

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122122\  
 Data File : VY011961.D  
 Acq On : 21 Dec 2022 20:51  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Dec 22 00:15:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122022S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 20 12:37:37 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 201602   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 313653   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 294443   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 149790   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 109786   | 54.053   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 108.100% |      |
| 35) Dibromofluoromethane    | 7.715  | 113   | 99759    | 52.831   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 105.660% |      |
| 50) Toluene-d8              | 10.178 | 98    | 403330   | 52.646   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 105.300% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 137547   | 53.383   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 106.760% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 68490  | 42.960  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 77548  | 43.220  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.253 | 62  | 82943  | 41.917  | ug/l   | 100 |
| 5) Bromomethane              | 2.649 | 94  | 61839  | 43.927  | ug/l   | 93  |
| 6) Chloroethane              | 2.796 | 64  | 55704  | 43.068  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 149624 | 43.196  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.533 | 74  | 51052  | 47.767  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 81921  | 42.962  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.094 | 142 | 118188 | 44.798  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 48151  | 240.579 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 82902  | 43.464  | ug/l   | 98  |
| 13) Acrolein                 | 3.734 | 56  | 44809  | 236.004 | ug/l   | 100 |
| 14) Allyl chloride           | 4.484 | 41  | 125380 | 44.637  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.161 | 53  | 126832 | 255.109 | ug/l   | 100 |
| 16) Acetone                  | 3.948 | 43  | 112716 | 187.129 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.198 | 76  | 260976 | 42.893  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.478 | 43  | 68437  | 48.763  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 245781 | 50.221  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.716 | 84  | 112857 | 48.058  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 98549  | 45.472  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.118 | 45  | 269840 | 48.777  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.057 | 43  | 807610 | 253.741 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 164128 | 45.643  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 158853 | 234.790 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 146760 | 41.708  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 109723 | 46.809  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.338 | 49  | 51942  | 52.638  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 100969 | 263.399 | ug/l   | 95  |
| 30) Chloroform               | 7.508 | 83  | 181254 | 46.765  | ug/l   | 98  |
| 31) Cyclohexane              | 7.789 | 56  | 140355 | 41.049  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 164186 | 44.537  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 131110 | 43.287  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.069 | 43  | 67444  | 49.631  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.898 | 117 | 151970 | 43.444  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.185 | 83  | 157529 | 43.223  | ug/l   | 98  |
| 40) Benzene                  | 8.161 | 78  | 392065 | 45.232  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122122\  
 Data File : VY011961.D  
 Acq On : 21 Dec 2022 20:51  
 Operator : KP/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Dec 22 00:15:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122022S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 20 12:37:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 96273    | 146.507  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 118297   | 47.408   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 124329   | 50.096   | ug/l   | 98       |
| 44) Trichloroethene           | 8.941  | 130  | 108881   | 44.565   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 92162    | 46.018   | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 55433    | 48.052   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.496  | 83   | 137634   | 47.027   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.294  | 41   | 58186    | 50.635   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.294  | 88   | 15372    | 1116.065 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 348148   | 263.077  | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 255262   | 46.222   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 141175   | 47.738   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.928  | 75   | 157523   | 47.387   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 78313    | 47.838   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 107139   | 51.691   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 133172   | 48.747   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 218097   | 272.690  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 246631   | 253.326  | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.983 | 129  | 101085   | 49.016   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 75173    | 49.082   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 114675   | 44.495   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 272804   | 44.622   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 103544   | 45.521   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 486668   | 44.038   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 385302   | 89.650   | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 182486   | 45.634   | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 310630   | 46.263   | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 65398    | 48.520   | ug/l   | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 480808   | 43.256   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 110661   | 48.561   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.580 | 83   | 87285    | 47.071   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 121457   | 65.163   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 114934   | 44.695   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 573390   | 42.916   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 328859   | 43.788   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 419512   | 44.082   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 31545    | 46.347   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 341111   | 43.897   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.074 | 119  | 353614   | 43.844   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 414155   | 44.237   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 519633   | 43.147   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 447080   | 43.995   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 227032   | 43.900   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 224103   | 43.589   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 396674   | 43.120   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 84348    | 43.501   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 202457   | 44.904   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 15523    | 48.711   | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 123502   | 46.566   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.110 | 225  | 75415    | 44.006   | ug/l   | 98       |
| 95) Naphthalene               | 15.232 | 128  | 251041   | 45.756   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.421 | 180  | 108355   | 48.322   | ug/l   | 99       |

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Acq On : 21 Dec 2022 20:51  
Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Dec 22 00:15:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122022S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 20 12:37:37 2022  
Response via : Initial Calibration

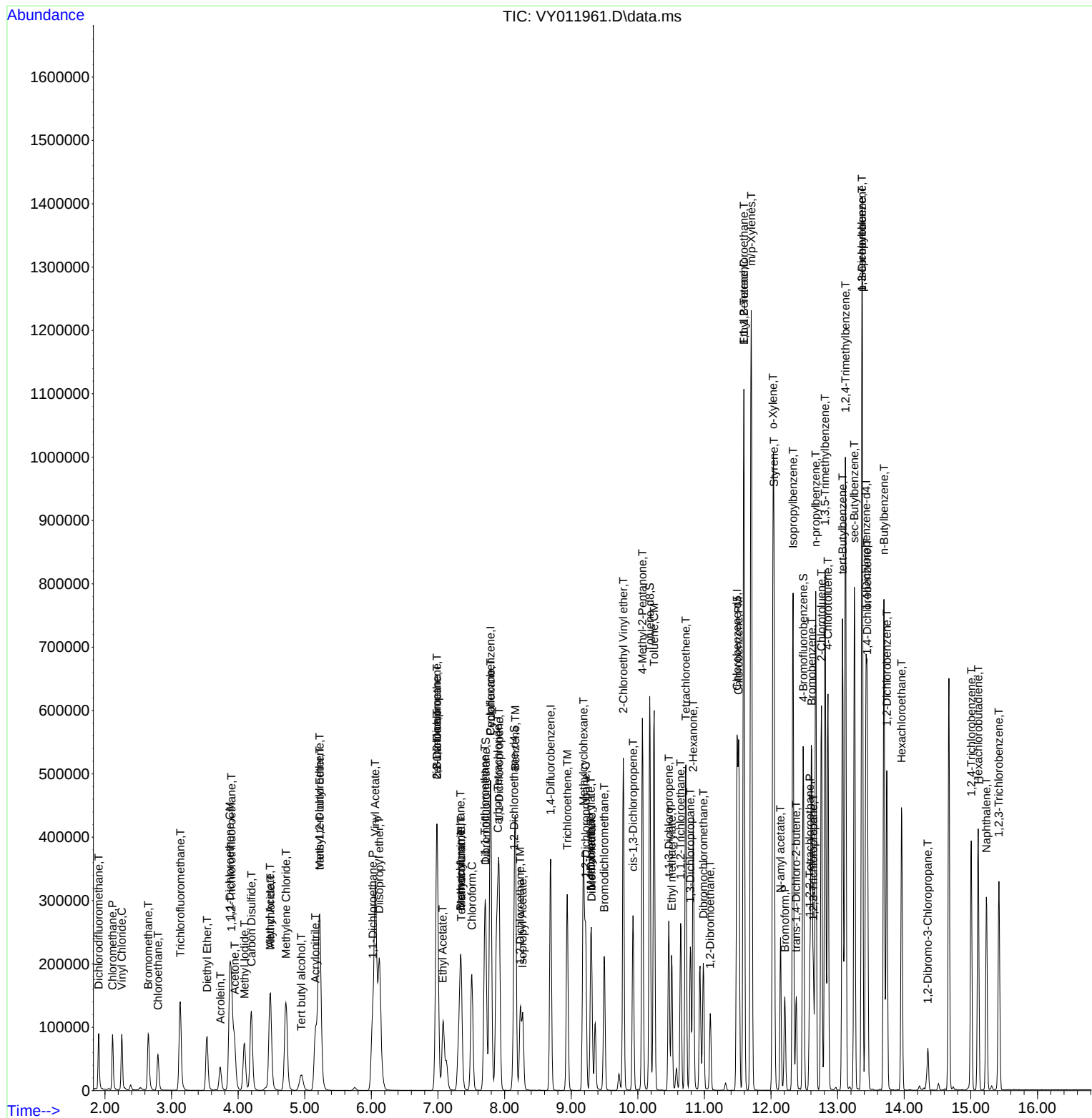
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

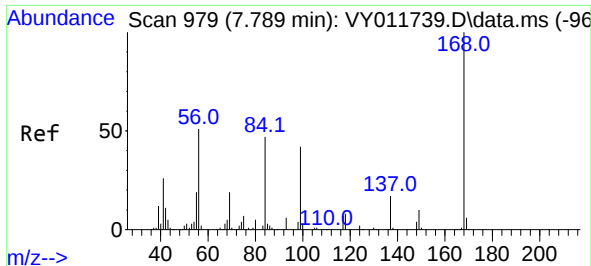
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122122\  
 Data File : VY011961.D  
 Acq On : 21 Dec 2022 20:51  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
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 VSTDCCC050EC

Quant Time: Dec 22 00:15:45 2022  
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 Quant Title : SW846 8260  
 QLast Update : Tue Dec 20 12:37:37 2022  
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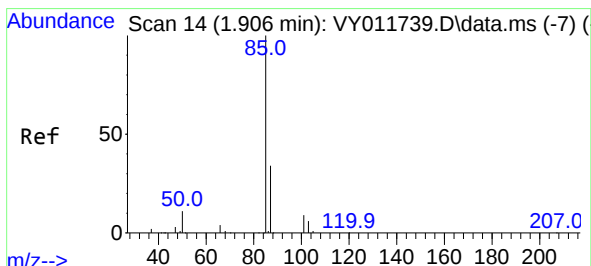
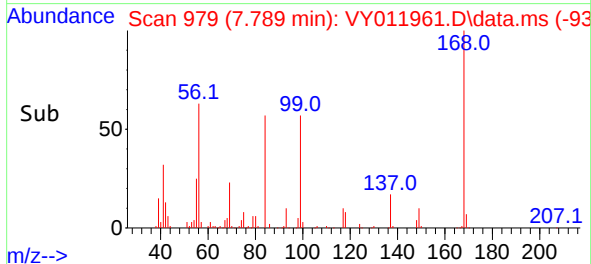
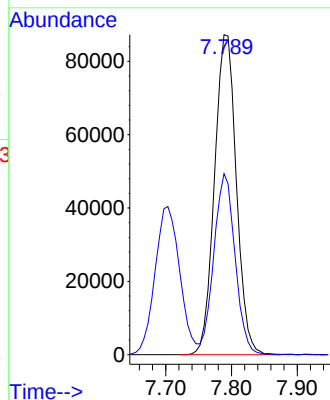
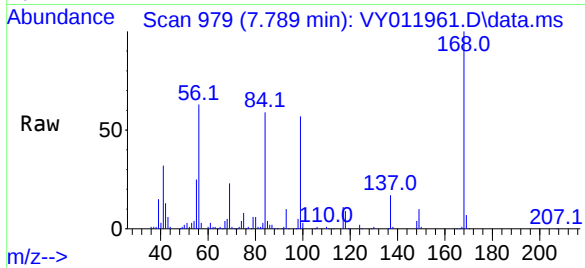




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

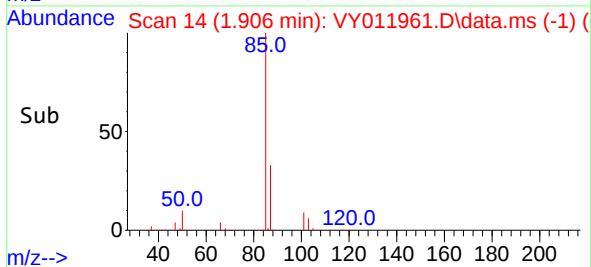
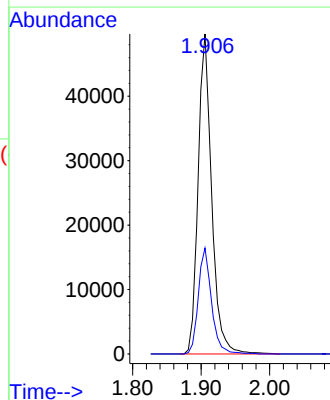
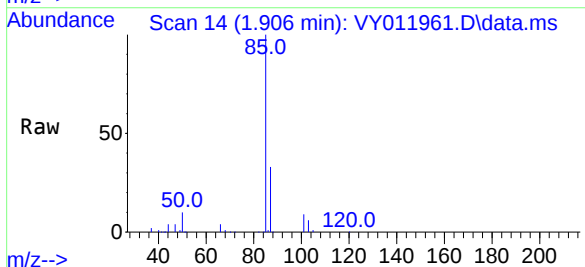
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 201602  
Ion Ratio Lower Upper  
168 100  
99 56.6 44.0 66.0

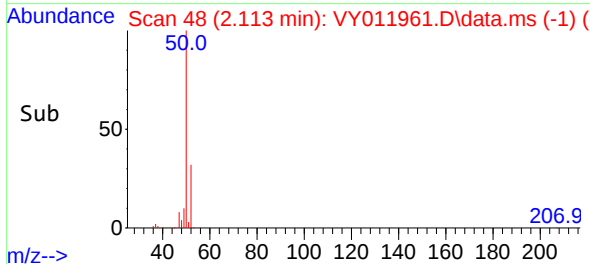
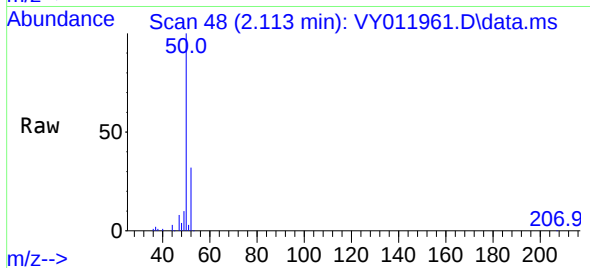
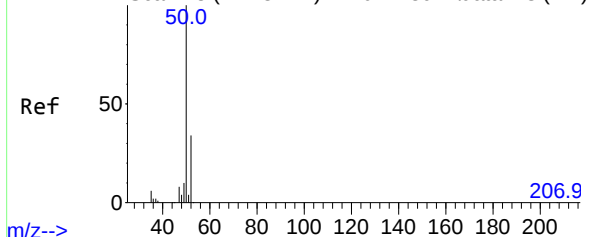


#2  
Dichlorodifluoromethane  
Concen: 42.960 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 85 Resp: 68490  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.8 50.4



Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



#3

Chloromethane

Concen: 43.220 ug/l

RT: 2.113 min Scan# 48

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

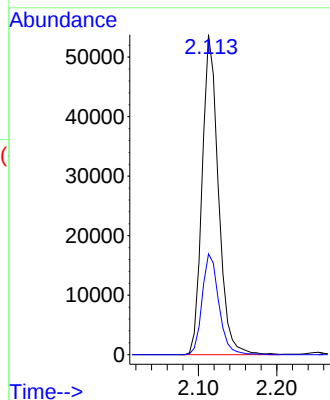
VSTDCCC050EC

Tgt Ion: 50 Resp: 77548

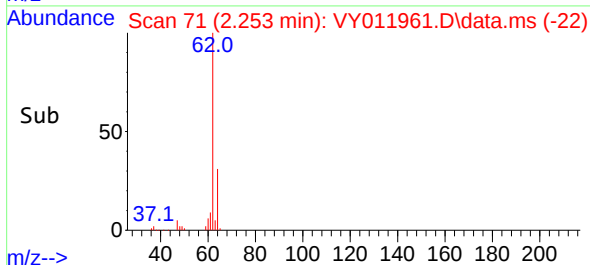
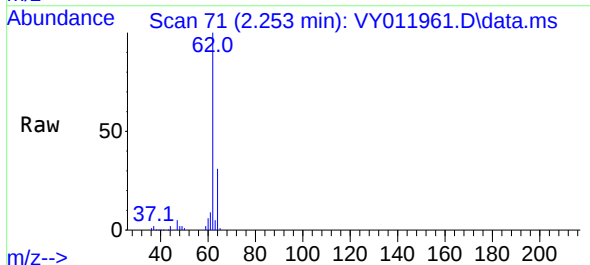
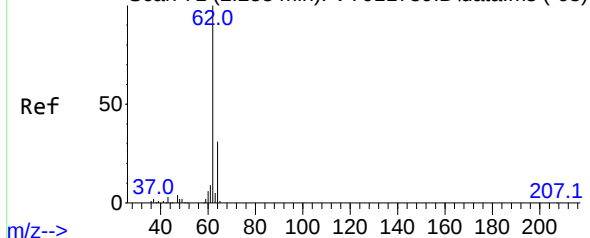
Ion Ratio Lower Upper

50 100

52 31.5 26.8 40.2



Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 41.917 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011961.D

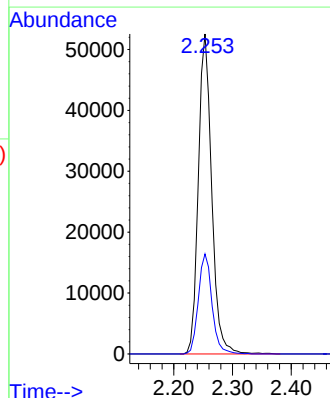
Acq: 21 Dec 2022 20:51

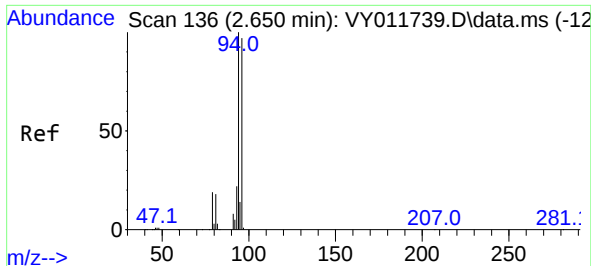
Tgt Ion: 62 Resp: 82943

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6

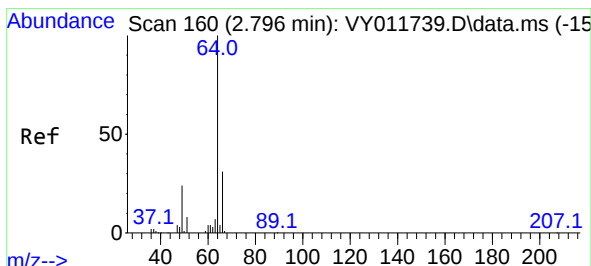
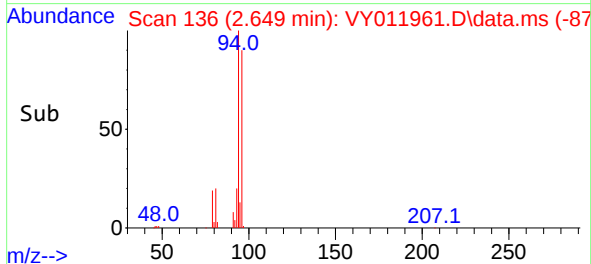
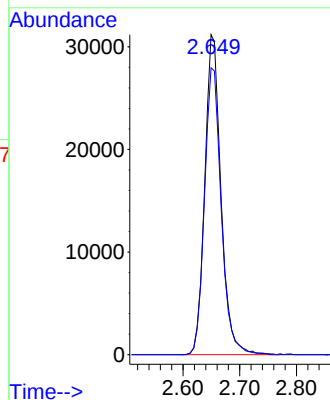
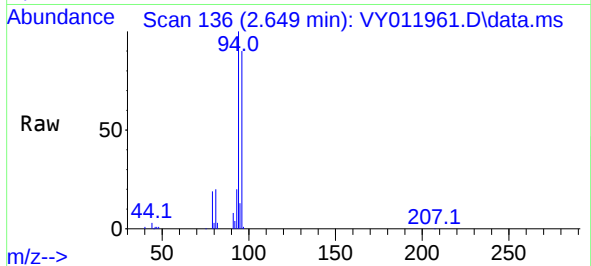




#5  
Bromomethane  
Concen: 43.927 ug/l  
RT: 2.649 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

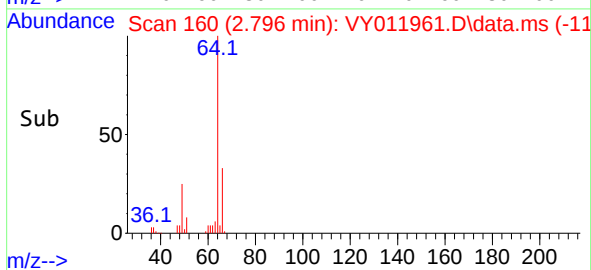
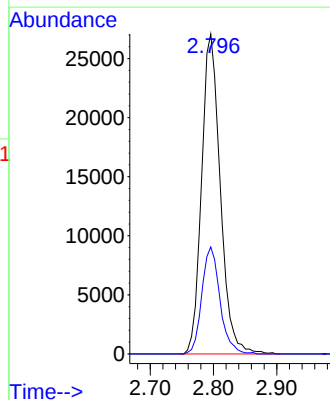
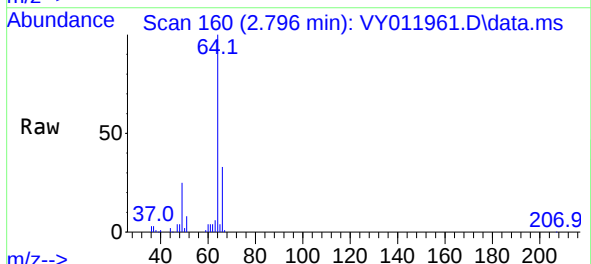
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

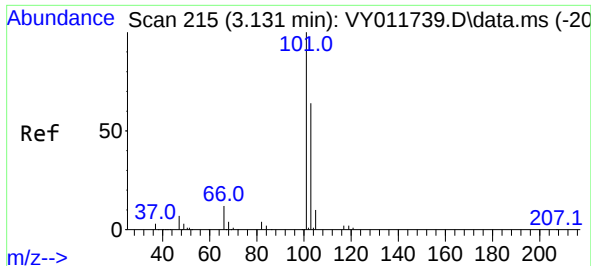
Tgt Ion: 94 Resp: 61839  
Ion Ratio Lower Upper  
94 100  
96 89.6 77.4 116.2



#6  
Chloroethane  
Concen: 43.068 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 64 Resp: 55704  
Ion Ratio Lower Upper  
64 100  
66 33.5 25.0 37.4

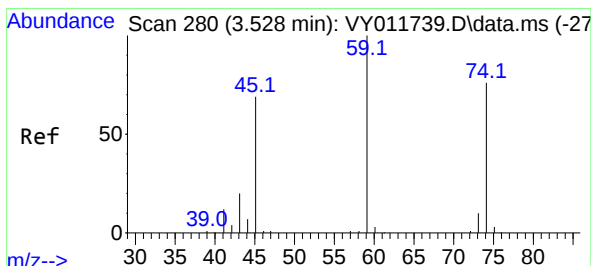
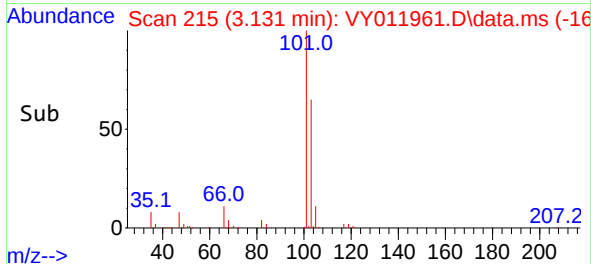
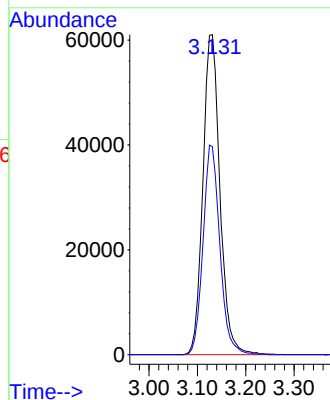
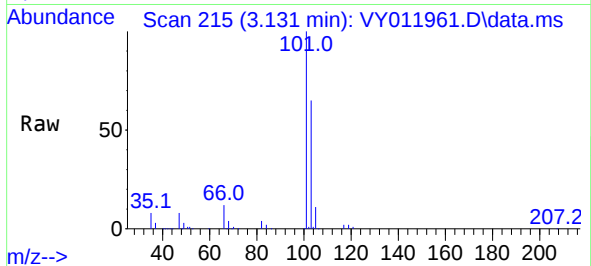




#7  
Trichlorofluoromethane  
Concen: 43.196 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

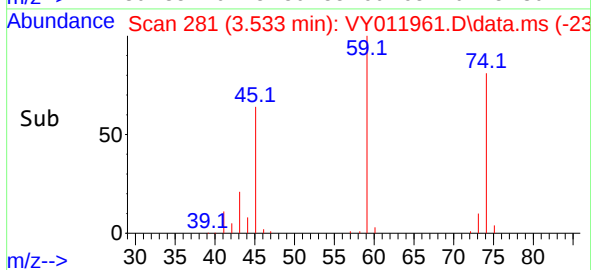
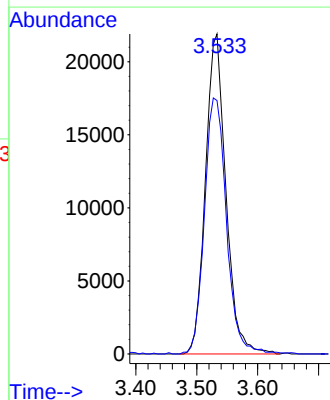
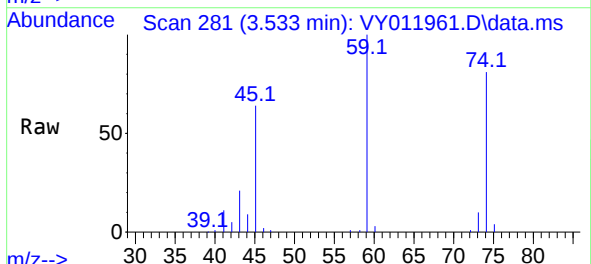
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

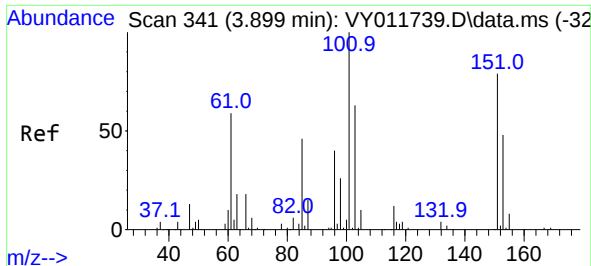
Tgt Ion:101 Resp: 149624  
Ion Ratio Lower Upper  
101 100  
103 65.0 51.0 76.6



#8  
Diethyl Ether  
Concen: 47.767 ug/l  
RT: 3.533 min Scan# 281  
Delta R.T. 0.005 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 74 Resp: 51052  
Ion Ratio Lower Upper  
74 100  
45 86.4 46.8 140.3

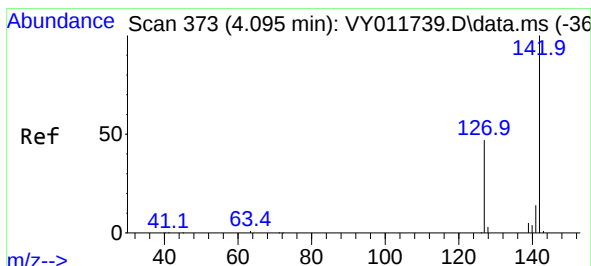
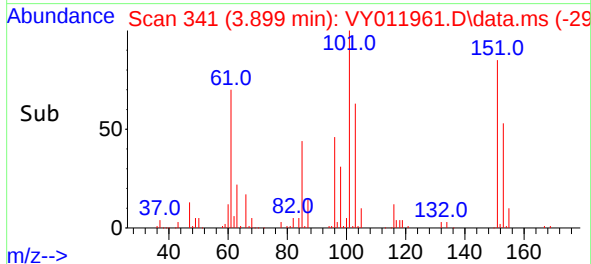
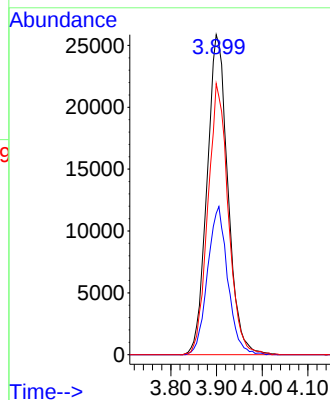
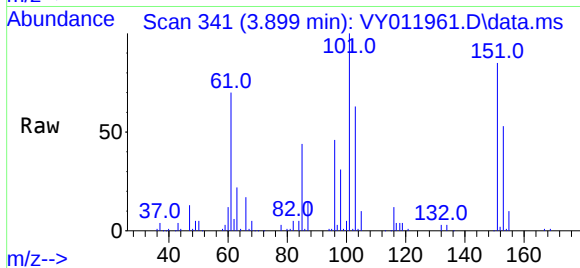




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.962 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

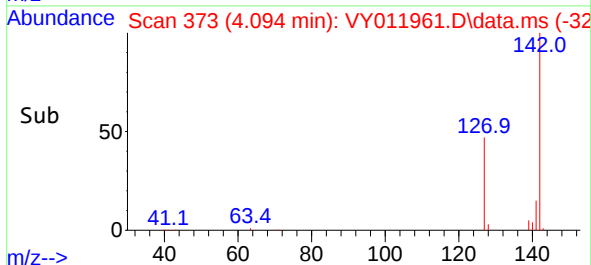
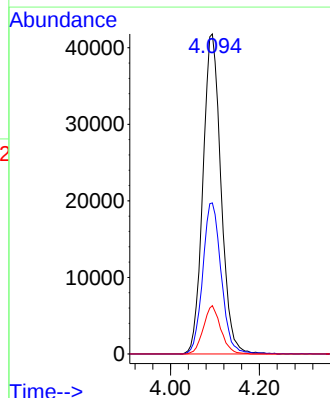
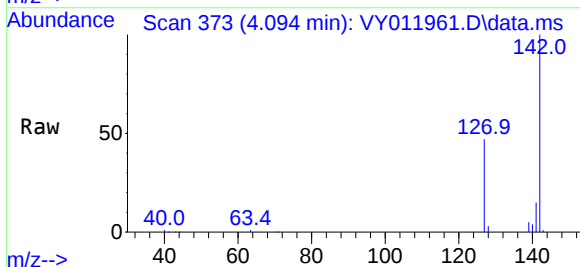
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

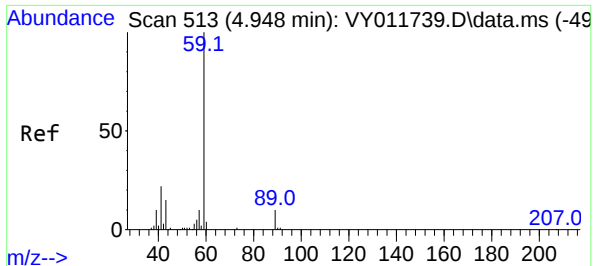
Tgt Ion:101 Resp: 81921  
Ion Ratio Lower Upper  
101 100  
85 45.0 36.2 54.2  
151 83.2 64.2 96.2



#10  
Methyl Iodide  
Concen: 44.798 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. -0.001 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:142 Resp: 118188  
Ion Ratio Lower Upper  
142 100  
127 48.3 37.0 55.4  
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 240.579 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

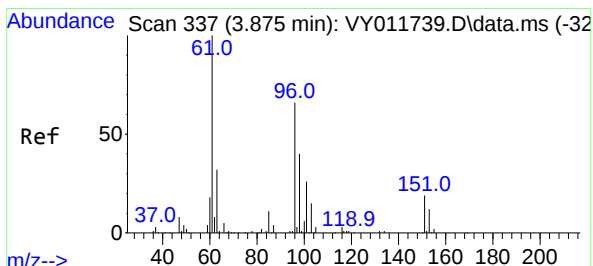
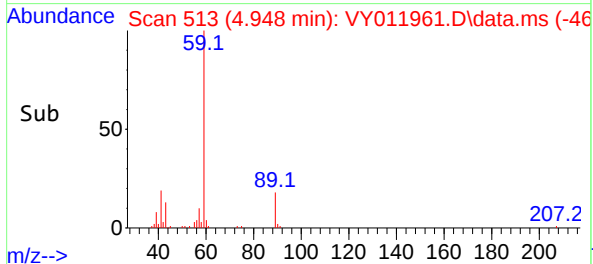
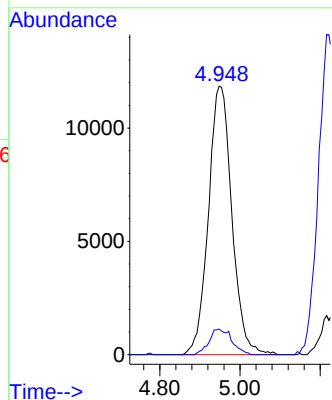
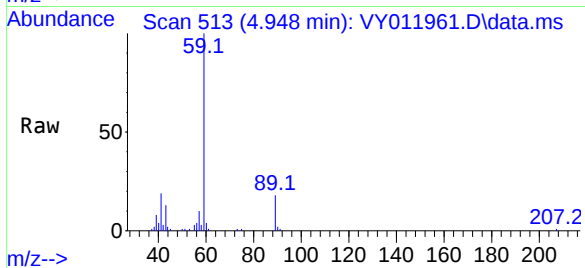
VSTDCCC050EC

Tgt Ion: 59 Resp: 48151

Ion Ratio Lower Upper

59 100

57 9.2 7.4 11.2



#12

1,1-Dichloroethene

Concen: 43.464 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

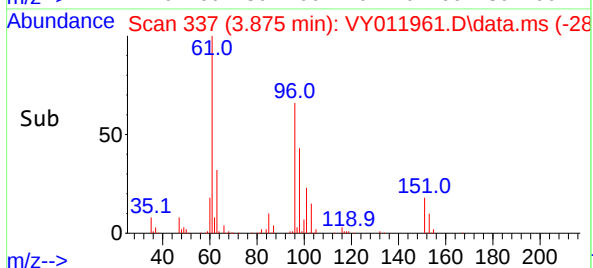
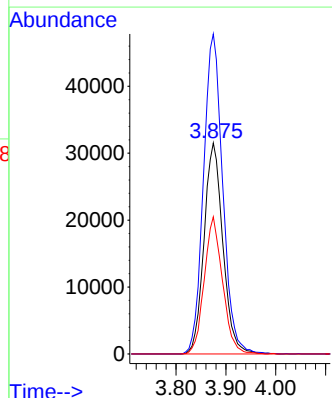
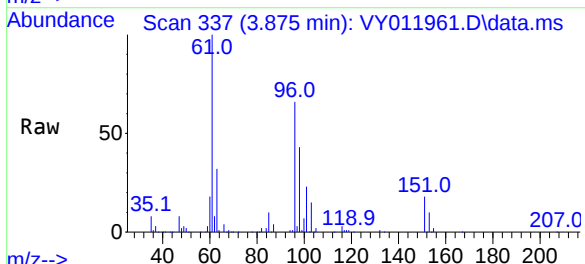
Tgt Ion: 96 Resp: 82902

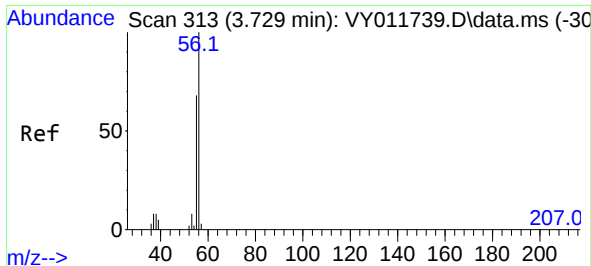
Ion Ratio Lower Upper

96 100

61 151.6 122.0 183.0

98 65.0 48.6 73.0

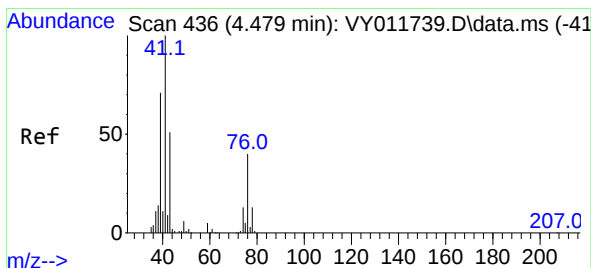
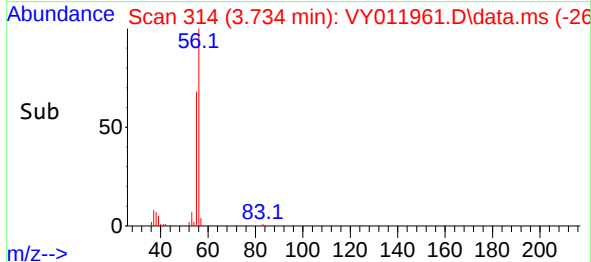
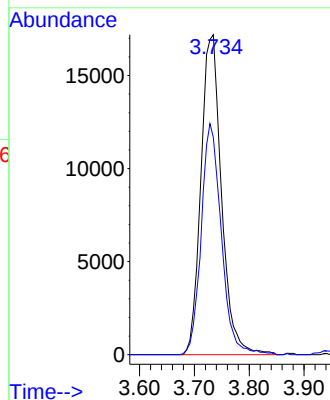
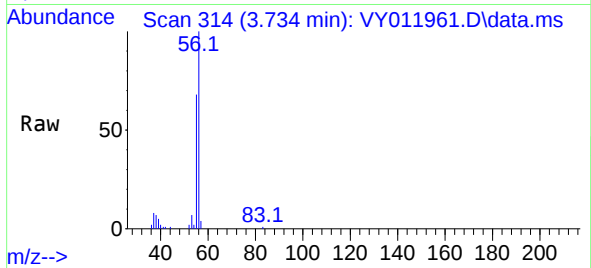




#13  
Acrolein  
Concen: 236.004 ug/l  
RT: 3.734 min Scan# 313  
Delta R.T. 0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

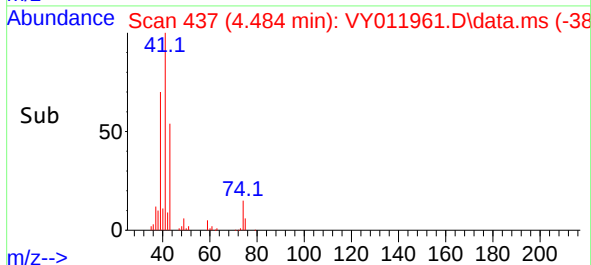
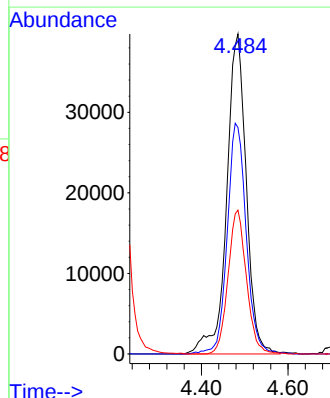
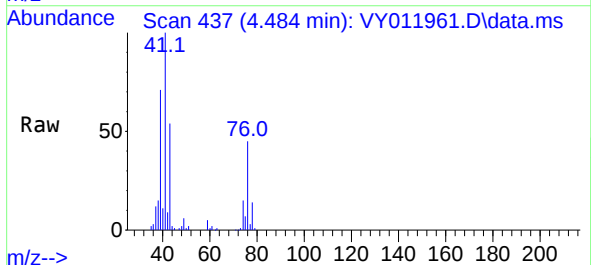
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

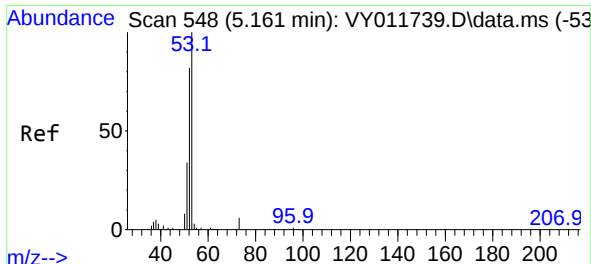
Tgt Ion: 56 Resp: 44809  
Ion Ratio Lower Upper  
56 100  
55 70.5 56.6 85.0



#14  
Allyl chloride  
Concen: 44.637 ug/l  
RT: 4.484 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 41 Resp: 125380  
Ion Ratio Lower Upper  
41 100  
39 69.8 53.5 80.3  
76 42.2 31.1 46.7





#15

Acrylonitrile

Concen: 255.109 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY011961.D

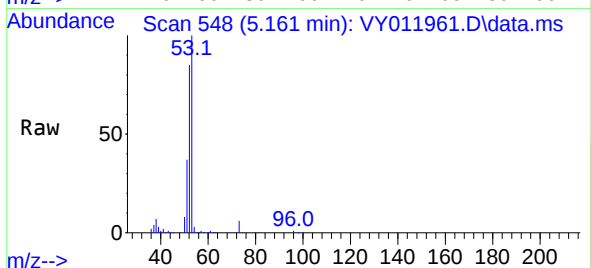
Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



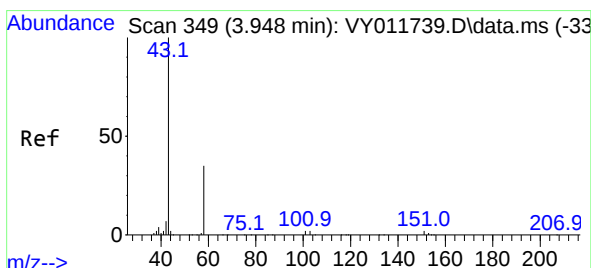
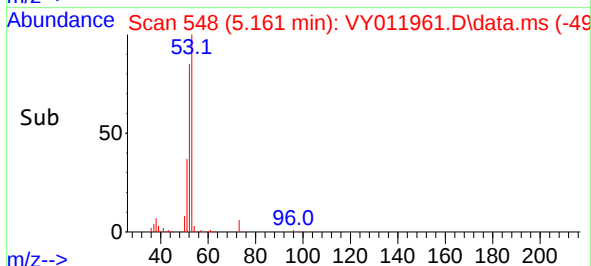
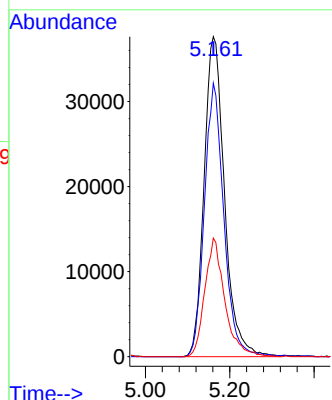
Tgt Ion: 53 Resp: 126832

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

51 36.3 28.7 43.1



#16

Acetone

Concen: 187.129 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY011961.D

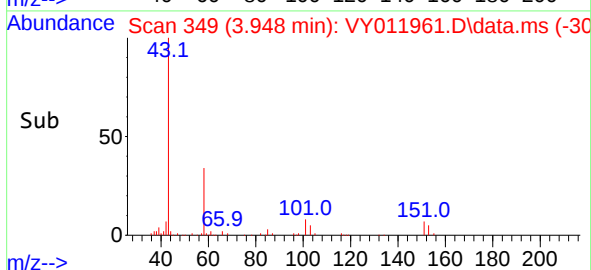
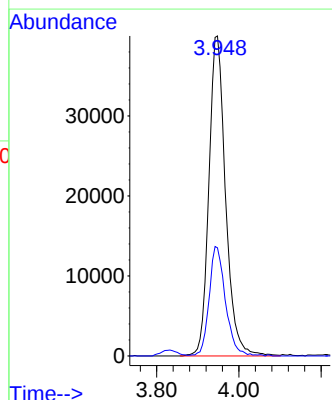
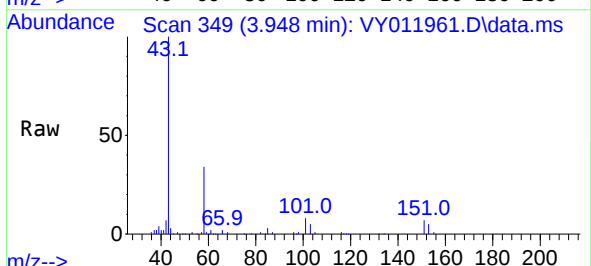
Acq: 21 Dec 2022 20:51

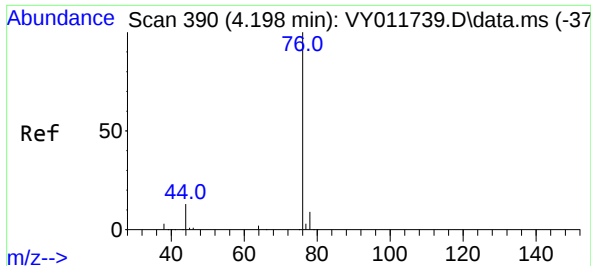
Tgt Ion: 43 Resp: 112716

Ion Ratio Lower Upper

43 100

58 33.8 27.9 41.9

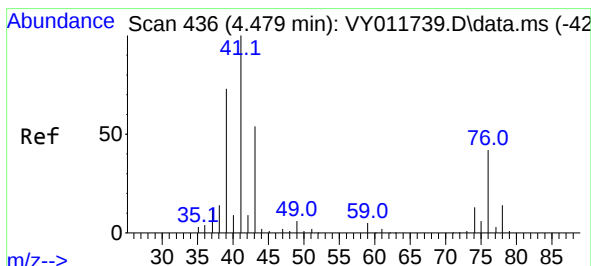
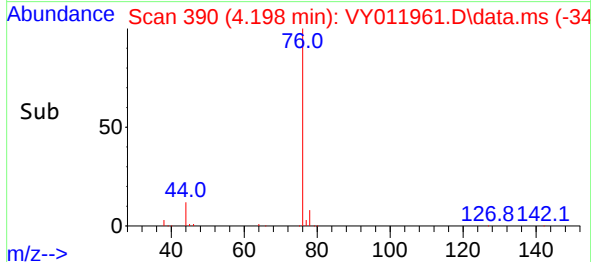
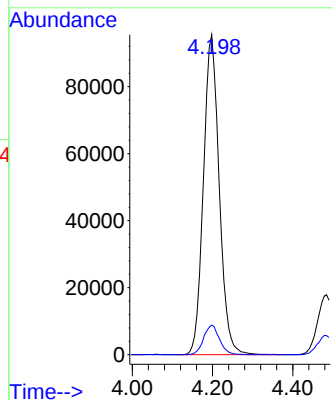
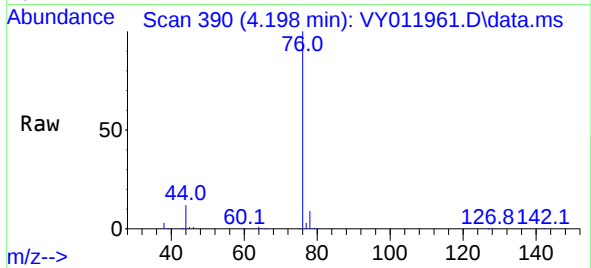




#17  
Carbon Disulfide  
Concen: 42.893 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

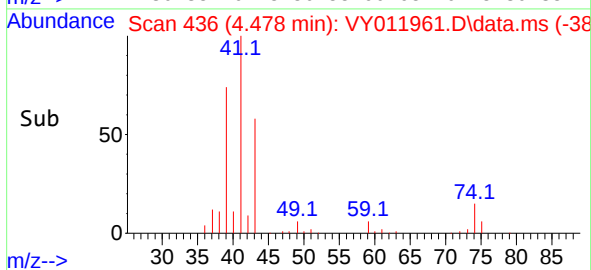
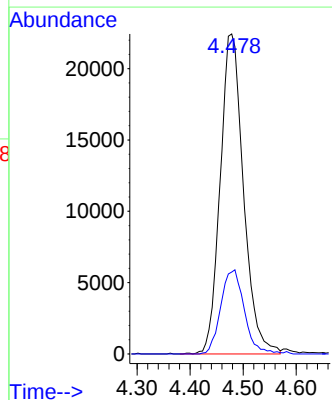
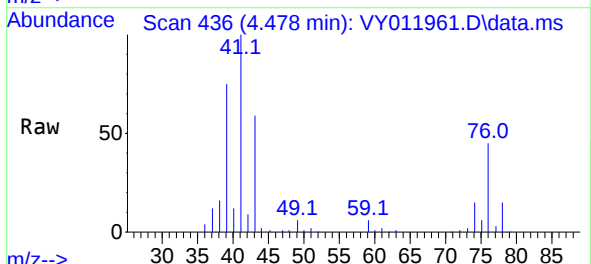
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

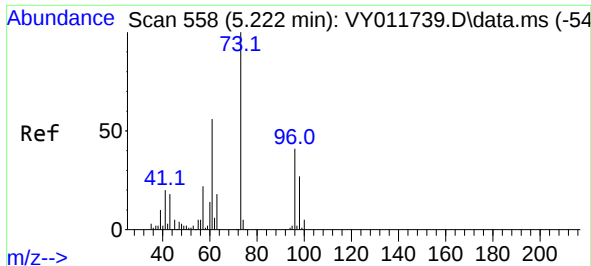
Tgt Ion: 76 Resp: 260976  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 48.763 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. -0.001 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 43 Resp: 68437  
Ion Ratio Lower Upper  
43 100  
74 26.5 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 50.221 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

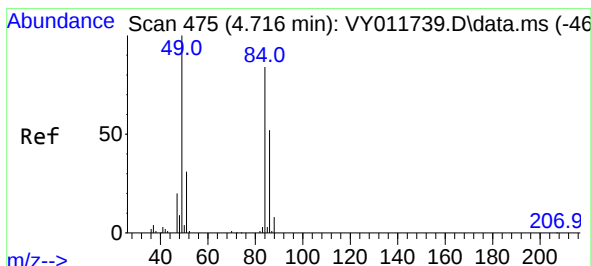
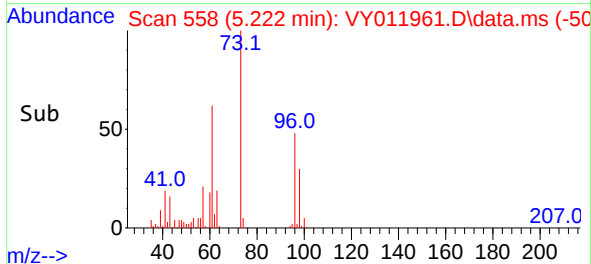
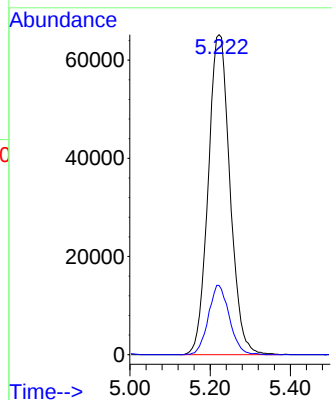
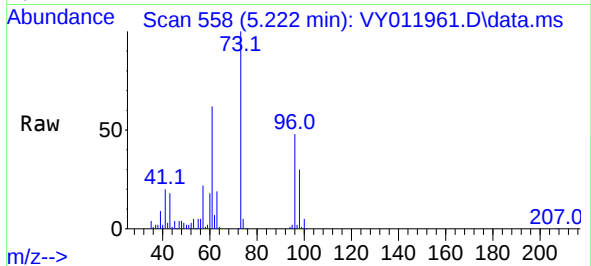
VSTDCCC050EC

Tgt Ion: 73 Resp: 245781

Ion Ratio Lower Upper

73 100

57 21.6 17.4 26.0



#20

Methylene Chloride

Concen: 48.058 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Tgt Ion: 84 Resp: 112857

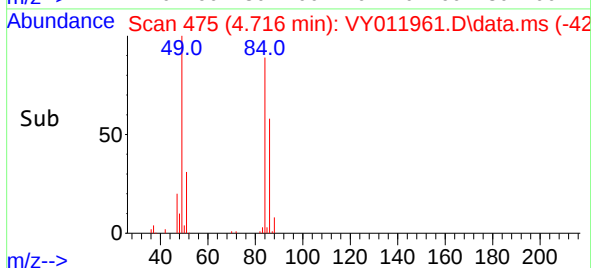
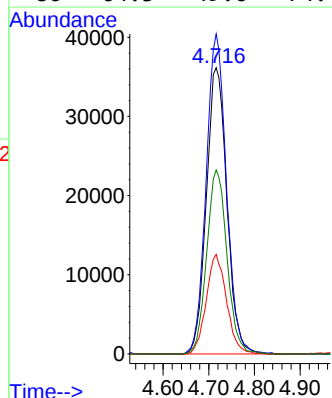
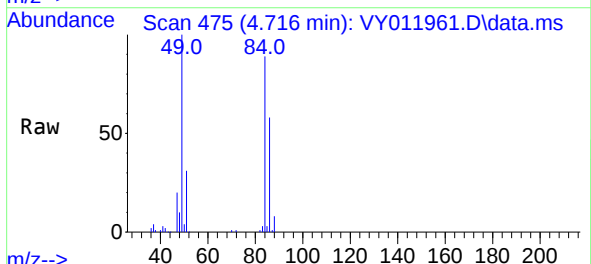
Ion Ratio Lower Upper

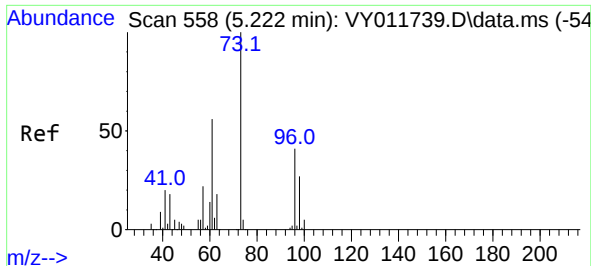
84 100

49 111.8 95.4 143.2

51 34.7 29.9 44.9

86 64.3 49.6 74.4

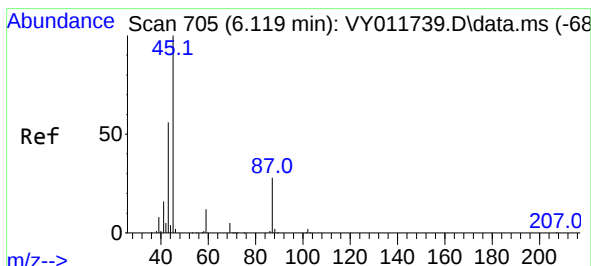
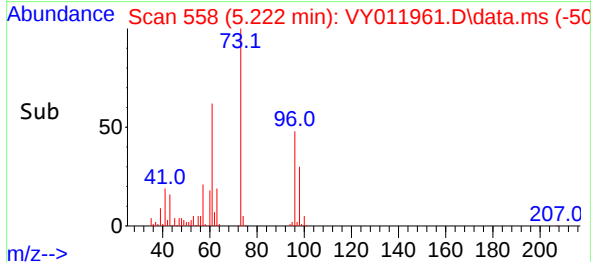
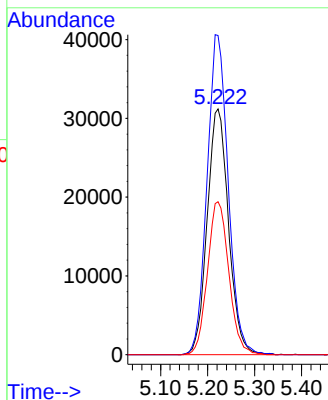
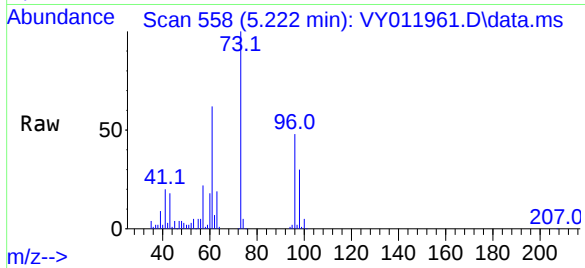




#21  
trans-1,2-Dichloroethene  
Concen: 45.472 ug/l  
RT: 5.222 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

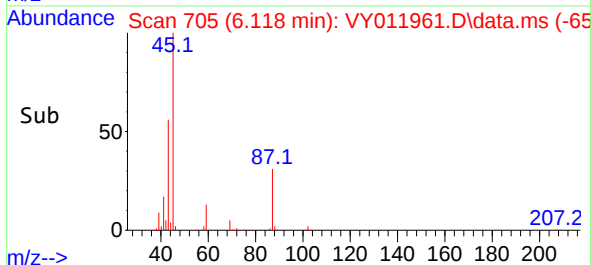
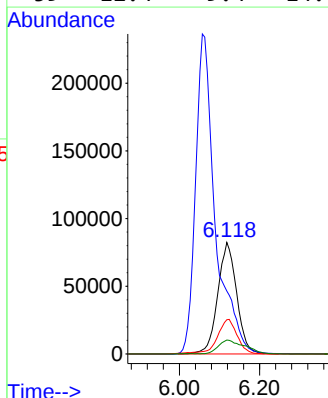
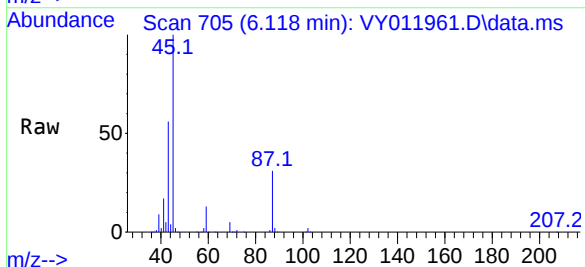
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

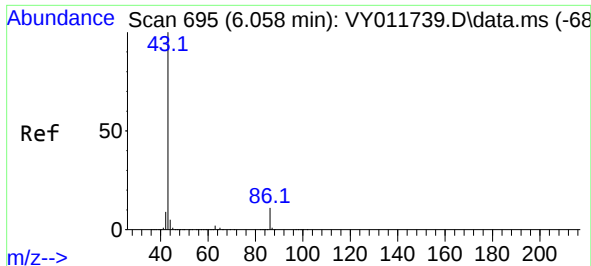
Tgt Ion: 96 Resp: 98549  
Ion Ratio Lower Upper  
96 100  
61 129.8 108.0 162.0  
98 62.2 51.6 77.4



#22  
Diisopropyl ether  
Concen: 48.777 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 45 Resp: 269840  
Ion Ratio Lower Upper  
45 100  
43 56.1 45.0 67.4  
87 30.7 22.6 33.8  
59 12.4 9.4 14.0

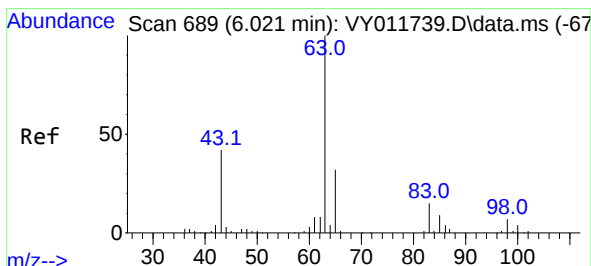
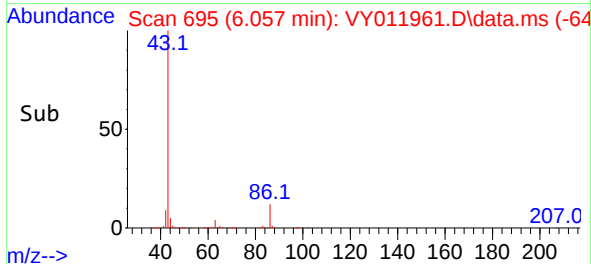
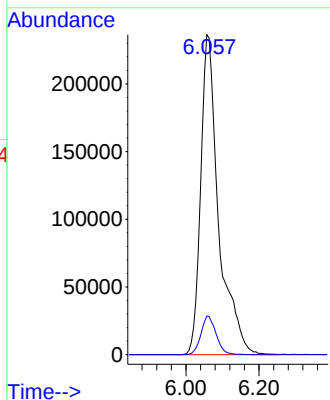
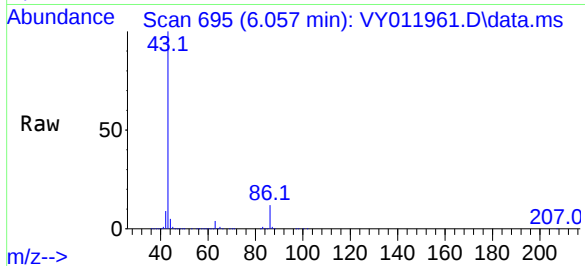




#23  
 Vinyl Acetate  
 Concen: 253.741 ug/l  
 RT: 6.057 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VY011961.D  
 Acq: 21 Dec 2022 20:51

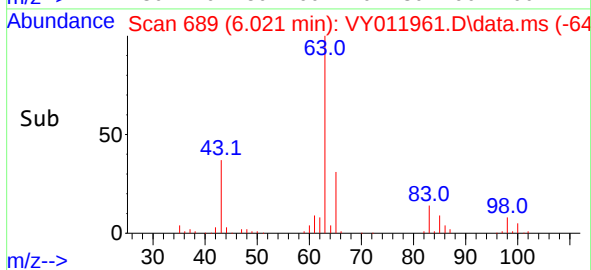
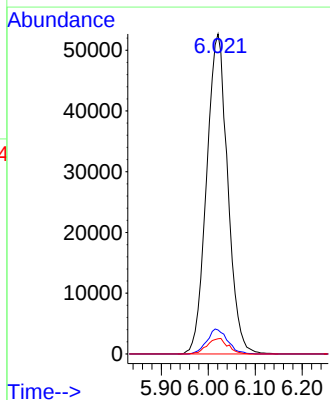
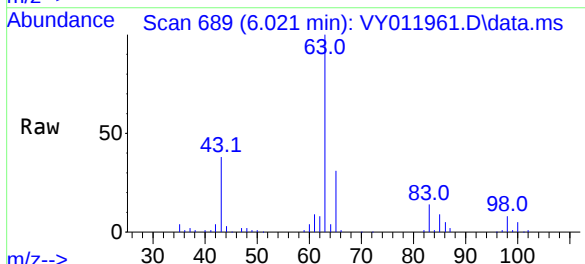
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

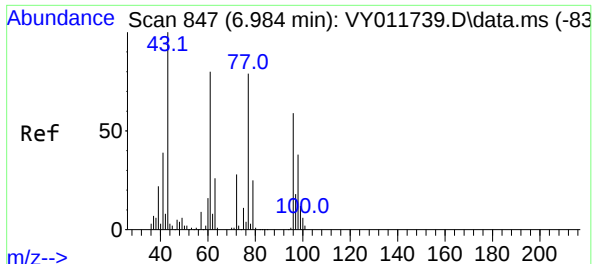
Tgt Ion: 43 Resp: 807610  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 9.0 13.4



#24  
 1,1-Dichloroethane  
 Concen: 45.643 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. -0.000 min  
 Lab File: VY011961.D  
 Acq: 21 Dec 2022 20:51

Tgt Ion: 63 Resp: 164128  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.5 10.5  
 100 4.7 2.2 6.6

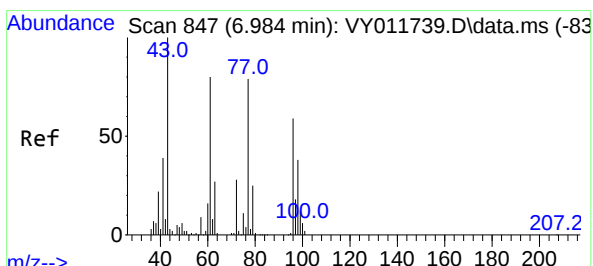
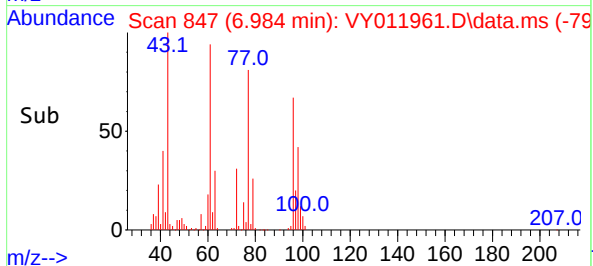
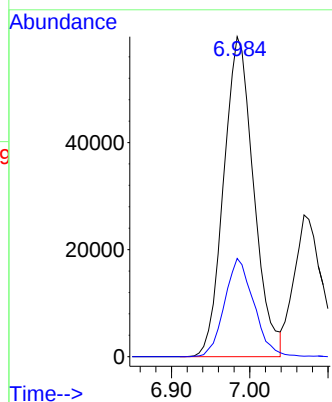
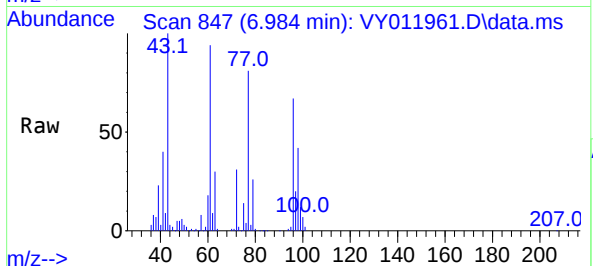




#25  
2-Butanone  
Concen: 234.790 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

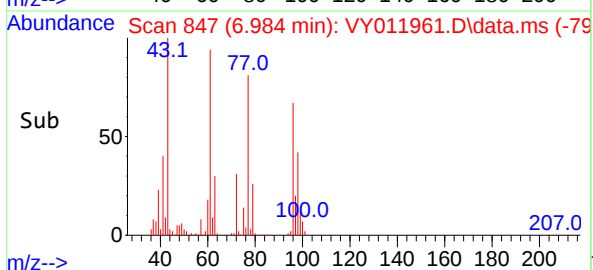
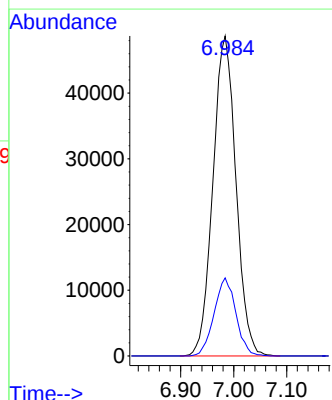
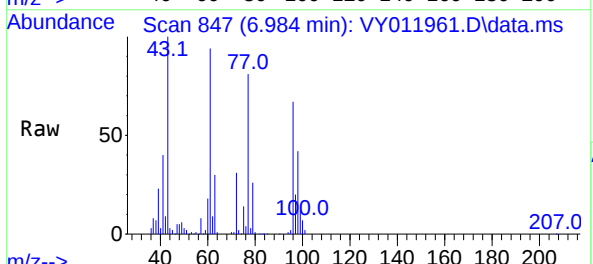
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

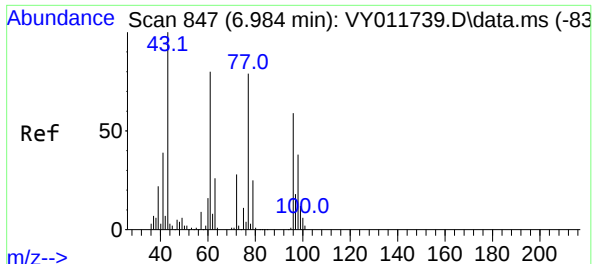
Tgt Ion: 43 Resp: 158853  
Ion Ratio Lower Upper  
43 100  
72 30.7 22.6 34.0



#26  
2,2-Dichloropropane  
Concen: 41.708 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 77 Resp: 146760  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.4 34.1

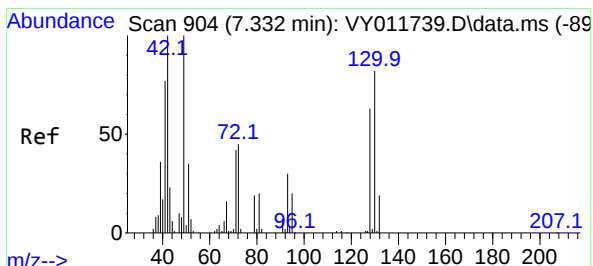
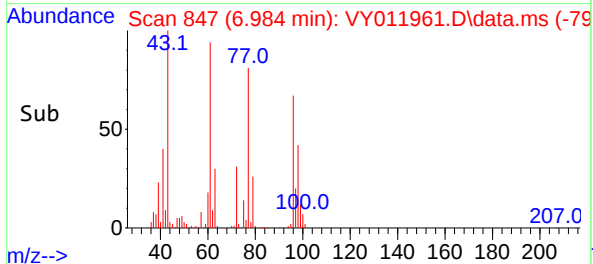
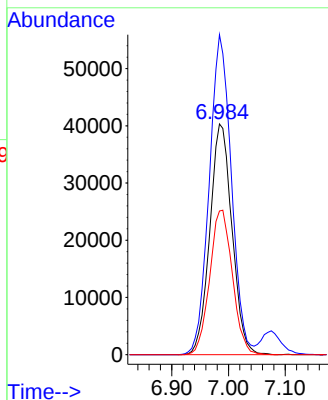
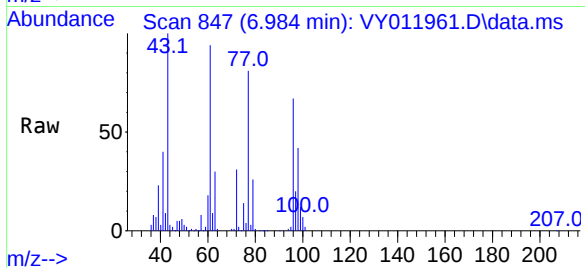




#27  
cis-1,2-Dichloroethene  
Concen: 46.809 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

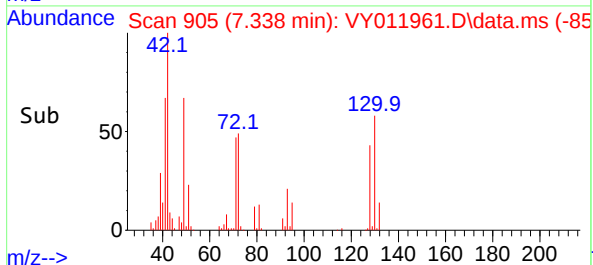
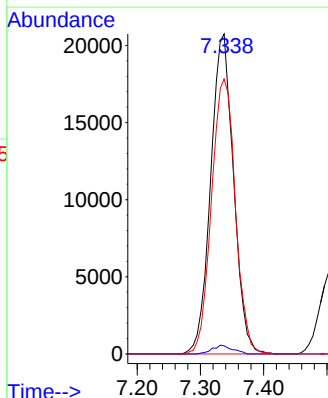
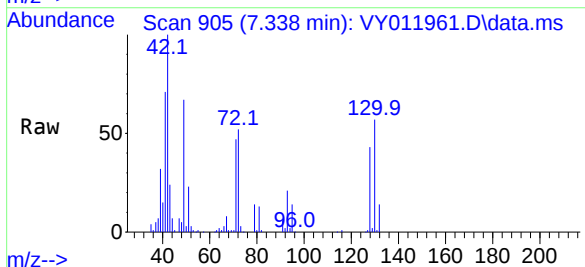
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

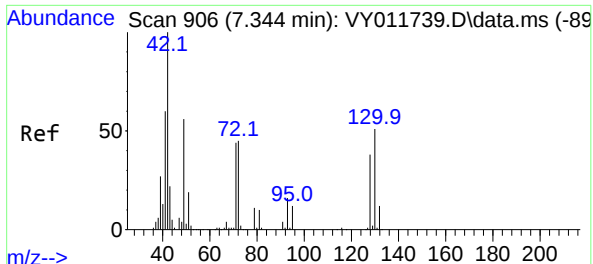
Tgt Ion: 96 Resp: 109723  
Ion Ratio Lower Upper  
96 100  
61 138.0 0.0 283.4  
98 63.9 0.0 127.6



#28  
Bromochloromethane  
Concen: 52.638 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 49 Resp: 51942  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 4.6  
130 89.6 66.7 100.1

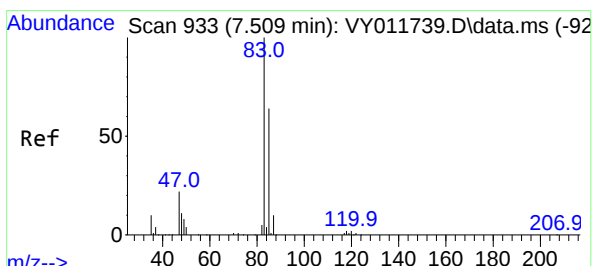
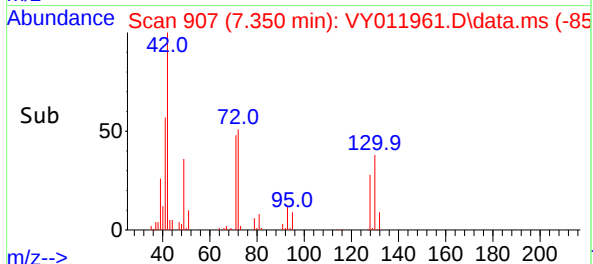
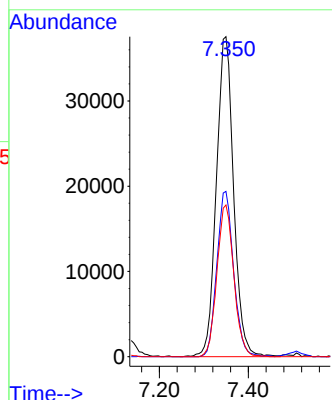
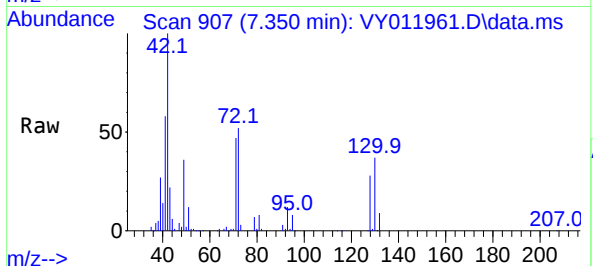




#29  
Tetrahydrofuran  
Concen: 263.399 ug/l  
RT: 7.350 min Scan# 906  
Delta R.T. 0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

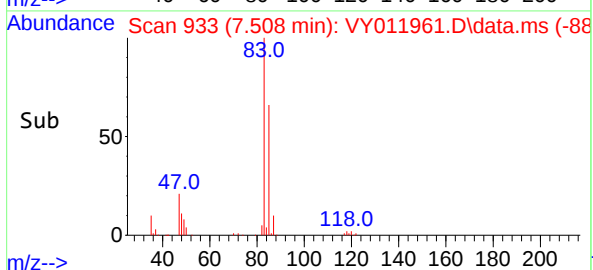
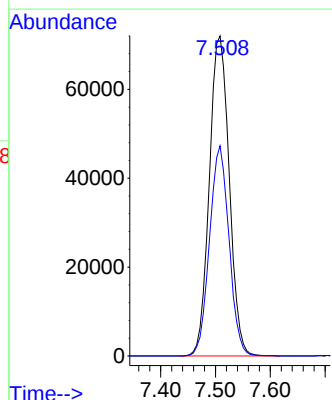
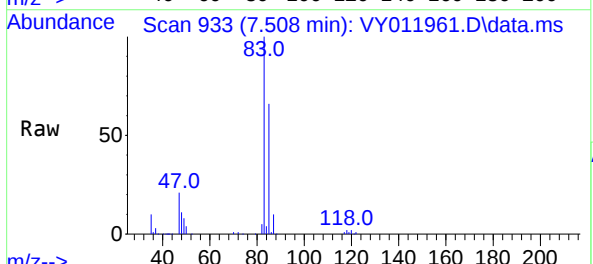
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

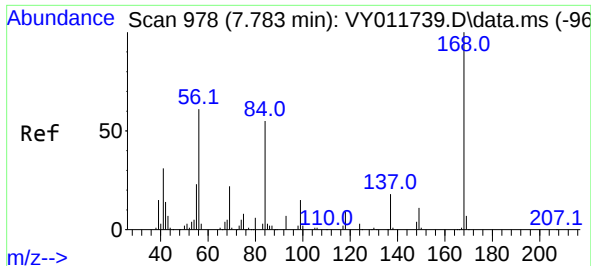
Tgt Ion: 42 Resp: 100969  
Ion Ratio Lower Upper  
42 100  
72 50.1 37.0 55.6  
71 46.5 34.9 52.3



#30  
Chloroform  
Concen: 46.765 ug/l  
RT: 7.508 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

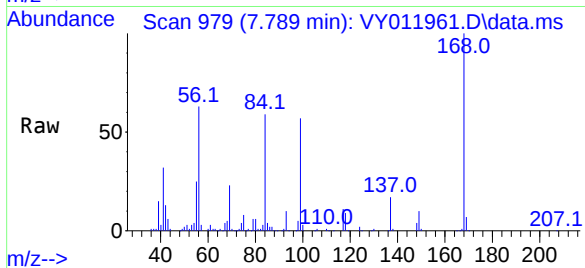
Tgt Ion: 83 Resp: 181254  
Ion Ratio Lower Upper  
83 100  
85 65.7 51.5 77.3



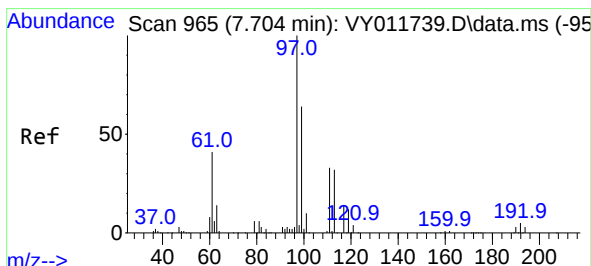
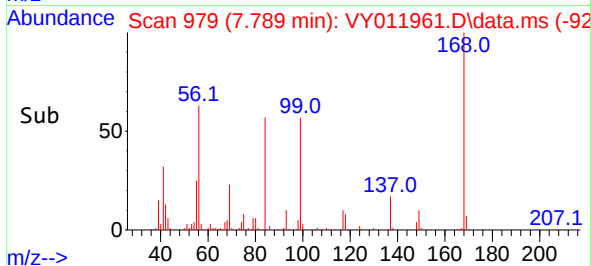
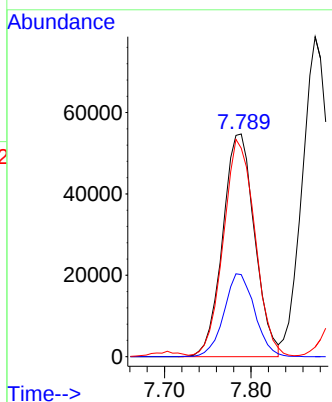


#31  
Cyclohexane  
Concen: 41.049 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

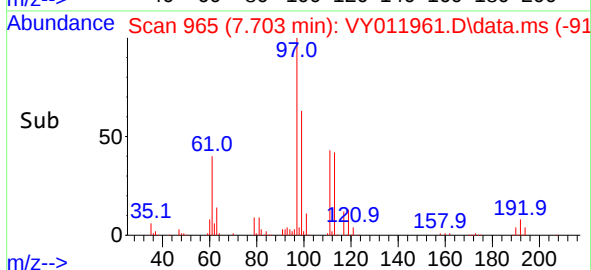
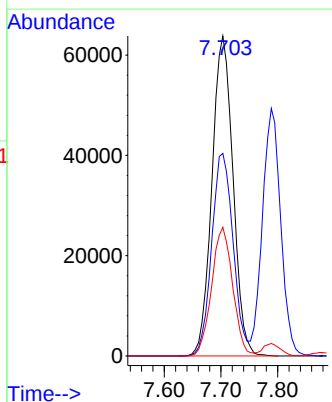
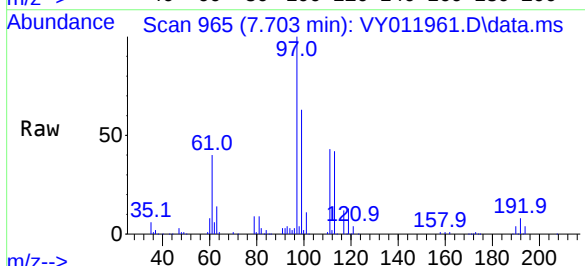


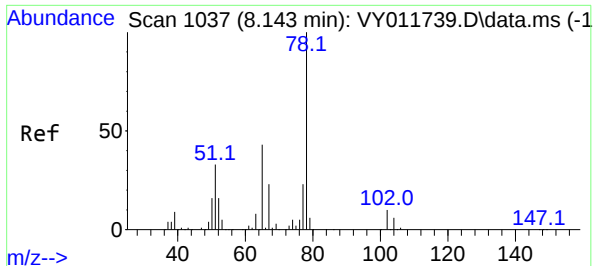
Tgt Ion: 56 Resp: 140355  
Ion Ratio Lower Upper  
56 100  
69 36.9 29.2 43.8  
84 91.9 72.6 108.8



#32  
1,1,1-Trichloroethane  
Concen: 44.537 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 97 Resp: 164186  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.0 76.4  
61 40.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 54.053 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

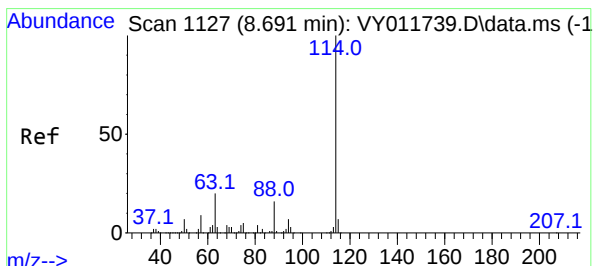
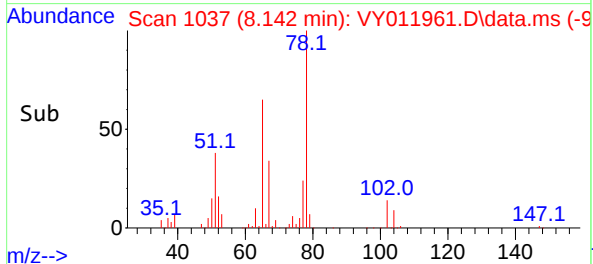
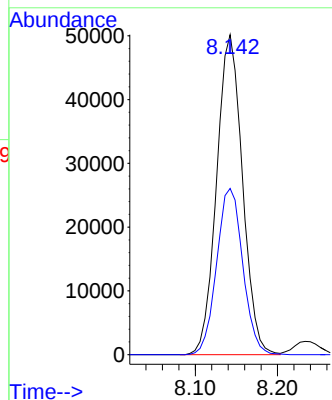
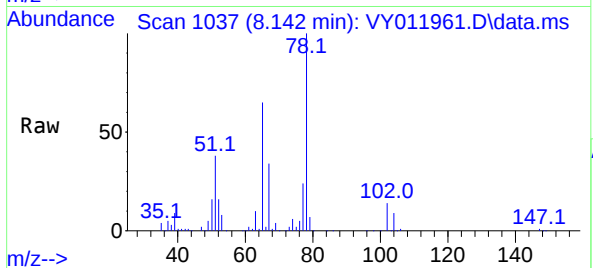
VSTDCCC050EC

Tgt Ion: 65 Resp: 109786

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

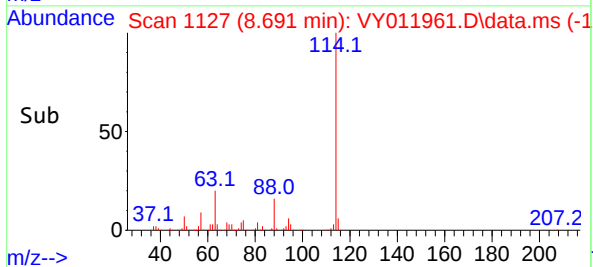
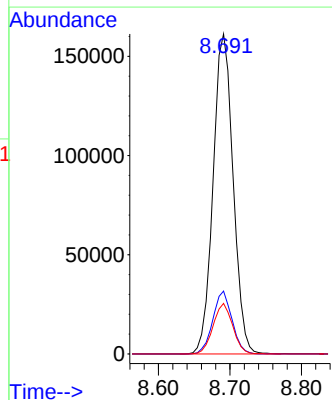
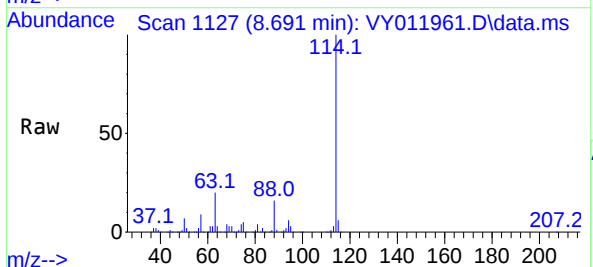
Tgt Ion: 114 Resp: 313653

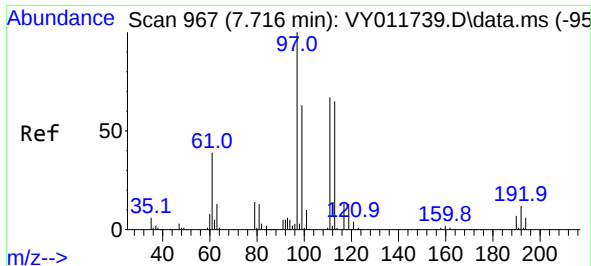
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.8 0.0 32.2

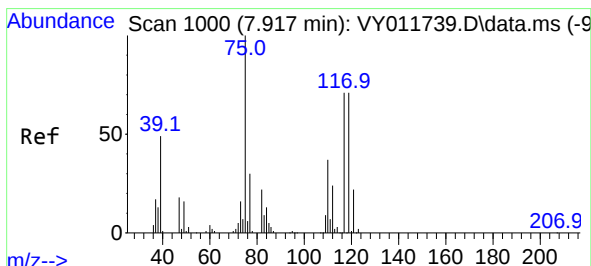
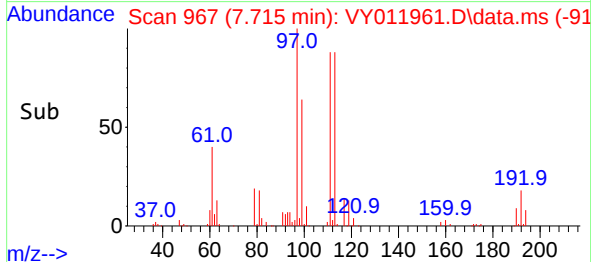
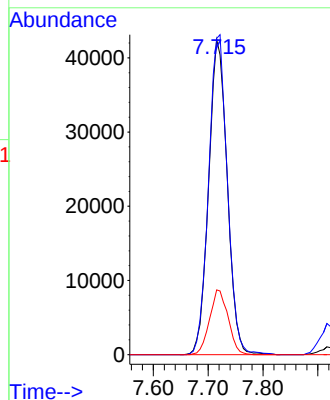
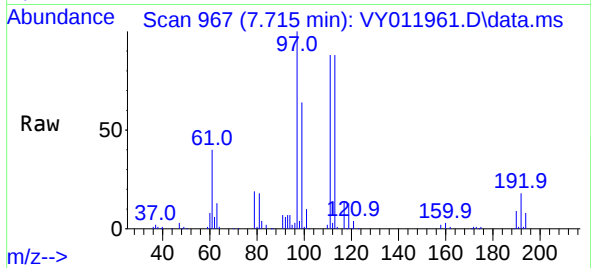




#35  
Dibromofluoromethane  
Concen: 52.831 ug/l  
RT: 7.715 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

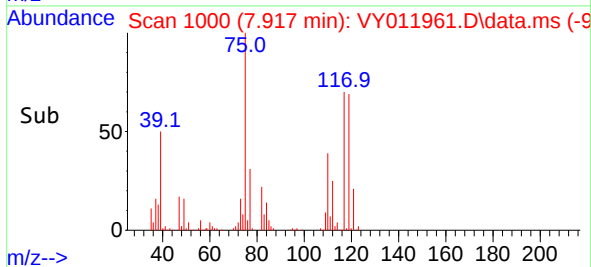
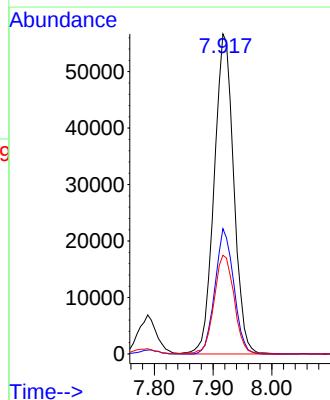
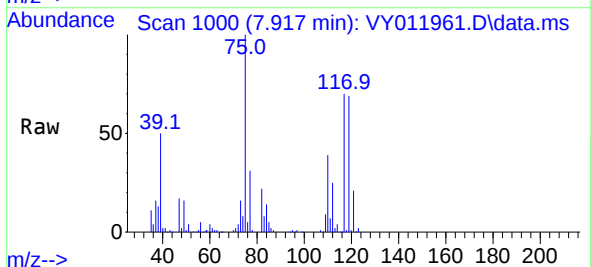
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

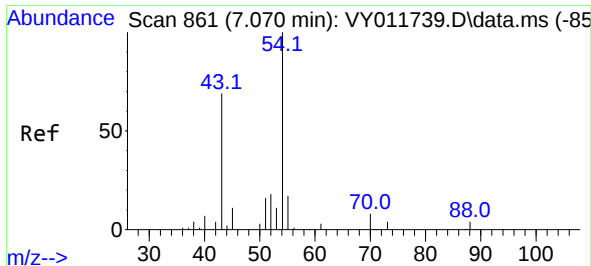
Tgt Ion:113 Resp: 99759  
Ion Ratio Lower Upper  
113 100  
111 102.6 83.0 124.4  
192 20.5 16.0 24.0



#36  
1,1-Dichloropropene  
Concen: 43.287 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 75 Resp: 131110  
Ion Ratio Lower Upper  
75 100  
110 37.3 18.1 54.1  
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 49.631 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

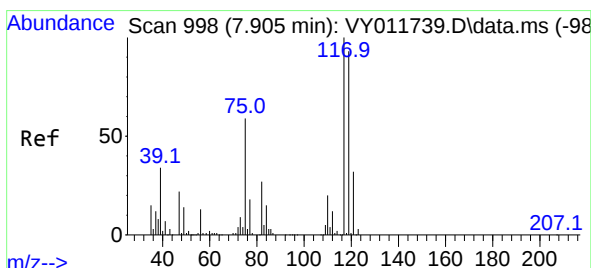
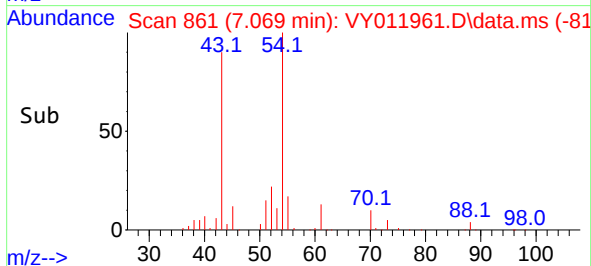
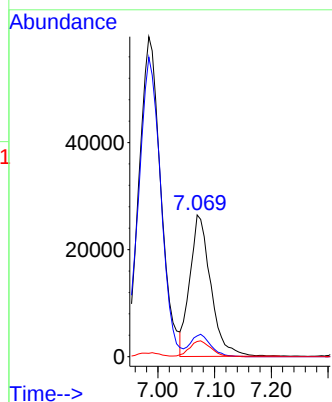
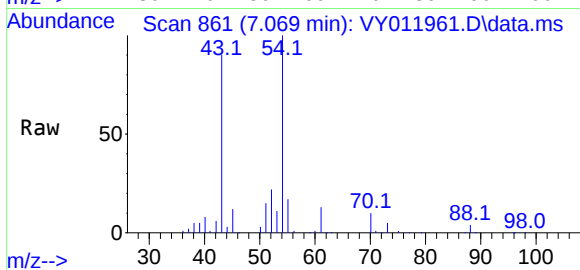
Tgt Ion: 43 Resp: 67444

Ion Ratio Lower Upper

43 100

61 15.3 11.3 16.9

70 11.6 8.2 12.4



#38

Carbon Tetrachloride

Concen: 43.444 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

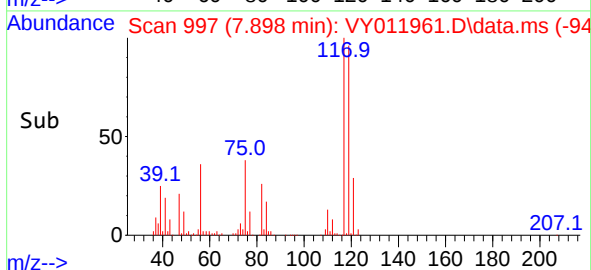
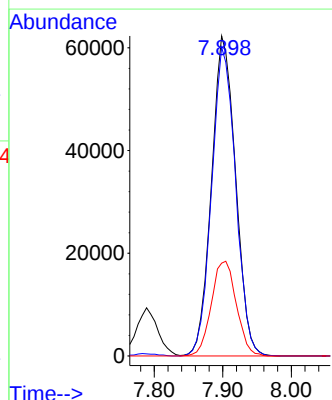
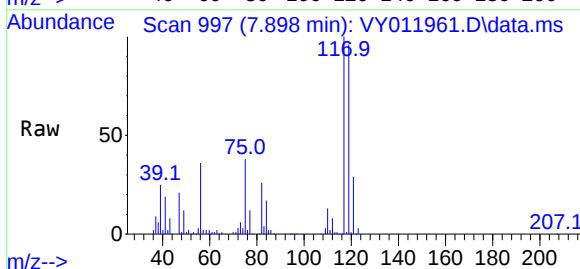
Tgt Ion: 117 Resp: 151970

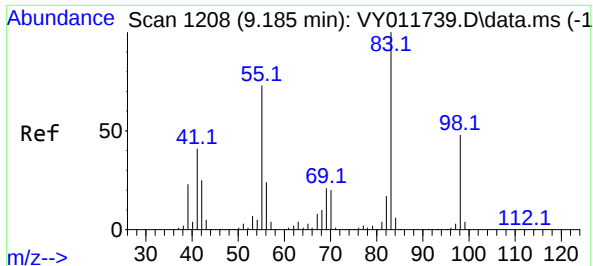
Ion Ratio Lower Upper

117 100

119 96.5 73.8 110.8

121 29.0 25.2 37.8





#39

Methylcyclohexane

Concen: 43.223 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

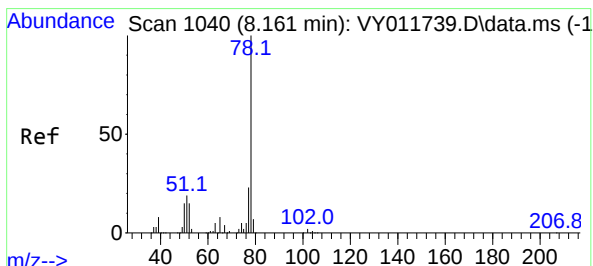
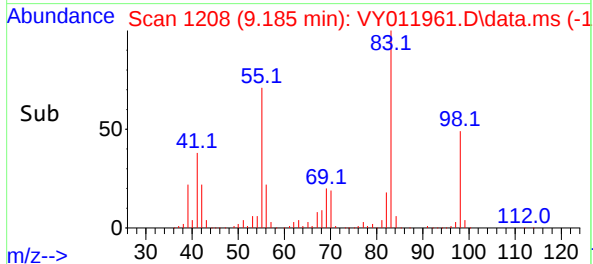
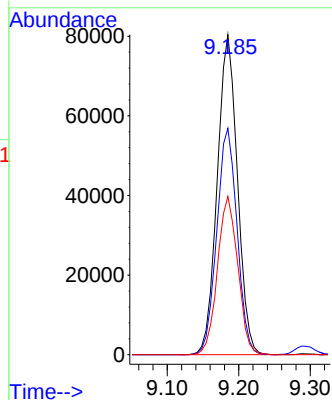
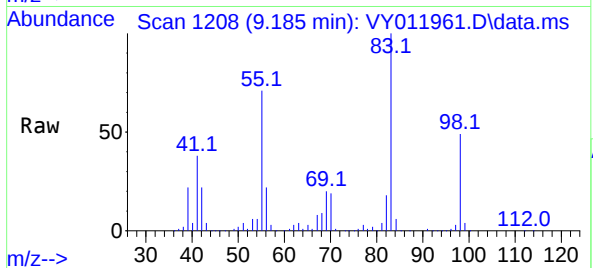
Tgt Ion: 83 Resp: 157529

Ion Ratio Lower Upper

83 100

55 70.8 58.2 87.2

98 49.5 38.6 58.0



#40

Benzene

Concen: 45.232 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011961.D

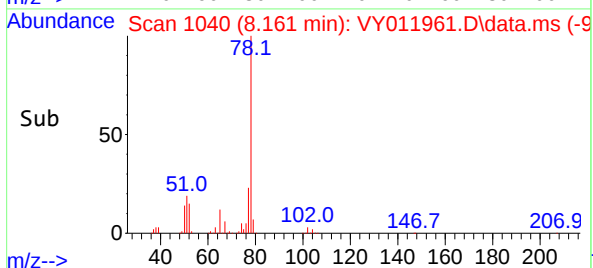
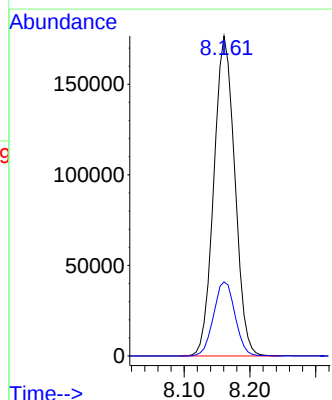
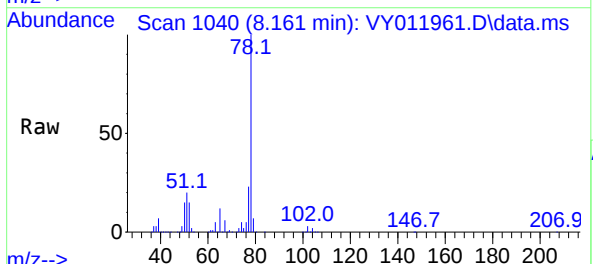
Acq: 21 Dec 2022 20:51

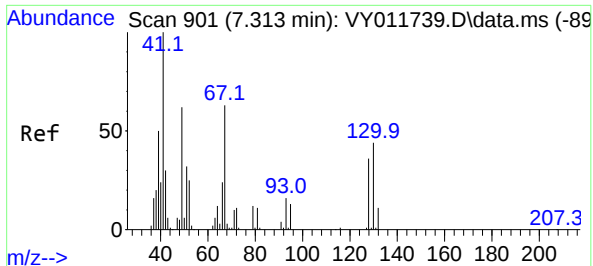
Tgt Ion: 78 Resp: 392065

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8



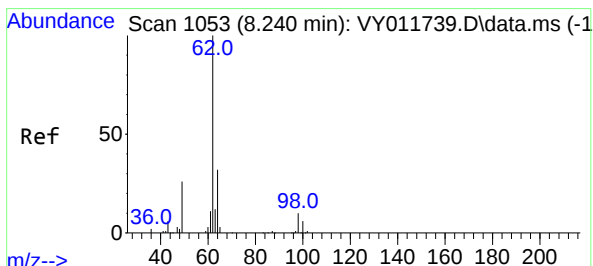
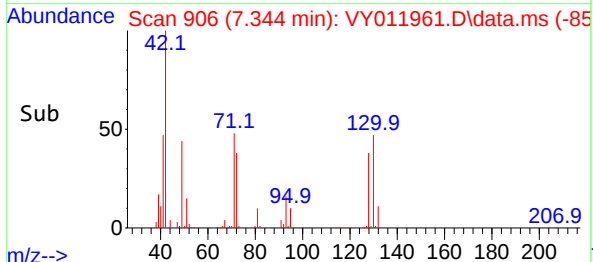
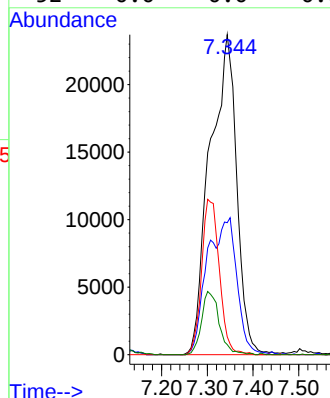
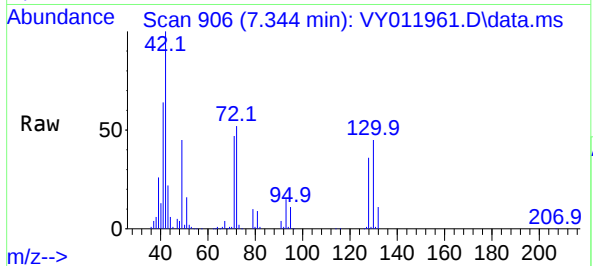


#41  
Methacrylonitrile  
Concen: 146.507 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.030 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 96273

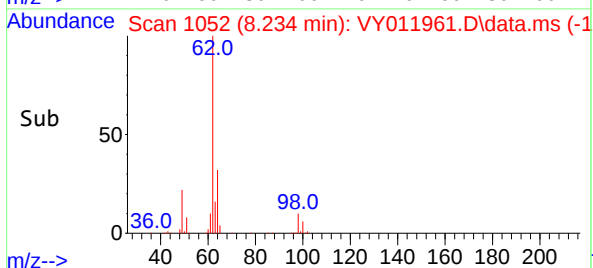
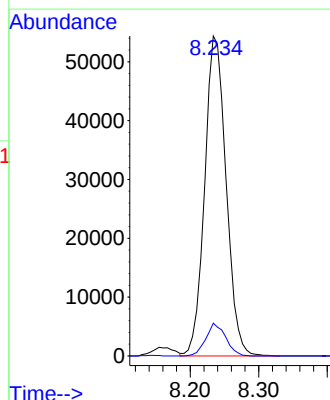
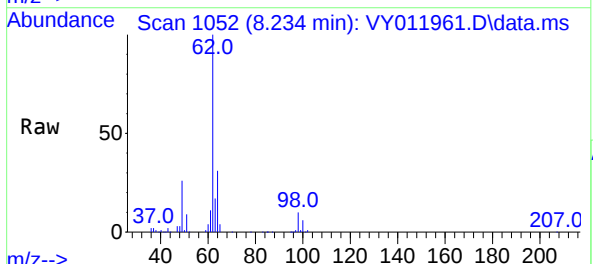
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 0.0   | 0.0   | 0.0   |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

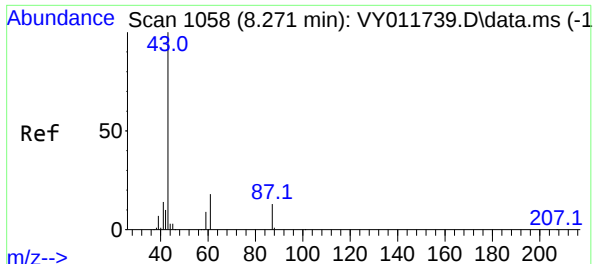


#42  
1,2-Dichloroethane  
Concen: 47.408 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 62 Resp: 118297

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.5   | 0.0   | 19.6  |





#43

Isopropyl Acetate

Concen: 50.096 ug/l

RT: 8.270 min Scan# 11058

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

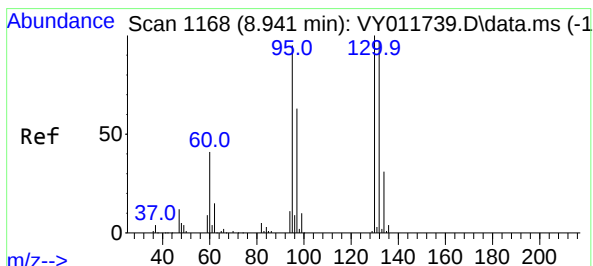
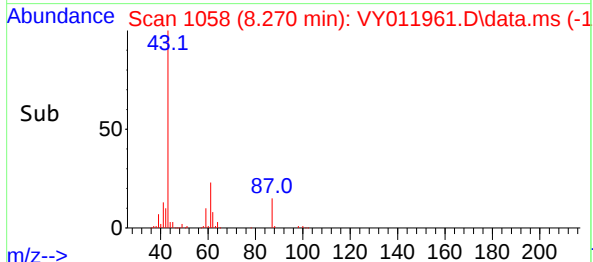
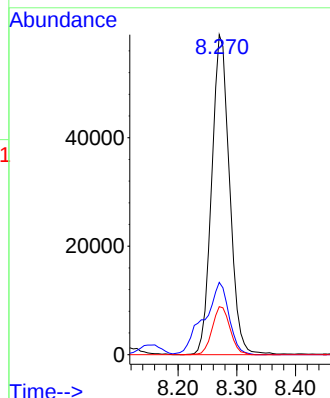
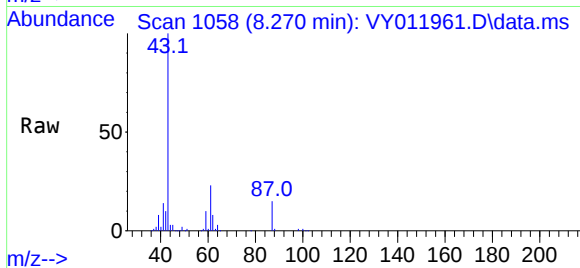
Tgt Ion: 43 Resp: 124329

Ion Ratio Lower Upper

43 100

61 31.6 24.4 36.6

87 14.9 11.4 17.2



#44

Trichloroethene

Concen: 44.565 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY011961.D

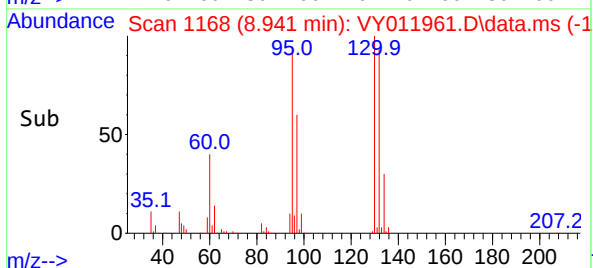
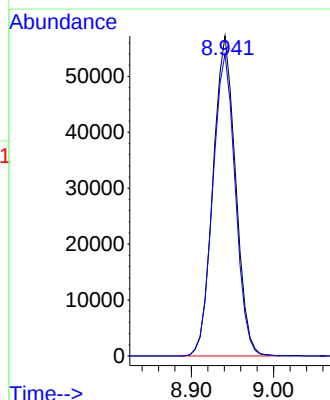
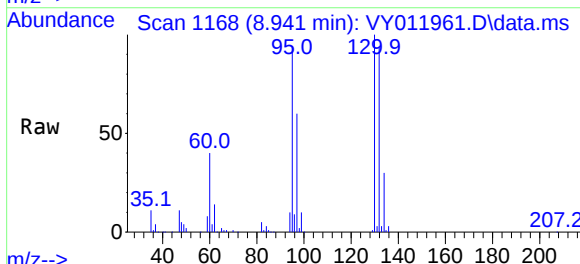
Acq: 21 Dec 2022 20:51

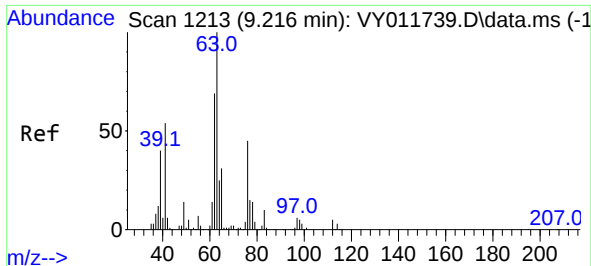
Tgt Ion:130 Resp: 108881

Ion Ratio Lower Upper

130 100

95 94.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 46.018 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

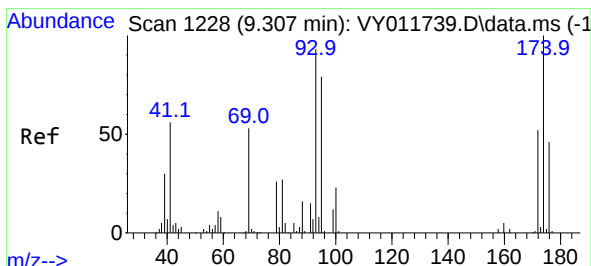
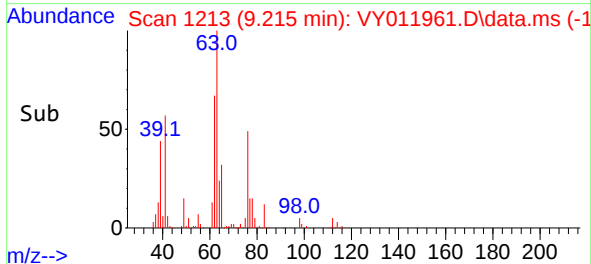
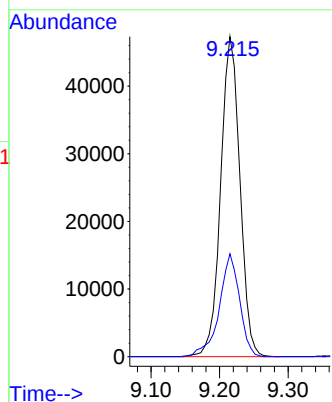
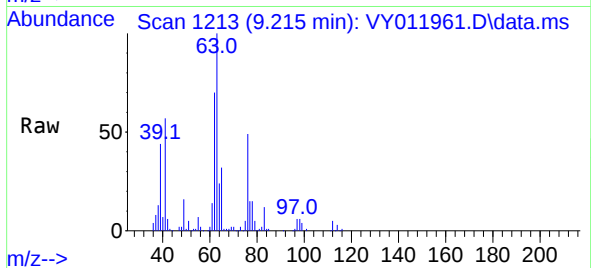
VSTDCCC050EC

Tgt Ion: 63 Resp: 92162

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3



#46

Dibromomethane

Concen: 48.052 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

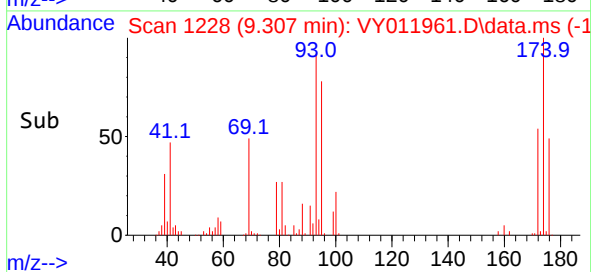
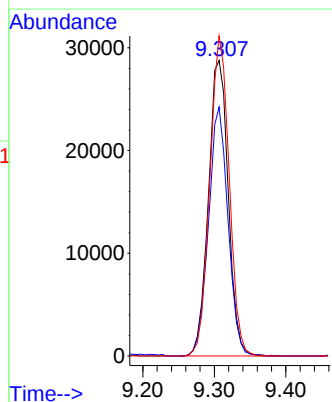
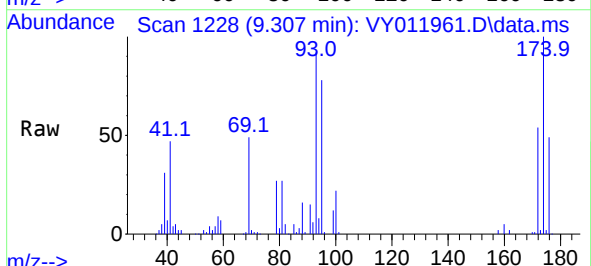
Tgt Ion: 93 Resp: 55433

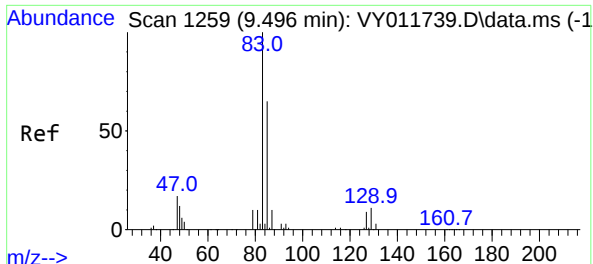
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 105.7 84.7 127.1

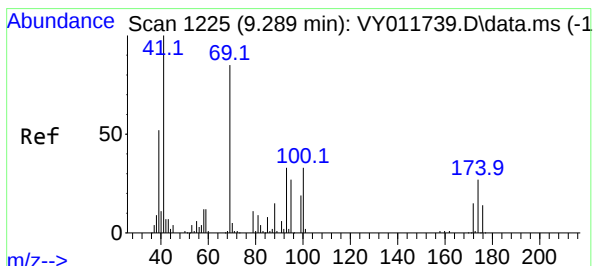
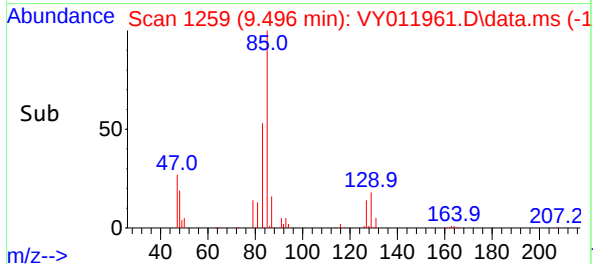
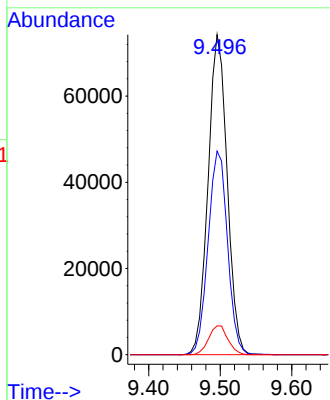
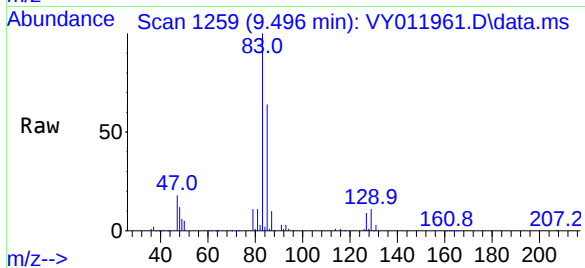




#47  
Bromodichloromethane  
Concen: 47.027 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

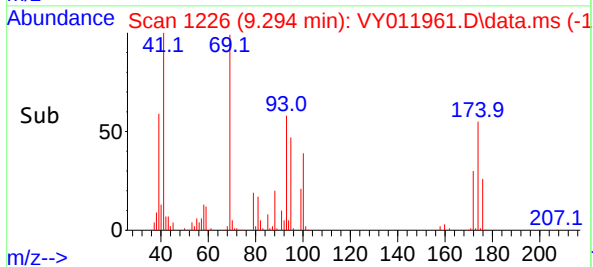
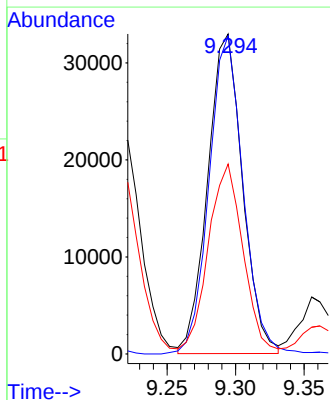
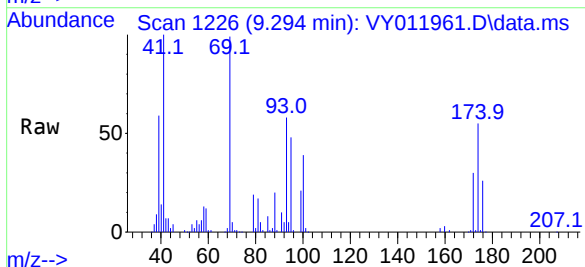
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

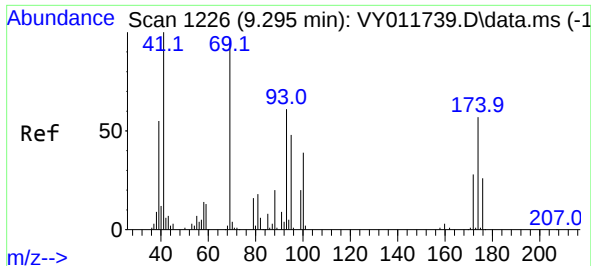
Tgt Ion: 83 Resp: 137634  
Ion Ratio Lower Upper  
83 100  
85 63.6 52.0 78.0  
127 9.0 7.3 10.9



#48  
Methyl methacrylate  
Concen: 50.635 ug/l  
RT: 9.294 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 41 Resp: 58186  
Ion Ratio Lower Upper  
41 100  
69 97.9 74.2 111.2  
39 56.4 46.3 69.5

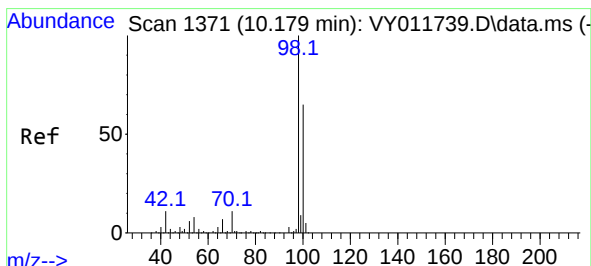
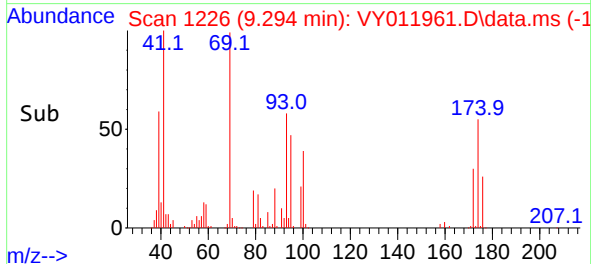
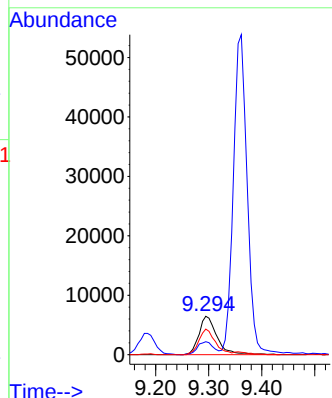
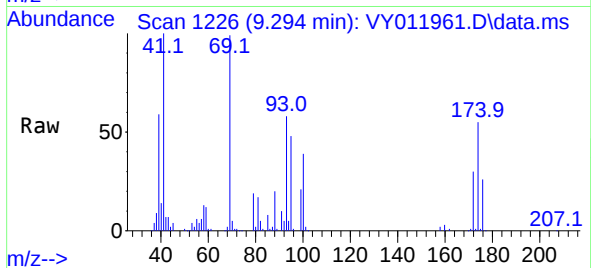




#49  
1,4-Dioxane  
Concen: 1116.065 ug/l  
RT: 9.294 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

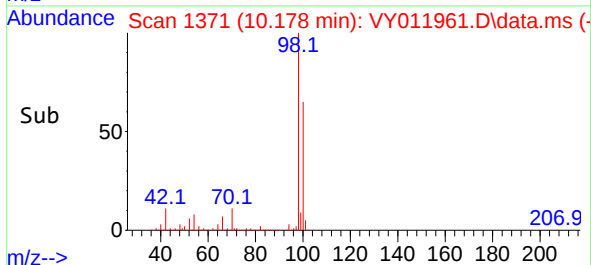
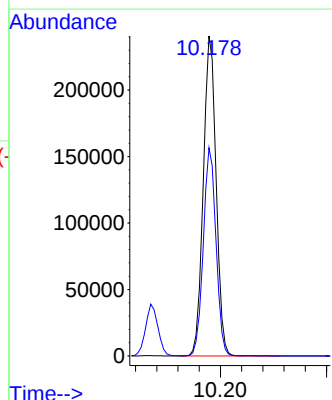
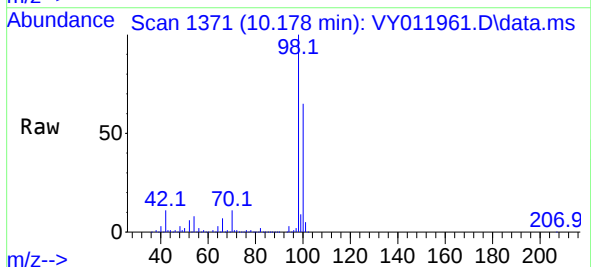
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

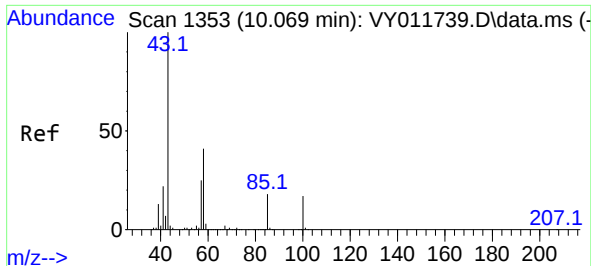
Tgt Ion: 88 Resp: 15372  
Ion Ratio Lower Upper  
88 100  
43 29.6 26.2 39.2  
58 60.0 54.3 81.5



#50  
Toluene-d8  
Concen: 52.646 ug/l  
RT: 10.178 min Scan# 1371  
Delta R.T. -0.001 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 98 Resp: 403330  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.9 77.9

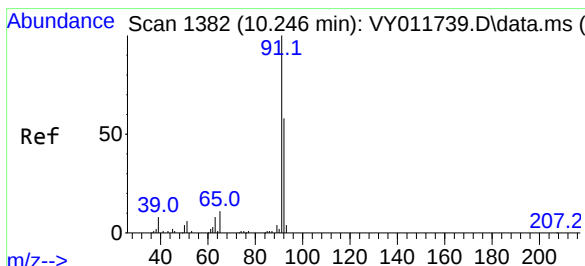
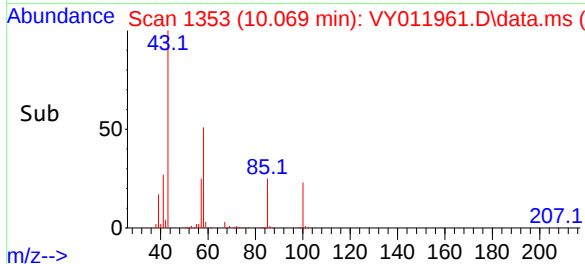
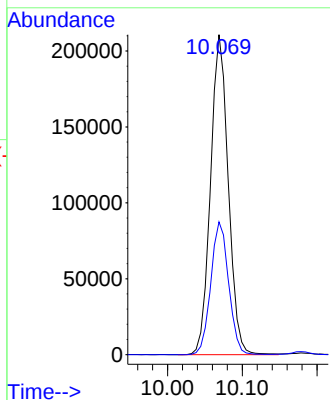
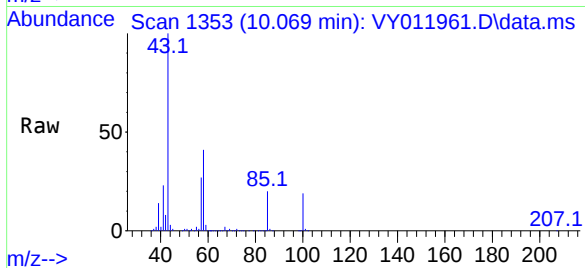




#51  
4-Methyl-2-Pentanone  
Concen: 263.077 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

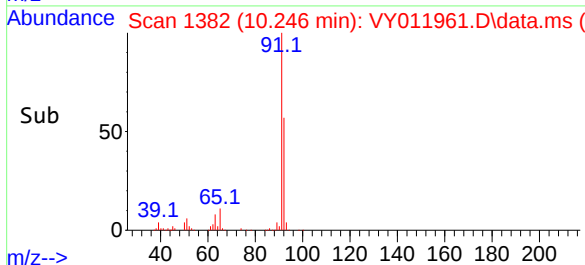
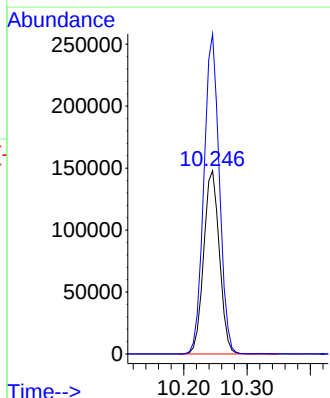
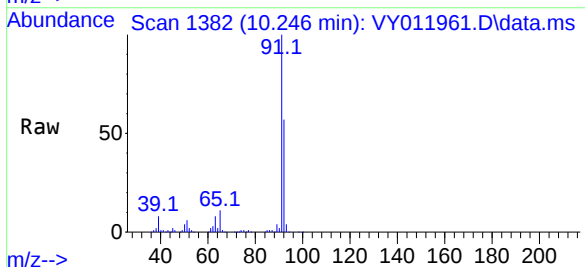
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

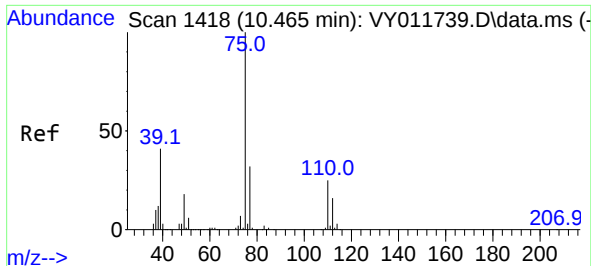
Tgt Ion: 43 Resp: 348148  
Ion Ratio Lower Upper  
43 100  
58 41.8 32.9 49.3



#52  
Toluene  
Concen: 46.222 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 92 Resp: 255262  
Ion Ratio Lower Upper  
92 100  
91 171.4 137.4 206.0

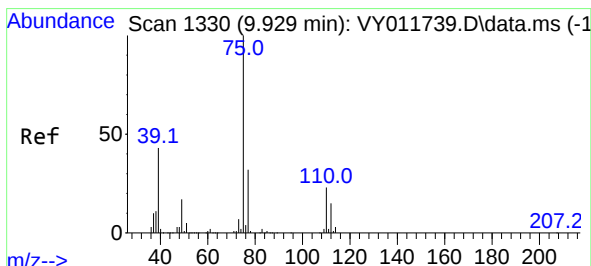
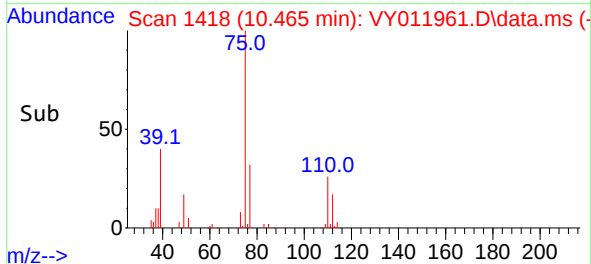
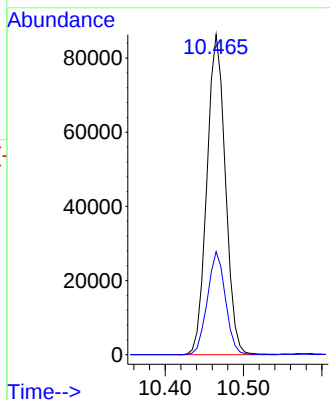
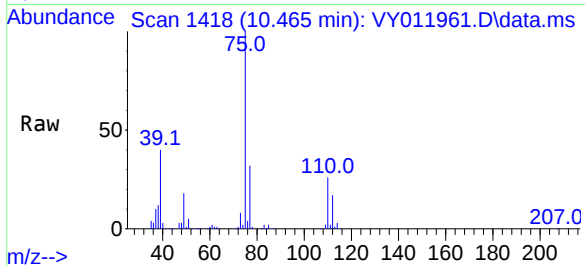




#53  
t-1,3-Dichloropropene  
Concen: 47.738 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

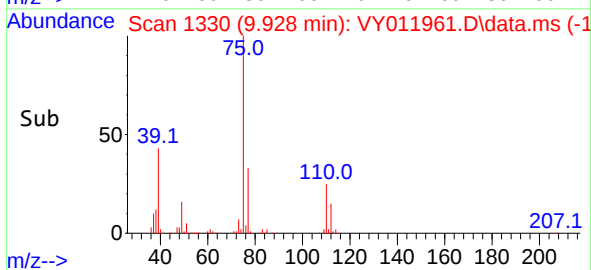
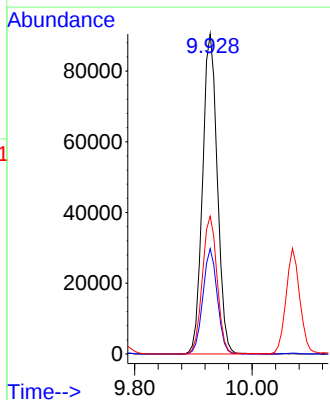
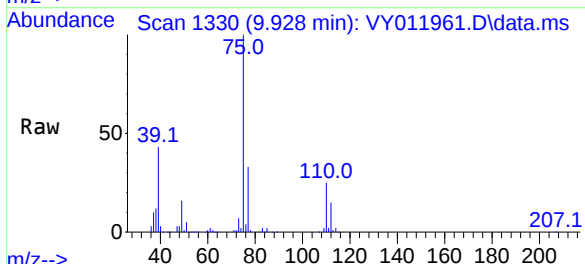
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

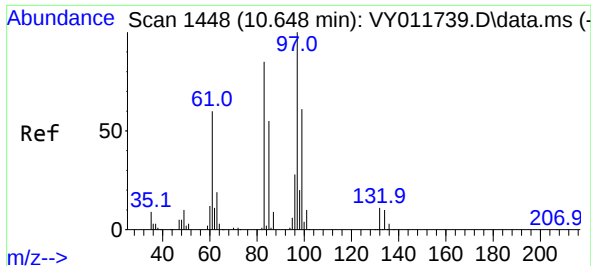
Tgt Ion: 75 Resp: 141175  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.8 38.8



#54  
cis-1,3-Dichloropropene  
Concen: 47.387 ug/l  
RT: 9.928 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

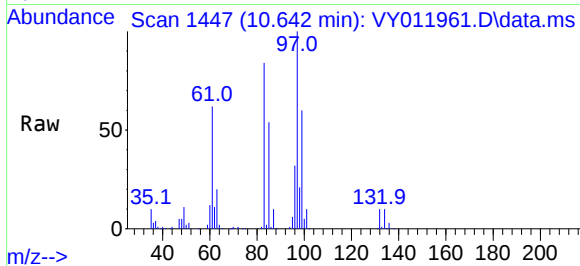
Tgt Ion: 75 Resp: 157523  
Ion Ratio Lower Upper  
75 100  
77 32.9 25.9 38.9  
39 43.0 34.6 52.0





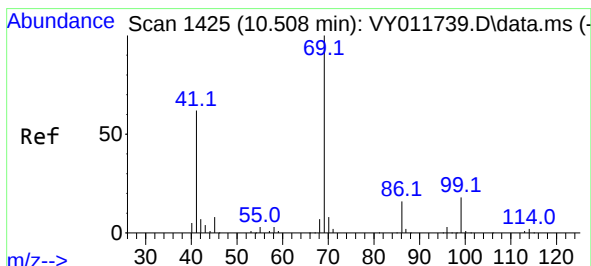
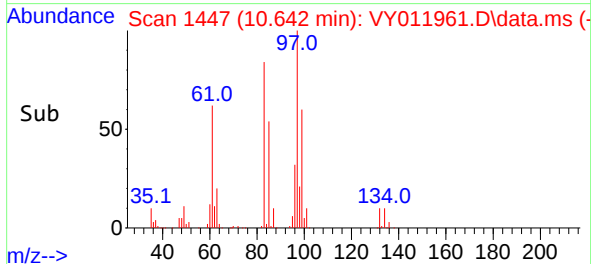
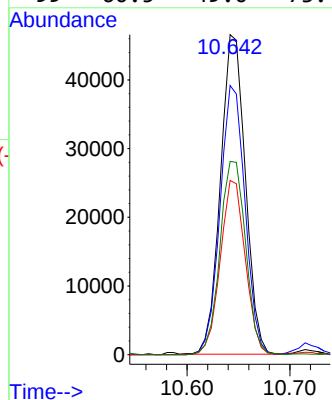
#55  
1,1,2-Trichloroethane  
Concen: 47.838 ug/l  
RT: 10.642 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 97 Resp: 78313

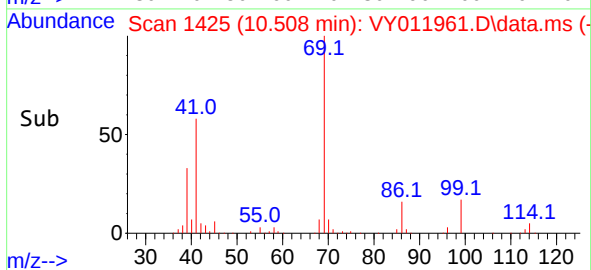
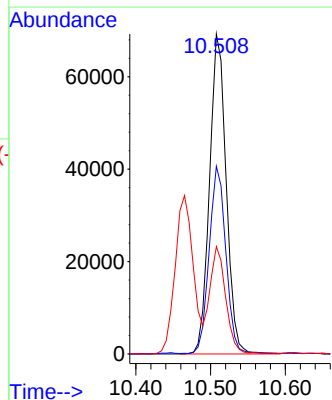
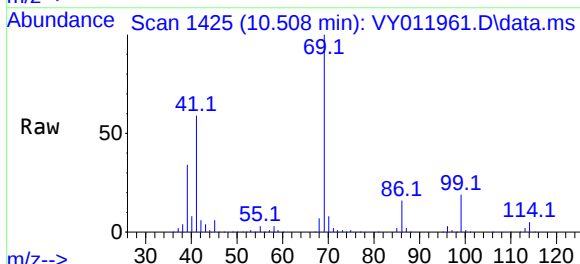
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.2  | 67.7  | 101.5 |
| 85  | 54.6  | 43.8  | 65.8  |
| 99  | 60.5  | 49.0  | 73.4  |

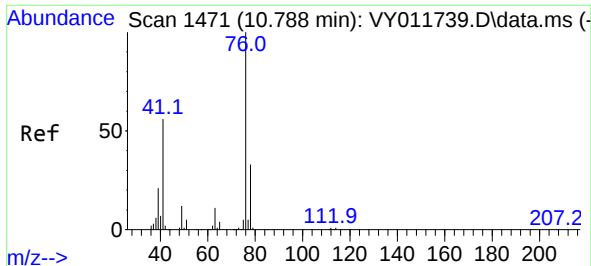


#56  
Ethyl methacrylate  
Concen: 51.691 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 69 Resp: 107139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 58.4  | 48.9  | 73.3  |
| 39  | 31.8  | 25.9  | 38.9  |





#57

1,3-Dichloropropane

Concen: 48.747 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

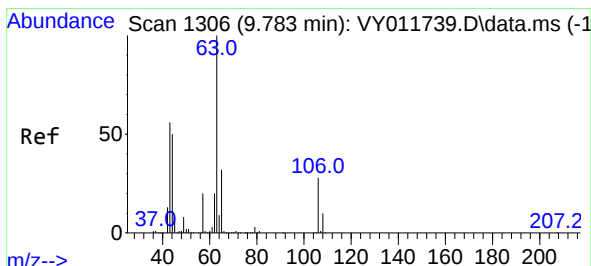
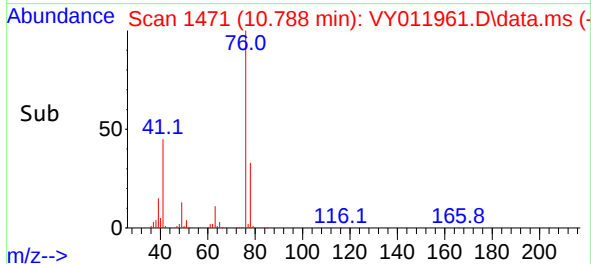
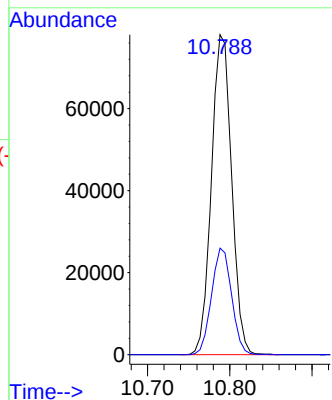
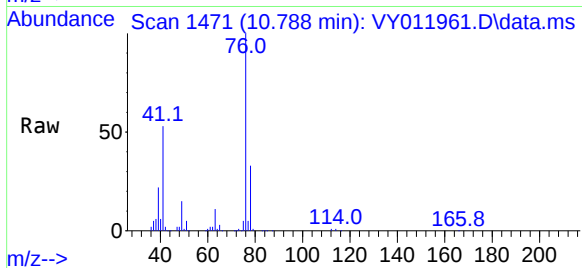
VSTDCCC050EC

Tgt Ion: 76 Resp: 133172

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 272.690 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011961.D

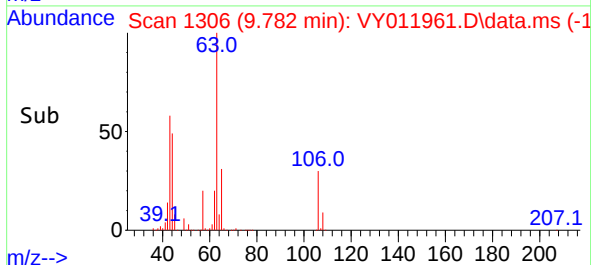
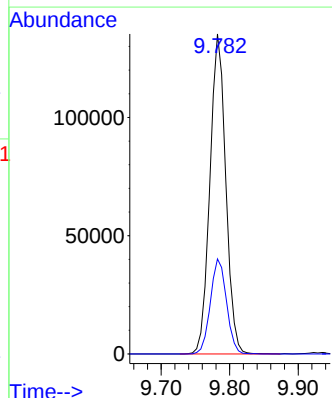
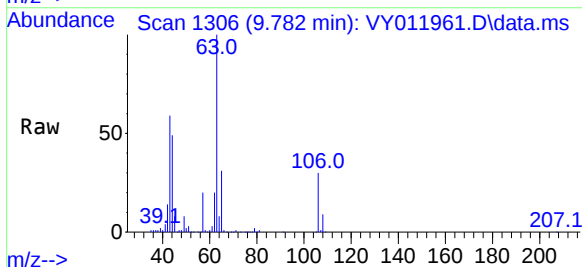
Acq: 21 Dec 2022 20:51

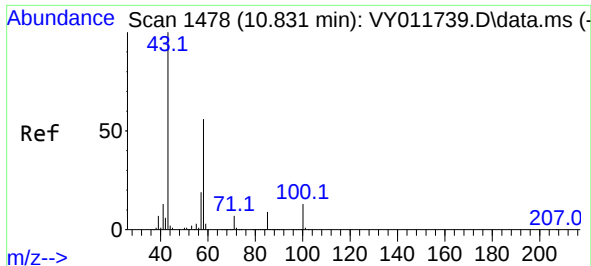
Tgt Ion: 63 Resp: 218097

Ion Ratio Lower Upper

63 100

106 30.1 23.2 34.8

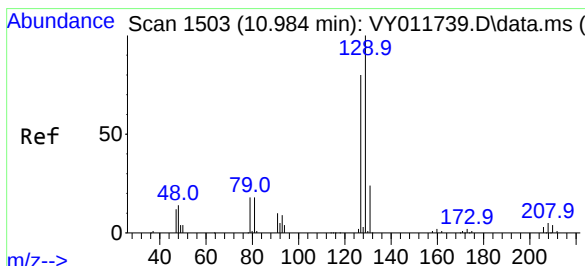
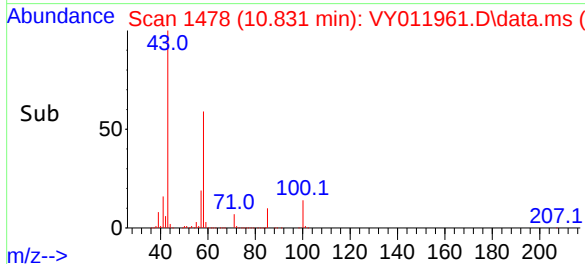
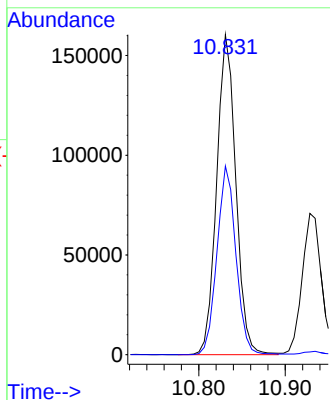
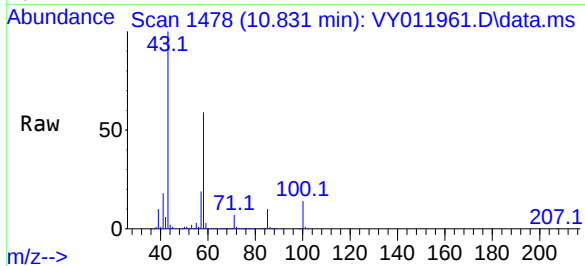




#59  
2-Hexanone  
Concen: 253.326 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

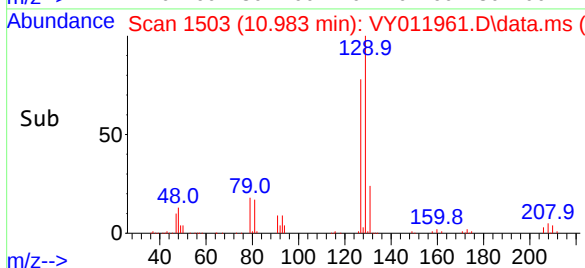
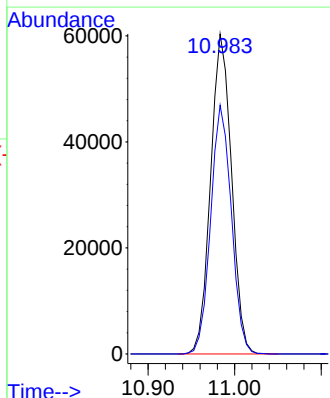
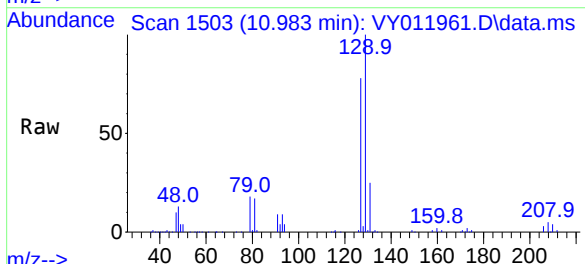
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

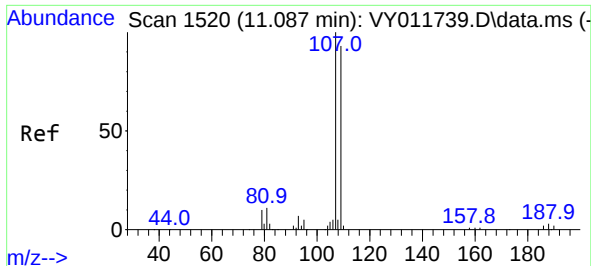
Tgt Ion: 43 Resp: 246631  
Ion Ratio Lower Upper  
43 100  
58 58.3 28.4 85.2



#60  
Dibromochloromethane  
Concen: 49.016 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 129 Resp: 101085  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.9 116.6

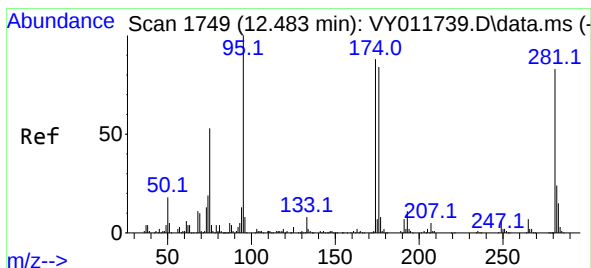
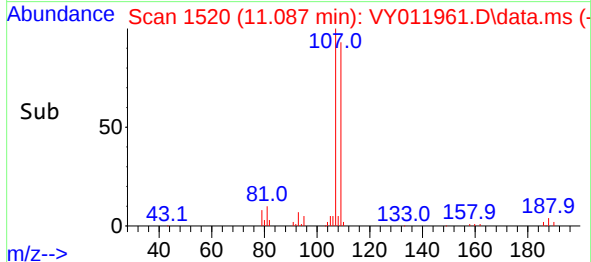
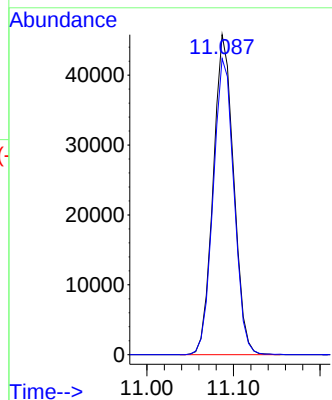
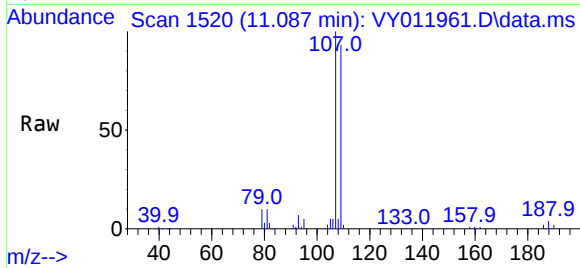




#61  
1,2-Dibromoethane  
Concen: 49.082 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

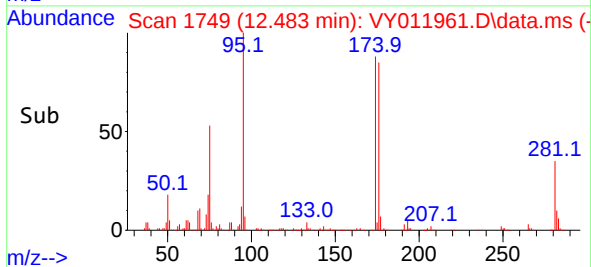
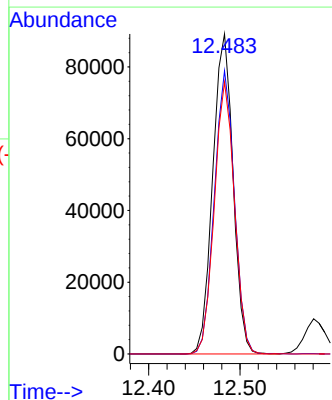
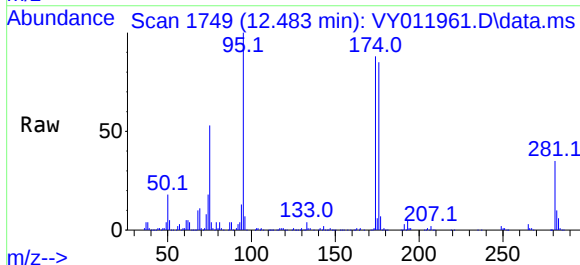
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

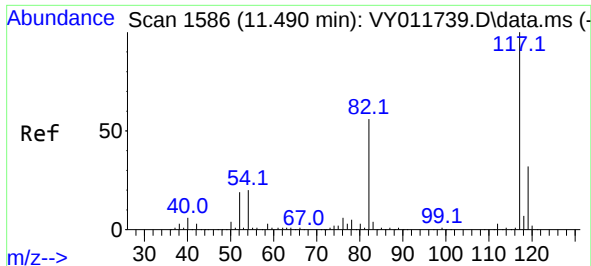
Tgt Ion:107 Resp: 75173  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 53.383 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 95 Resp: 137547  
Ion Ratio Lower Upper  
95 100  
174 87.5 0.0 172.0  
176 84.4 0.0 167.6

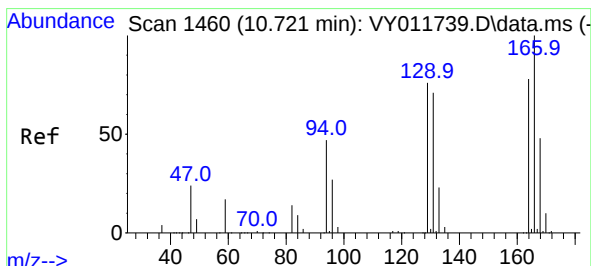
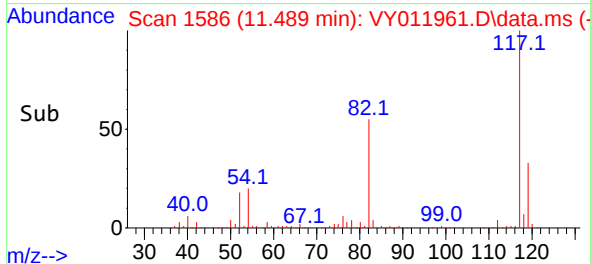
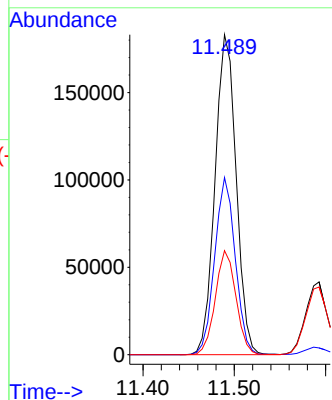
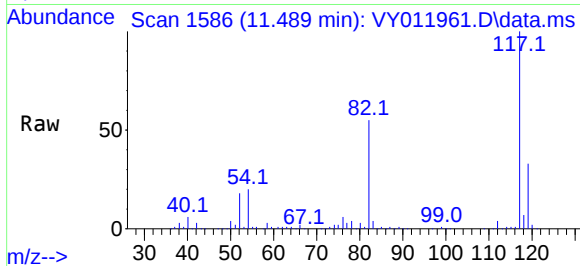




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

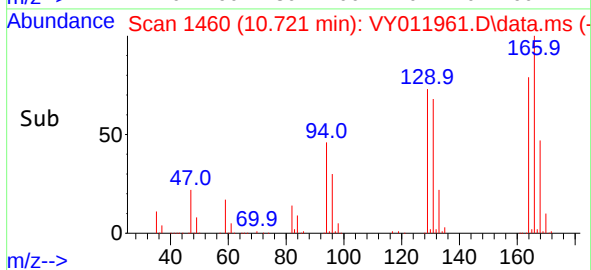
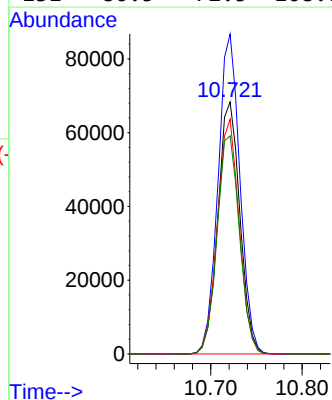
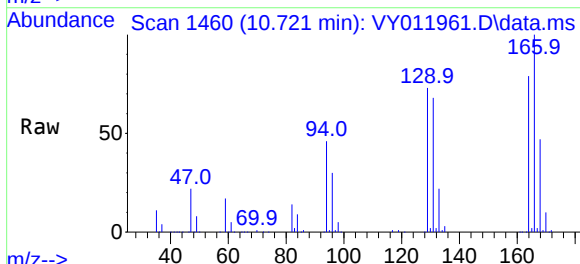
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

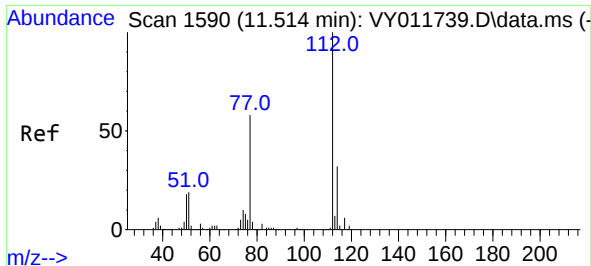
Tgt Ion:117 Resp: 294443  
Ion Ratio Lower Upper  
117 100  
82 55.4 44.8 67.2  
119 32.5 25.4 38.2



#64  
Tetrachloroethene  
Concen: 44.495 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:164 Resp: 114675  
Ion Ratio Lower Upper  
164 100  
166 127.0 102.3 153.5  
129 93.2 77.2 115.8  
131 86.5 72.5 108.7

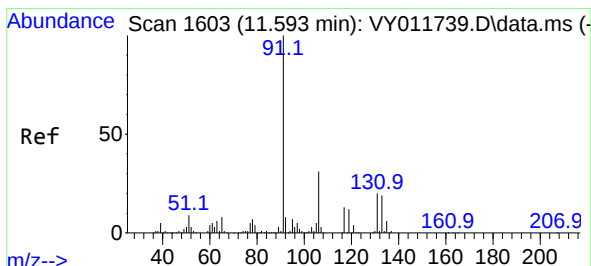
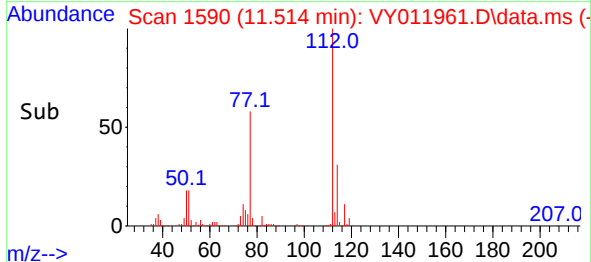
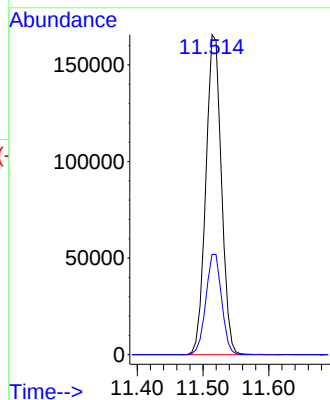
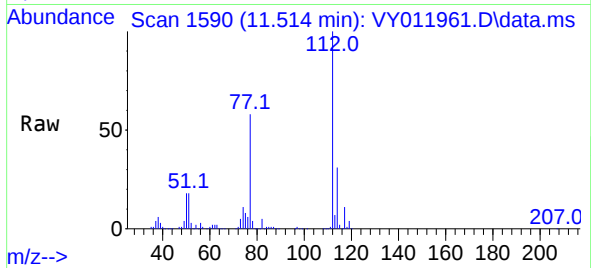




#65  
Chlorobenzene  
Concen: 44.622 ug/l  
RT: 11.514 min Scan# 11590  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

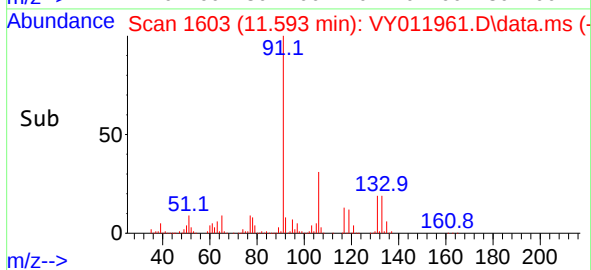
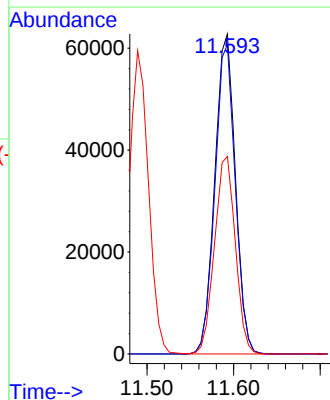
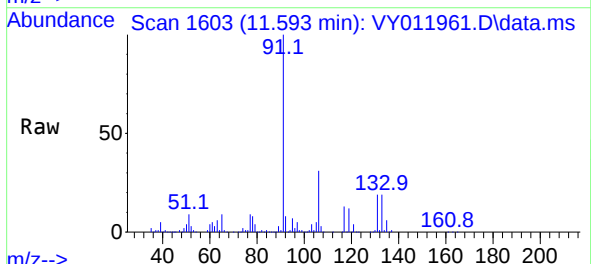
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

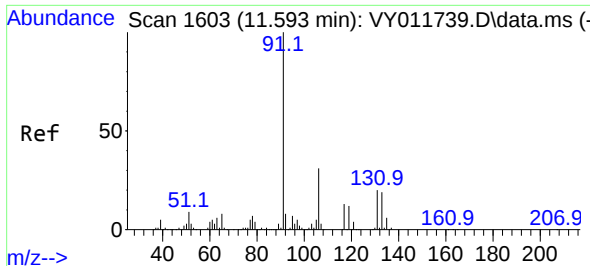
Tgt Ion:112 Resp: 272804  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 45.521 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:131 Resp: 103544  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.3 142.0  
119 62.6 32.1 96.3





#67

Ethyl Benzene

Concen: 44.038 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

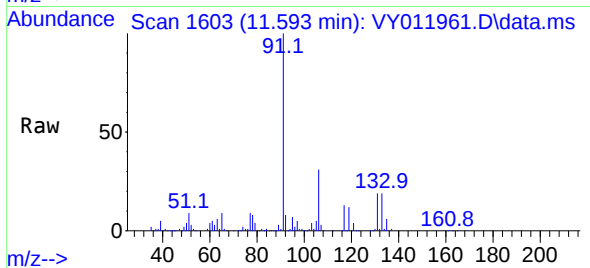
VSTDCCC050EC

Tgt Ion: 91 Resp: 486668

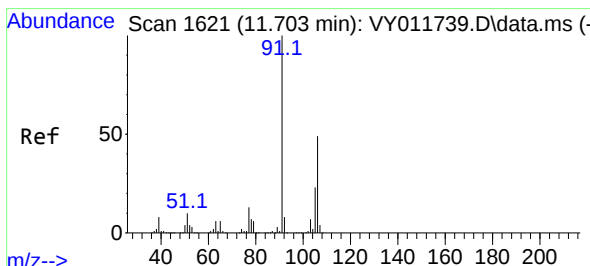
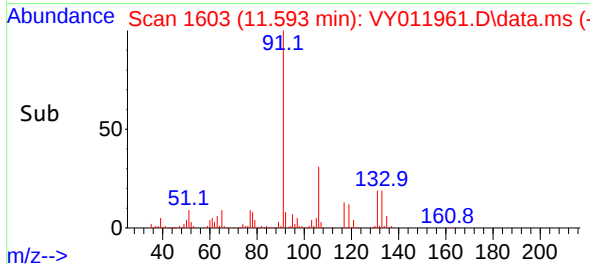
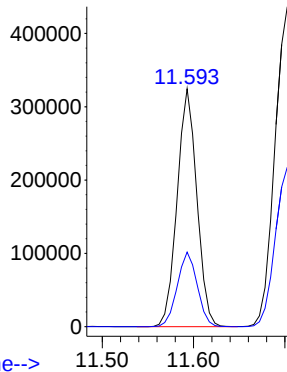
Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



Abundance



#68

m/p-Xylenes

Concen: 89.650 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011961.D

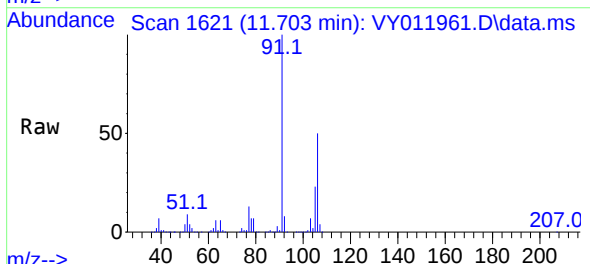
Acq: 21 Dec 2022 20:51

Tgt Ion:106 Resp: 385302

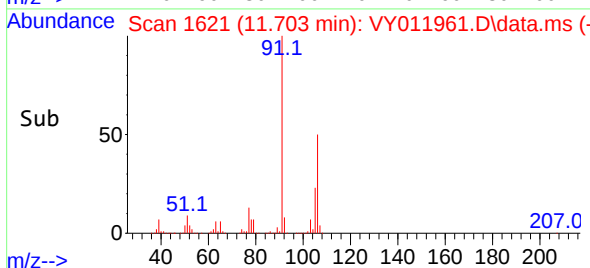
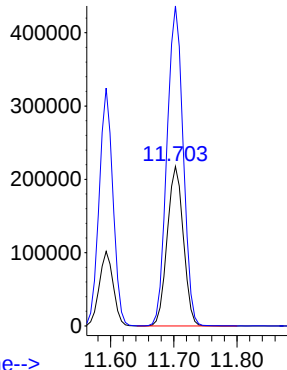
Ion Ratio Lower Upper

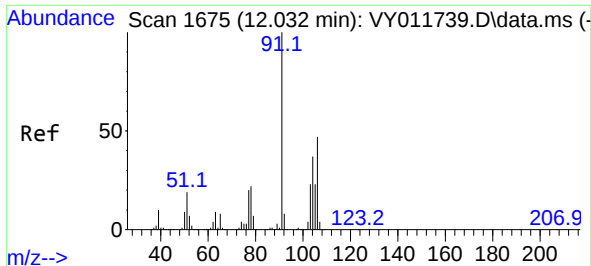
106 100

91 201.8 162.5 243.7



Abundance

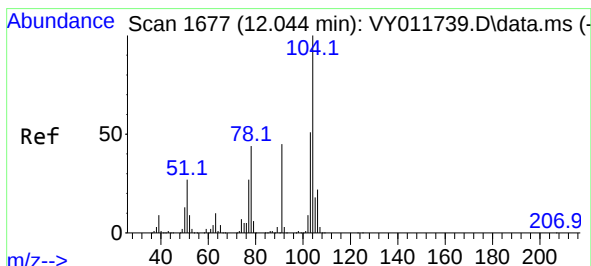
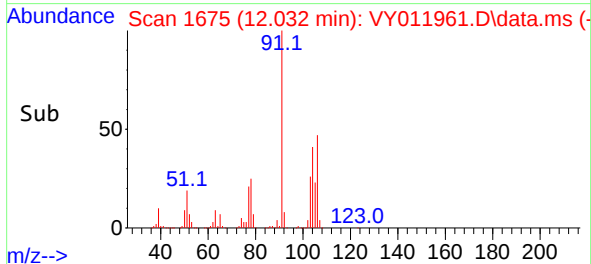
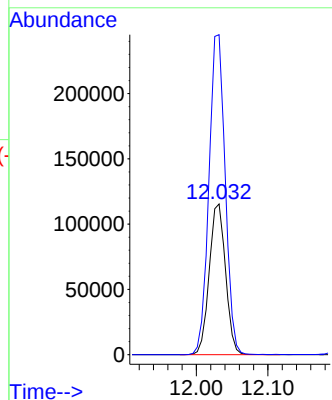
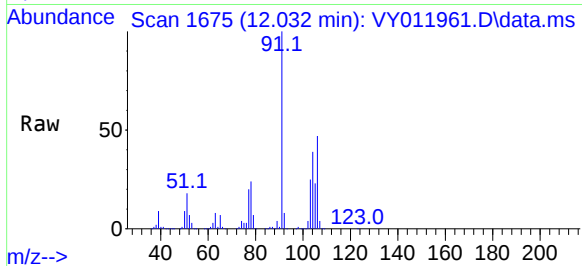




#69  
o-Xylene  
Concen: 45.634 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

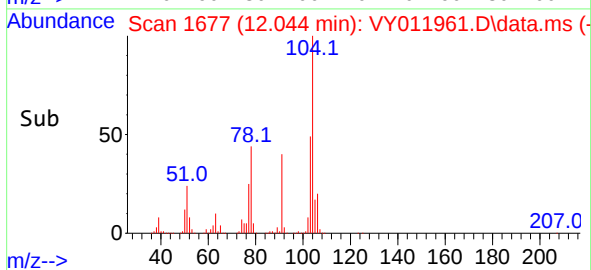
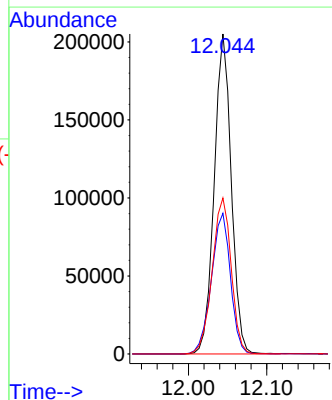
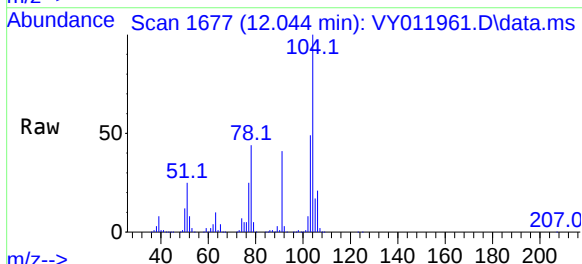
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

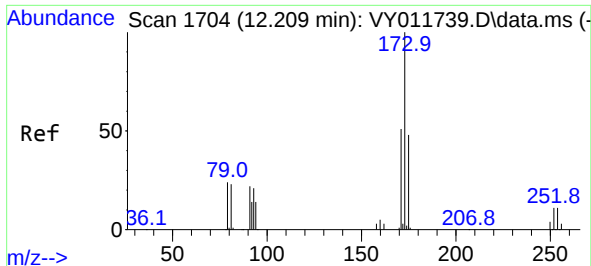
Tgt Ion:106 Resp: 182486  
Ion Ratio Lower Upper  
106 100  
91 212.2 107.5 322.4



#70  
Styrene  
Concen: 46.263 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:104 Resp: 310630  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.4 59.0  
103 54.3 43.0 64.4

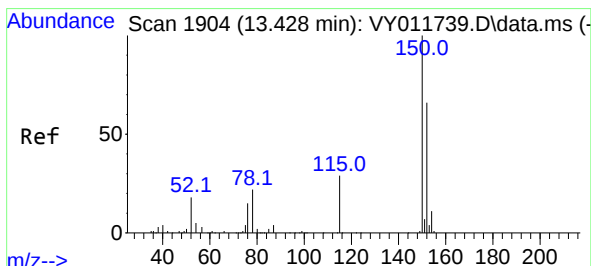
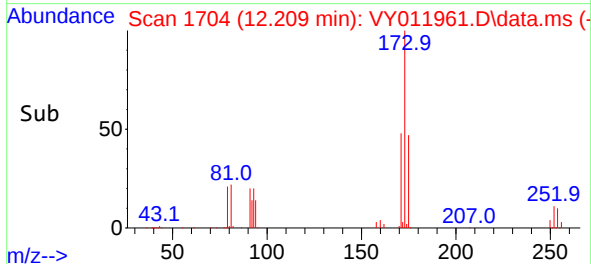
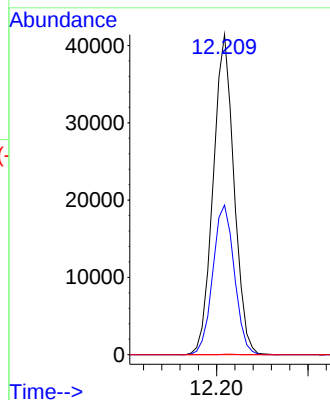
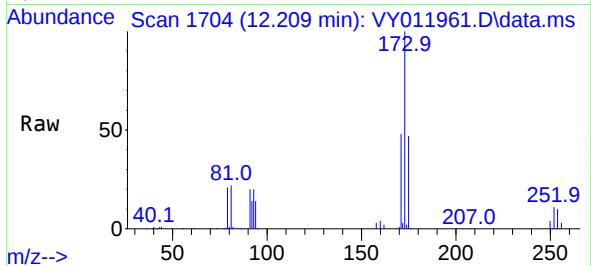




#71  
Bromoform  
Concen: 48.520 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

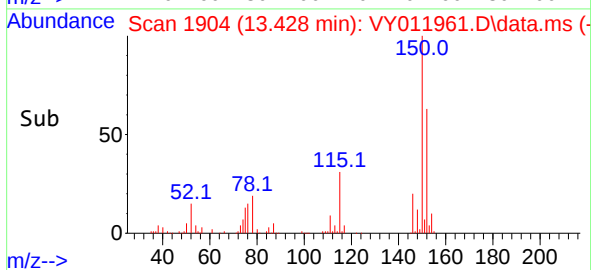
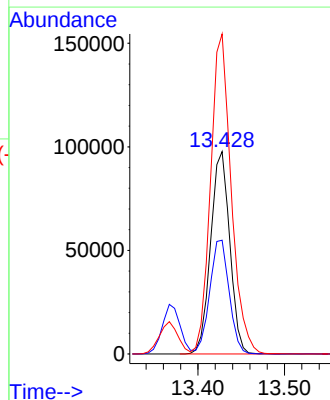
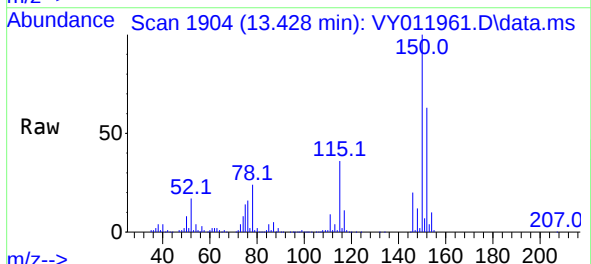
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

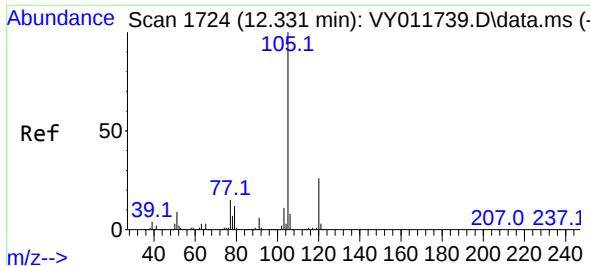
Tgt Ion:173 Resp: 65398  
Ion Ratio Lower Upper  
173 100  
175 48.4 23.8 71.5  
254 0.1 0.1 0.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:152 Resp: 149790  
Ion Ratio Lower Upper  
152 100  
115 57.4 29.1 87.3  
150 170.7 0.0 342.6

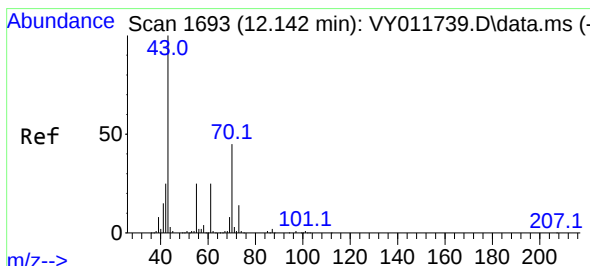
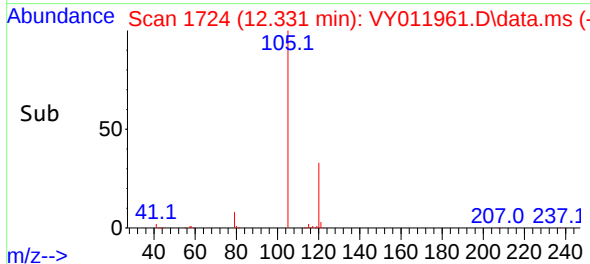
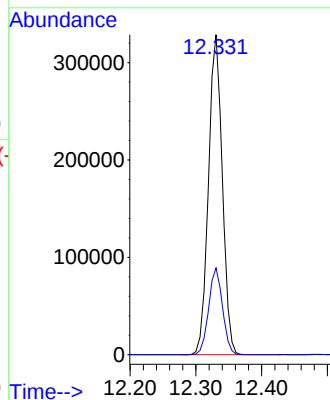
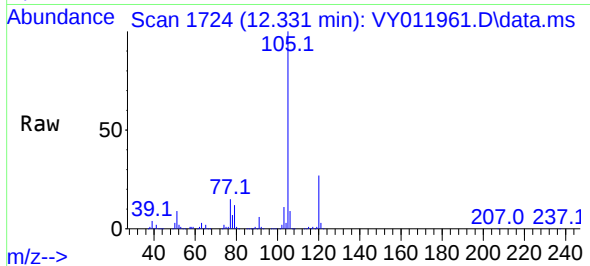




#73  
Isopropylbenzene  
Concen: 43.256 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

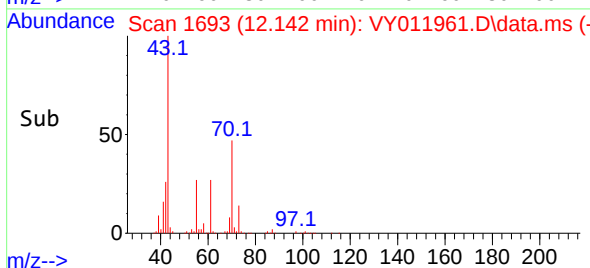
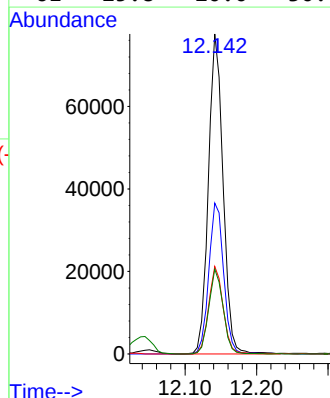
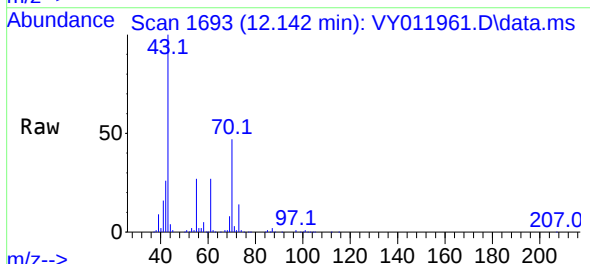
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

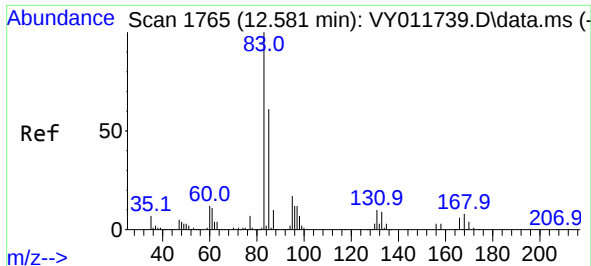
Tgt Ion:105 Resp: 480808  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.2 39.6



#74  
N-ethyl acetate  
Concen: 48.561 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 43 Resp: 110661  
Ion Ratio Lower Upper  
43 100  
70 48.0 35.8 53.8  
55 27.1 21.0 31.4  
61 25.8 20.0 30.0

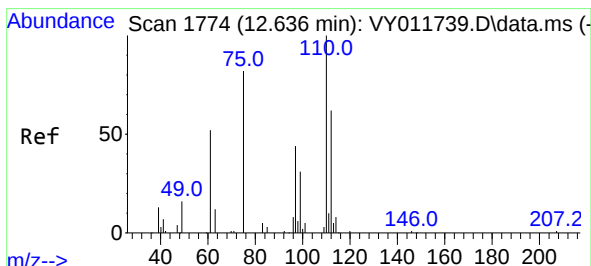
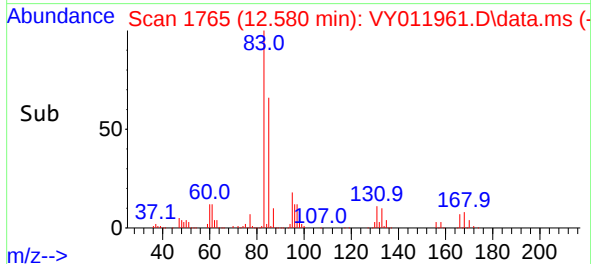
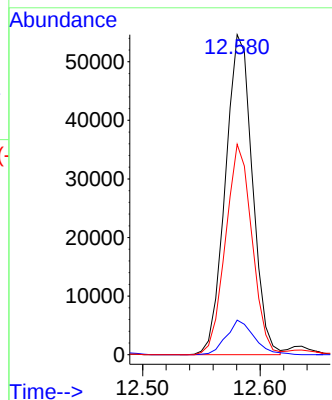
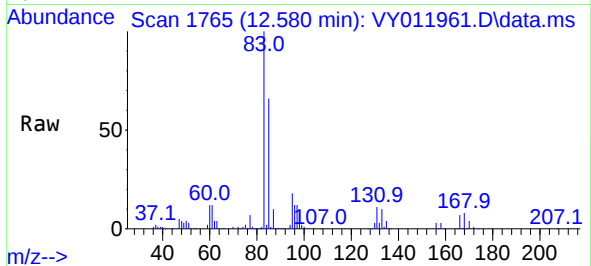




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.071 ug/l  
RT: 12.580 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

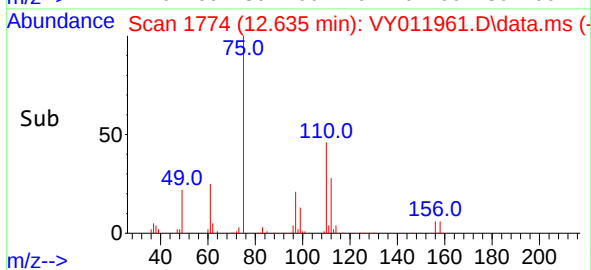
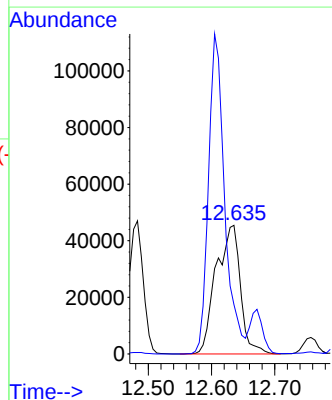
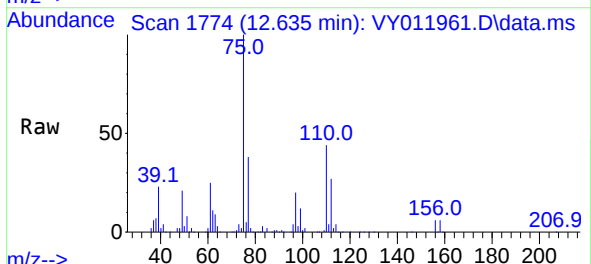
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

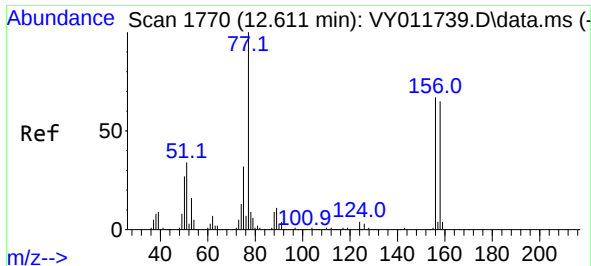
Tgt Ion: 83 Resp: 87285  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.6 16.8  
85 64.5 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 65.163 ug/l  
RT: 12.635 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 75 Resp: 121457  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

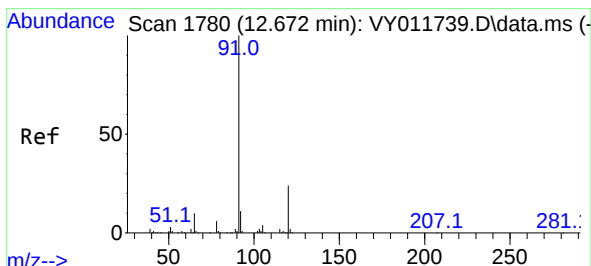
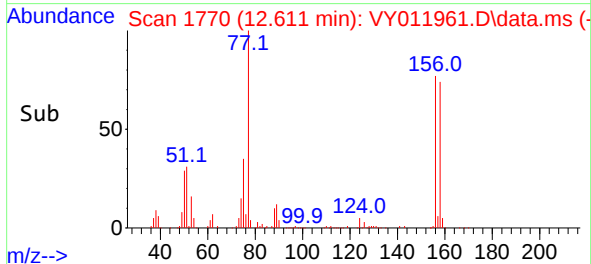
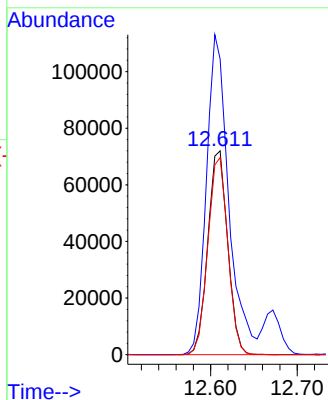
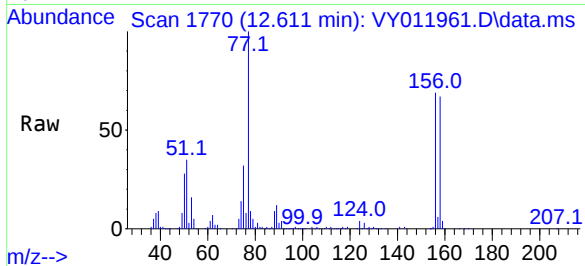




#77  
Bromobenzene  
Concen: 44.695 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

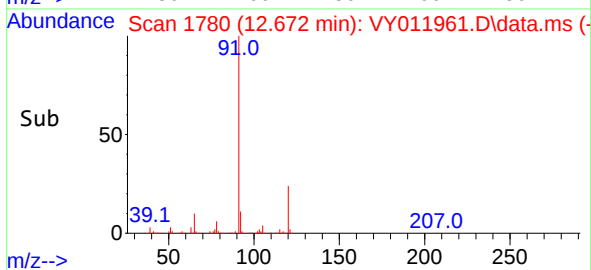
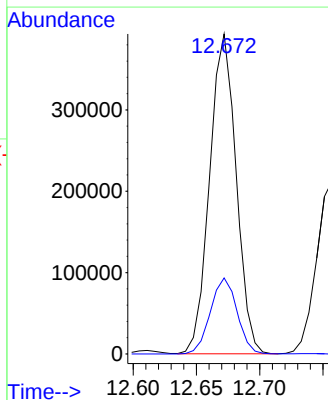
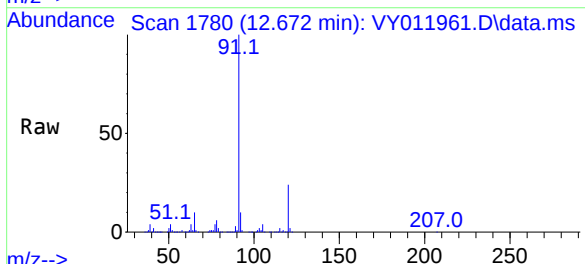
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

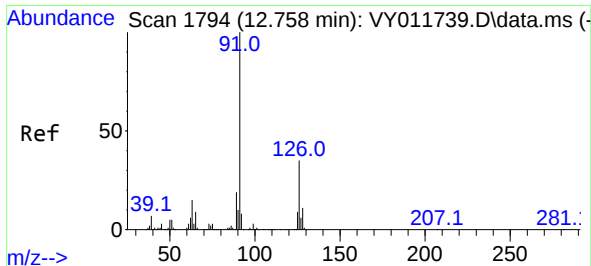
Tgt Ion:156 Resp: 114934  
Ion Ratio Lower Upper  
156 100  
77 175.8 90.0 270.0  
158 97.1 48.4 145.2



#78  
n-propylbenzene  
Concen: 42.916 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 91 Resp: 573390  
Ion Ratio Lower Upper  
91 100  
120 23.9 11.8 35.4





#79

2-Chlorotoluene

Concen: 43.788 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

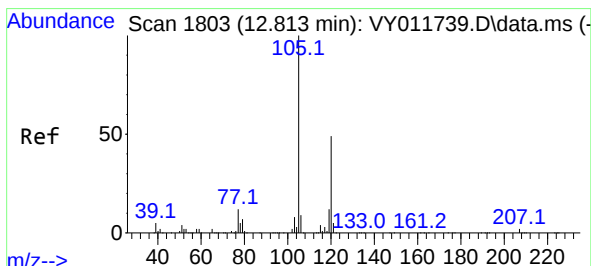
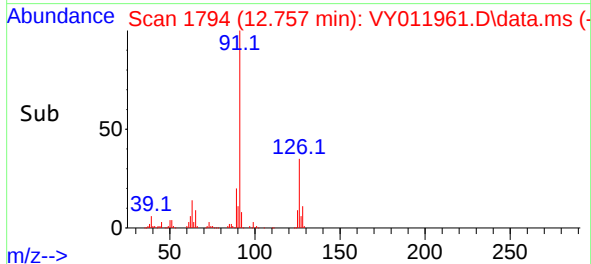
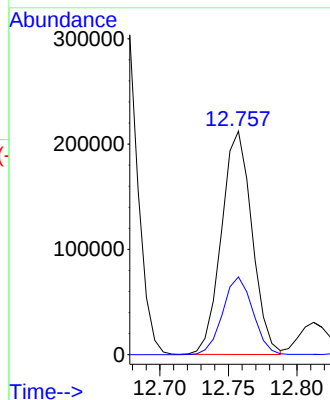
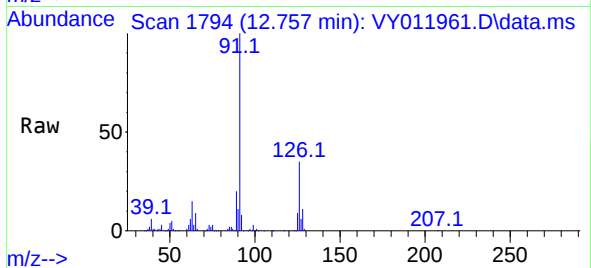
VSTDCCC050EC

Tgt Ion: 91 Resp: 328859

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 44.082 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011961.D

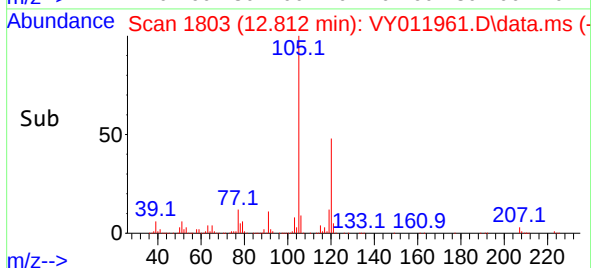
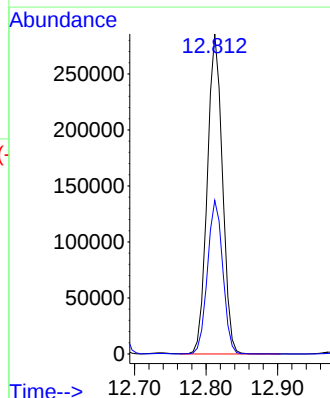
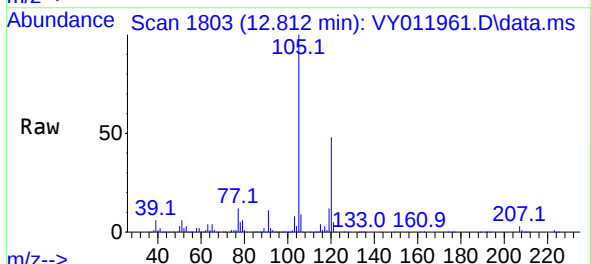
Acq: 21 Dec 2022 20:51

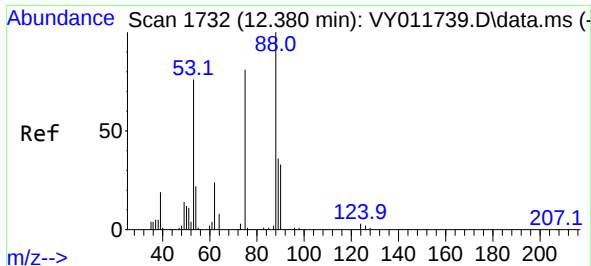
Tgt Ion:105 Resp: 419512

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6

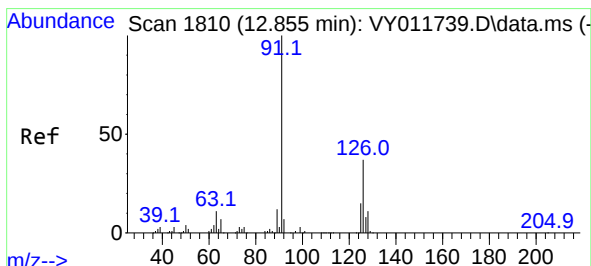
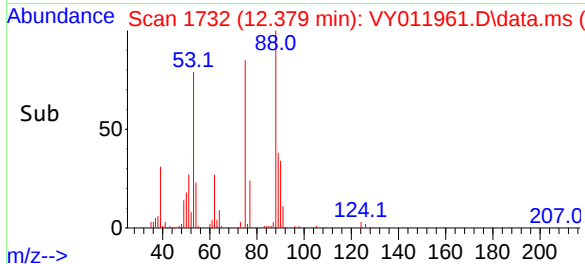
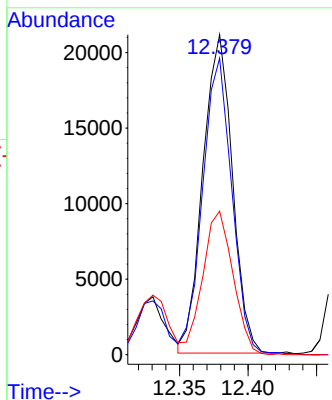
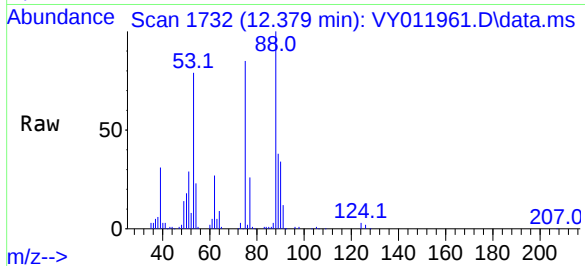




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.347 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

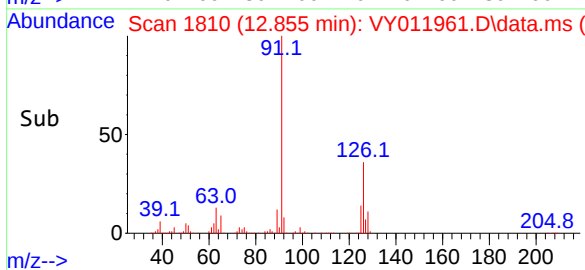
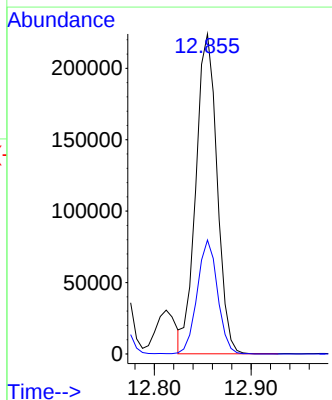
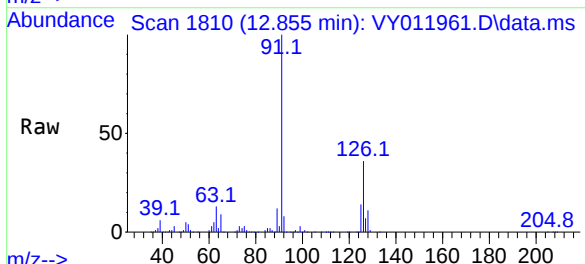
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

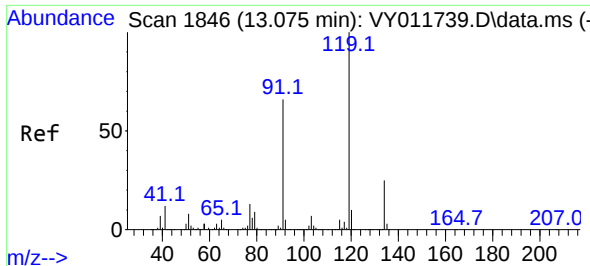
Tgt Ion: 75 Resp: 31545  
Ion Ratio Lower Upper  
75 100  
53 92.8 72.5 108.7  
89 46.7 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 43.897 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 91 Resp: 341111  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.1 51.2

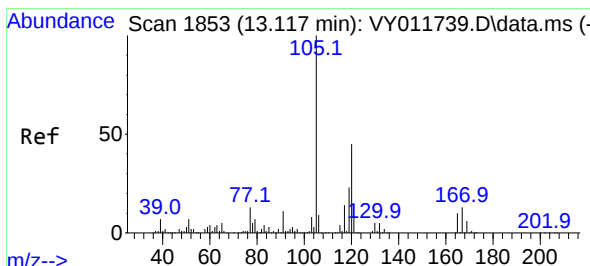
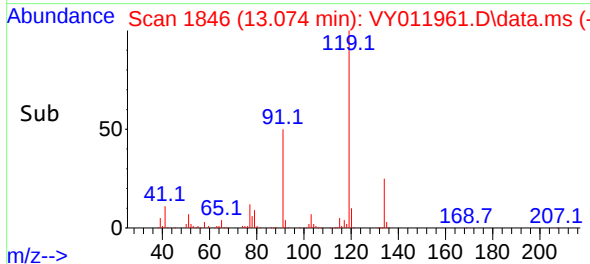
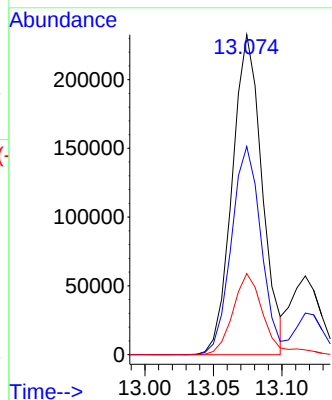
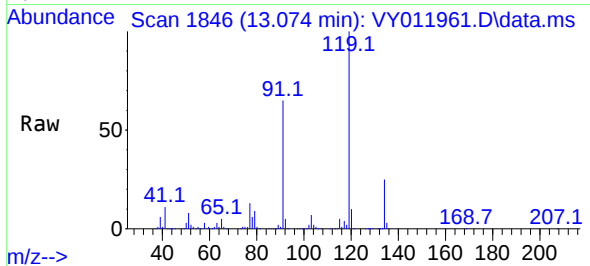




#83  
tert-Butylbenzene  
Concen: 43.844 ug/l  
RT: 13.074 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

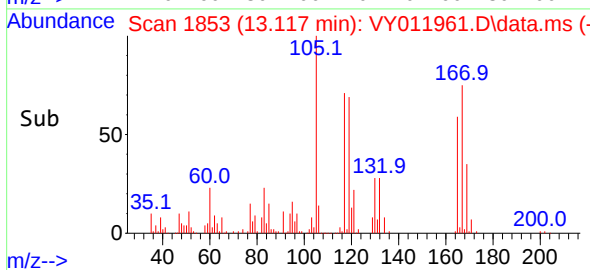
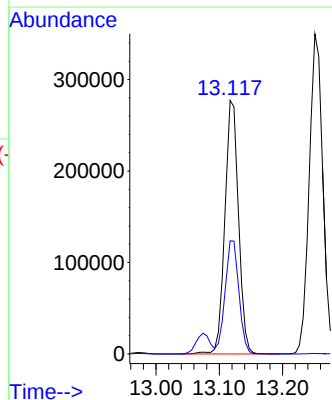
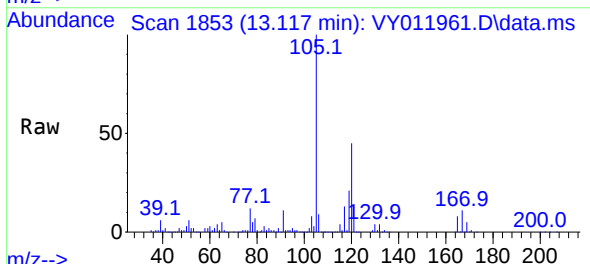
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

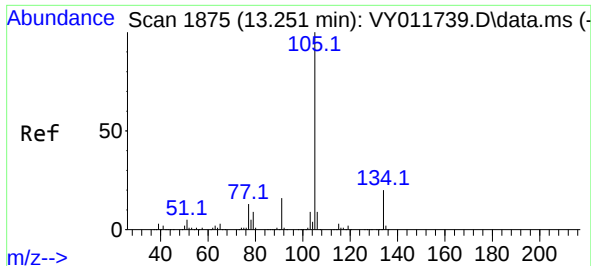
Tgt Ion:119 Resp: 353614  
Ion Ratio Lower Upper  
119 100  
91 64.5 32.3 96.8  
134 26.0 13.0 39.0



#84  
1,2,4-Trimethylbenzene  
Concen: 44.237 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:105 Resp: 414155  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.9 68.7

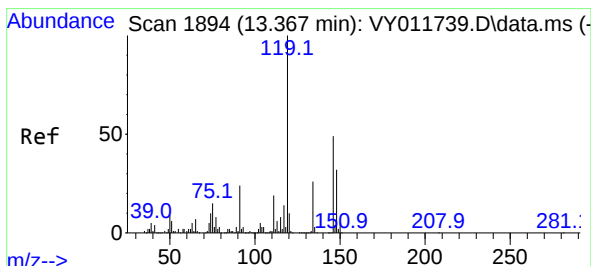
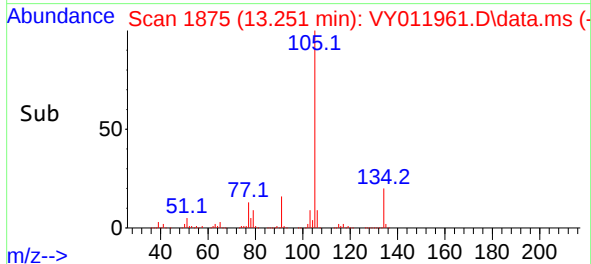
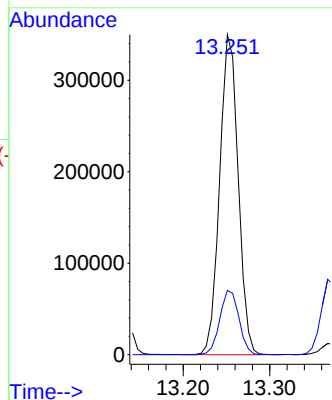
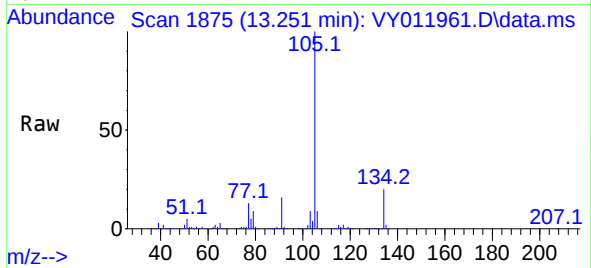




#85  
sec-Butylbenzene  
Concen: 43.147 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

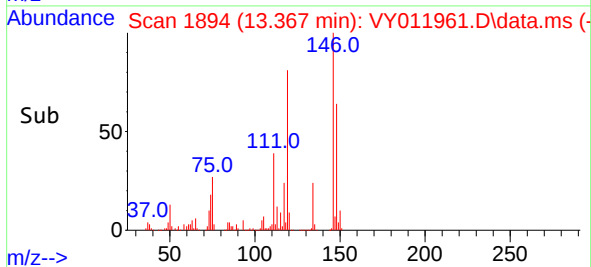
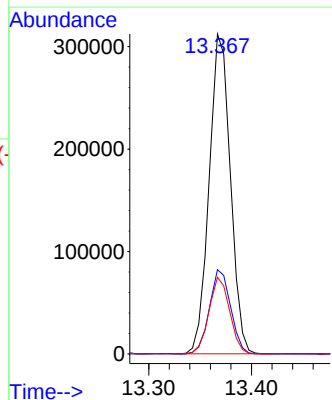
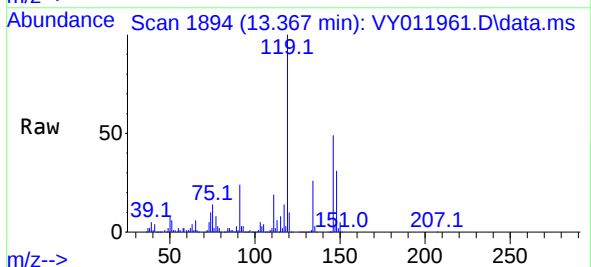
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:105 Resp: 519633  
Ion Ratio Lower Upper  
105 100  
134 20.7 10.1 30.3



#86  
p-Isopropyltoluene  
Concen: 43.995 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:119 Resp: 447080  
Ion Ratio Lower Upper  
119 100  
134 26.3 13.0 39.0  
91 23.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 43.900 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

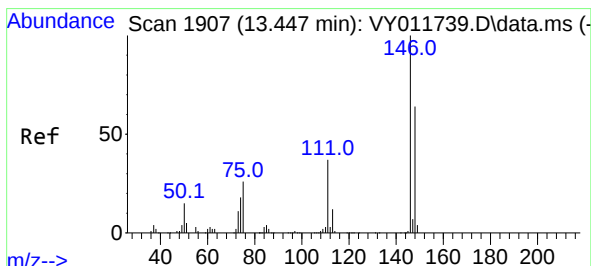
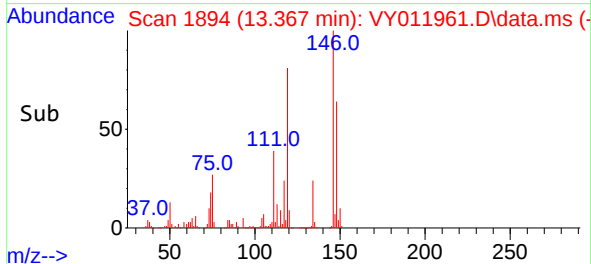
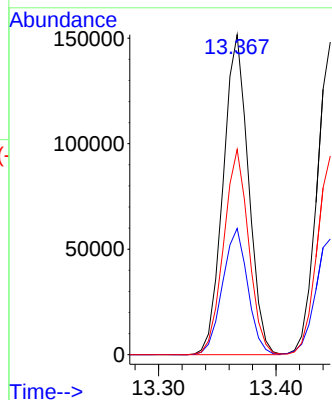
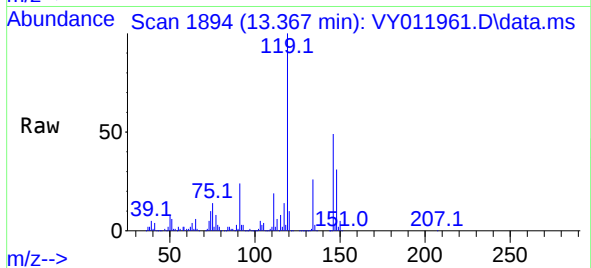
Tgt Ion:146 Resp: 227032

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 43.589 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

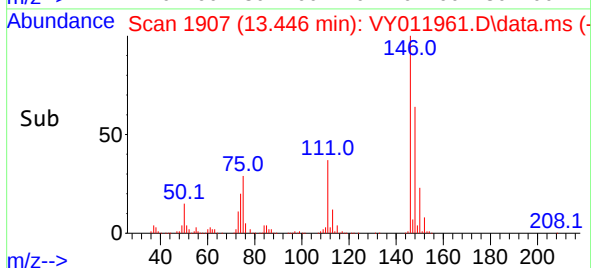
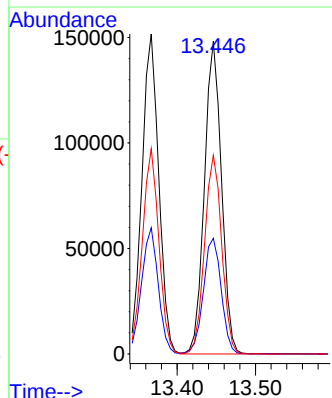
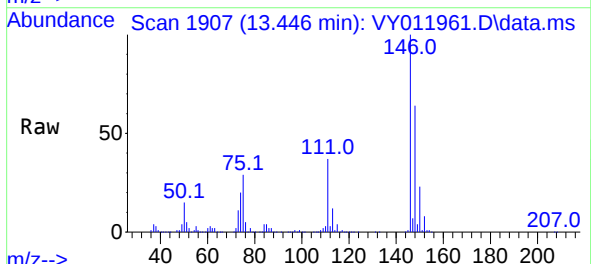
Tgt Ion:146 Resp: 224103

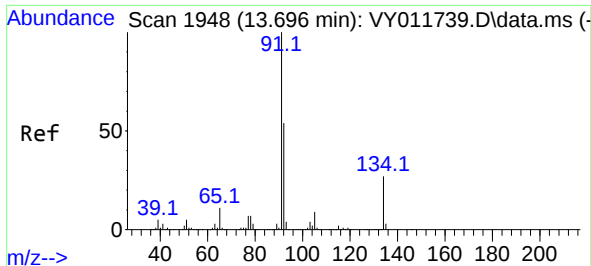
Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 43.120 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

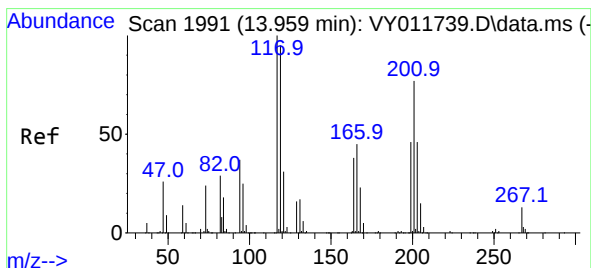
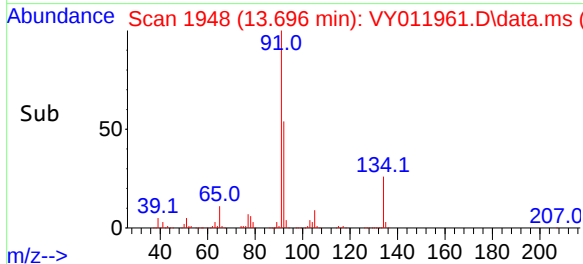
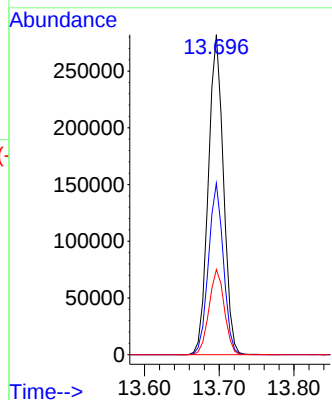
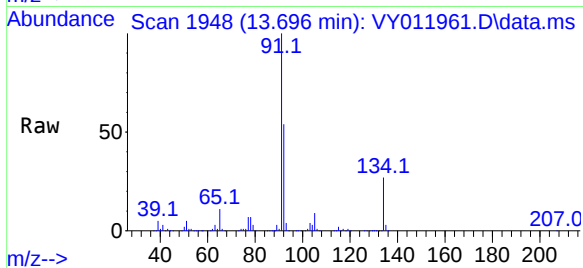
Tgt Ion: 91 Resp: 396674

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.4

134 26.9 13.3 39.8



#90

Hexachloroethane

Concen: 43.501 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011961.D

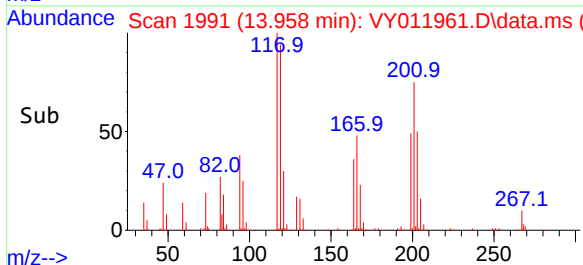
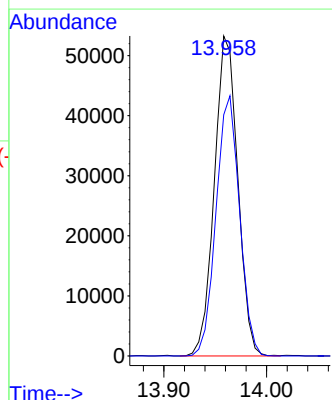
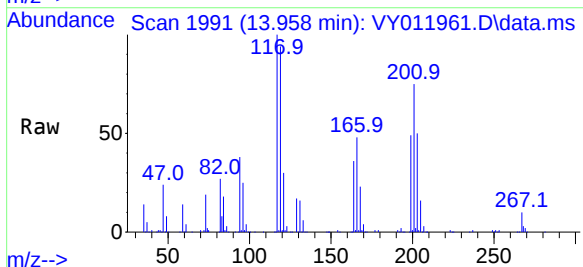
Acq: 21 Dec 2022 20:51

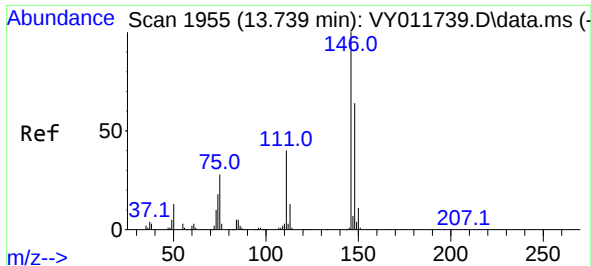
Tgt Ion: 117 Resp: 84348

Ion Ratio Lower Upper

117 100

201 81.5 40.3 120.8

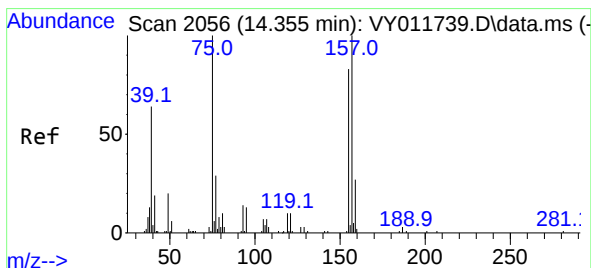
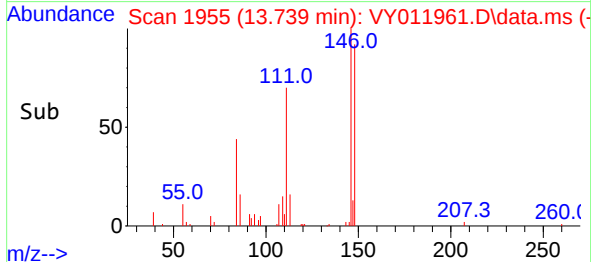
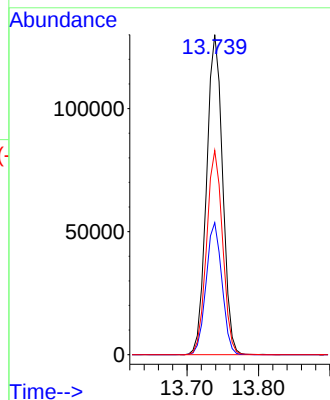
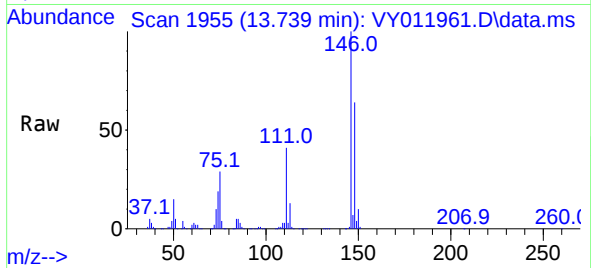




#91  
1,2-Dichlorobenzene  
Concen: 44.904 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

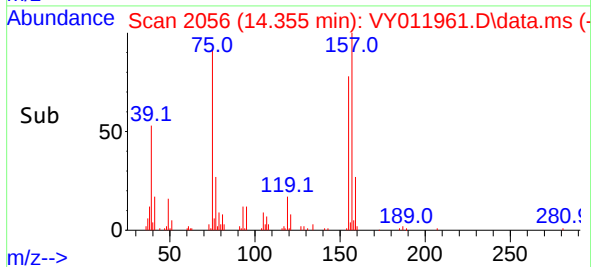
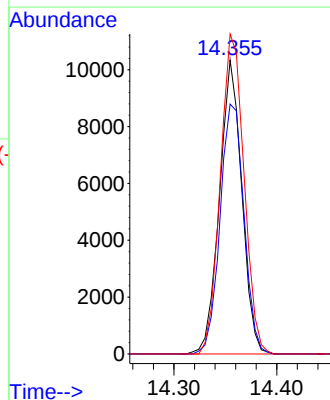
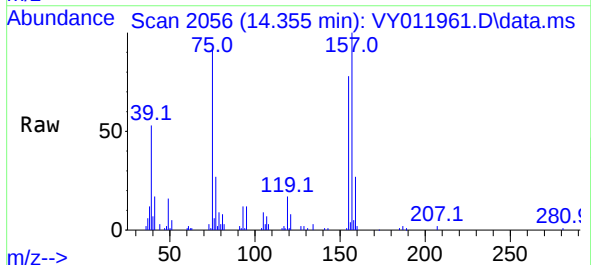
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

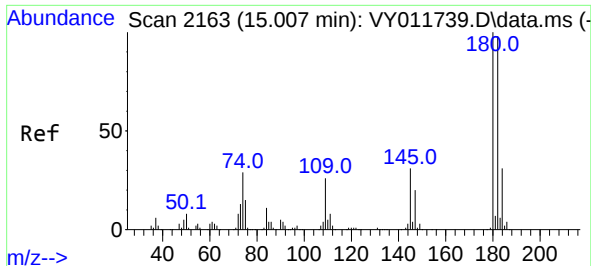
Tgt Ion:146 Resp: 202457  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.3 60.8  
148 63.8 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.711 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion: 75 Resp: 15523  
Ion Ratio Lower Upper  
75 100  
155 91.1 42.3 126.8  
157 115.7 54.4 163.3

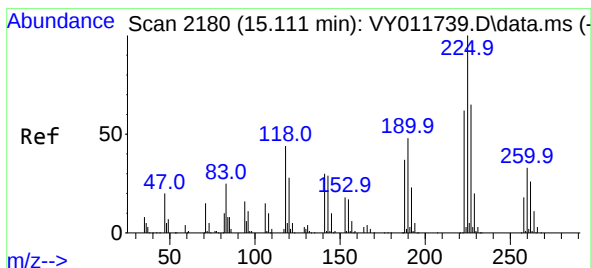
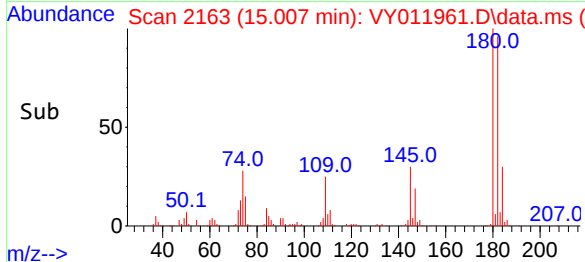
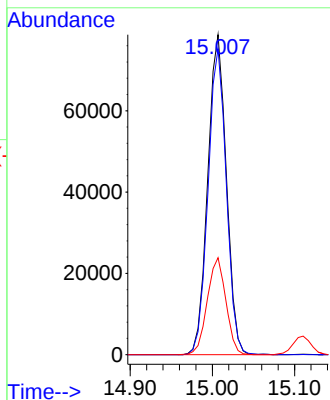
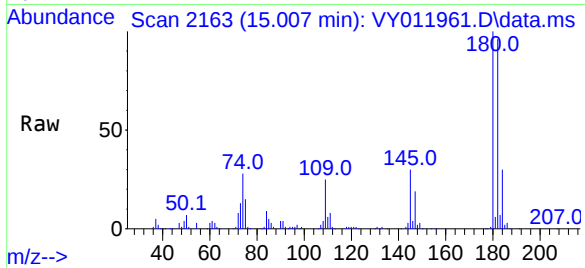




#93  
1,2,4-Trichlorobenzene  
Concen: 46.566 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

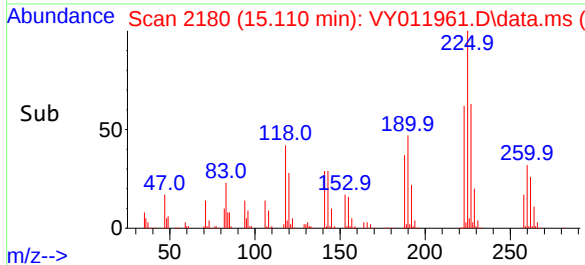
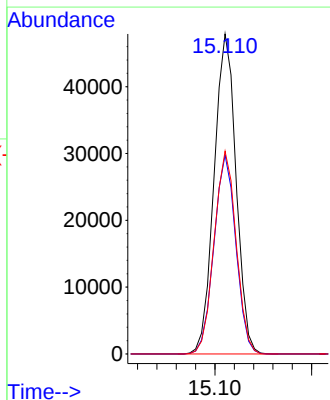
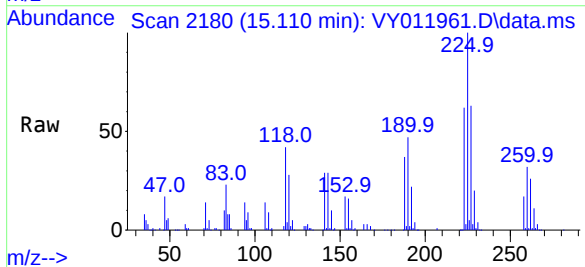
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

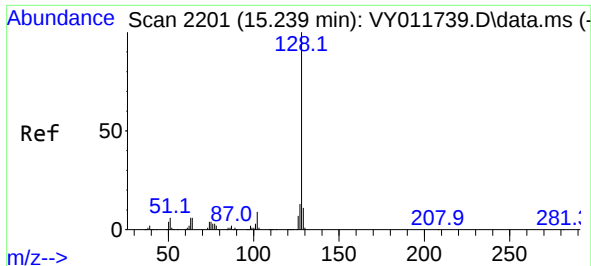
Tgt Ion:180 Resp: 123502  
Ion Ratio Lower Upper  
180 100  
182 94.2 48.1 144.3  
145 30.4 15.4 46.4



#94  
Hexachlorobutadiene  
Concen: 44.006 ug/l  
RT: 15.110 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:225 Resp: 75415  
Ion Ratio Lower Upper  
225 100  
223 61.9 31.4 94.2  
227 63.4 32.6 97.8

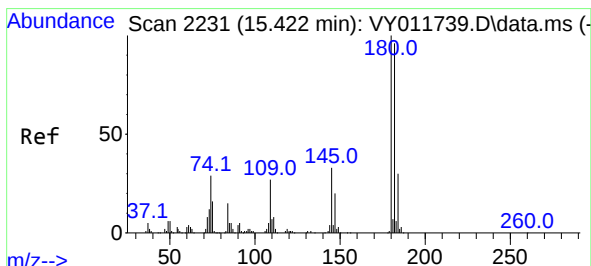
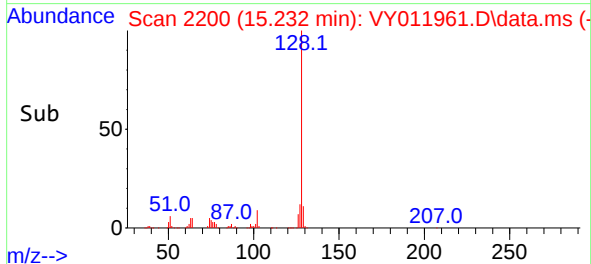
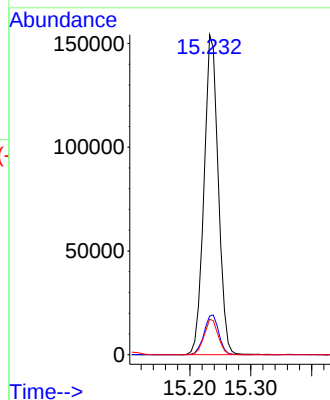
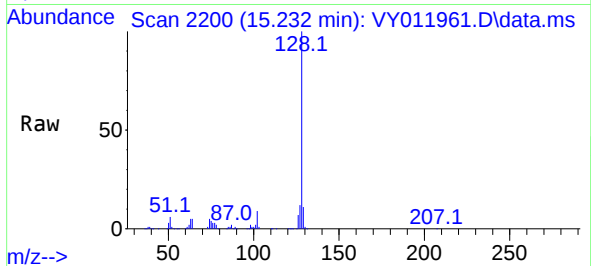




#95  
Naphthalene  
Concen: 45.756 ug/l  
RT: 15.232 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 251041  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 48.322 ug/l  
RT: 15.421 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY011961.D  
Acq: 21 Dec 2022 20:51

Tgt Ion:180 Resp: 108355  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.9 143.7  
145 32.3 16.1 48.2

