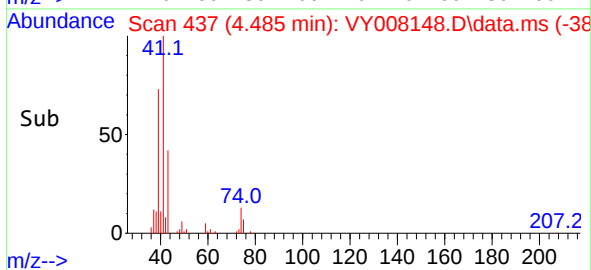
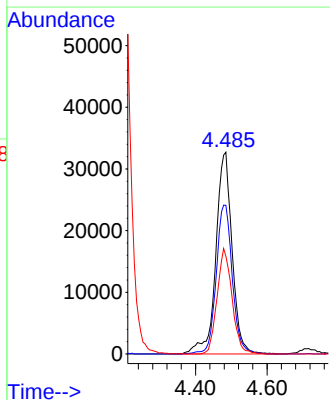
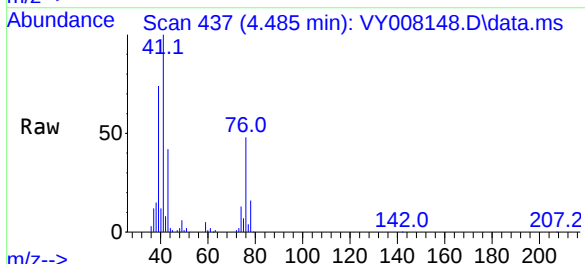
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

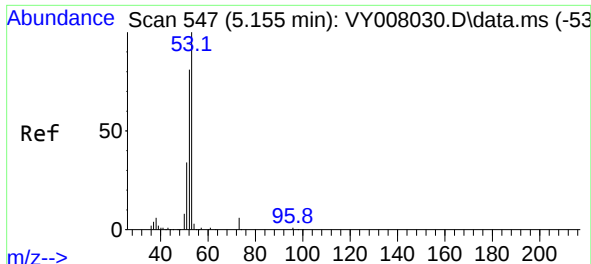
Tgt Ion: 56 Resp: 30833  
Ion Ratio Lower Upper  
56 100  
55 70.6 57.6 86.4



#14  
Allyl chloride  
Concen: 46.308 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 41 Resp: 103365  
Ion Ratio Lower Upper  
41 100  
39 73.0 58.8 88.2  
76 47.9 25.1 37.7#

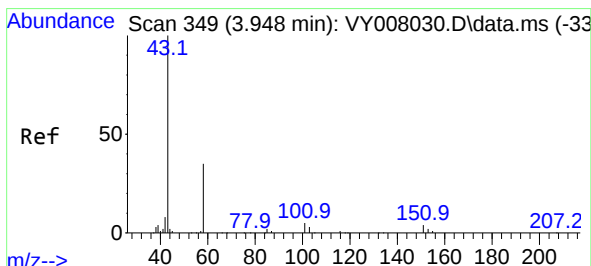
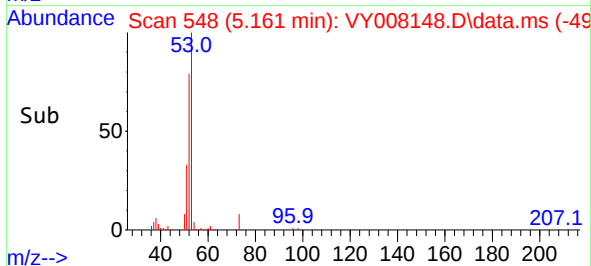
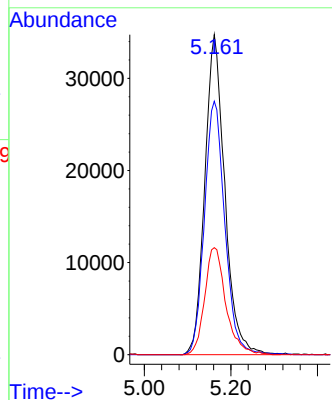
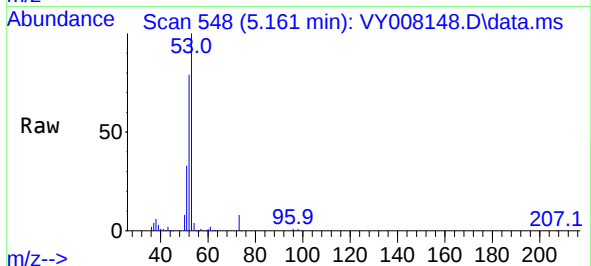




#15  
Acrylonitrile  
Concen: 244.313 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

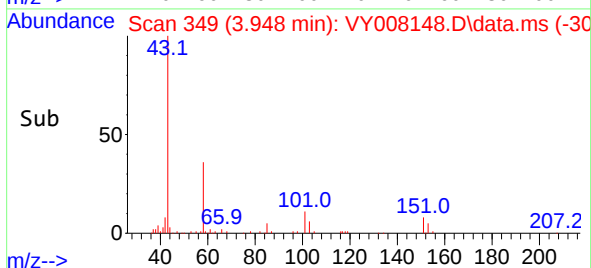
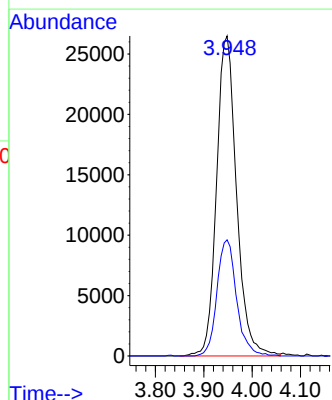
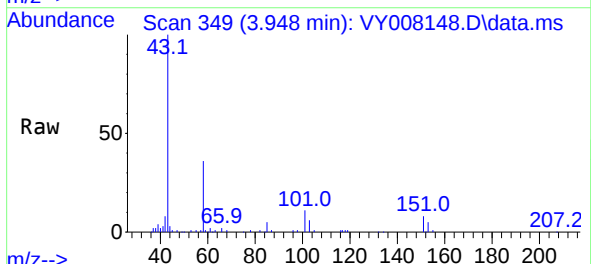
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 53 Resp: 111336  
Ion Ratio Lower Upper  
53 100  
52 80.9 67.0 100.4  
51 35.6 29.8 44.6



#16  
Acetone  
Concen: 207.233 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 43 Resp: 75991  
Ion Ratio Lower Upper  
43 100  
58 36.3 22.0 33.0#

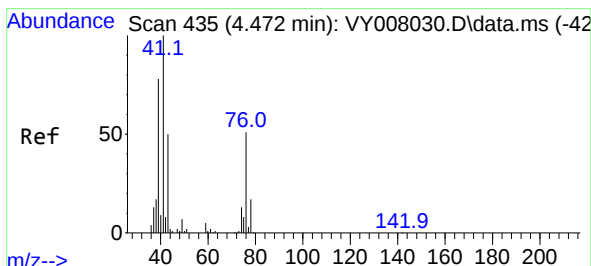
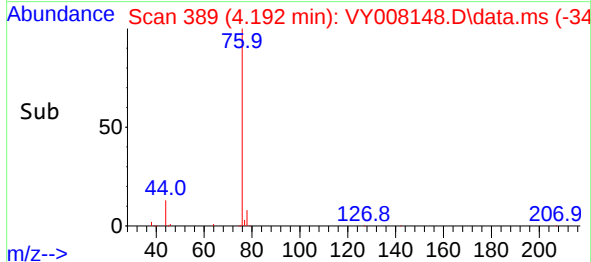
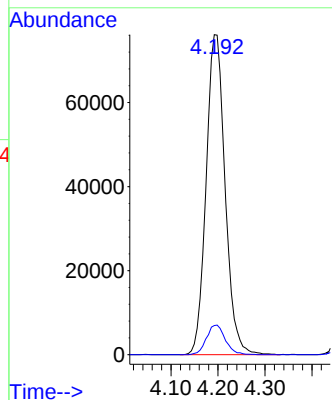
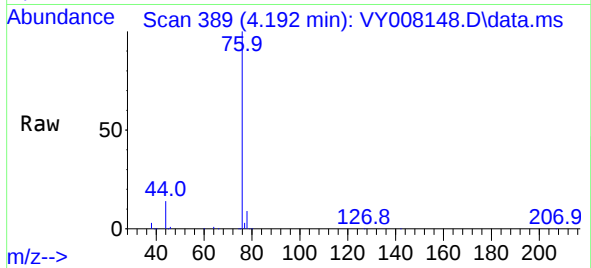




#17  
Carbon Disulfide  
Concen: 44.365 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

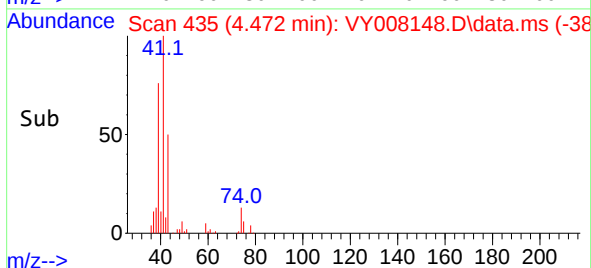
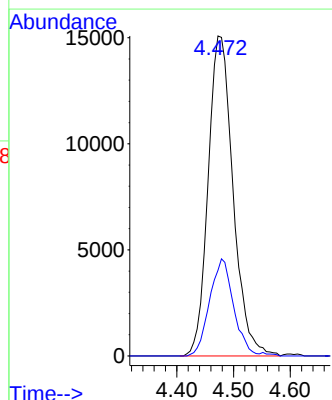
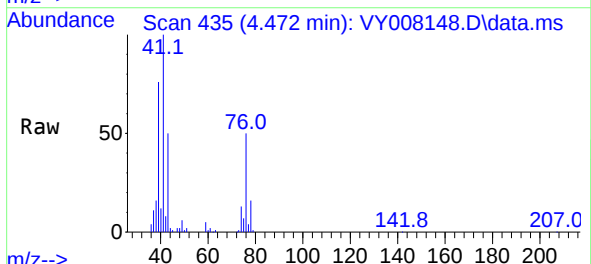
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

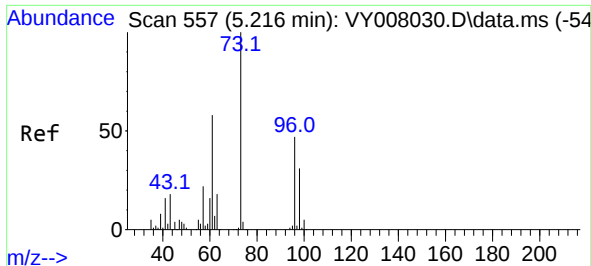
Tgt Ion: 76 Resp: 213272  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.502 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 43 Resp: 46104  
Ion Ratio Lower Upper  
43 100  
74 29.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 48.994 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

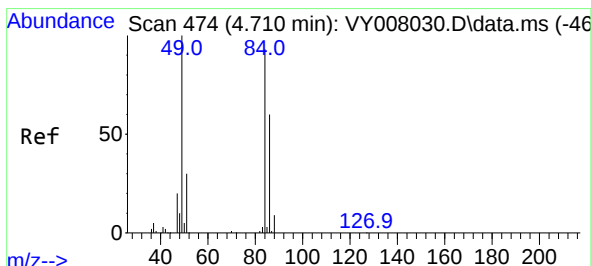
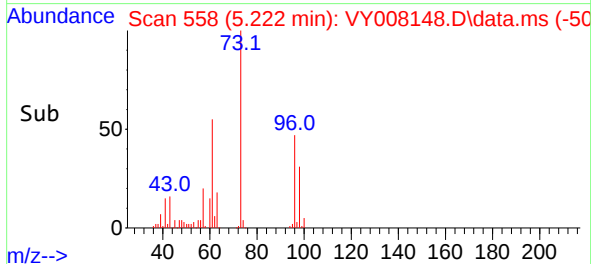
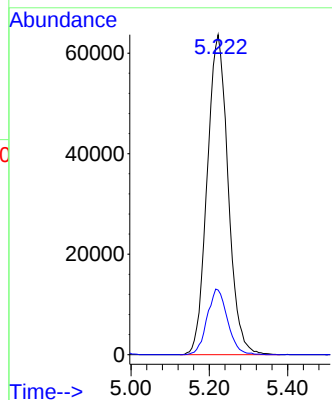
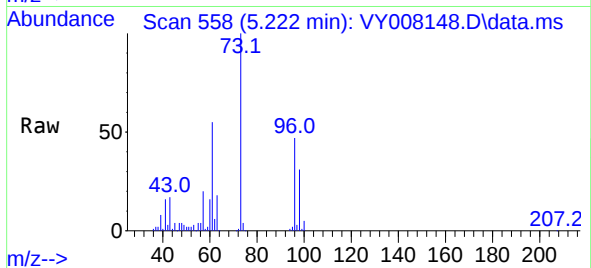
VSTDCCC050EC

Tgt Ion: 73 Resp: 236217

Ion Ratio Lower Upper

73 100

57 20.2 18.6 27.8



#20

Methylene Chloride

Concen: 49.151 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Tgt Ion: 84 Resp: 91847

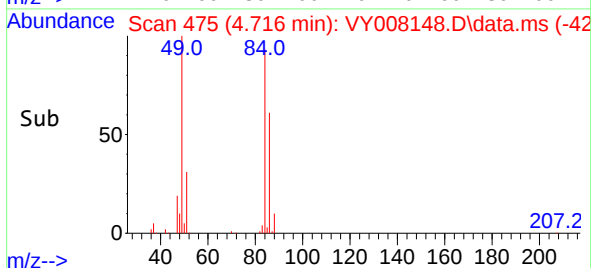
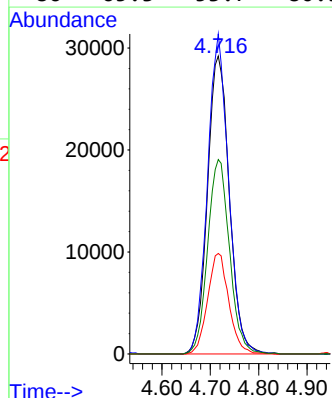
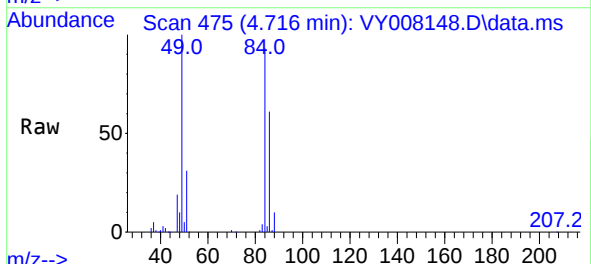
Ion Ratio Lower Upper

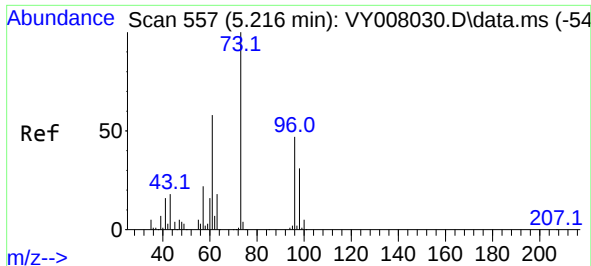
84 100

49 107.4 114.4 171.6#

51 33.7 35.3 52.9#

86 65.3 53.7 80.5

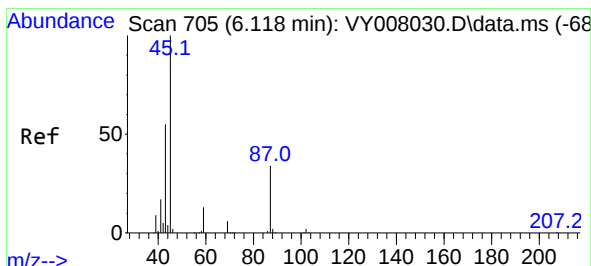
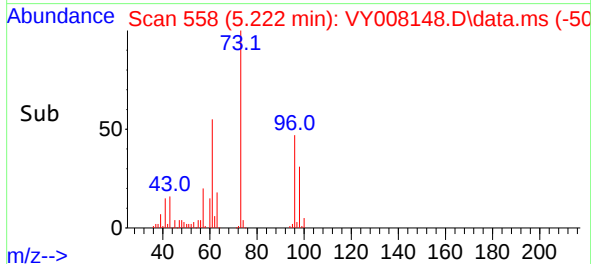
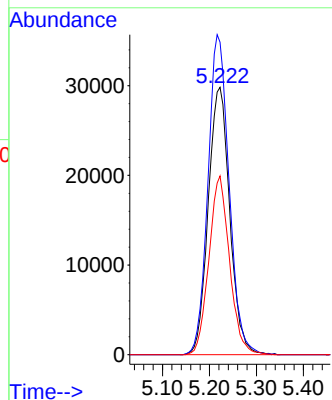
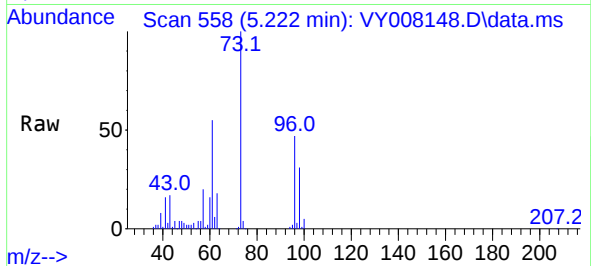




#21  
trans-1,2-Dichloroethene  
Concen: 48.284 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

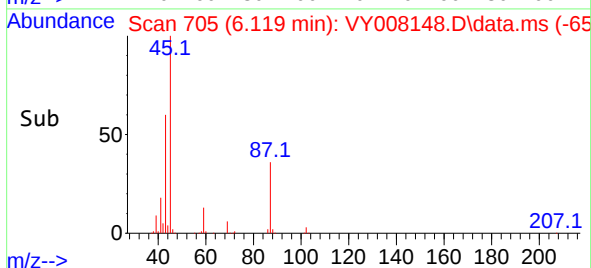
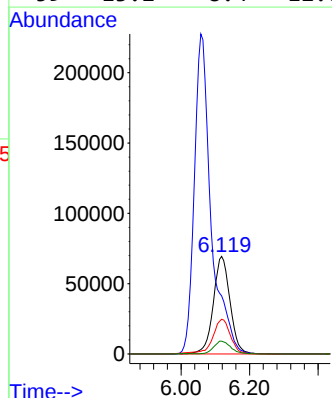
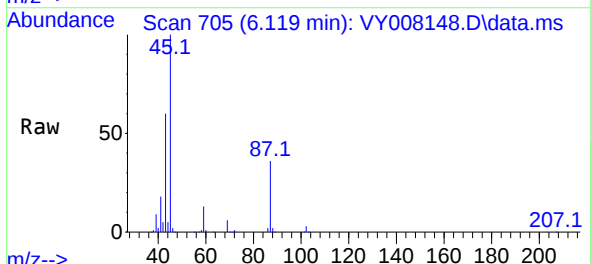
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 94851  
Ion Ratio Lower Upper  
96 100  
61 116.9 120.5 180.7#  
98 66.9 49.8 74.8



#22  
Diisopropyl ether  
Concen: 48.947 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.001 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 45 Resp: 235056  
Ion Ratio Lower Upper  
45 100  
43 59.4 49.3 73.9  
87 35.7 19.2 28.8#  
59 13.2 8.4 12.6#

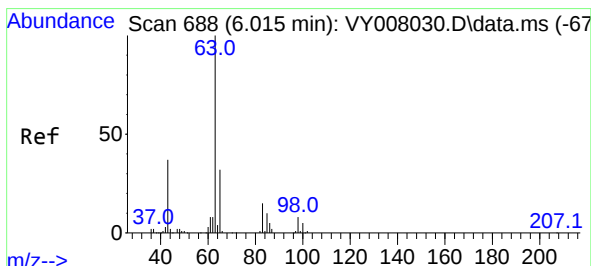
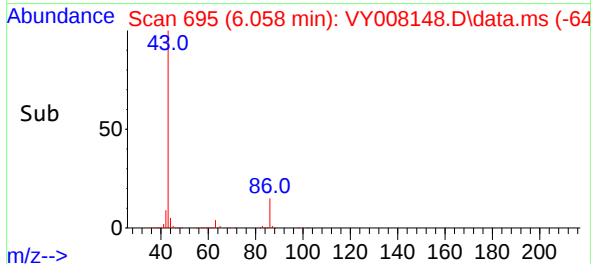
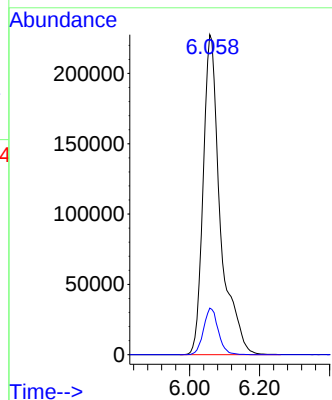
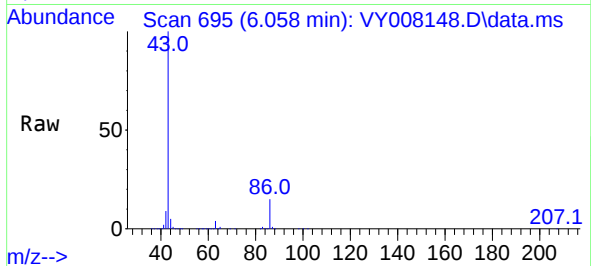




#23  
 Vinyl Acetate  
 Concen: 260.139 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. 0.001 min  
 Lab File: VY008148.D  
 Acq: 31 Mar 2022 19:02

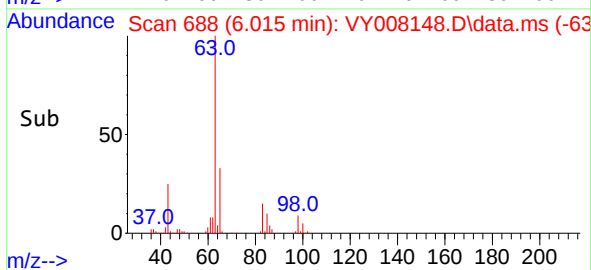
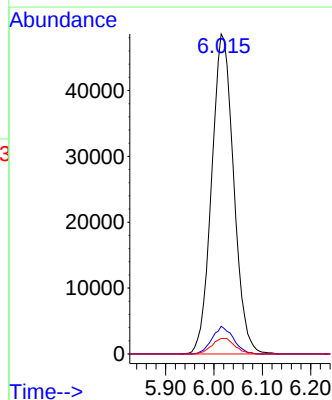
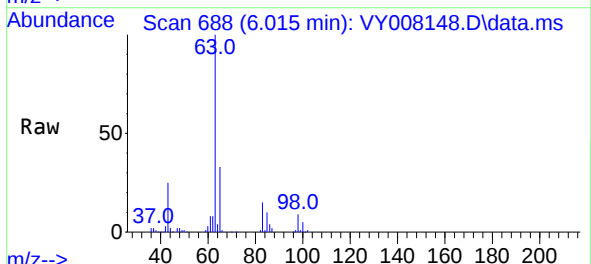
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

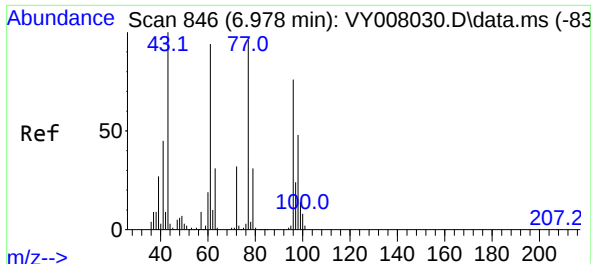
Tgt Ion: 43 Resp: 774079  
 Ion Ratio Lower Upper  
 43 100  
 86 14.6 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 48.335 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY008148.D  
 Acq: 31 Mar 2022 19:02

Tgt Ion: 63 Resp: 153671  
 Ion Ratio Lower Upper  
 63 100  
 98 8.7 3.6 10.8  
 100 4.9 2.0 5.8

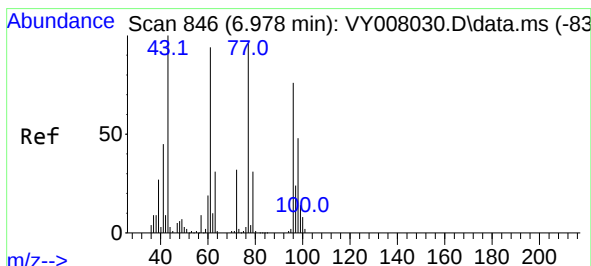
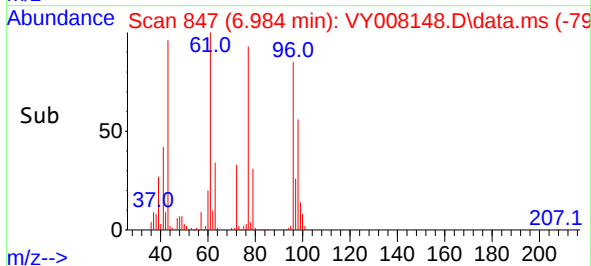
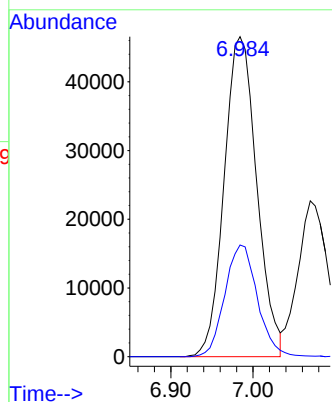
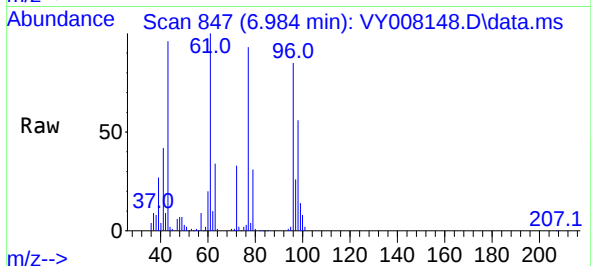




#25  
2-Butanone  
Concen: 230.453 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

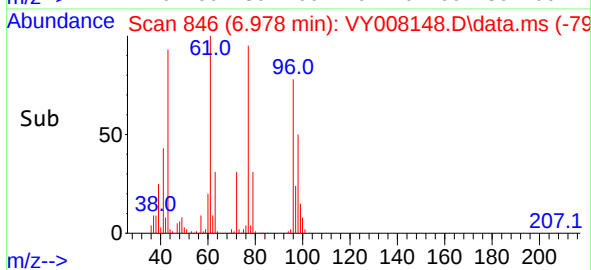
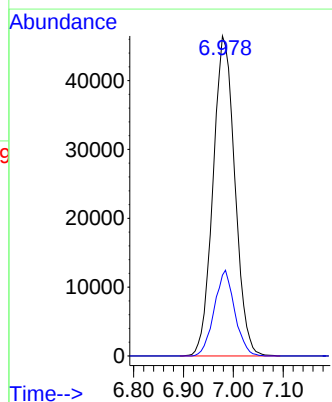
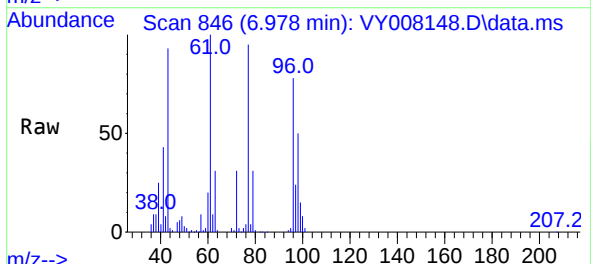
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

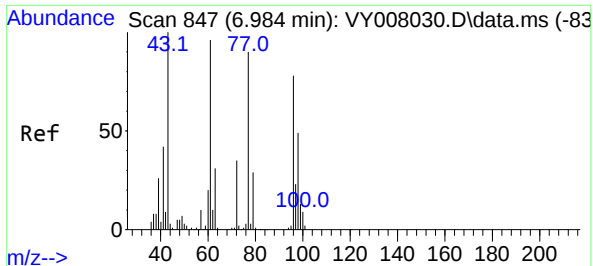
Tgt Ion: 43 Resp: 128599  
Ion Ratio Lower Upper  
43 100  
72 34.9 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 46.969 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 77 Resp: 141419  
Ion Ratio Lower Upper  
77 100  
97 25.1 10.4 31.4



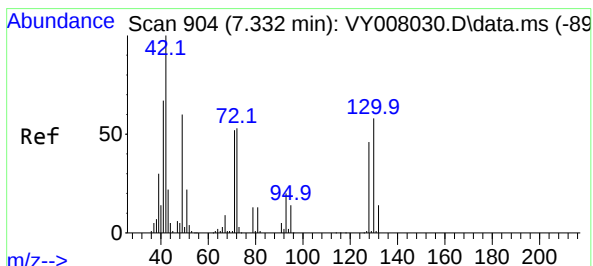
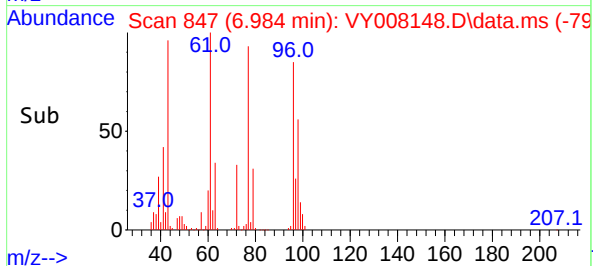
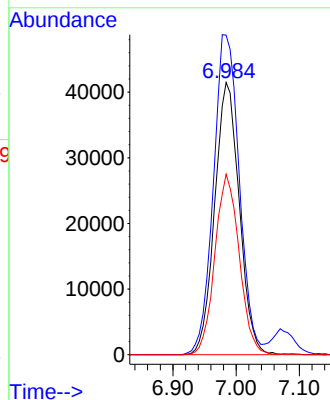
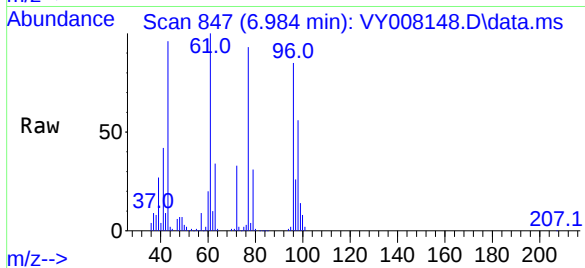


#27  
 cis-1,2-Dichloroethene  
 Concen: 49.185 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY008148.D  
 Acq: 31 Mar 2022 19:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 111993  

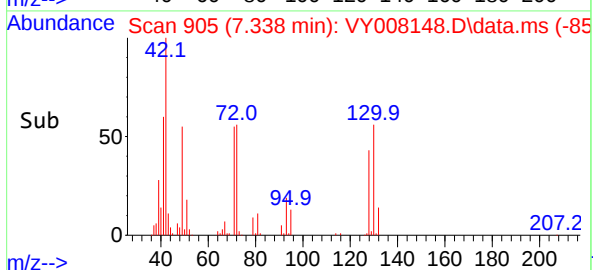
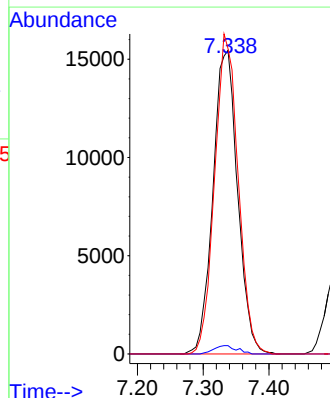
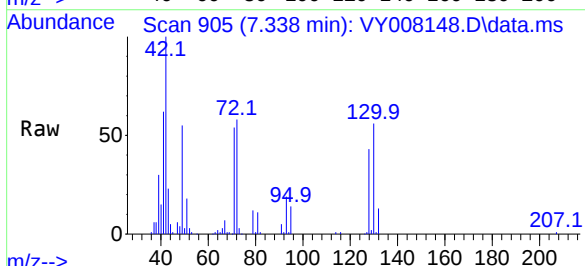
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 123.5 | 0.0   | 319.8 |
| 98  | 65.6  | 0.0   | 127.0 |

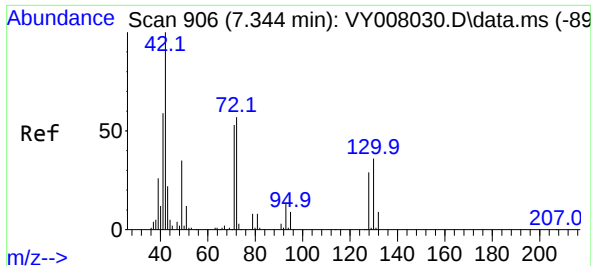


#28  
 Bromochloromethane  
 Concen: 47.629 ug/l  
 RT: 7.338 min Scan# 905  
 Delta R.T. 0.006 min  
 Lab File: VY008148.D  
 Acq: 31 Mar 2022 19:02

Tgt Ion: 49 Resp: 40290  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.6   | 0.0   | 2.2#  |
| 130 | 100.6 | 55.4  | 83.0# |

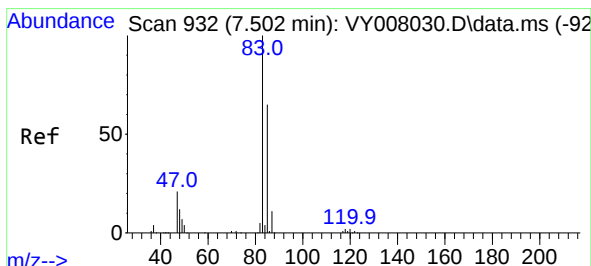
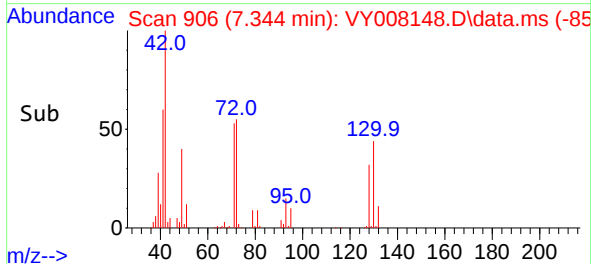
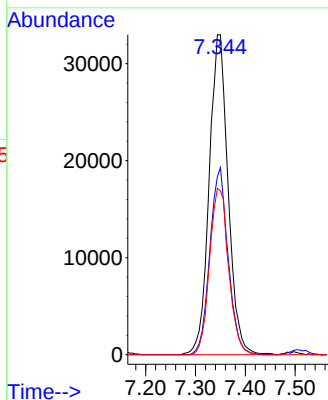
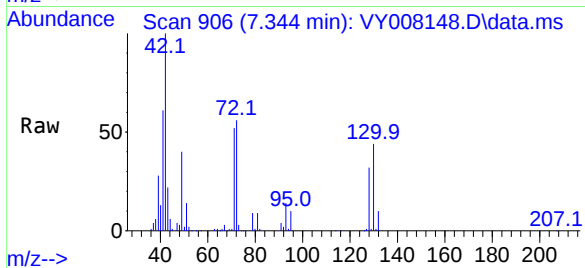




#29  
Tetrahydrofuran  
Concen: 239.477 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

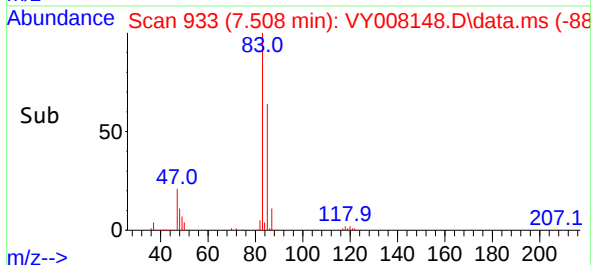
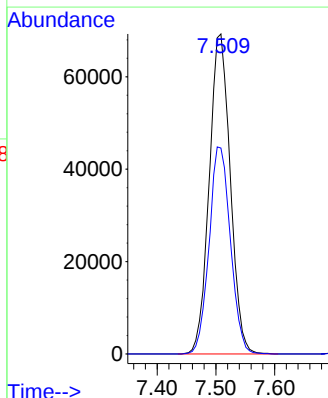
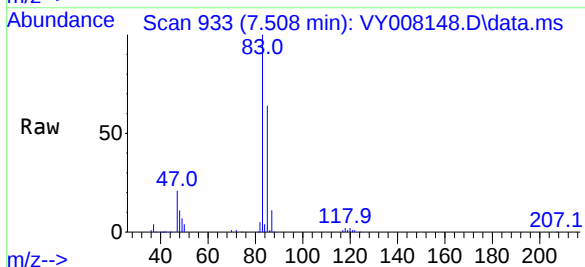
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

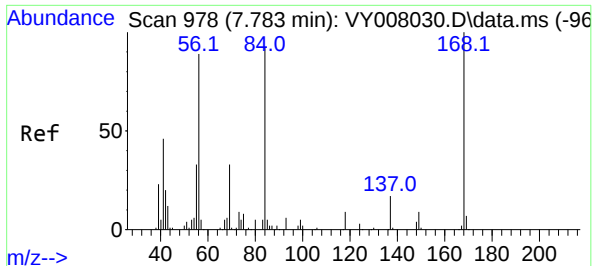
Tgt Ion: 42 Resp: 86880  
Ion Ratio Lower Upper  
42 100  
72 56.4 30.3 45.5#  
71 52.2 29.0 43.4#



#30  
Chloroform  
Concen: 50.014 ug/l  
RT: 7.508 min Scan# 933  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 83 Resp: 172173  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.8 77.6

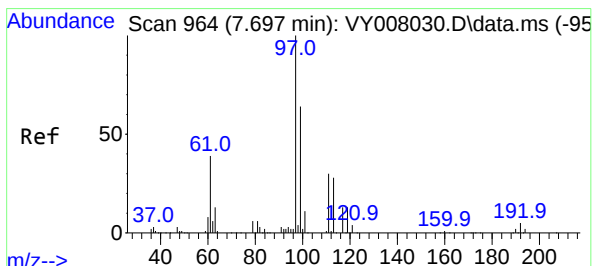
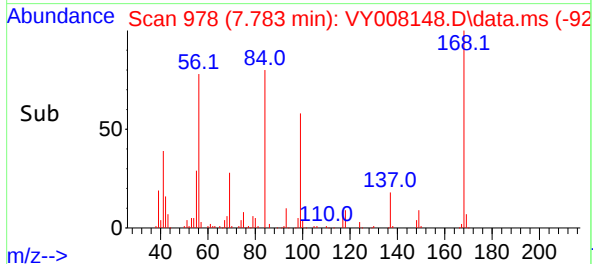
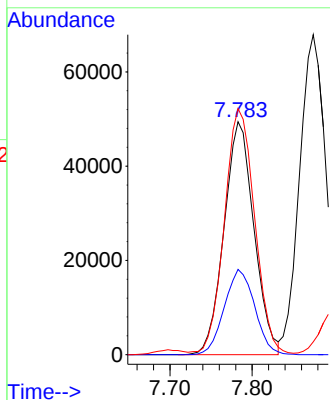
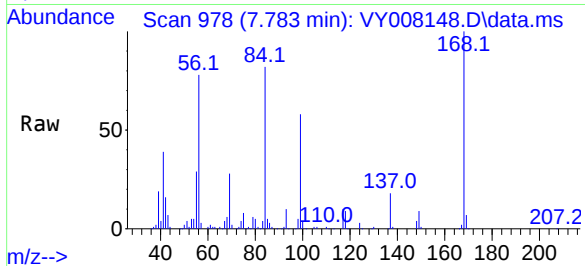




#31  
Cyclohexane  
Concen: 41.781 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

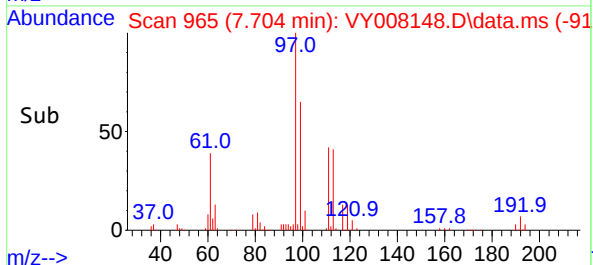
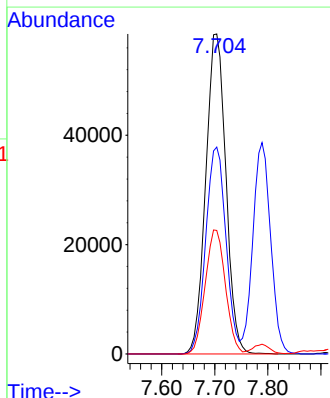
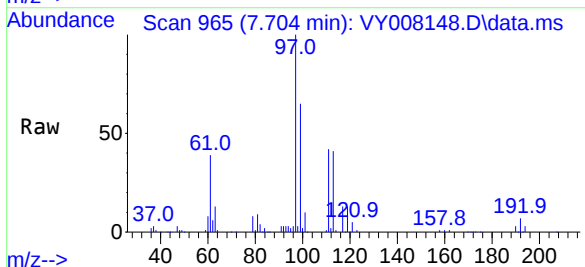
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

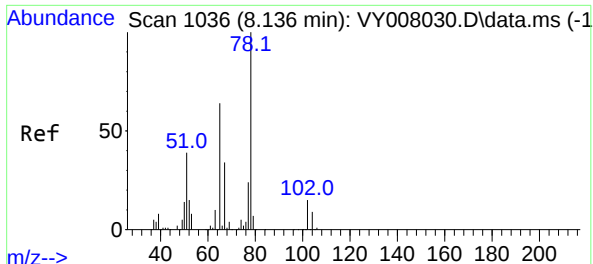
Tgt Ion: 56 Resp: 125291  
Ion Ratio Lower Upper  
56 100  
69 36.6 26.7 40.1  
84 103.8 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 48.552 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.007 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 97 Resp: 154434  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.7 76.1  
61 39.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.741 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

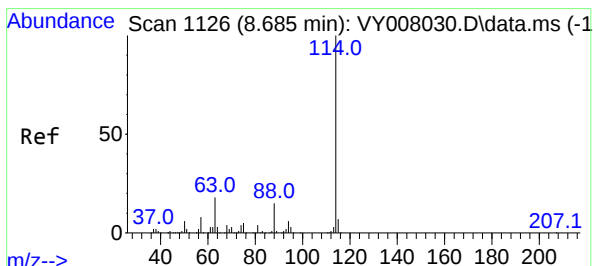
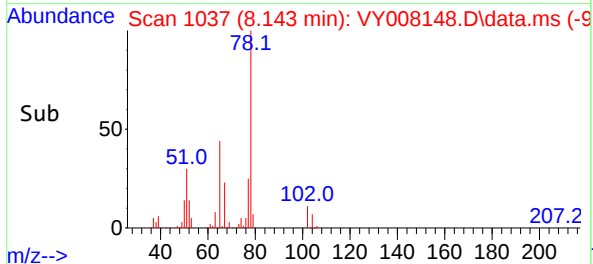
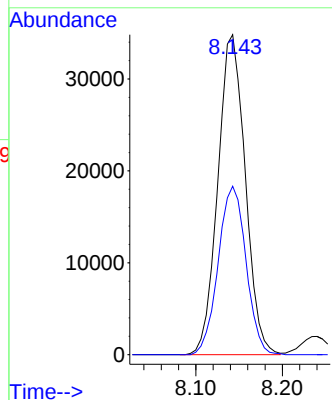
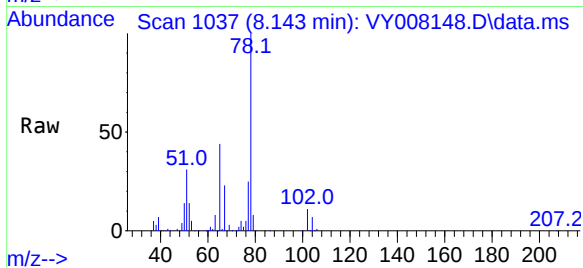
VSTDCCC050EC

Tgt Ion: 65 Resp: 76590

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

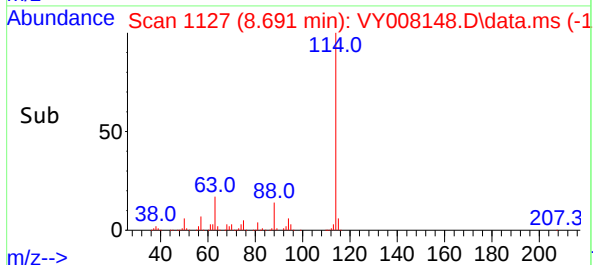
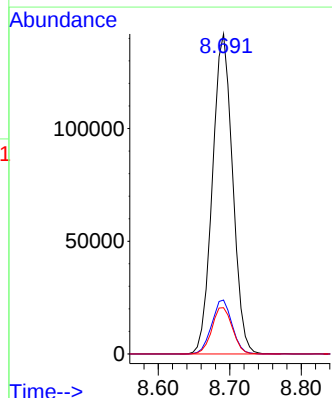
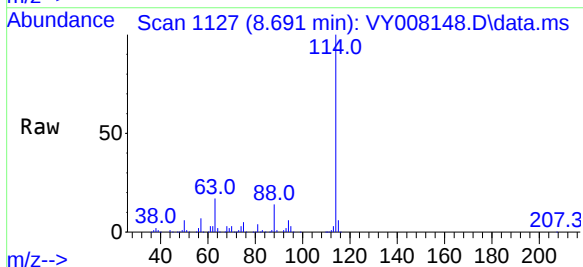
Tgt Ion: 114 Resp: 278056

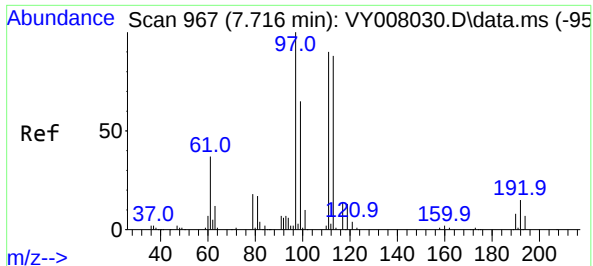
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 14.4 0.0 31.8

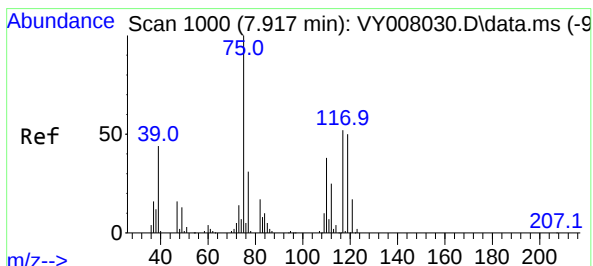
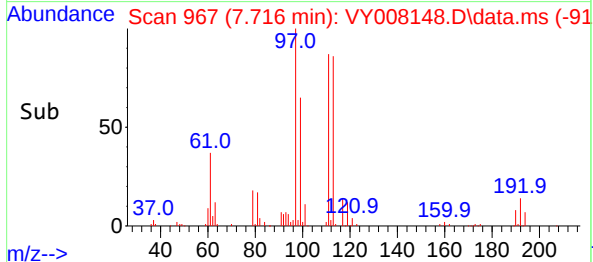
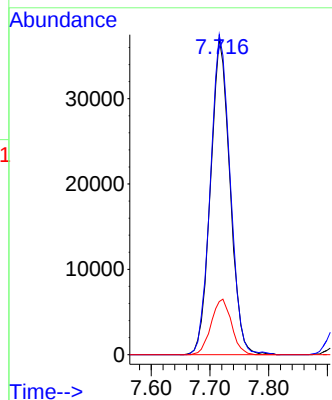
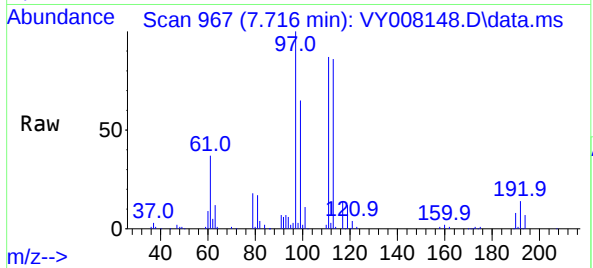




#35  
Dibromofluoromethane  
Concen: 48.699 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

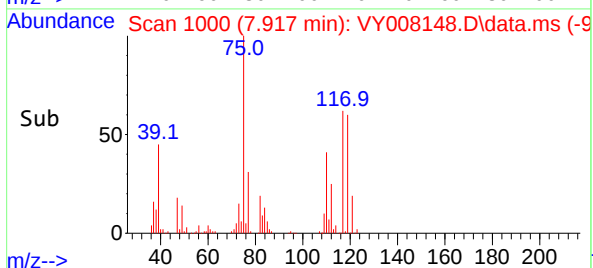
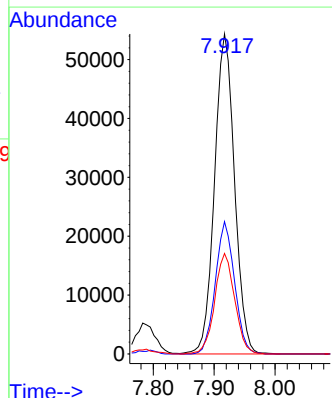
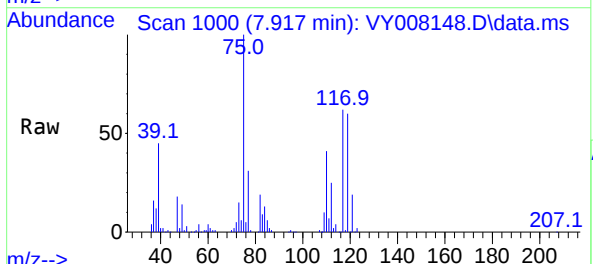
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

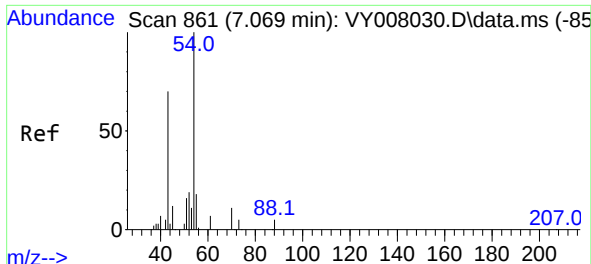
Tgt Ion:113 Resp: 84899  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 124.0  
192 18.4 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 45.268 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 75 Resp: 123965  
Ion Ratio Lower Upper  
75 100  
110 39.7 17.1 51.2  
77 31.4 24.4 36.6

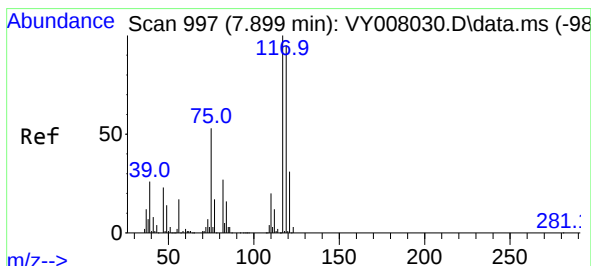
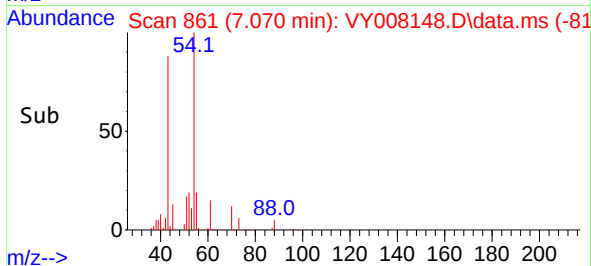
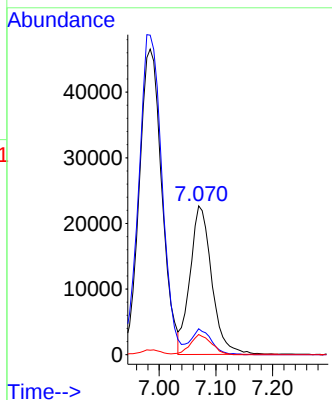
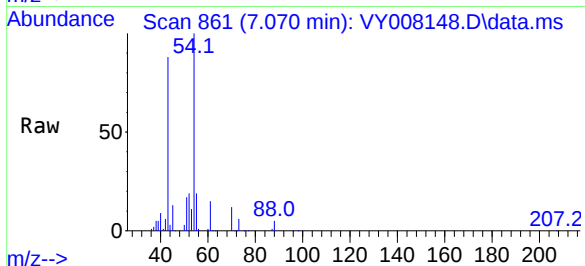




#37  
Ethyl Acetate  
Concen: 46.938 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. 0.001 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

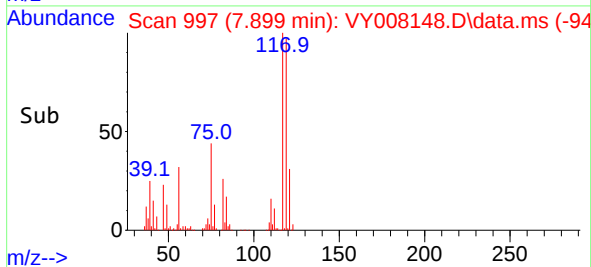
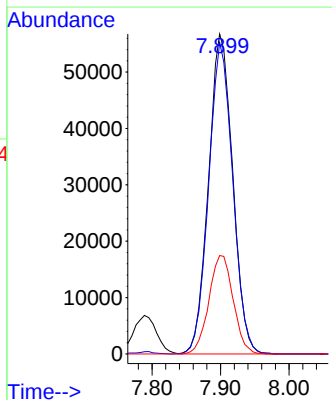
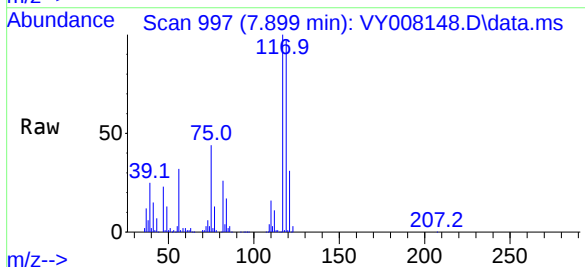
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

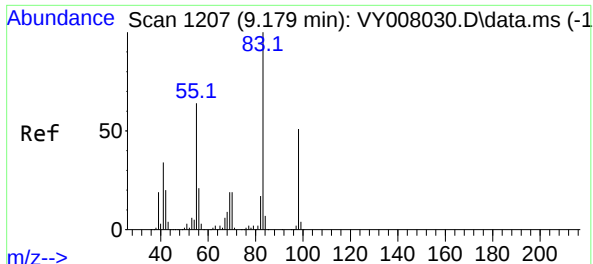
Tgt Ion: 43 Resp: 60046  
Ion Ratio Lower Upper  
43 100  
61 15.9 9.7 14.5#  
70 13.2 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 46.683 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 117 Resp: 139316  
Ion Ratio Lower Upper  
117 100  
119 97.4 77.9 116.9  
121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 43.741 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

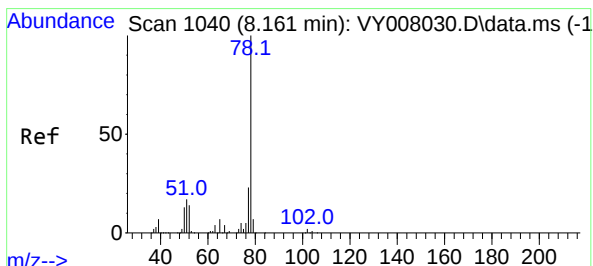
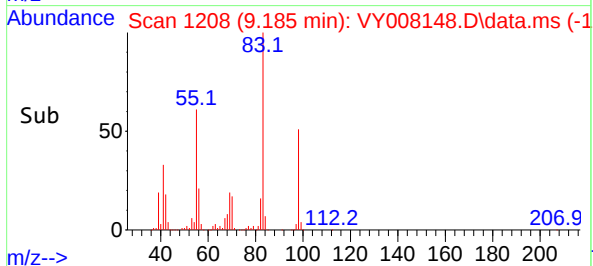
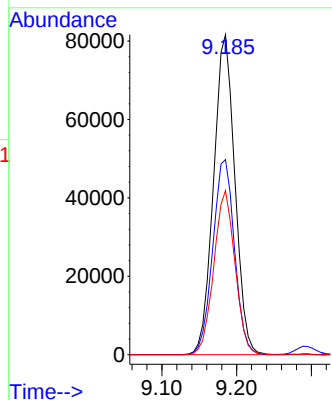
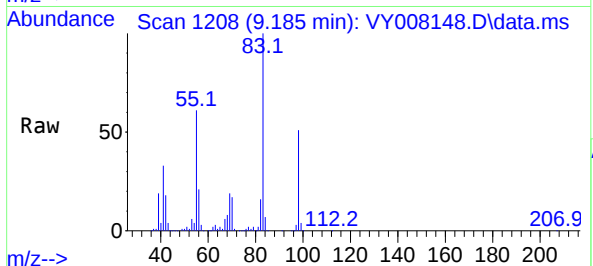
Tgt Ion: 83 Resp: 161681

Ion Ratio Lower Upper

83 100

55 60.9 66.5 99.7#

98 51.3 37.9 56.9



#40

Benzene

Concen: 47.652 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008148.D

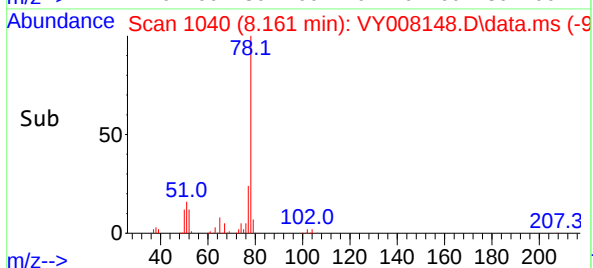
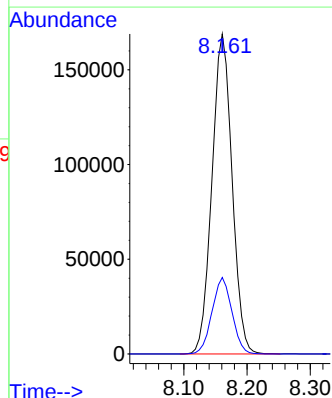
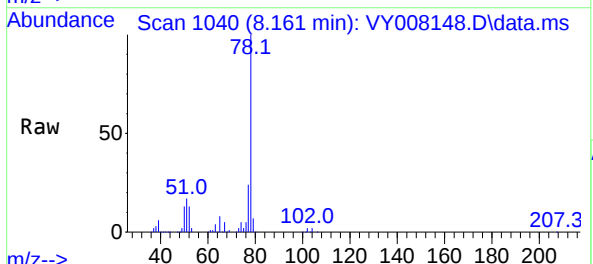
Acq: 31 Mar 2022 19:02

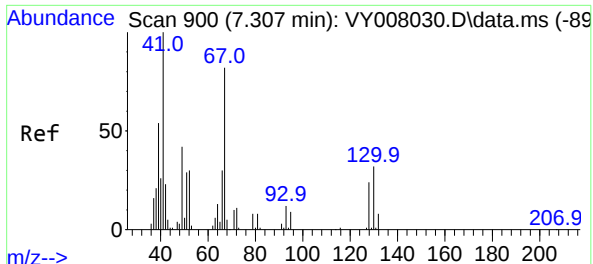
Tgt Ion: 78 Resp: 373267

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

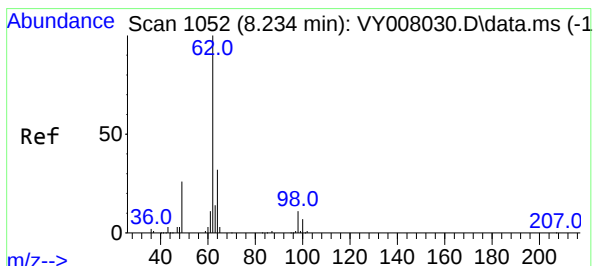
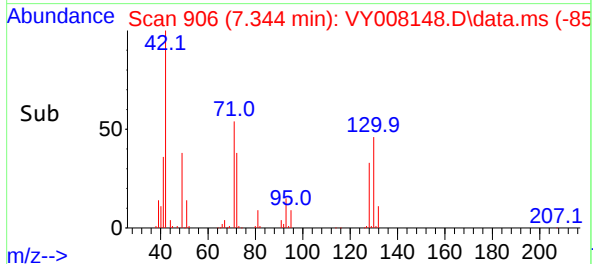
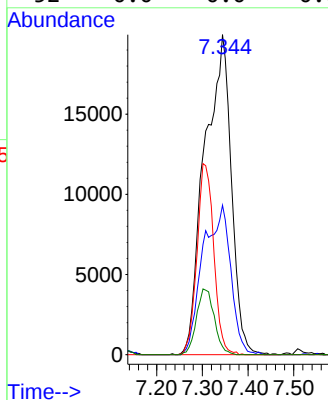
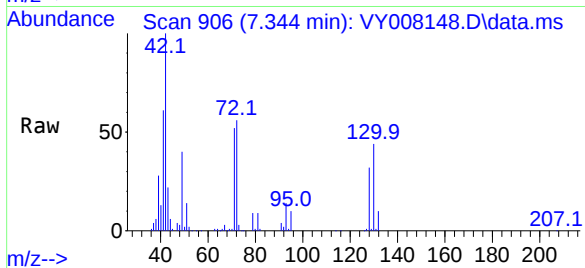




#41  
Methacrylonitrile  
Concen: 125.651 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.037 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

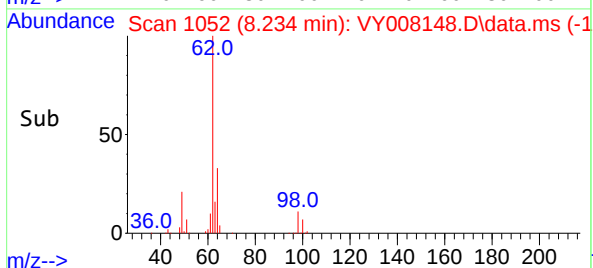
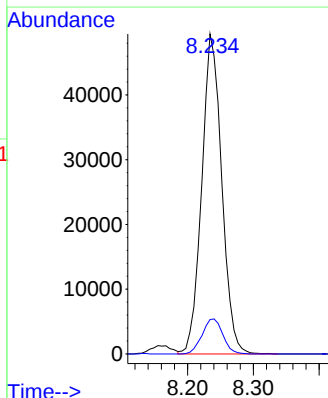
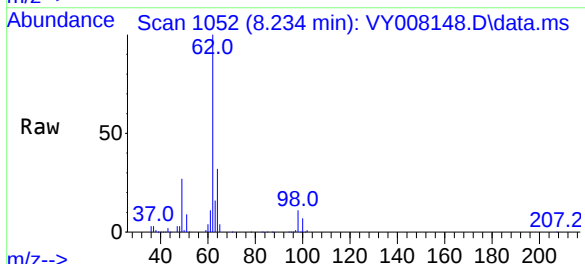
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 80712  
Ion Ratio Lower Upper  
41 100  
39 48.7 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 47.512 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 62 Resp: 104403  
Ion Ratio Lower Upper  
62 100  
98 11.4 0.0 14.8

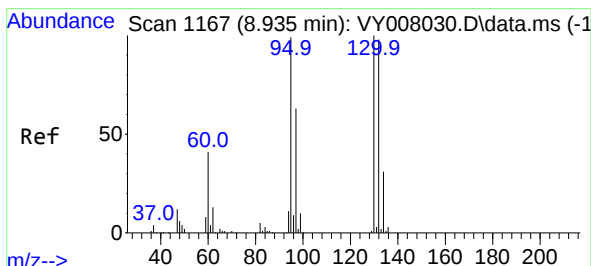
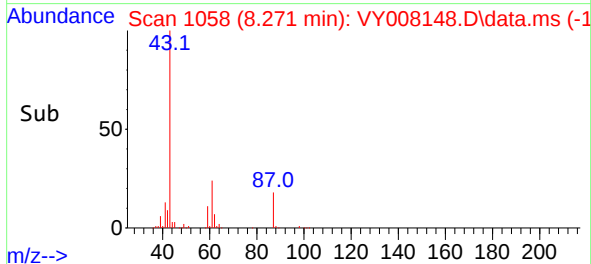
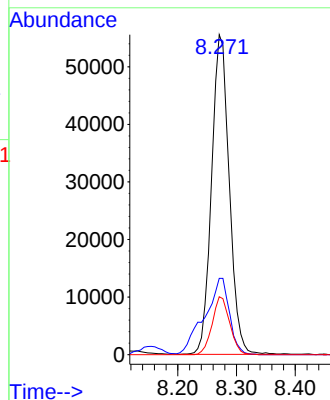
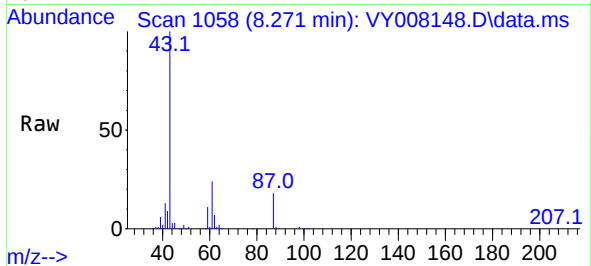




#43  
Isopropyl Acetate  
Concen: 46.344 ug/l  
RT: 8.271 min Scan# 1163  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

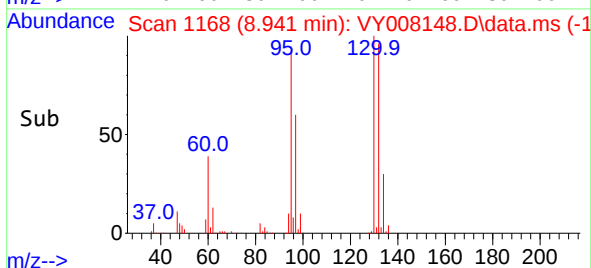
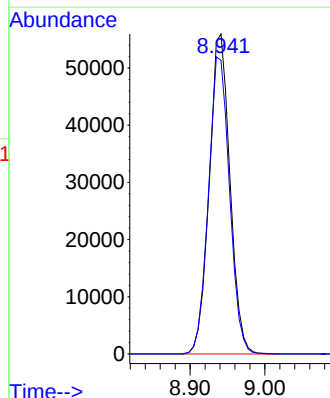
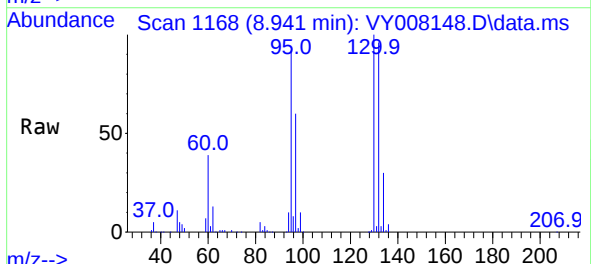
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

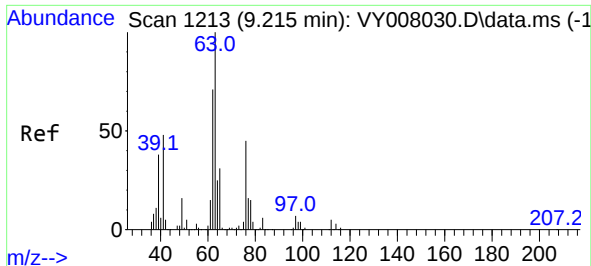
Tgt Ion: 43 Resp: 116385  
Ion Ratio Lower Upper  
43 100  
61 33.4 20.2 30.2#  
87 17.9 8.9 13.3#



#44  
Trichloroethene  
Concen: 47.560 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:130 Resp: 107731  
Ion Ratio Lower Upper  
130 100  
95 91.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 47.607 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

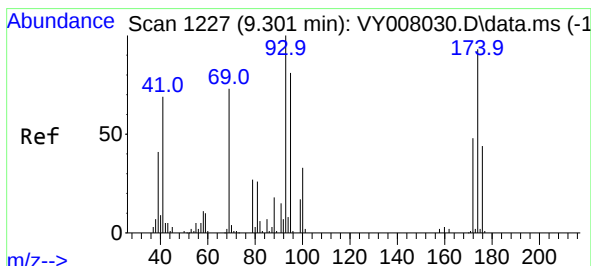
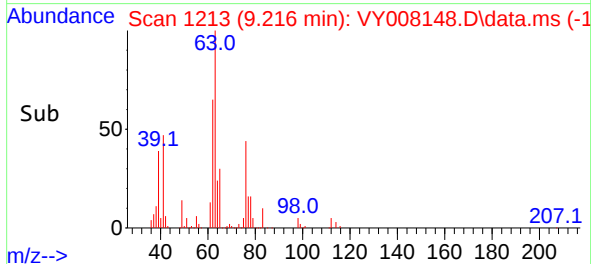
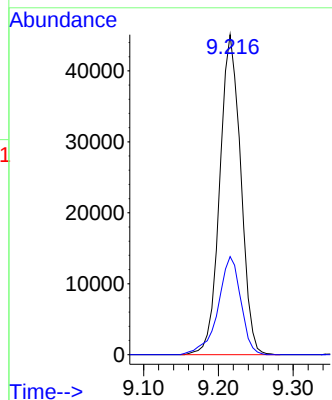
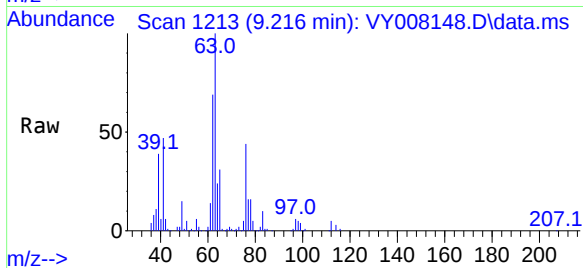
VSTDCCC050EC

Tgt Ion: 63 Resp: 87888

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.6



#46

Dibromomethane

Concen: 48.586 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

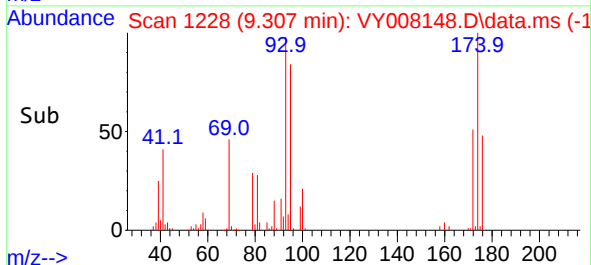
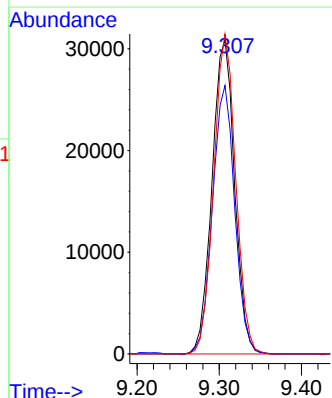
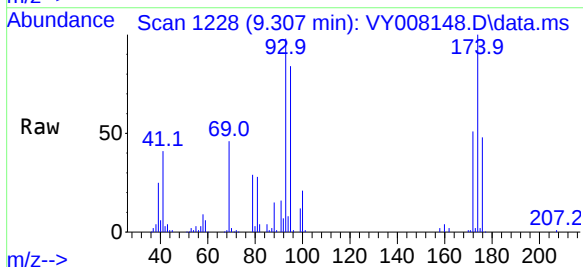
Tgt Ion: 93 Resp: 58977

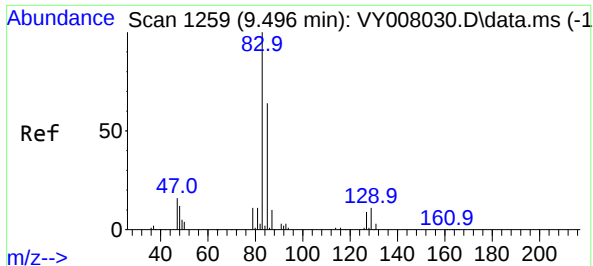
Ion Ratio Lower Upper

93 100

95 84.2 64.3 96.5

174 99.2 83.4 125.0

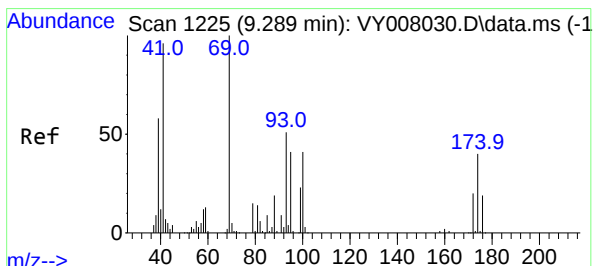
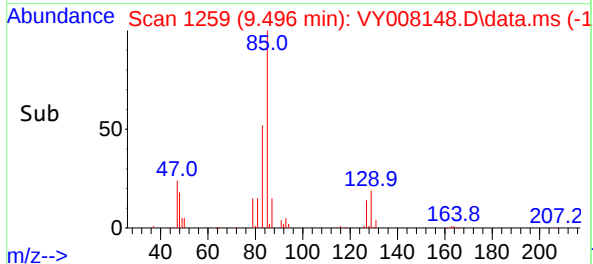
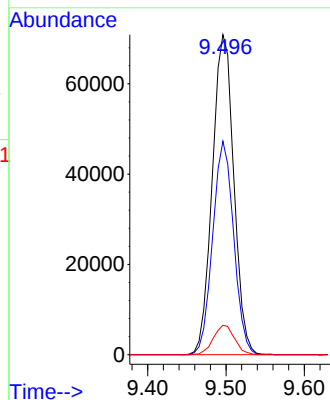
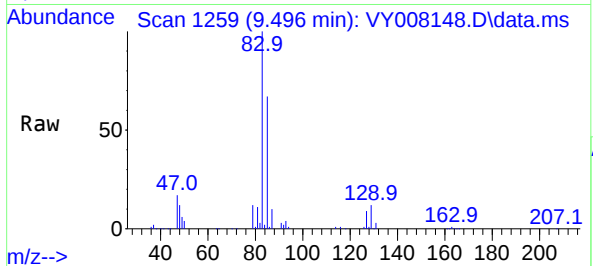




#47  
Bromodichloromethane  
Concen: 48.674 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

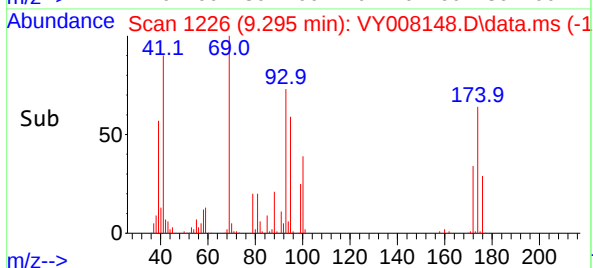
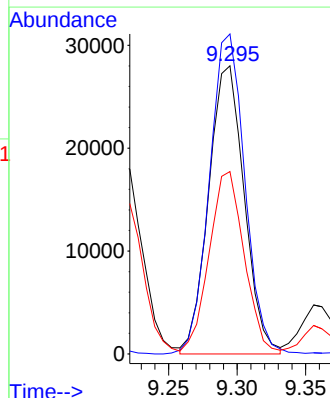
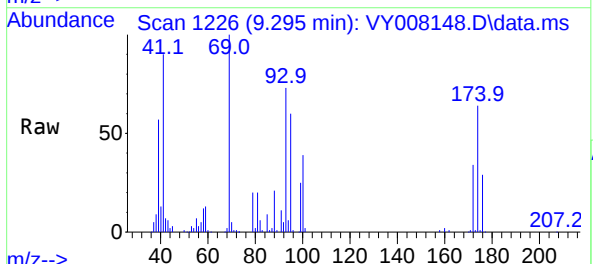
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

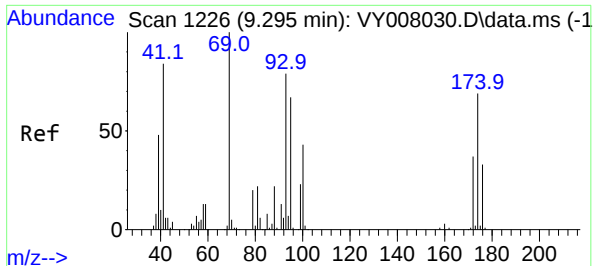
Tgt Ion: 83 Resp: 135104  
Ion Ratio Lower Upper  
83 100  
85 66.7 51.9 77.9  
127 9.2 6.6 10.0



#48  
Methyl methacrylate  
Concen: 45.569 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 41 Resp: 50686  
Ion Ratio Lower Upper  
41 100  
69 110.1 58.2 87.2#  
39 62.5 47.4 71.0

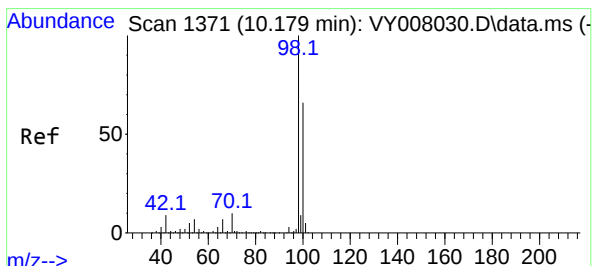
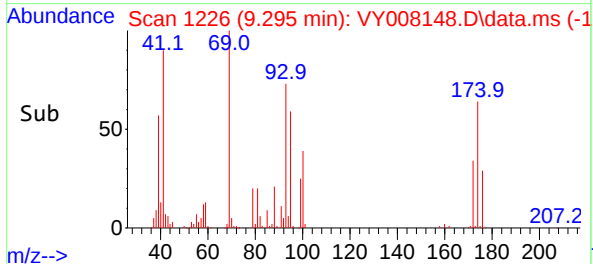
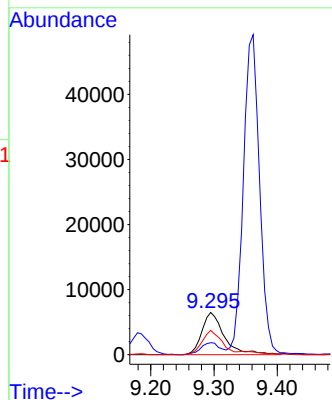
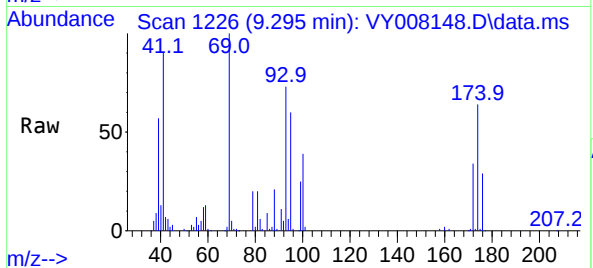




#49  
1,4-Dioxane  
Concen: 992.886 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

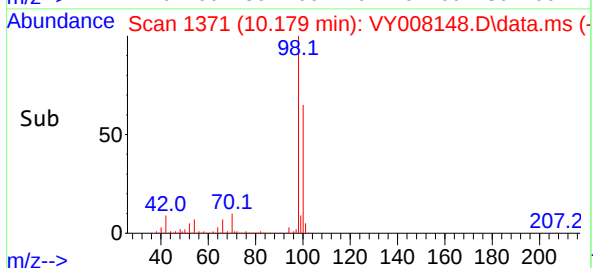
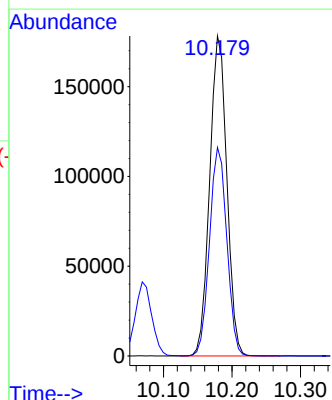
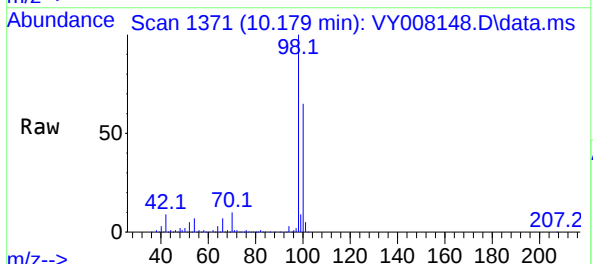
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

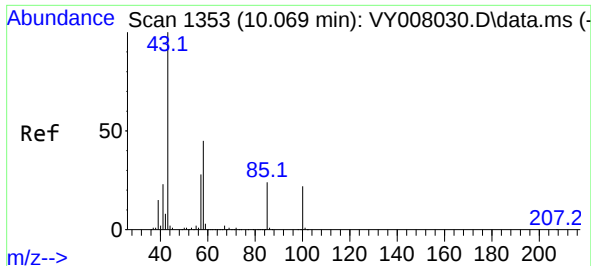
Tgt Ion: 88 Resp: 16022  
Ion Ratio Lower Upper  
88 100  
43 24.9 32.8 49.2#  
58 50.5 59.8 89.6#



#50  
Toluene-d8  
Concen: 47.202 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 98 Resp: 310025  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.2 75.2

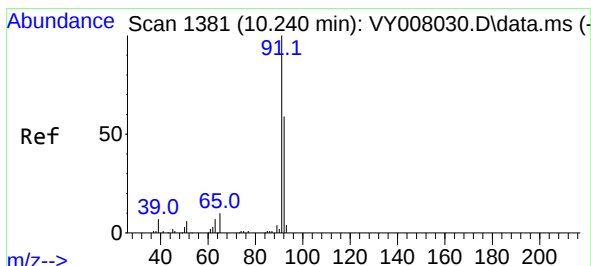
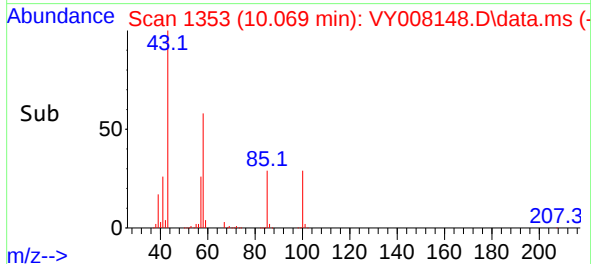
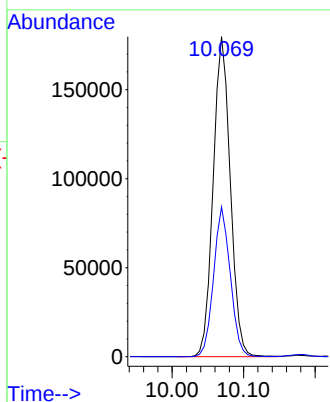
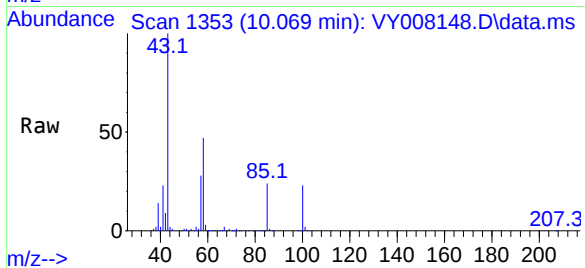




#51  
4-Methyl-2-Pentanone  
Concen: 236.083 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

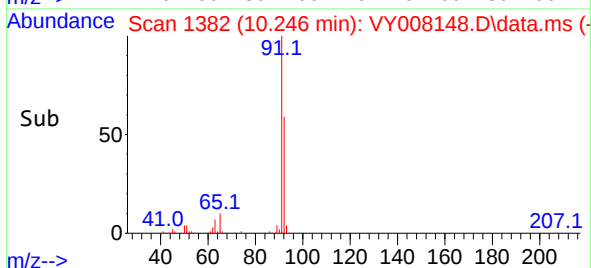
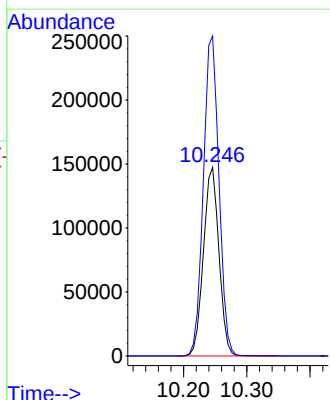
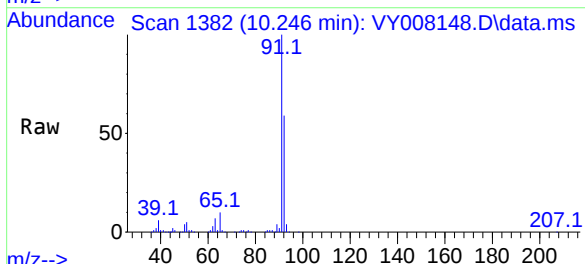
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

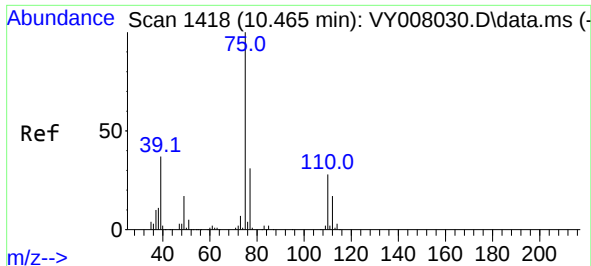
Tgt Ion: 43 Resp: 299025  
Ion Ratio Lower Upper  
43 100  
58 45.6 28.1 42.1#



#52  
Toluene  
Concen: 48.955 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 92 Resp: 251487  
Ion Ratio Lower Upper  
92 100  
91 170.4 142.6 213.8

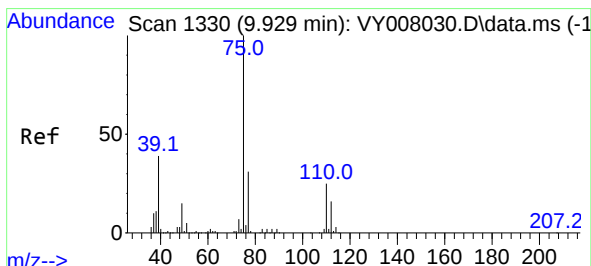
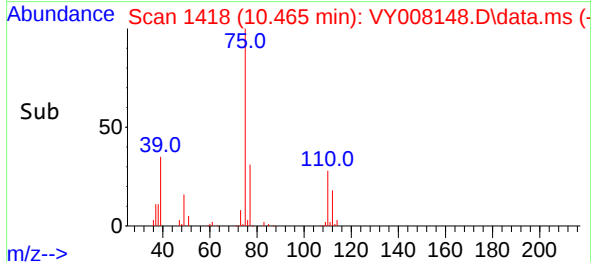
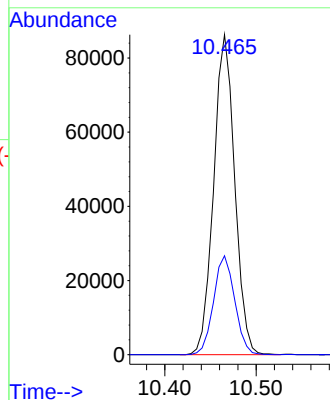
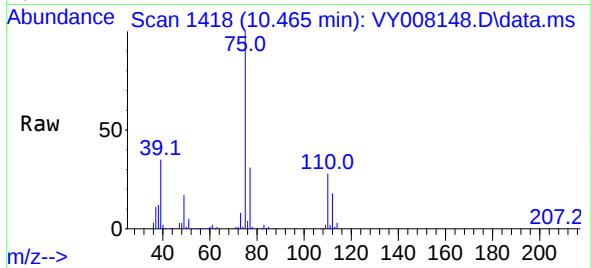




#53  
t-1,3-Dichloropropene  
Concen: 48.541 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

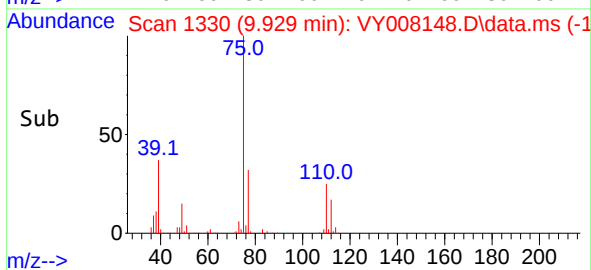
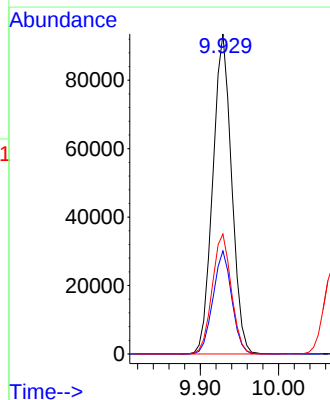
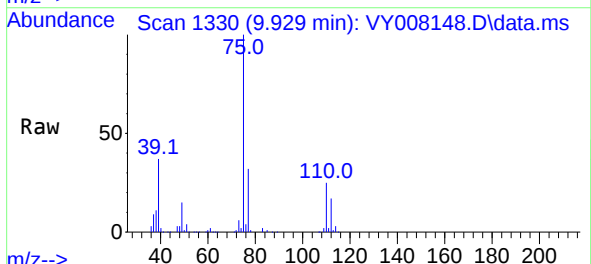
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

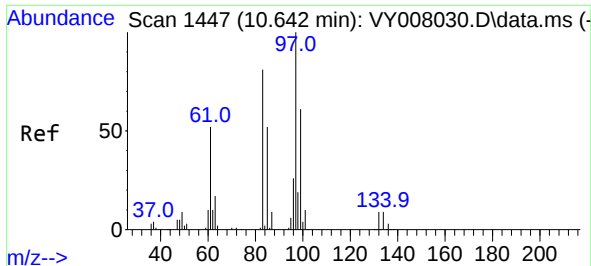
Tgt Ion: 75 Resp: 138113  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 48.483 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 75 Resp: 156156  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.6 38.4  
39 37.5 47.6 71.4#

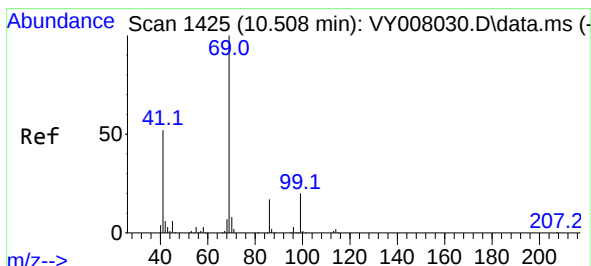
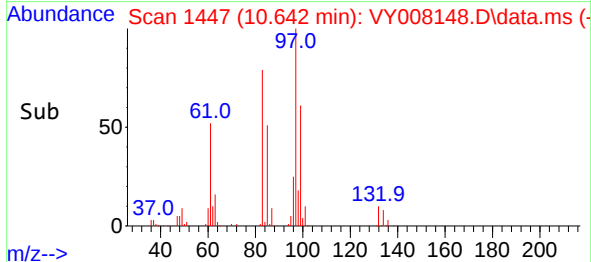
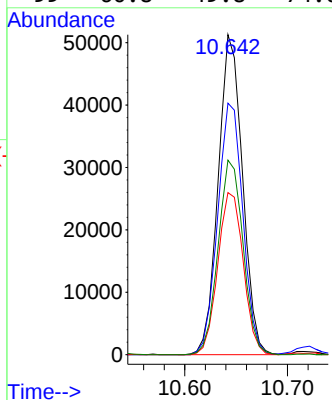
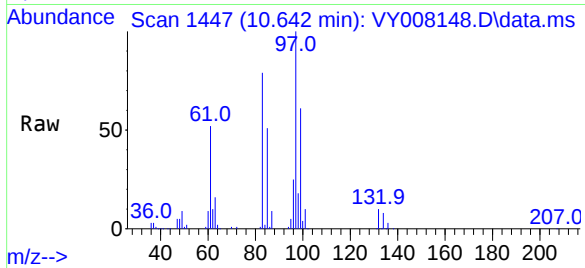




#55  
1,1,2-Trichloroethane  
Concen: 50.184 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

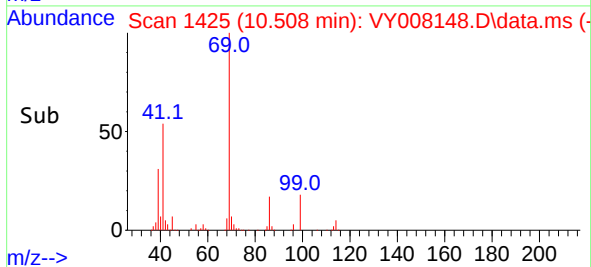
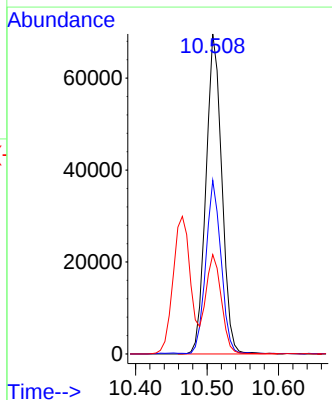
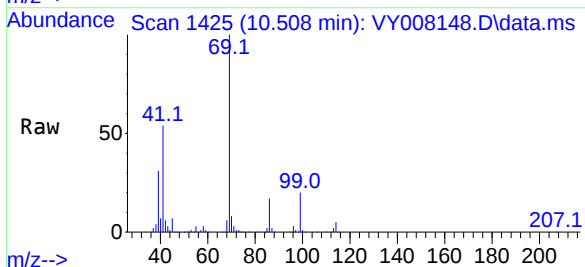
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

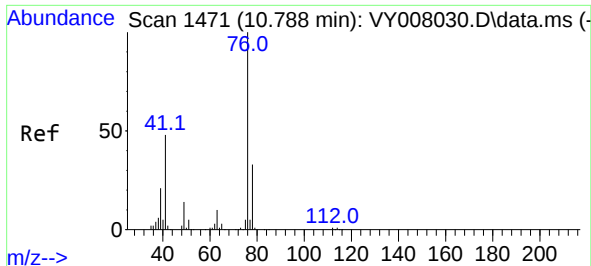
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 84115 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.6  | 69.8  | 104.8 |
| 85       | 50.7  | 44.3  | 66.5  |
| 99       | 60.8  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 49.062 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 107269 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 51.8  | 63.4  | 95.0#  |
| 39       | 29.8  | 35.8  | 53.8#  |

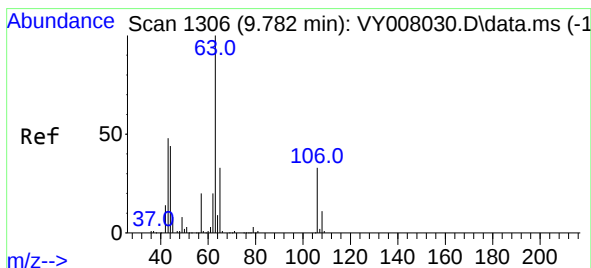
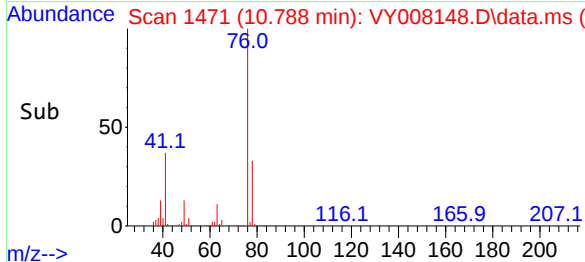
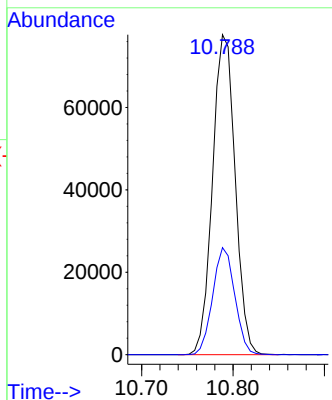
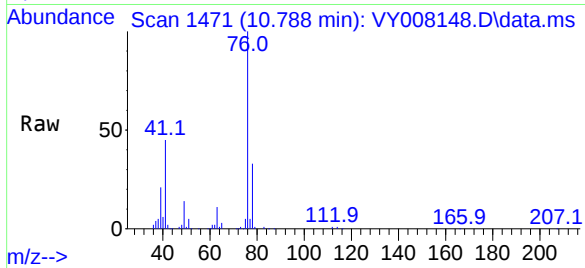




#57  
1,3-Dichloropropane  
Concen: 48.730 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

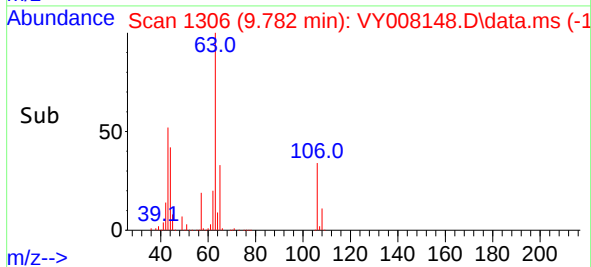
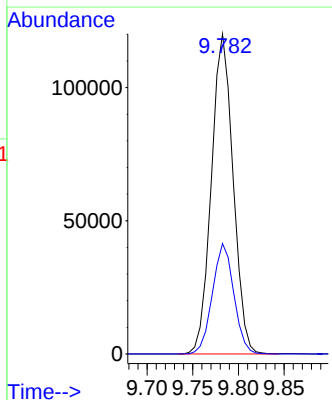
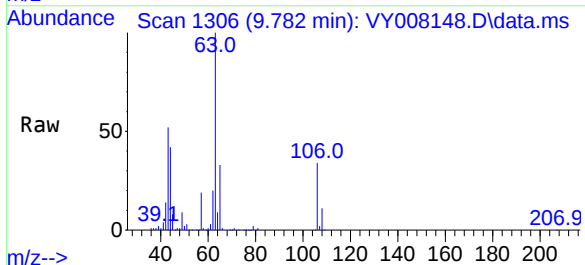
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

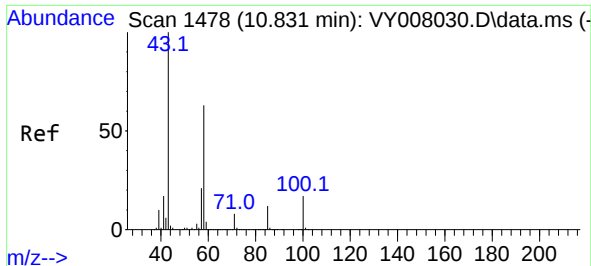
Tgt Ion: 76 Resp: 133680  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 219.256 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 63 Resp: 198622  
Ion Ratio Lower Upper  
63 100  
106 33.9 21.5 32.3#

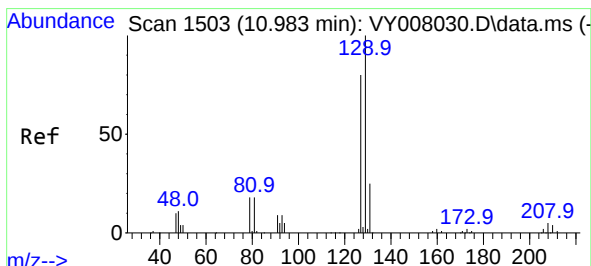
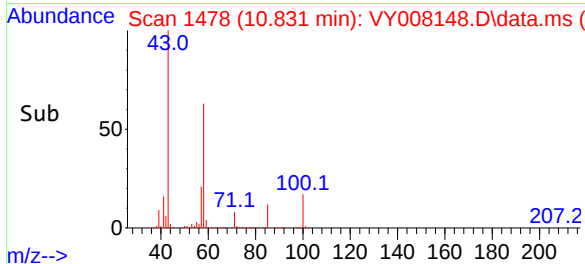
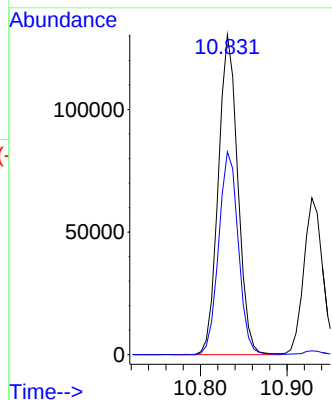
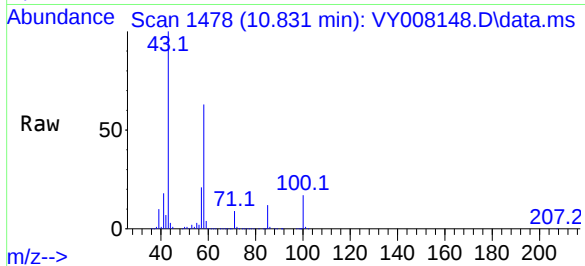




#59  
2-Hexanone  
Concen: 230.437 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

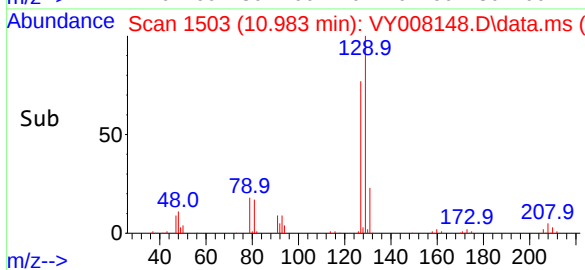
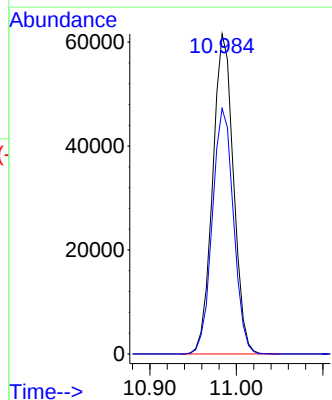
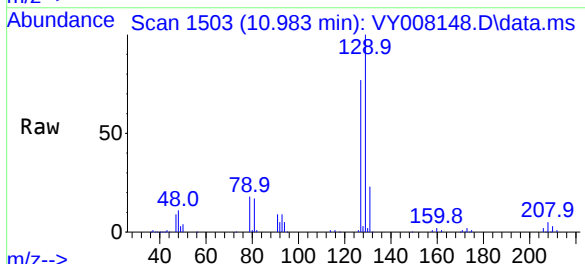
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

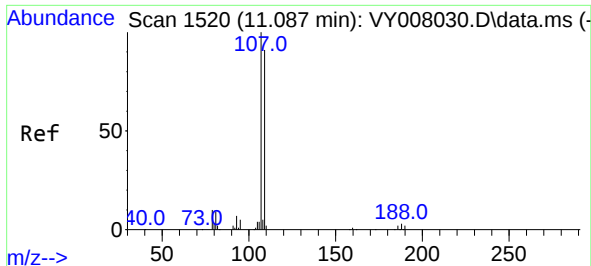
Tgt Ion: 43 Resp: 204238  
Ion Ratio Lower Upper  
43 100  
58 63.8 24.4 73.4



#60  
Dibromochloromethane  
Concen: 50.344 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:129 Resp: 102626  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.7 116.1

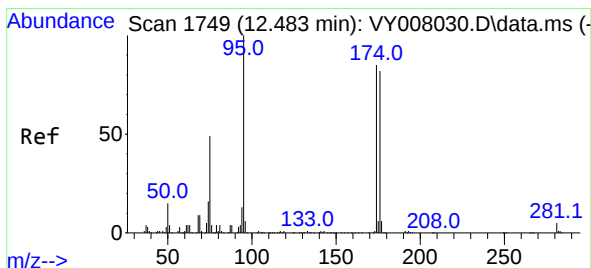
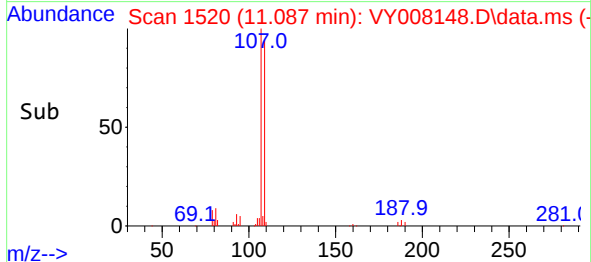
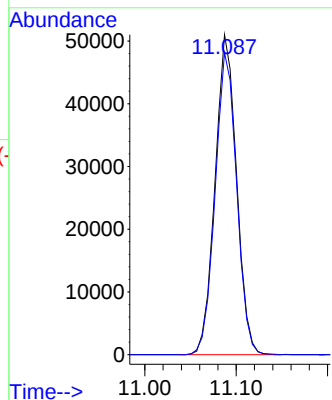
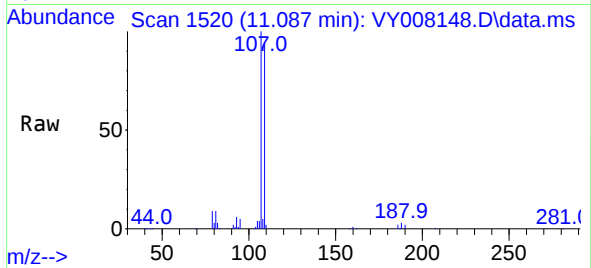




#61  
1,2-Dibromoethane  
Concen: 49.831 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

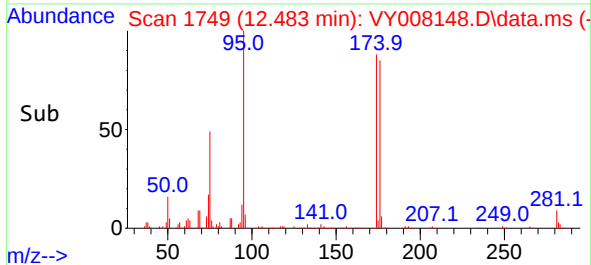
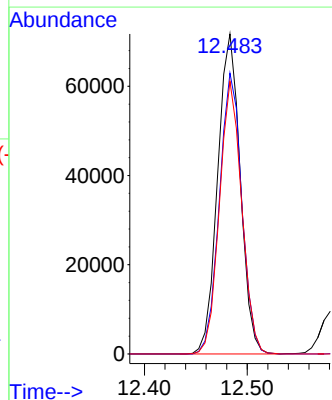
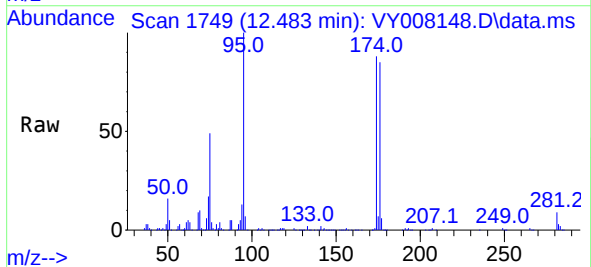
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

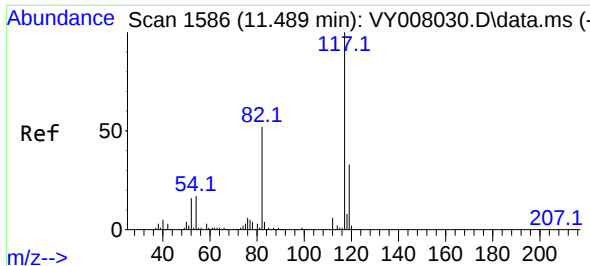
Tgt Ion:107 Resp: 83185  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 47.120 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 95 Resp: 109188  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 177.0  
176 83.7 0.0 175.8

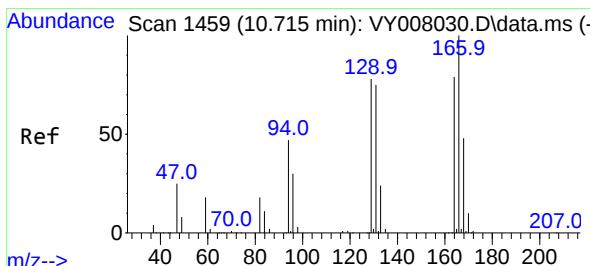
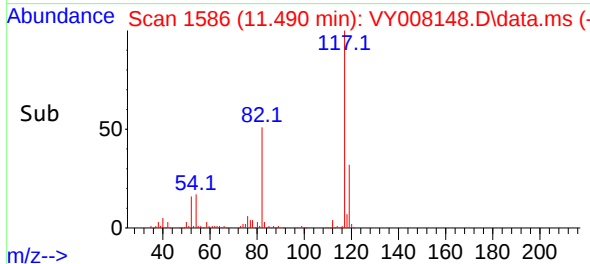
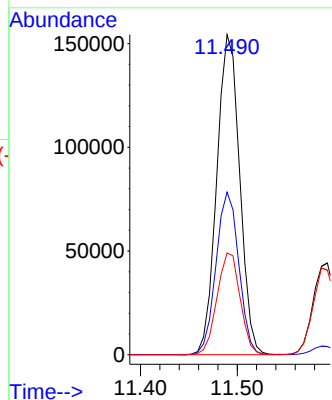
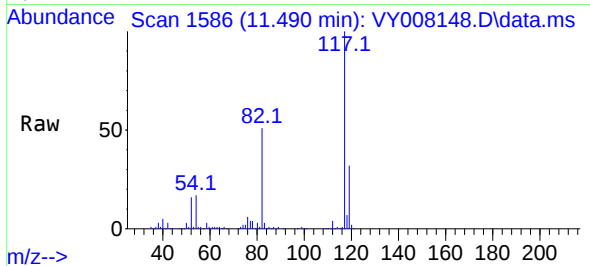




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

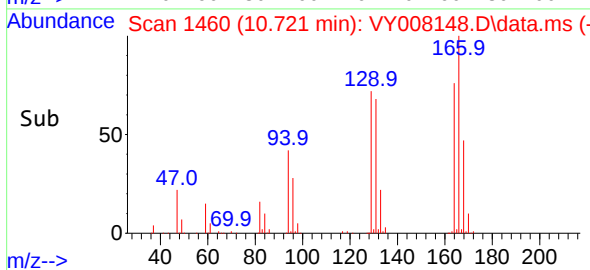
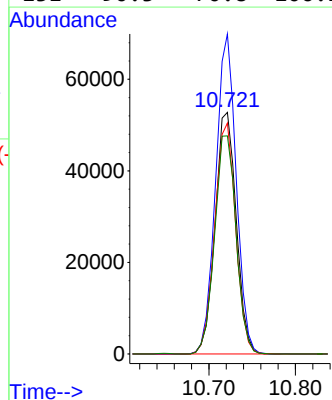
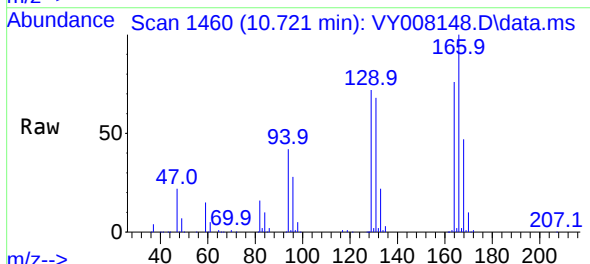
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDC0050EC

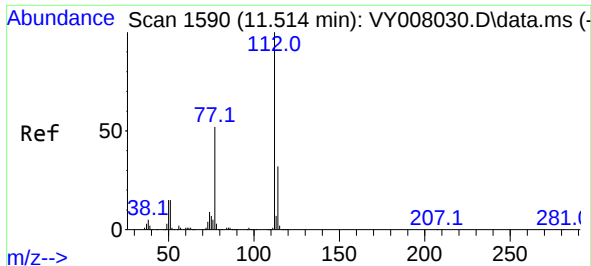
Tgt Ion:117 Resp: 253845  
Ion Ratio Lower Upper  
117 100  
82 50.8 43.0 64.4  
119 31.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 45.968 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:164 Resp: 89622  
Ion Ratio Lower Upper  
164 100  
166 132.4 100.4 150.6  
129 95.5 71.4 107.0  
131 90.3 70.8 106.2

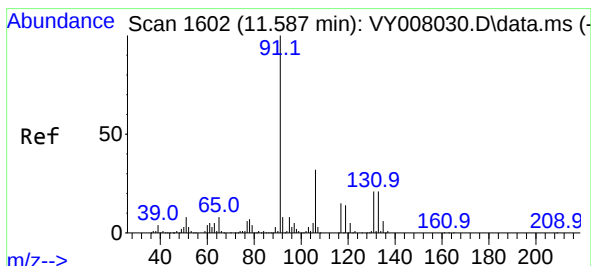
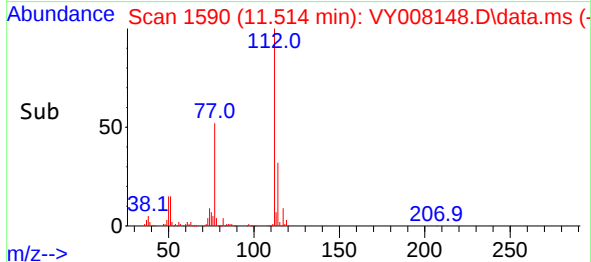
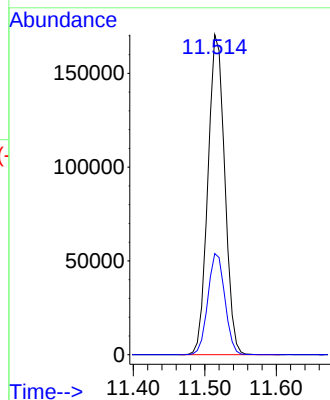
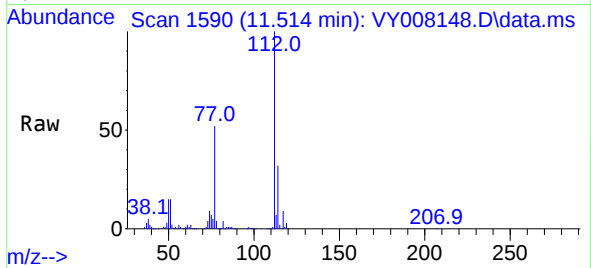




#65  
Chlorobenzene  
Concen: 48.764 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

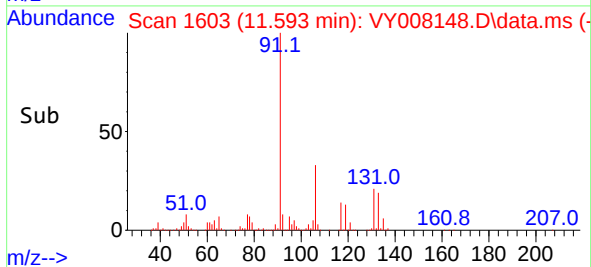
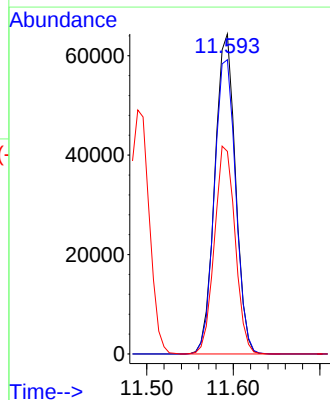
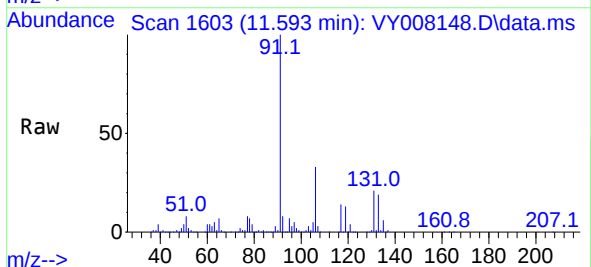
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

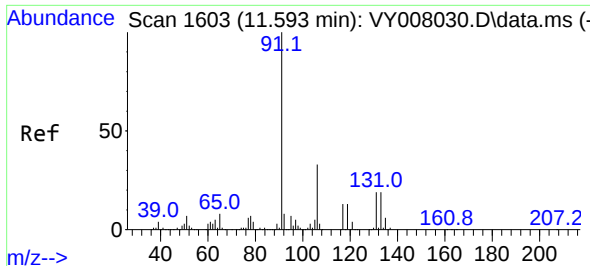
Tgt Ion:112 Resp: 279108  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.466 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:131 Resp: 106546  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.9 143.6  
119 65.2 30.8 92.3

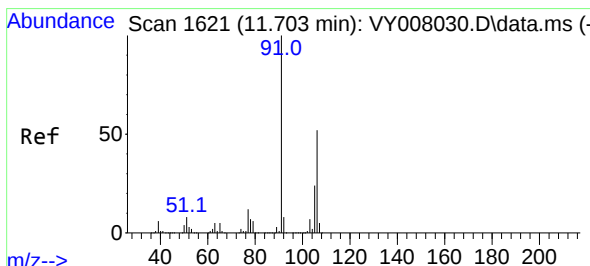
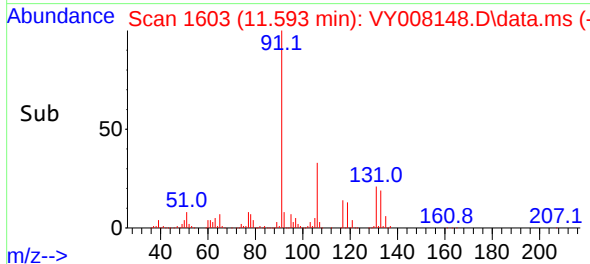
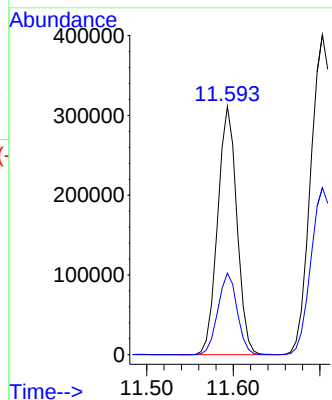
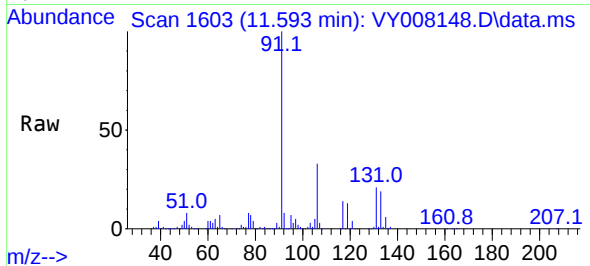




#67  
Ethyl Benzene  
Concen: 47.757 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

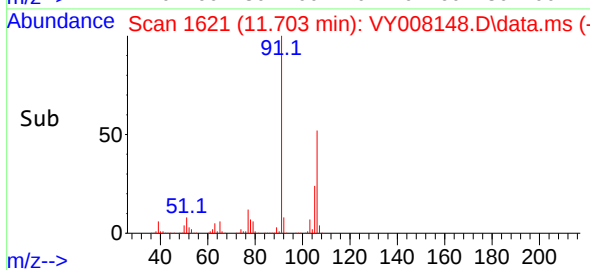
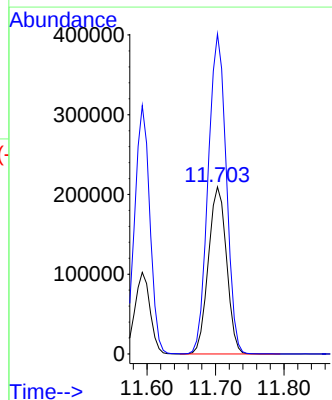
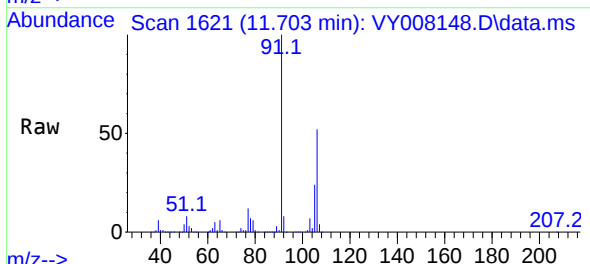
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

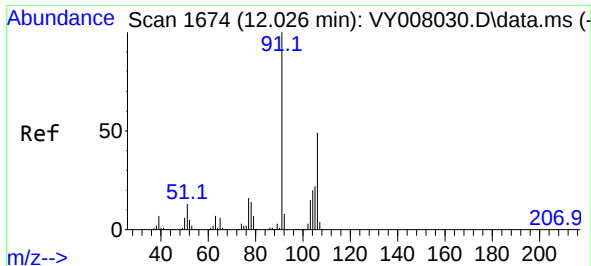
Tgt Ion: 91 Resp: 479091  
Ion Ratio Lower Upper  
91 100  
106 32.8 24.5 36.7



#68  
m/p-Xylenes  
Concen: 96.651 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:106 Resp: 385542  
Ion Ratio Lower Upper  
106 100  
91 190.9 166.6 249.8

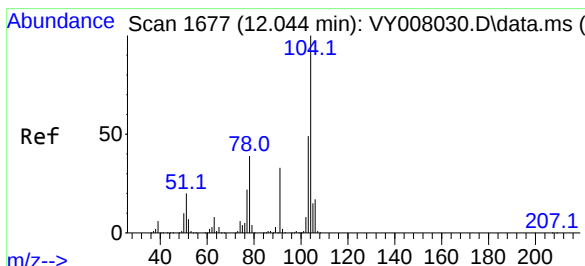
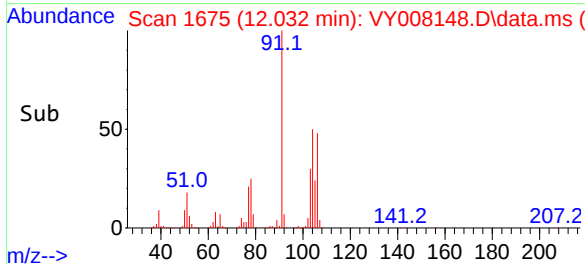
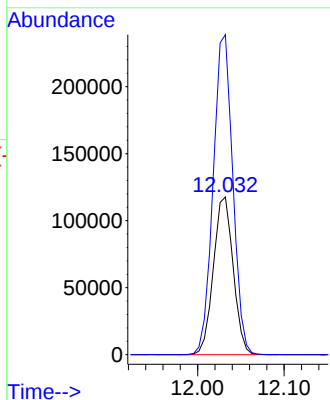
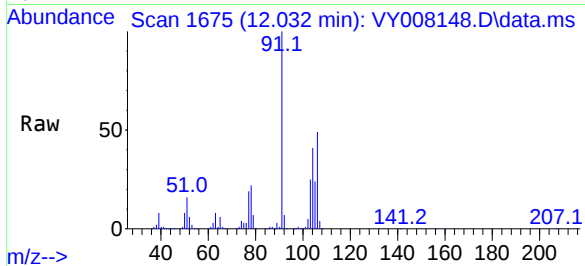




#69  
o-Xylene  
Concen: 48.878 ug/l  
RT: 12.032 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

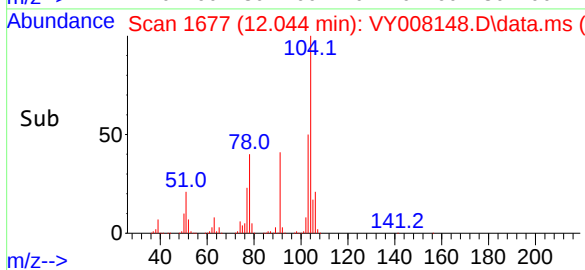
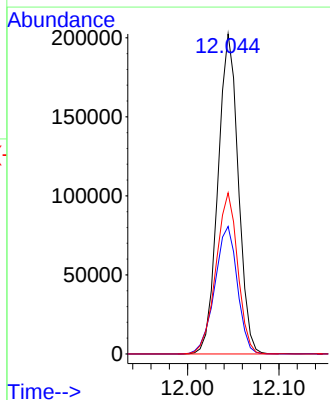
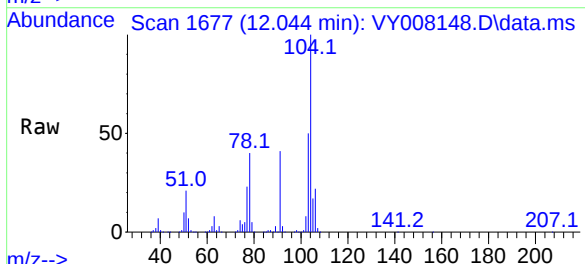
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

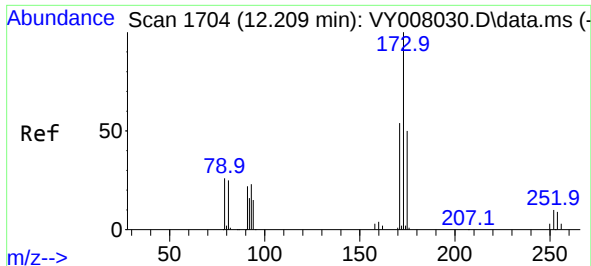
Tgt Ion:106 Resp: 186683  
Ion Ratio Lower Upper  
106 100  
91 201.6 110.3 331.0



#70  
Styrene  
Concen: 50.072 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:104 Resp: 313068  
Ion Ratio Lower Upper  
104 100  
78 44.3 42.4 63.6  
103 53.9 44.4 66.6

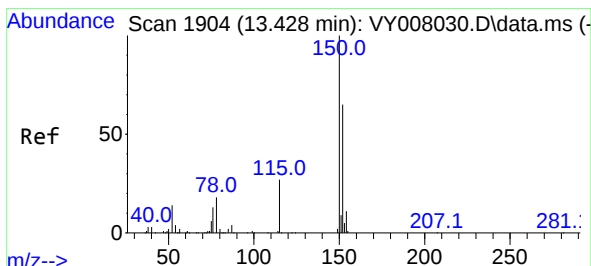
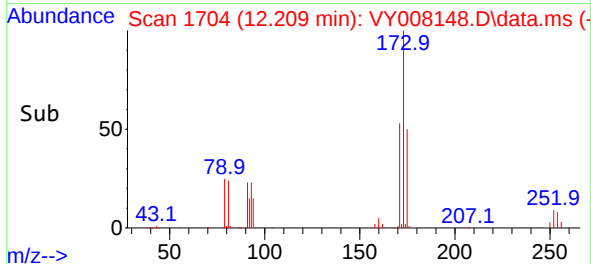
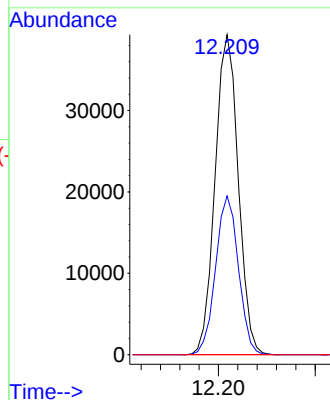
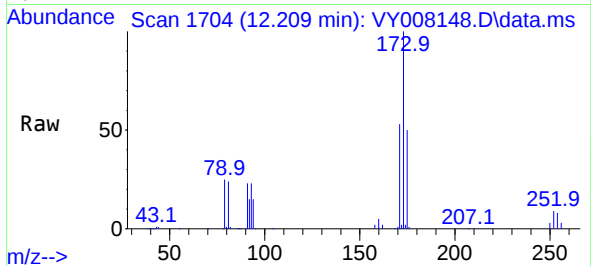




#71  
Bromoform  
Concen: 51.316 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

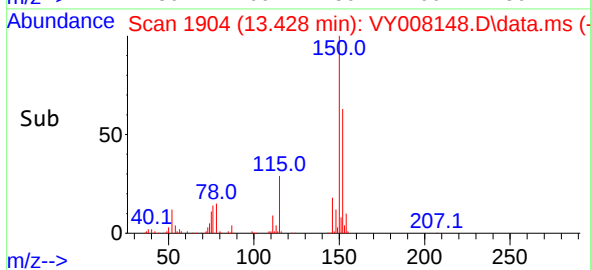
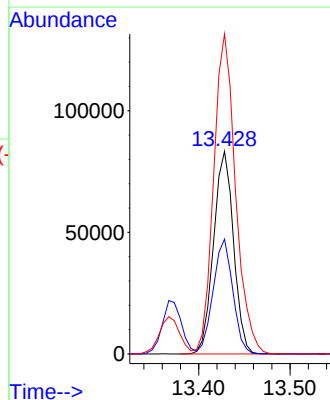
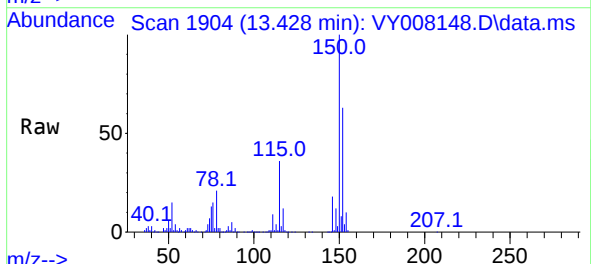
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 65414  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:152 Resp: 126514  
Ion Ratio Lower Upper  
152 100  
115 55.8 28.2 84.7  
150 173.3 0.0 347.6

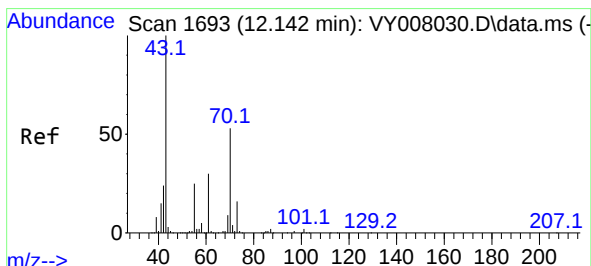
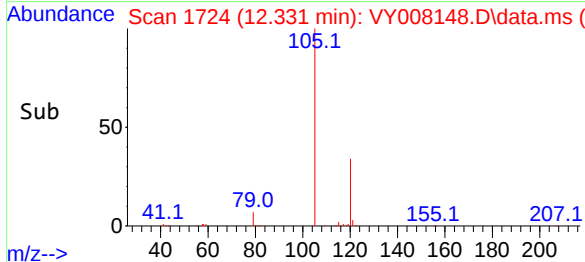
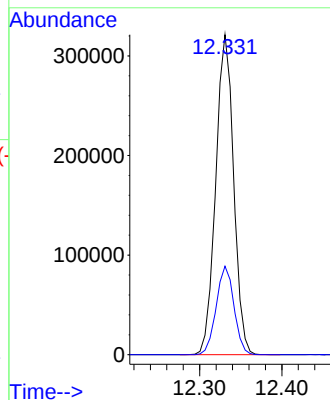
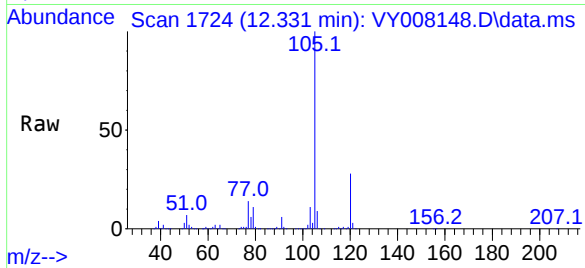




#73  
Isopropylbenzene  
Concen: 46.500 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

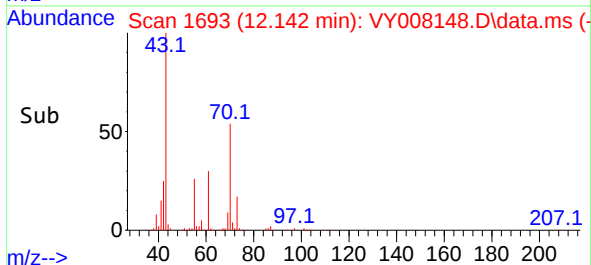
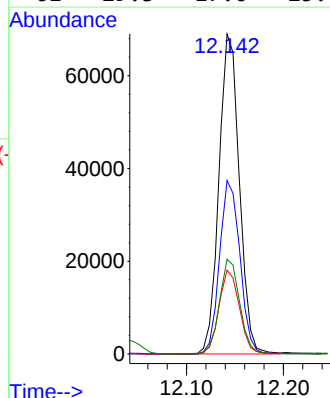
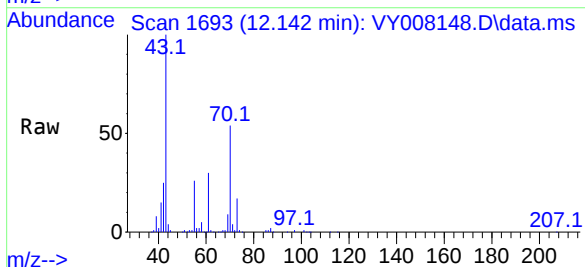
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

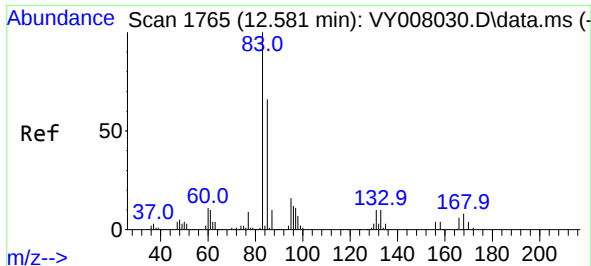
Tgt Ion:105 Resp: 485587  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.4 40.2



#74  
N-ethyl acetate  
Concen: 43.956 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 43 Resp: 100903  
Ion Ratio Lower Upper  
43 100  
70 54.1 28.7 43.1#  
55 26.6 17.3 25.9#  
61 29.3 17.0 25.6#

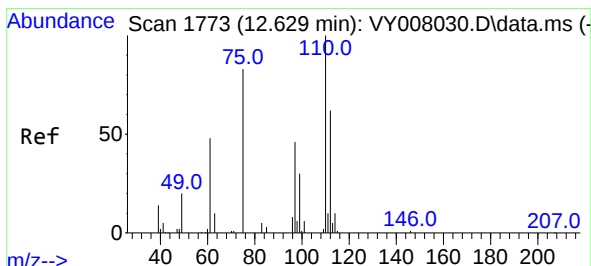
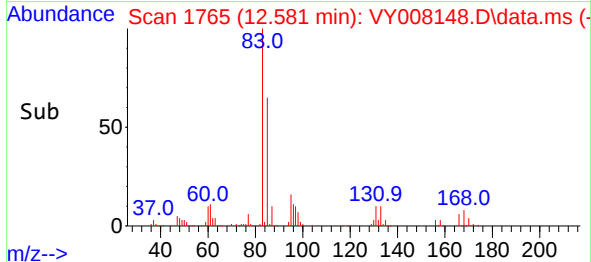
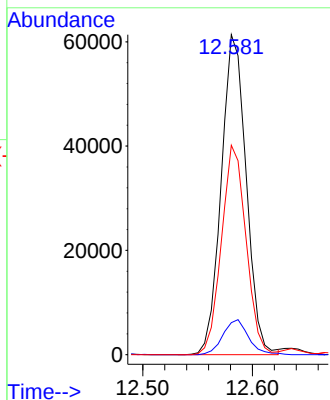
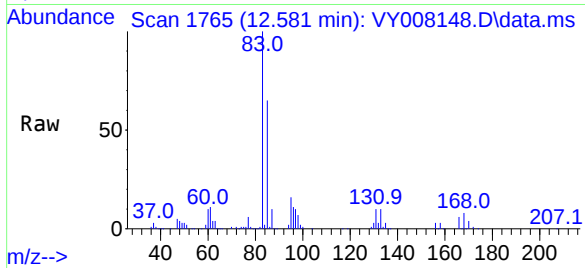




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.874 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

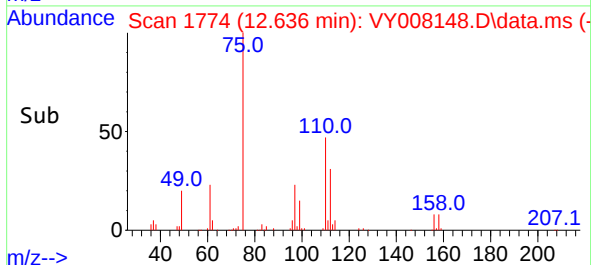
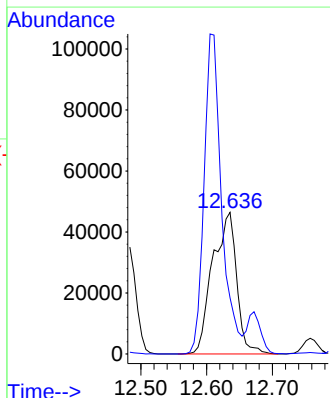
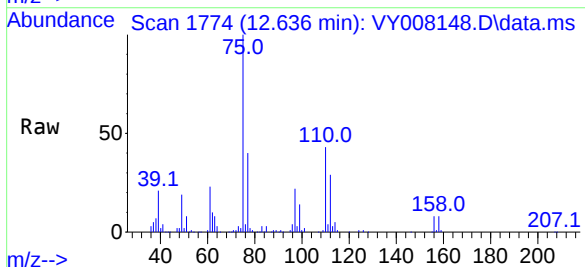
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 97171  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.6 16.8  
85 64.5 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 76.699 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.007 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 75 Resp: 118286  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

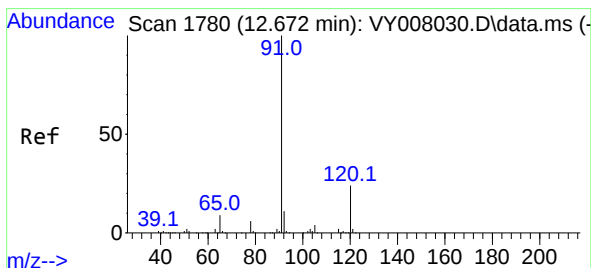
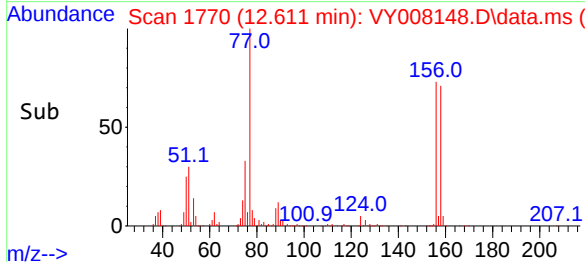
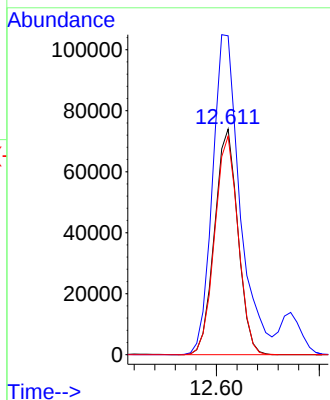
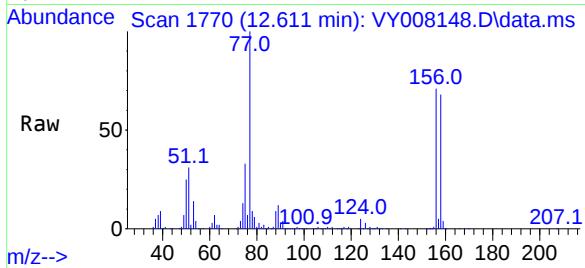




#77  
Bromobenzene  
Concen: 48.611 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

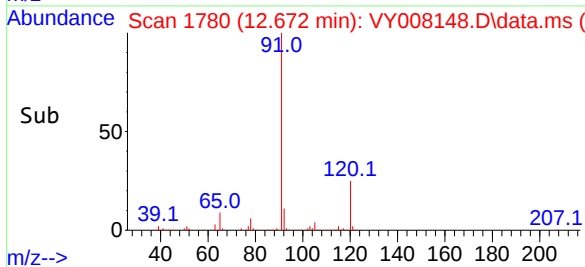
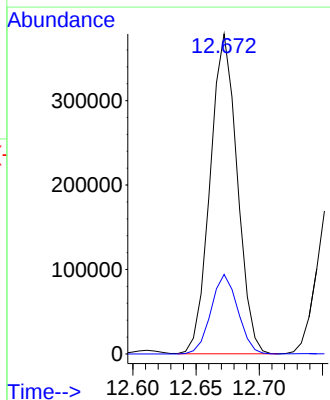
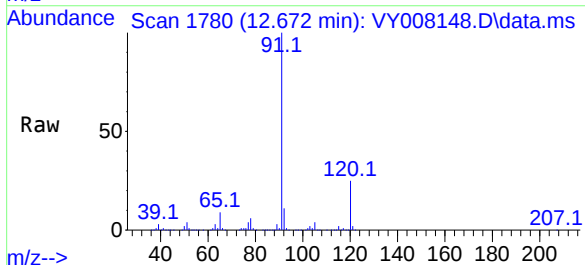
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:156 Resp: 116457  
Ion Ratio Lower Upper  
156 100  
77 166.9 95.5 286.4  
158 97.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 45.767 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 91 Resp: 563729  
Ion Ratio Lower Upper  
91 100  
120 24.5 11.3 33.9

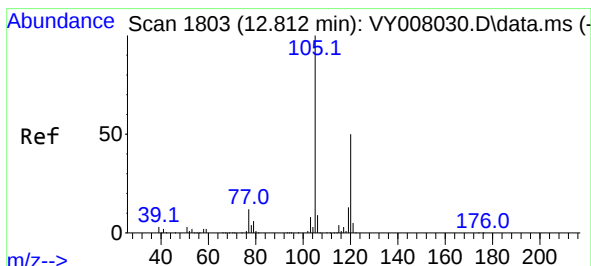
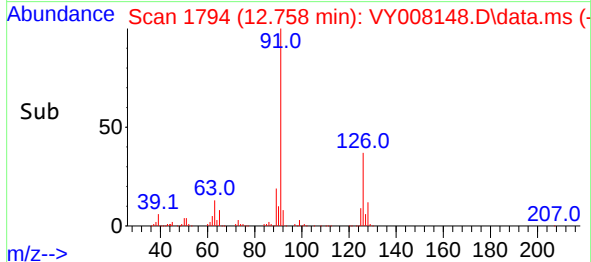
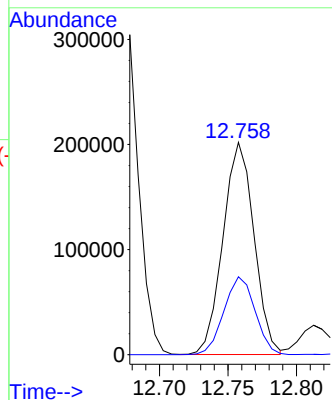
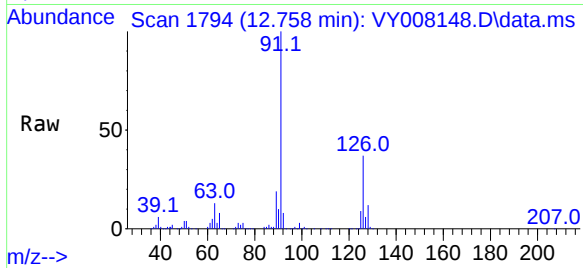




#79  
2-Chlorotoluene  
Concen: 46.577 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

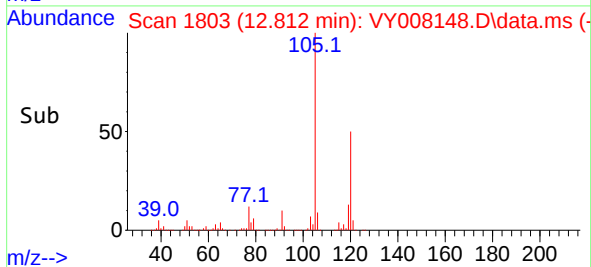
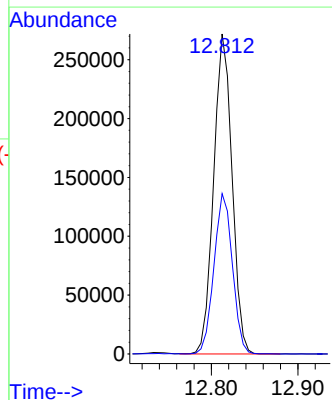
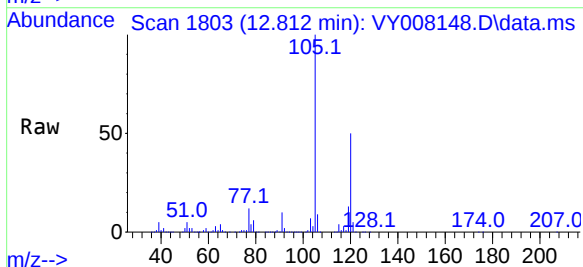
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

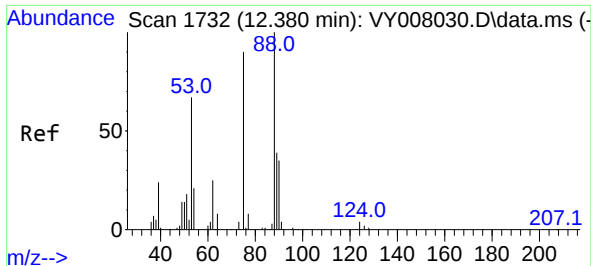
Tgt Ion: 91 Resp: 318260  
Ion Ratio Lower Upper  
91 100  
126 36.9 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 46.818 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:105 Resp: 400520  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.4 73.4

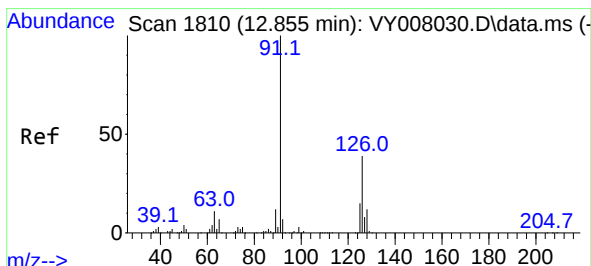
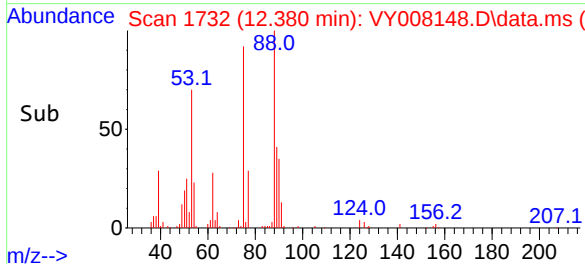
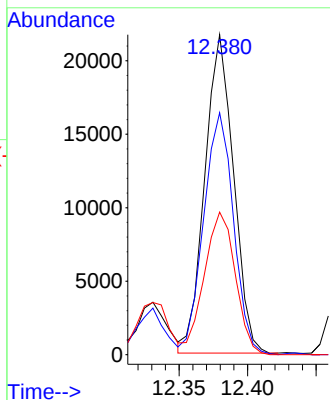
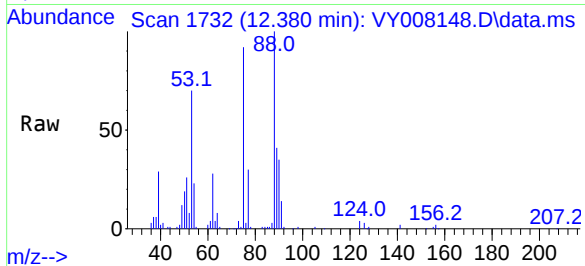




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.695 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

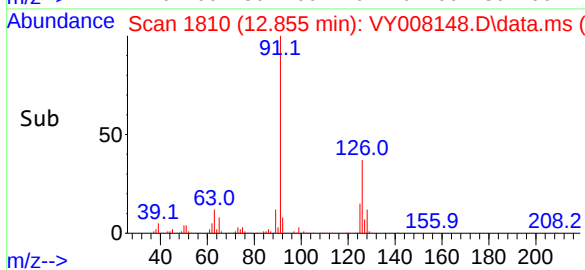
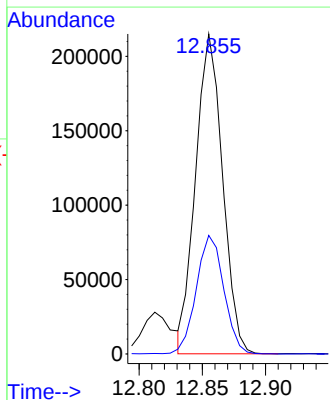
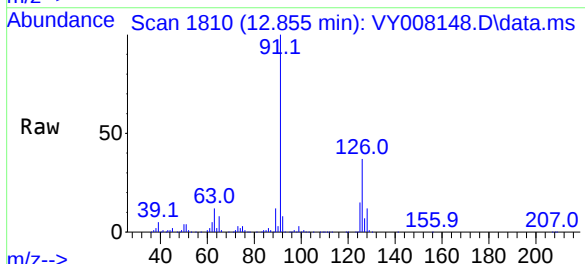
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 31585  
Ion Ratio Lower Upper  
75 100  
53 79.3 85.3 127.9#  
89 48.7 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 45.481 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 91 Resp: 318869  
Ion Ratio Lower Upper  
91 100  
126 38.0 17.0 51.0

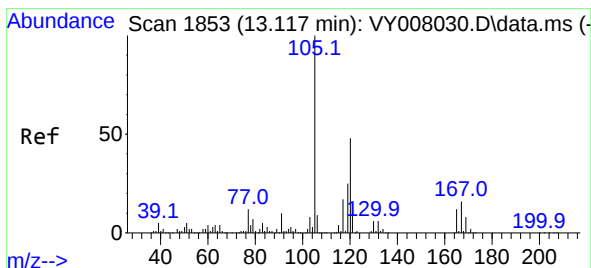
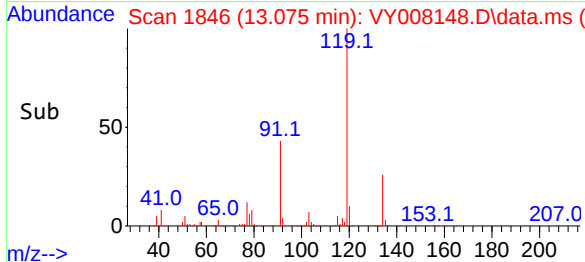
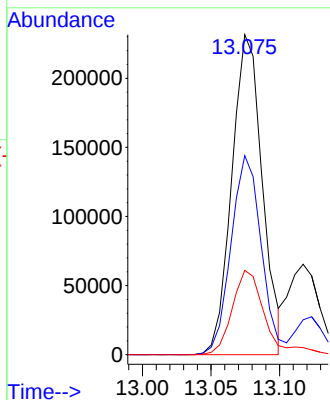
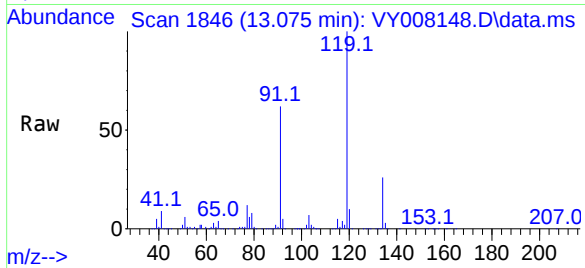




#83  
tert-Butylbenzene  
Concen: 47.061 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

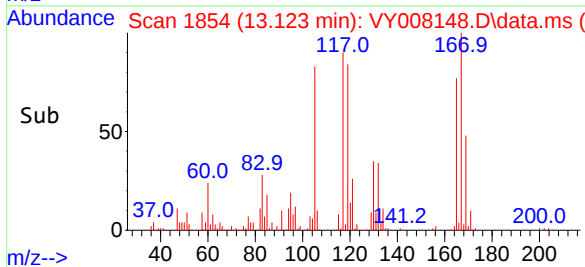
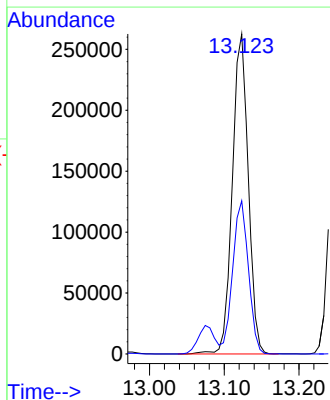
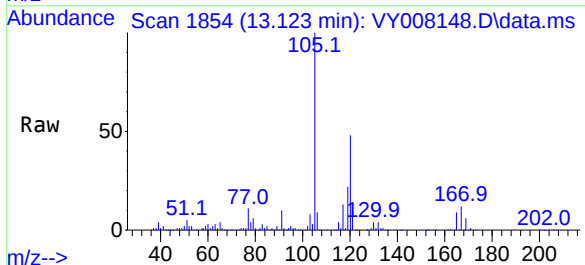
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

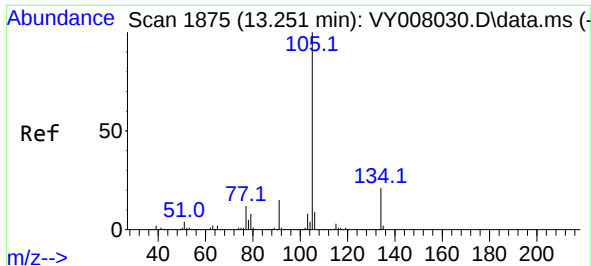
Tgt Ion:119 Resp: 358682  
Ion Ratio Lower Upper  
119 100  
91 61.9 34.8 104.4  
134 28.1 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 46.726 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:105 Resp: 389264  
Ion Ratio Lower Upper  
105 100  
120 47.4 22.3 66.9

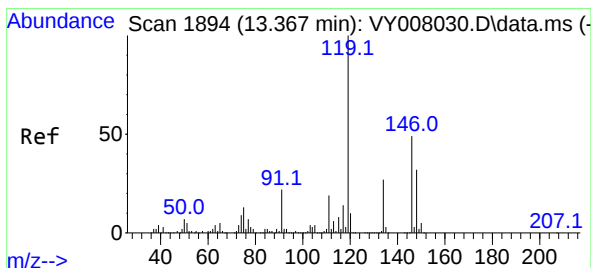
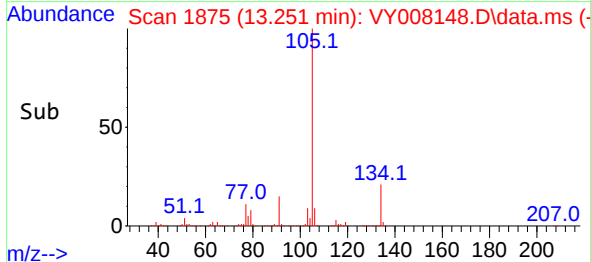
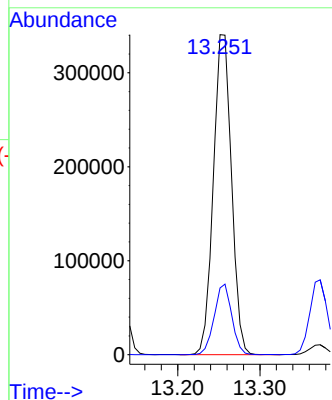
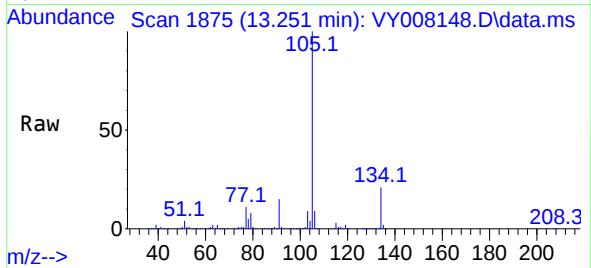




#85  
 sec-Butylbenzene  
 Concen: 46.378 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY008148.D  
 Acq: 31 Mar 2022 19:02

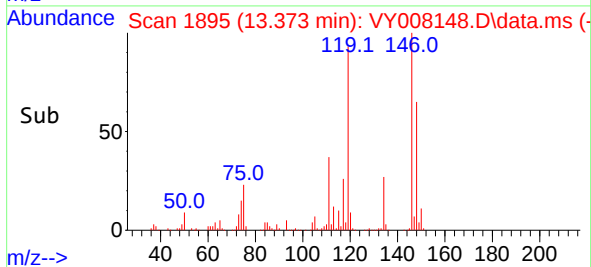
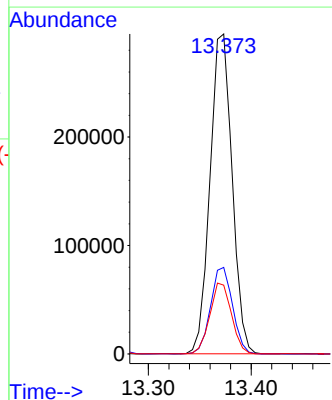
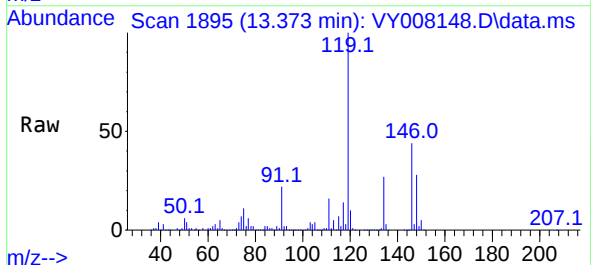
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

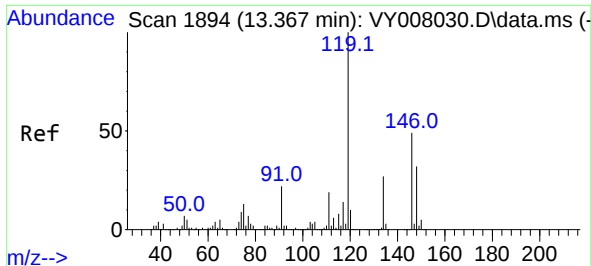
Tgt Ion:105 Resp: 521747  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 47.055 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY008148.D  
 Acq: 31 Mar 2022 19:02

Tgt Ion:119 Resp: 440560  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.2 39.5  
 91 21.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.999 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

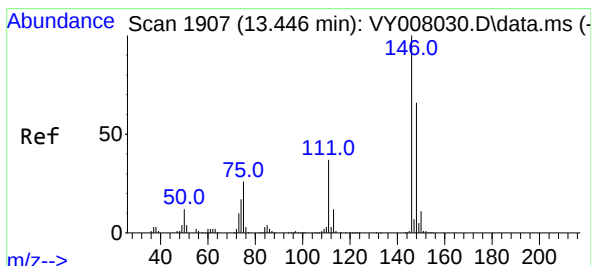
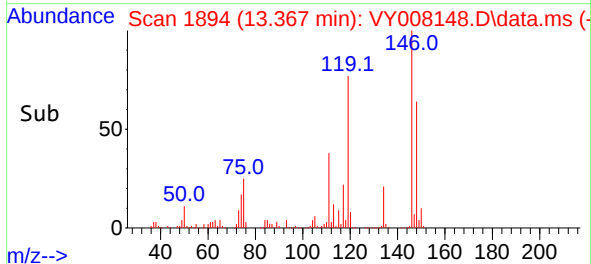
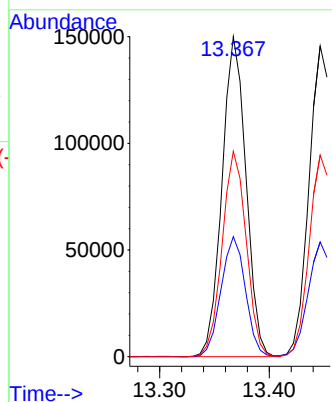
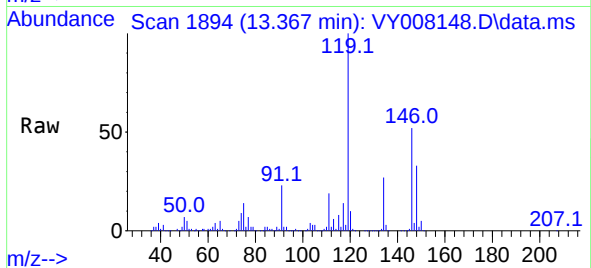
Tgt Ion:146 Resp: 227977

Ion Ratio Lower Upper

146 100

111 38.1 19.5 58.5

148 64.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.753 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

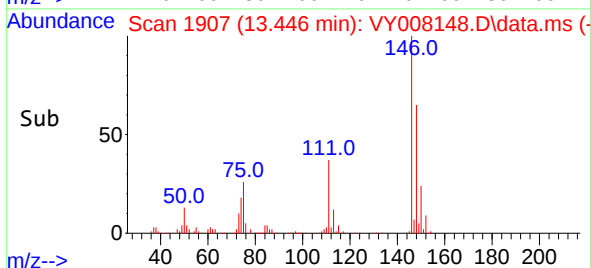
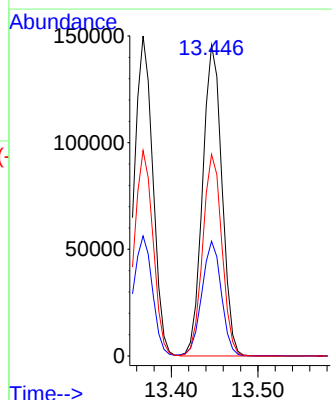
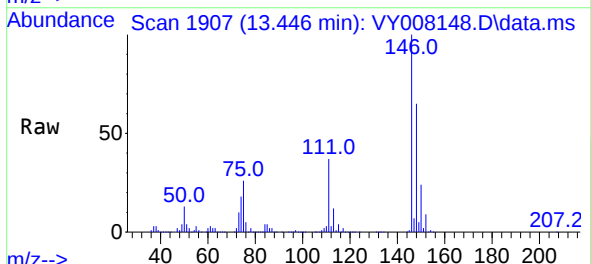
Tgt Ion:146 Resp: 226194

Ion Ratio Lower Upper

146 100

111 37.0 19.3 57.8

148 64.2 32.6 97.8

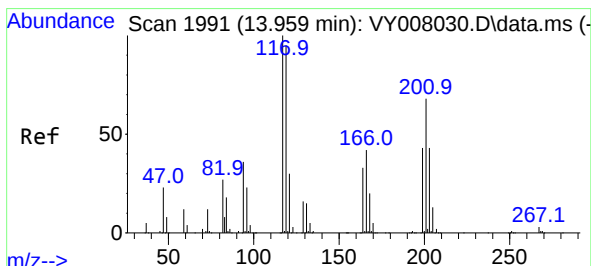
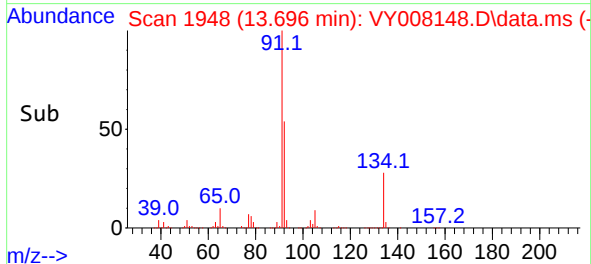
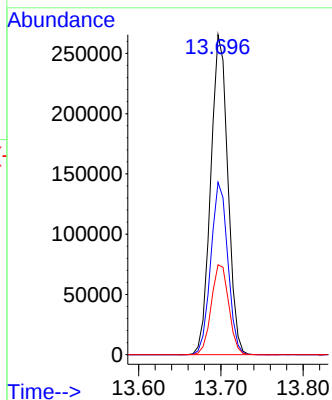
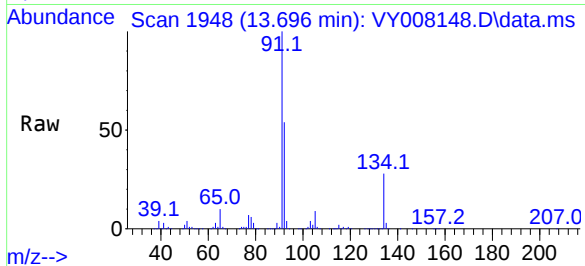




#89  
n-Butylbenzene  
Concen: 44.590 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

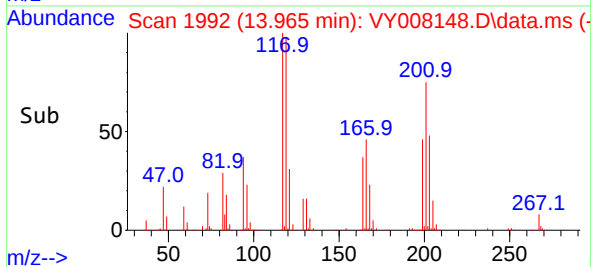
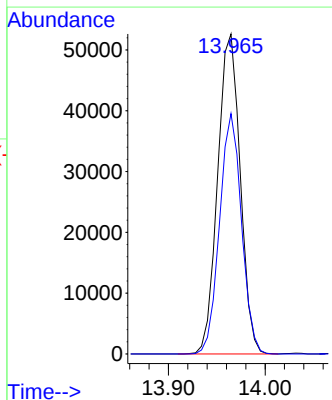
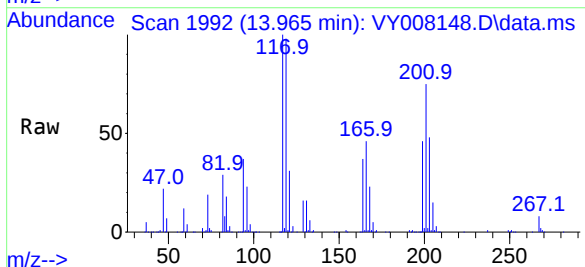
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

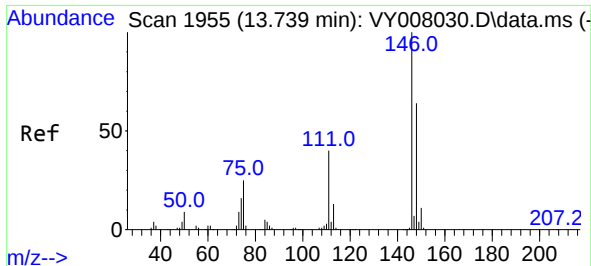
Tgt Ion: 91 Resp: 384103  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.3 78.9  
134 28.7 13.0 38.9



#90  
Hexachloroethane  
Concen: 46.936 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion: 117 Resp: 85146  
Ion Ratio Lower Upper  
117 100  
201 73.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 48.450 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

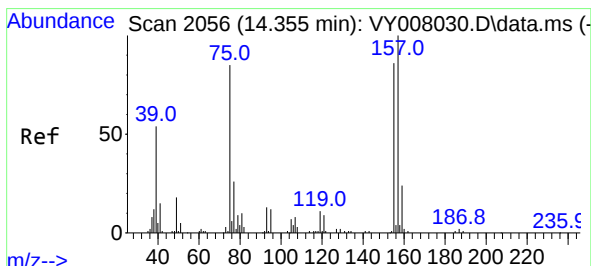
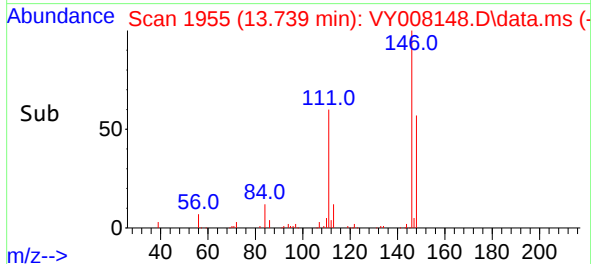
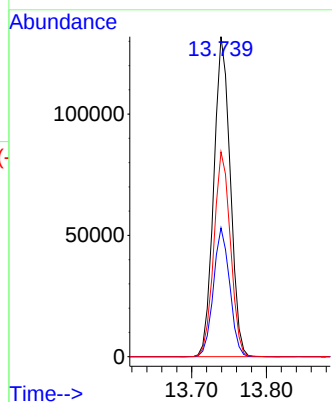
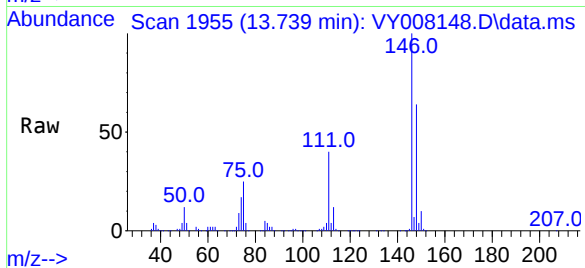
Tgt Ion:146 Resp: 202603

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 64.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.429 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY008148.D

Acq: 31 Mar 2022 19:02

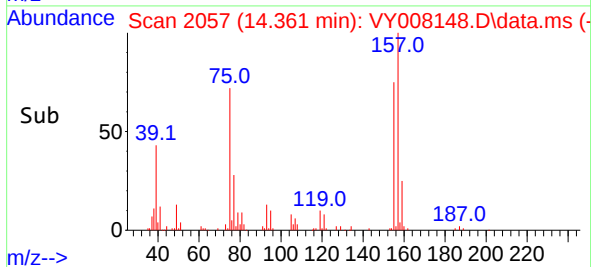
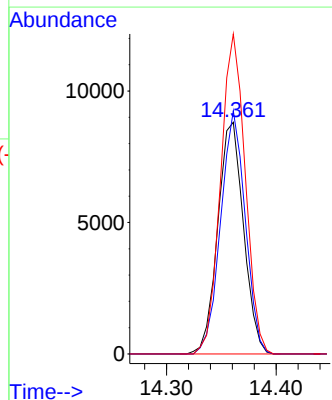
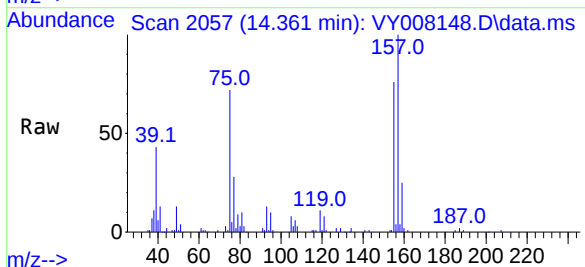
Tgt Ion: 75 Resp: 14393

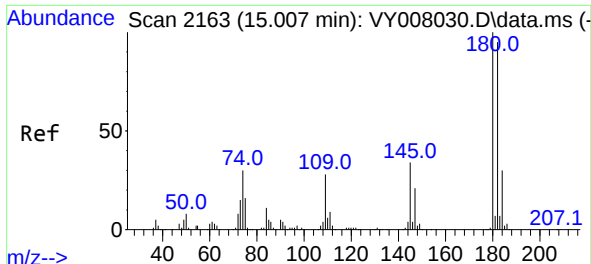
Ion Ratio Lower Upper

75 100

155 99.9 38.0 113.9

157 131.9 47.8 143.3

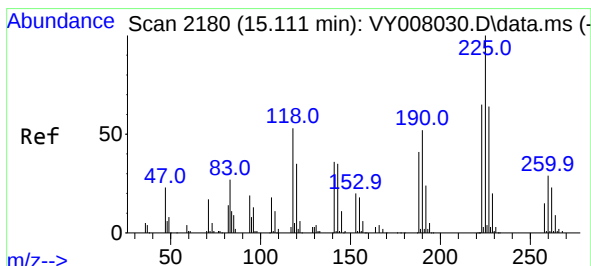
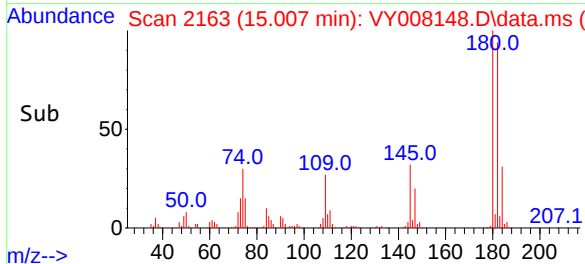
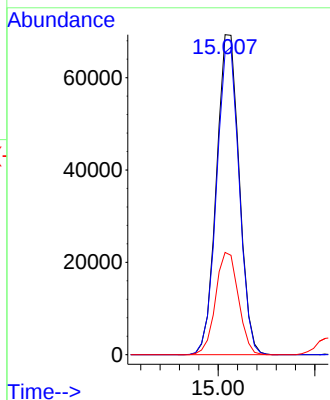
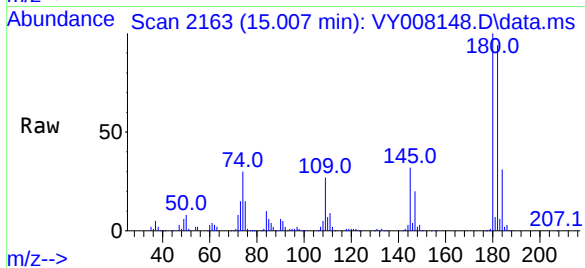




#93  
1,2,4-Trichlorobenzene  
Concen: 45.081 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

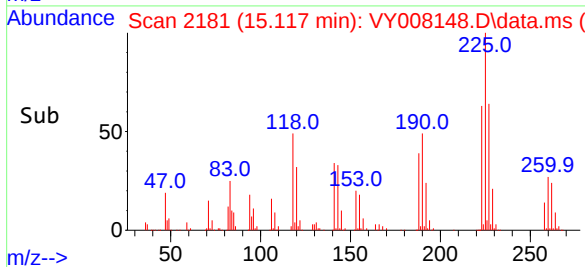
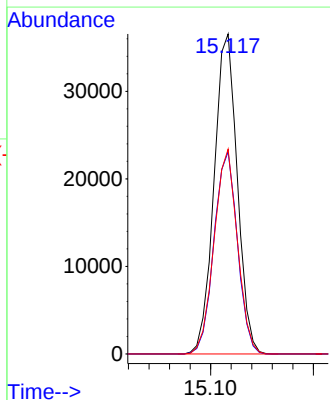
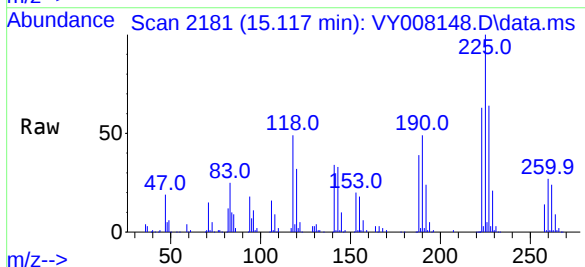
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

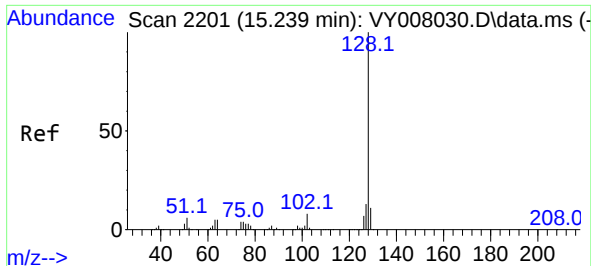
Tgt Ion:180 Resp: 112907  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.3 141.9  
145 32.1 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 43.122 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Tgt Ion:225 Resp: 57135  
Ion Ratio Lower Upper  
225 100  
223 63.8 30.8 92.3  
227 64.3 31.6 94.7

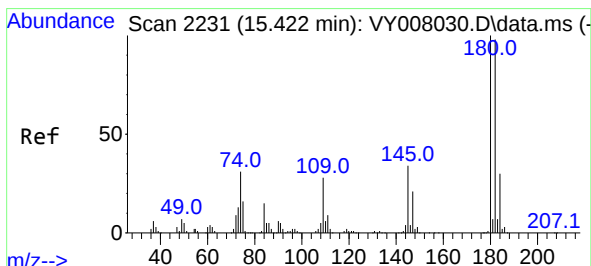
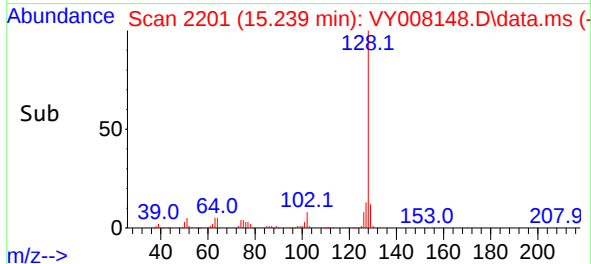
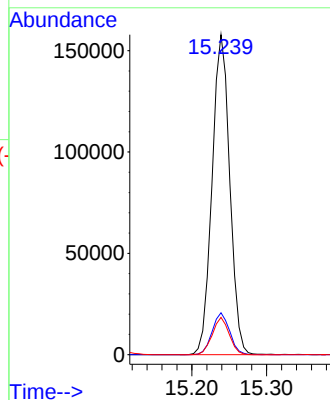
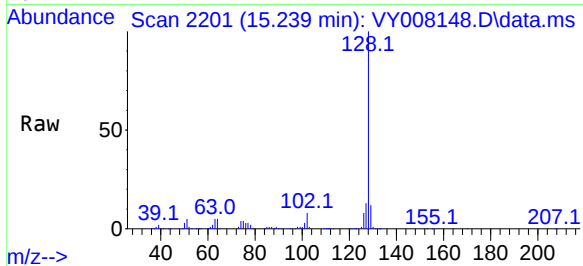




#95  
Naphthalene  
Concen: 46.973 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 260047 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.9  | 11.0  | 16.4   |
| 129      | 11.2  | 8.4   | 12.6   |



#96  
1,2,3-Trichlorobenzene  
Concen: 45.281 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY008148.D  
Acq: 31 Mar 2022 19:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 98128 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.3  | 47.3  | 141.9 |
| 145      | 33.0  | 15.3  | 45.9  |

