

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101022\  
 Data File : VY010900.D  
 Acq On : 10 Oct 2022 18:57  
 Operator : KP/MD  
 Sample : N5067-16  
 Misc : 5.95g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 11 09:46:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 07:26:22 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 290104   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 487896   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 410461   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 165293   | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 188107   | 63.970   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 127.940% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 168434   | 52.007   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.020% |      |
| 50) Toluene-d8              | 10.179 | 98    | 662073   | 59.776   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 119.560% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 203535   | 46.801   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 93.600%  |      |

|                               |        |     |          |           |      |        |
|-------------------------------|--------|-----|----------|-----------|------|--------|
| Target Compounds              |        |     |          |           |      | Qvalue |
| 11) Tert butyl alcohol        | 4.924  | 59  | 105      | Below Cal | #    | 77     |
| 13) Acrolein                  | 3.710  | 56  | 761      | Below Cal | #    | 1      |
| 16) Acetone                   | 3.948  | 43  | 32174    | 43.081    | ug/l | 91     |
| 17) Carbon Disulfide          | 4.192  | 76  | 80336    | 9.064     | ug/l | 100    |
| 20) Methylene Chloride        | 4.716  | 84  | 26732    | 3.292     | ug/l | 85     |
| 25) 2-Butanone                | 6.990  | 43  | 11190    | 10.422    | ug/l | 93     |
| 28) Bromochloromethane        | 7.539  | 49  | 430      | 4.903     | ug/l | # 16   |
| 31) Cyclohexane               | 7.765  | 56  | 40642    | 7.722     | ug/l | # 63   |
| 36) 1,1-Dichloropropene       | 7.783  | 75  | 22182    | 4.744     | ug/l | # 50   |
| 37) Ethyl Acetate             | 6.990  | 43  | 11190    | 4.877     | ug/l | # 72   |
| 38) Carbon Tetrachloride      | 7.789  | 117 | 28975    | 5.950     | ug/l | # 15   |
| 39) Methylcyclohexane         | 9.179  | 83  | 159795   | 27.825    | ug/l | 95     |
| 40) Benzene                   | 8.161  | 78  | 15616362 | 1159.504  | ug/l | 94     |
| 41) Methacrylonitrile         | 7.344  | 41  | 1359     | 3.540     | ug/l | # 79   |
| 42) 1,2-Dichloroethane        | 8.161  | 62  | 142494   | 37.424    | ug/l | # 79   |
| 43) Isopropyl Acetate         | 8.264  | 43  | 8957     | 2.157     | ug/l | # 56   |
| 48) Methyl methacrylate       | 9.240  | 41  | 14713    | 7.544     | ug/l | # 56   |
| 51) 4-Methyl-2-Pentanone      | 10.173 | 43  | 12368    | 5.444     | ug/l | # 83   |
| 52) Toluene                   | 10.240 | 92  | 224689   | 26.214    | ug/l | 95     |
| 55) 1,1,2-Trichloroethane     | 10.618 | 97  | 45602    | 17.500    | ug/l | # 21   |
| 56) Ethyl methacrylate        | 10.520 | 69  | 16912    | 5.051     | ug/l | # 15   |
| 58) 2-Chloroethyl Vinyl ether | 9.764  | 63  | 1366     | 26.508    | ug/l | # 48   |
| 59) 2-Hexanone                | 10.801 | 43  | 61740    | 39.238    | ug/l | # 34   |
| 65) Chlorobenzene             | 11.666 | 112 | 37610    | 4.425     | ug/l | # 51   |
| 67) Ethyl Benzene             | 11.587 | 91  | 20714877 | 1354.152  | ug/l | # 29   |
| 68) m/p-Xylenes               | 11.703 | 106 | 8990792  | 1501.790  | ug/l | 80     |
| 69) o-Xylene                  | 12.026 | 106 | 2579626  | 460.874   | ug/l | 93     |
| 70) Styrene                   | 12.026 | 104 | 148667   | 15.760    | ug/l | # 1    |
| 73) Isopropylbenzene          | 12.331 | 105 | 3724901  | 306.535   | ug/l | 100    |
| 74) N-amyl acetate            | 12.124 | 43  | 39982    | 14.316    | ug/l | # 60   |
| 75) 1,1,2,2-Tetrachloroethane | 12.526 | 83  | 2298     | 1.012     | ug/l | # 1    |
| 76) 1,2,3-Trichloropropane    | 12.672 | 75  | 9201     | 5.497     | ug/l | # 100  |
| 78) n-propylbenzene           | 12.672 | 91  | 1645681  | 111.199   | ug/l | 99     |
| 79) 2-Chlorotoluene           | 12.764 | 91  | 331248   | 40.007    | ug/l | # 41   |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105 | 2231036  | 217.075   | ug/l | 99     |
| 81) trans-1,4-Dichloro-2-b... | 12.331 | 75  | 43032    | 53.701    | ug/l | # 55   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101022\  
 Data File : VY010900.D  
 Acq On : 10 Oct 2022 18:57  
 Operator : KP/MD  
 Sample : N5067-16  
 Misc : 5.95g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

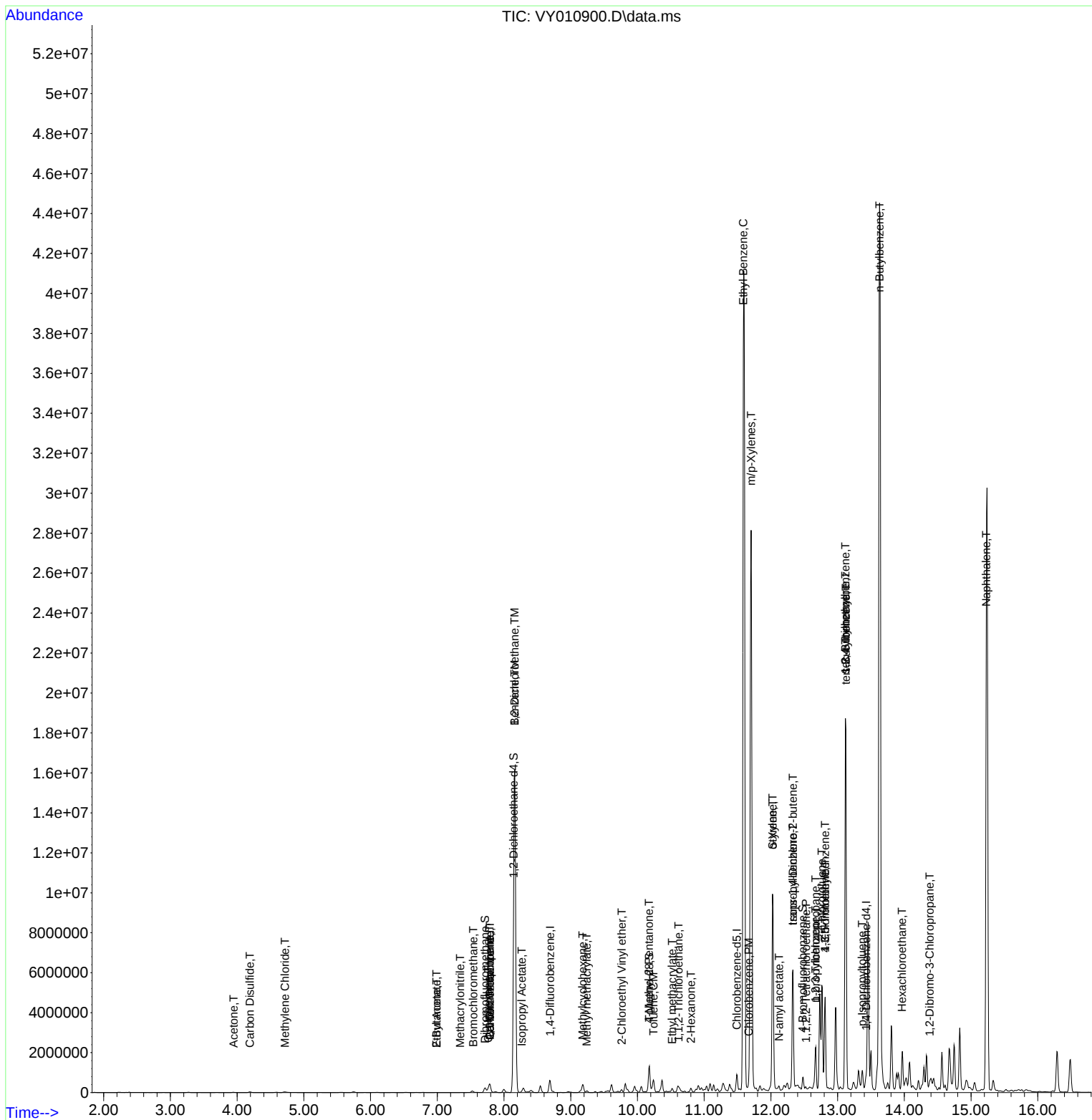
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

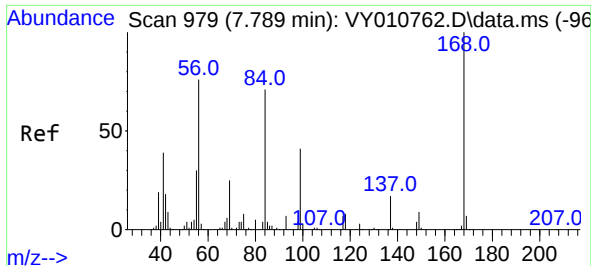
Quant Time: Oct 11 09:46:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 07:26:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| 82) 4-Chlorotoluene           | 12.812 | 91   | 234635   | 27.101   | ug/l # | 41       |
| 83) tert-Butylbenzene         | 13.123 | 119  | 1284089  | 146.550  | ug/l # | 69       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 9504791  | 940.630  | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.117 | 105  | 9504791  | 720.633  | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 391629   | 35.391   | ug/l # | 76       |
| 89) n-Butylbenzene            | 13.629 | 91   | 5816796  | 571.226  | ug/l # | 43       |
| 90) Hexachloroethane          | 13.965 | 117  | 149616   | 70.686   | ug/l # | 6        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.379 | 75   | 3507     | 9.606    | ug/l # | 6        |
| 95) Naphthalene               | 15.227 | 128  | 19933923 | 3614.636 | ug/l # | 81       |
| -----                         |        |      |          |          |        |          |

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

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Quant Title : SW846 8260  
QLast Update : Tue Oct 04 07:26:22 2022  
Response via : Initial Calibration

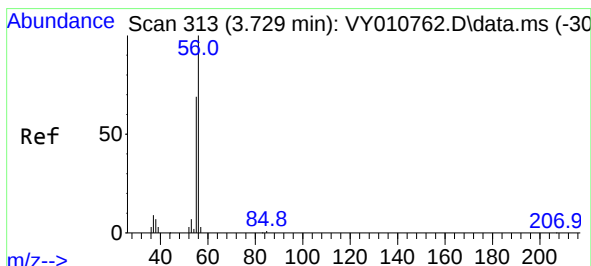
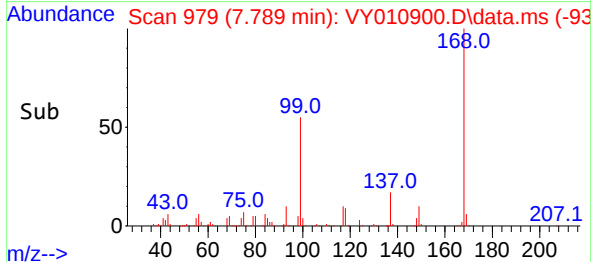
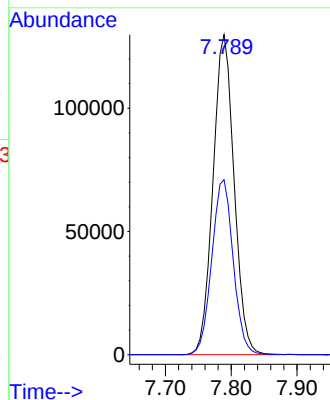
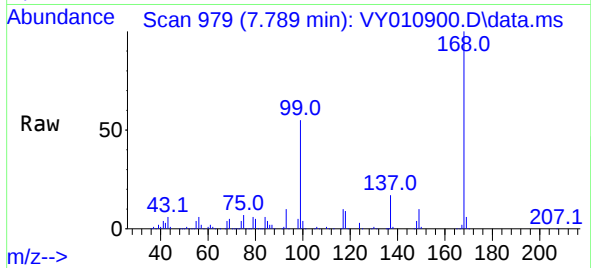




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

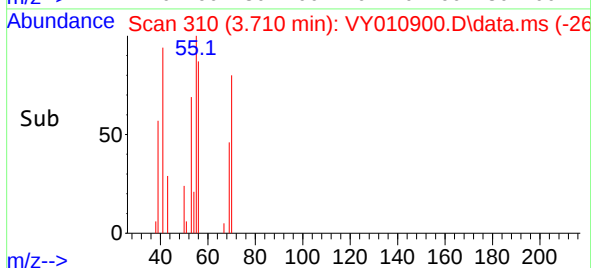
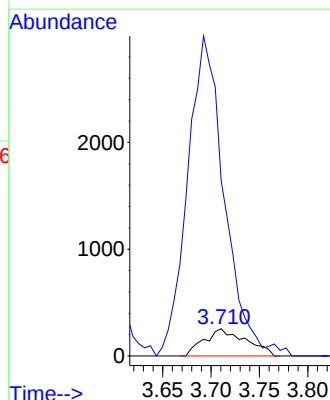
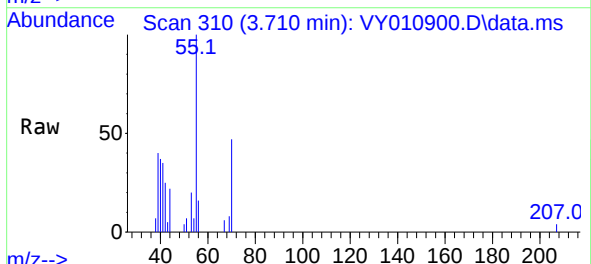
Instrument :  
MSVOA\_Y  
ClientSampleId :

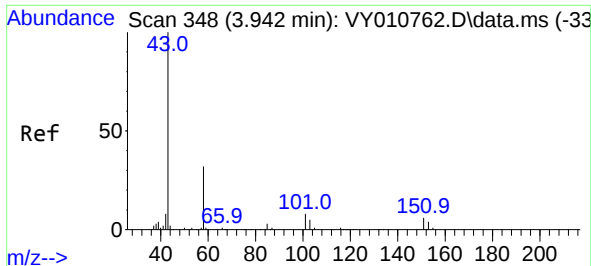
Tgt Ion:168 Resp: 290104  
Ion Ratio Lower Upper  
168 100  
99 54.7 46.9 70.3



#13  
Acrolein  
Concen: Below Cal  
RT: 3.710 min Scan# 310  
Delta R.T. -0.019 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 56 Resp: 761  
Ion Ratio Lower Upper  
56 100  
55 1044.0 57.6 86.4#

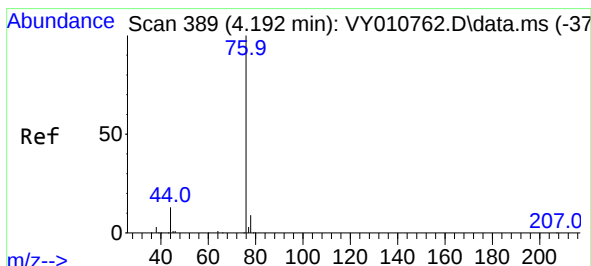
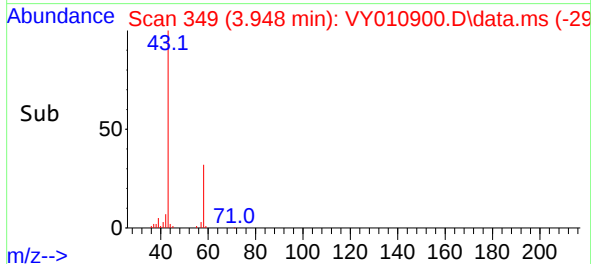
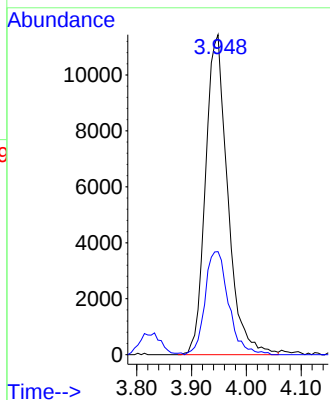
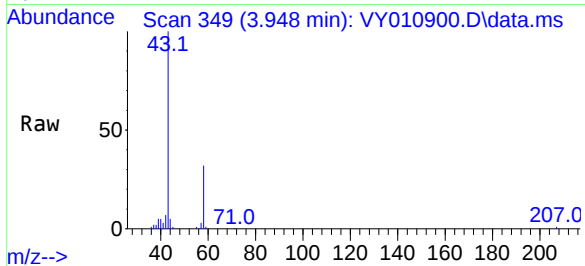




#16  
Acetone  
Concen: 43.081 ug/l  
RT: 3.948 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

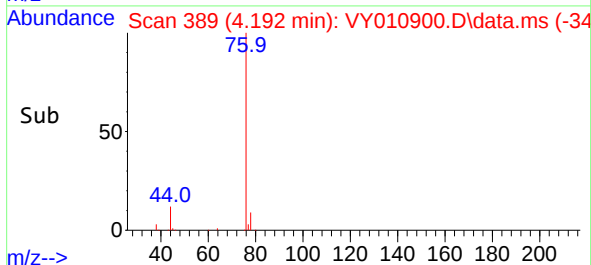
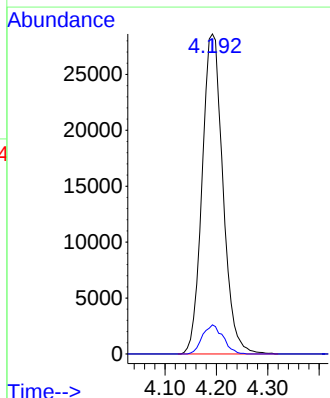
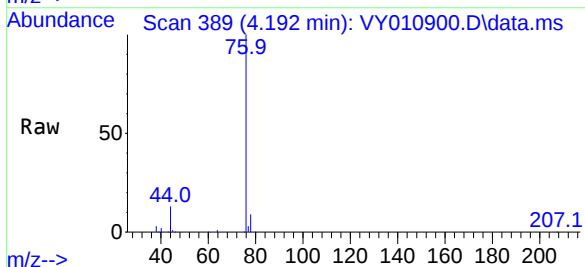
Instrument :  
MSVOA\_Y  
ClientSampleId :

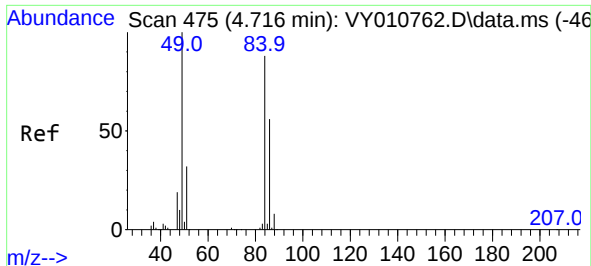
Tgt Ion: 43 Resp: 32174  
Ion Ratio Lower Upper  
43 100  
58 32.2 22.0 33.0



#17  
Carbon Disulfide  
Concen: 9.064 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

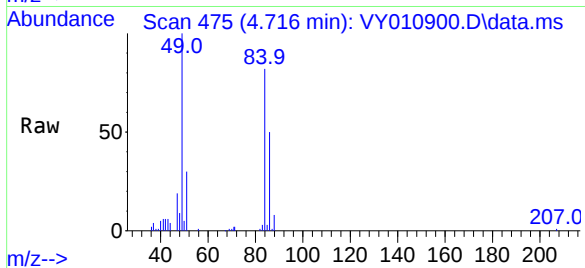
Tgt Ion: 76 Resp: 80336  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0





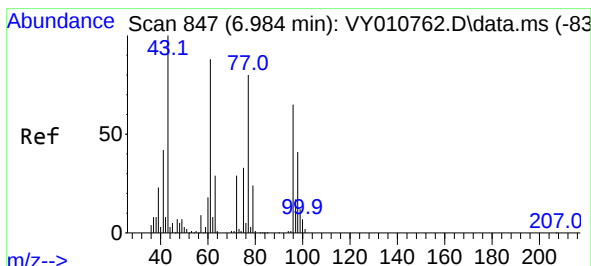
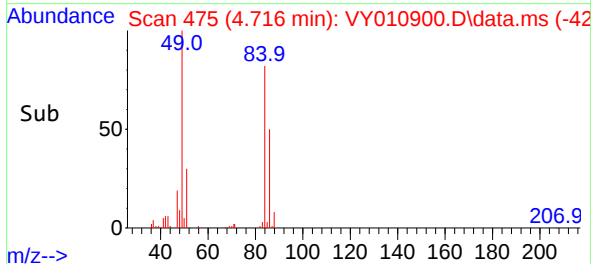
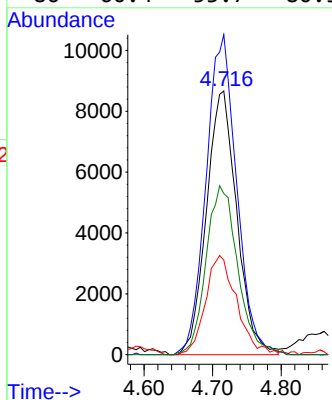
#20  
Methylene Chloride  
Concen: 3.292 ug/l  
RT: 4.716 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 84 Resp: 26732

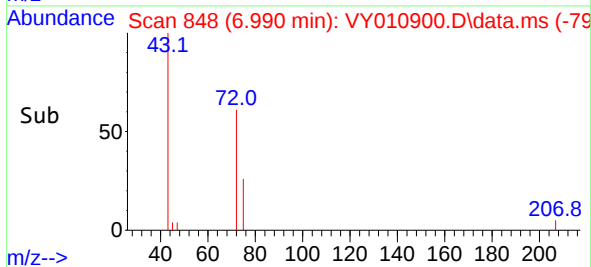
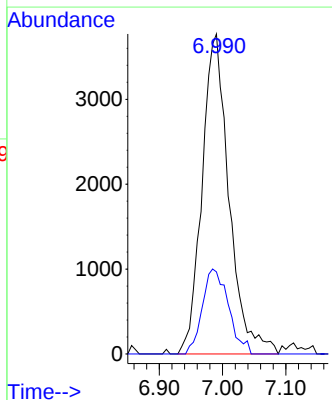
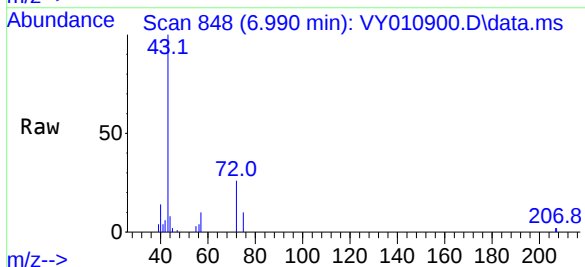
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 120.2 | 114.4 | 171.6 |
| 51  | 35.9  | 35.3  | 52.9  |
| 86  | 60.4  | 53.7  | 80.5  |

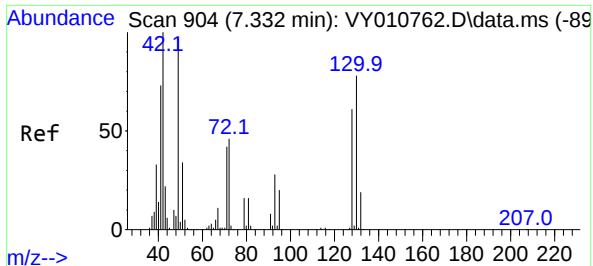


#25  
2-Butanone  
Concen: 10.422 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 43 Resp: 11190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 25.7  | 17.7  | 26.5  |





#28

Bromochloromethane

Concen: 4.903 ug/l

RT: 7.539 min Scan# 91

Delta R.T. 0.207 min

Lab File: VY010900.D

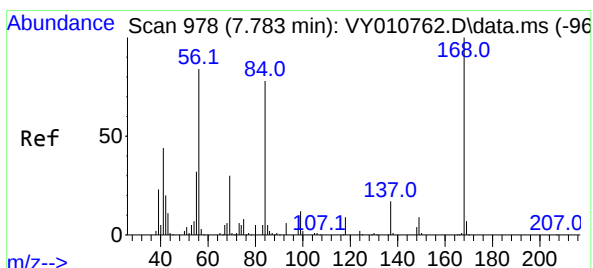
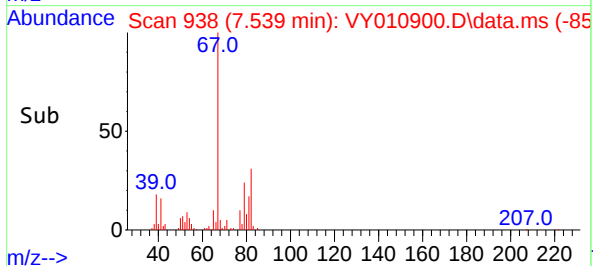
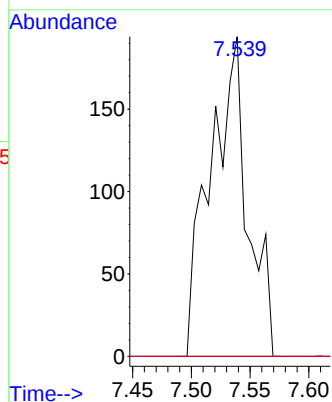
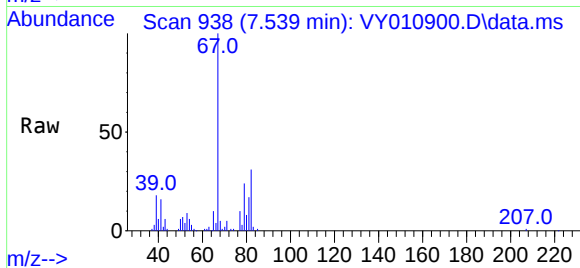
Acq: 10 Oct 2022 18:57

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 430   |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 2.2   |
| 130      | 0.0   | 55.4  | 83.0# |



#31

Cyclohexane

Concen: 7.722 ug/l

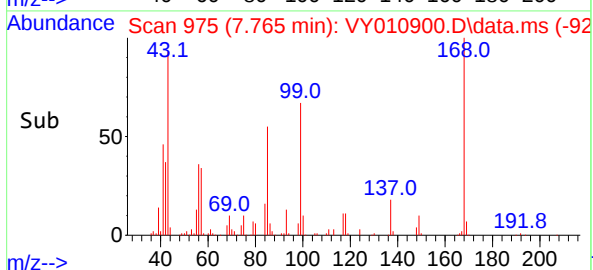
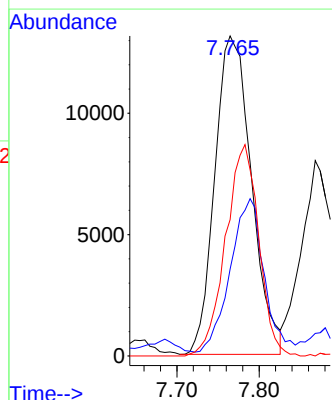
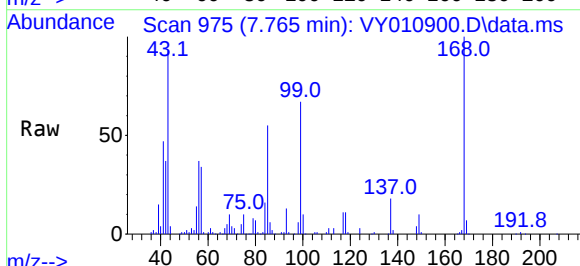
RT: 7.765 min Scan# 975

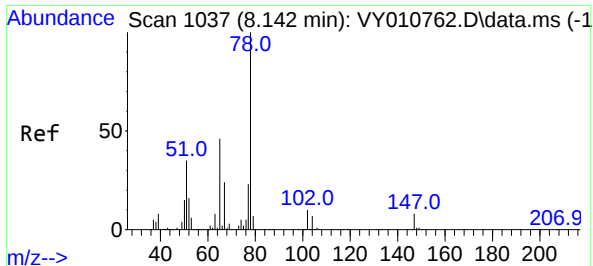
Delta R.T. -0.018 min

Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 40642  |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 24.5  | 26.7  | 40.1#  |
| 84       | 42.8  | 67.2  | 100.8# |





#33

1,2-Dichloroethane-d4

Concen: 63.970 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

Instrument :

MSVOA\_Y

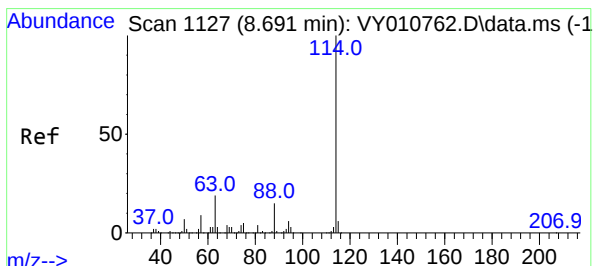
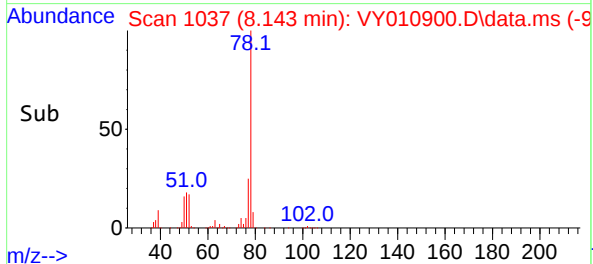
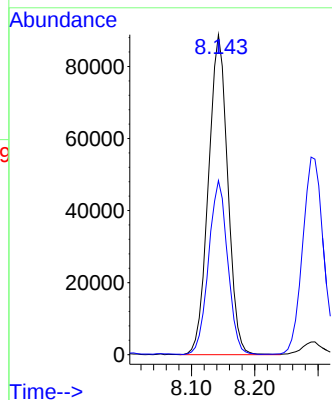
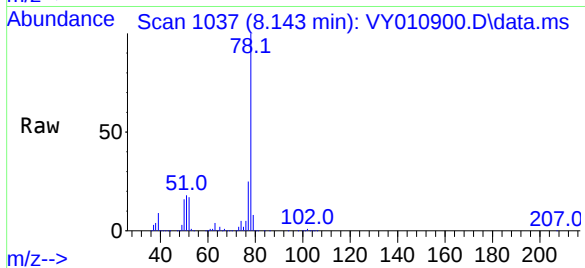
ClientSampleId :

Tgt Ion: 65 Resp: 188107

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

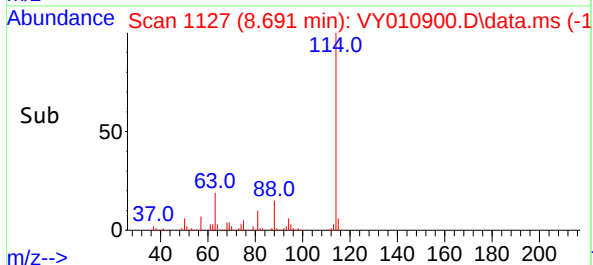
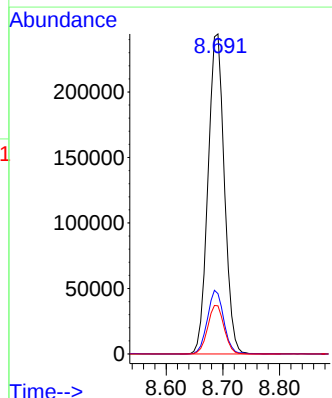
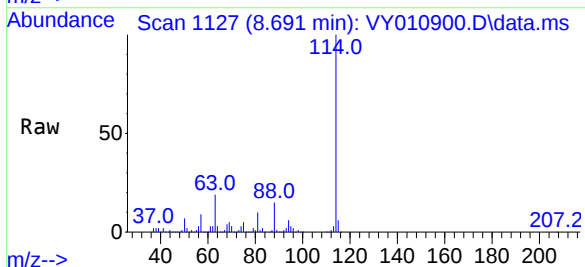
Tgt Ion: 114 Resp: 487896

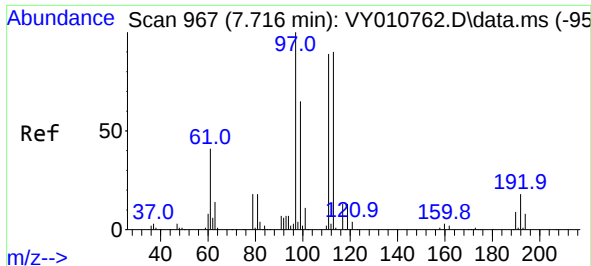
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

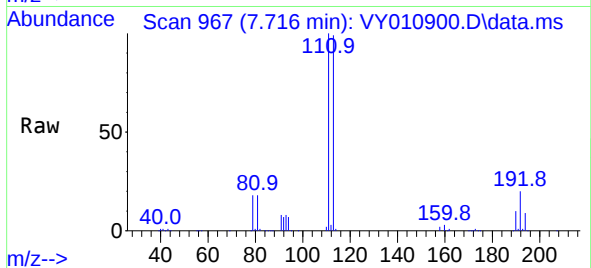
88 15.0 0.0 31.8



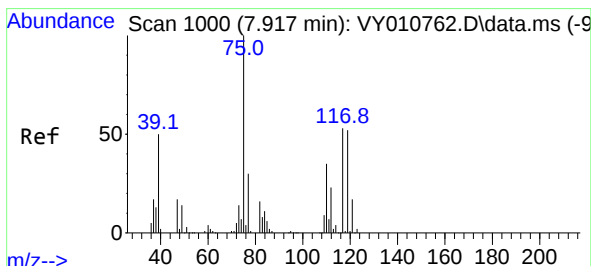
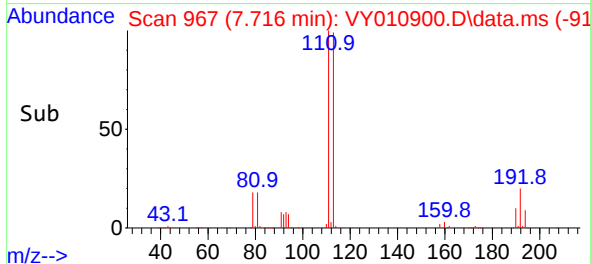
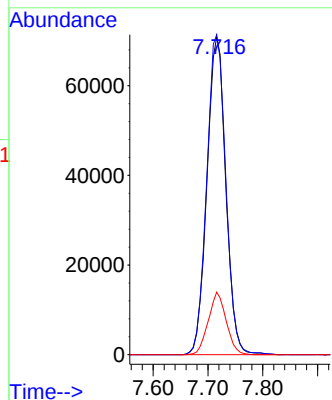


#35  
Dibromofluoromethane  
Concen: 52.007 ug/l  
RT: 7.716 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

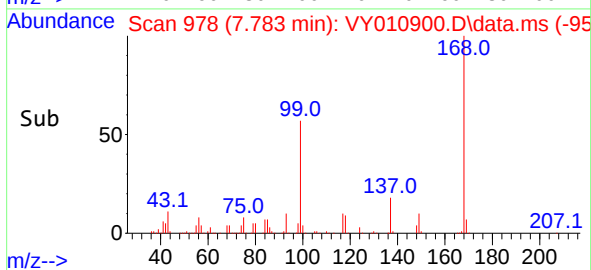
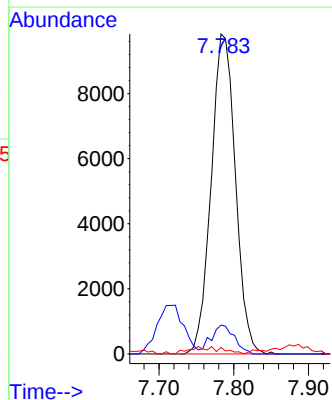
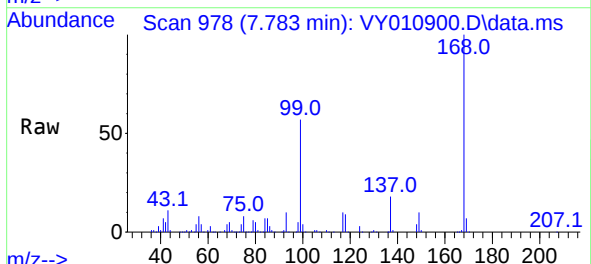


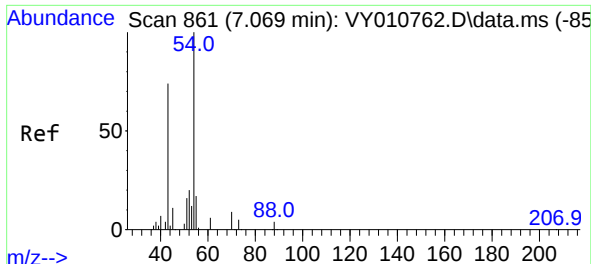
Tgt Ion:113 Resp: 168434  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.6 124.0  
192 18.8 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 4.744 ug/l  
RT: 7.783 min Scan# 978  
Delta R.T. -0.134 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 75 Resp: 22182  
Ion Ratio Lower Upper  
75 100  
110 8.7 17.1 51.2#  
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 4.877 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.079 min

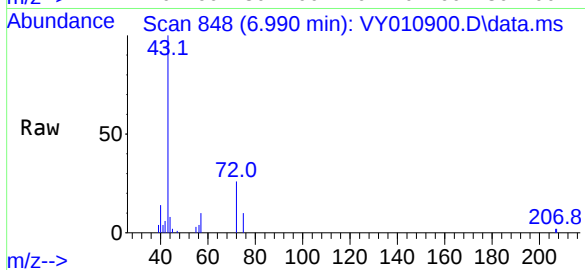
Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

Instrument :

MSVOA\_Y

ClientSampleId :



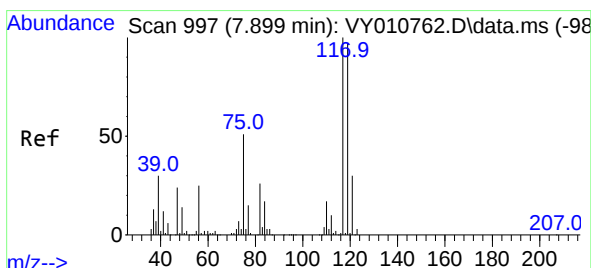
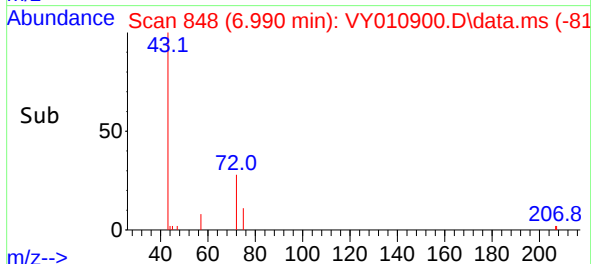
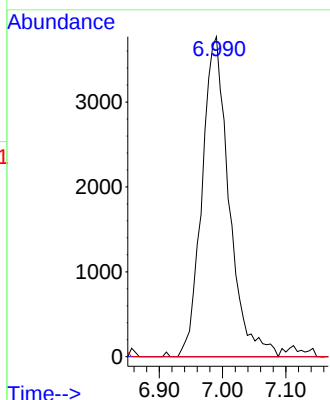
Tgt Ion: 43 Resp: 11190

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.950 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

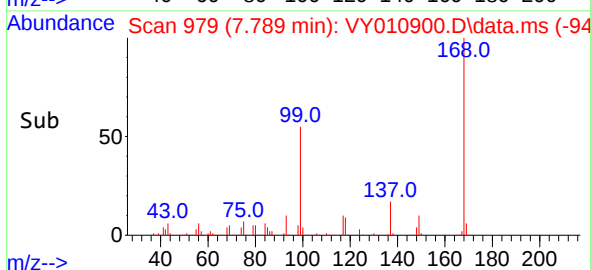
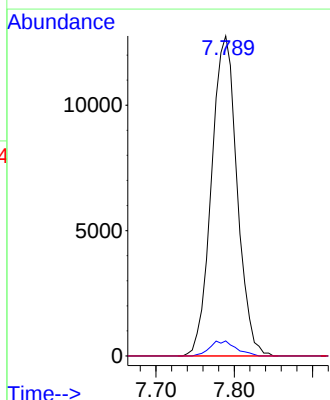
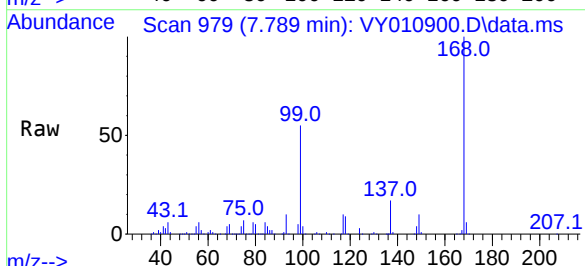
Tgt Ion: 117 Resp: 28975

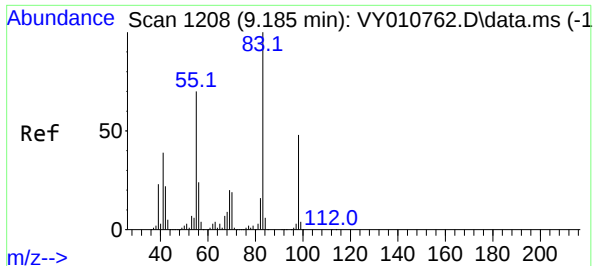
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 27.825 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

Instrument :

MSVOA\_Y

ClientSampleId :

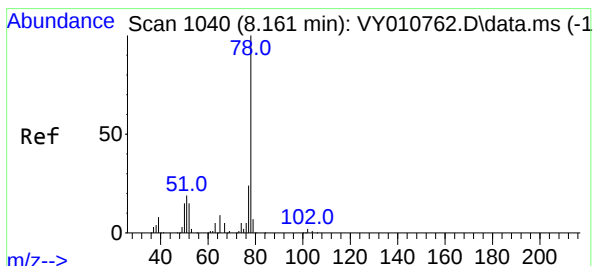
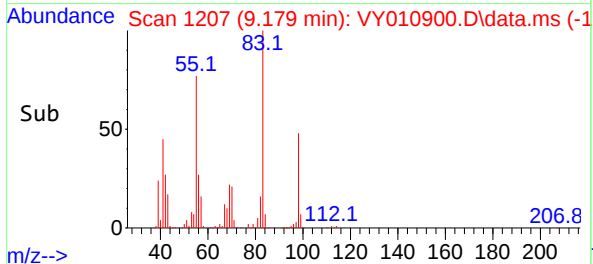
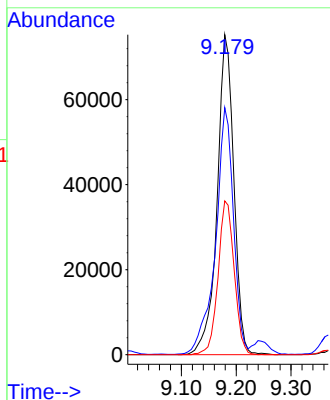
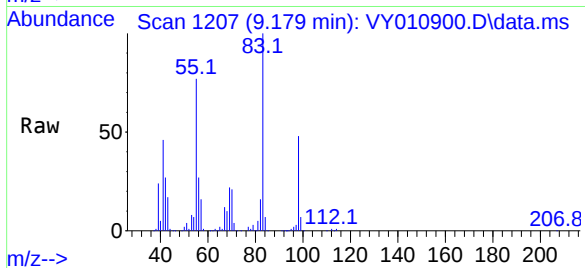
Tgt Ion: 83 Resp: 159795

Ion Ratio Lower Upper

83 100

55 77.0 66.5 99.7

98 48.1 37.9 56.9



#40

Benzene

Concen: 1159.504 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY010900.D

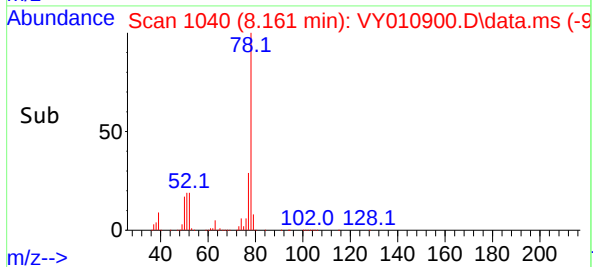
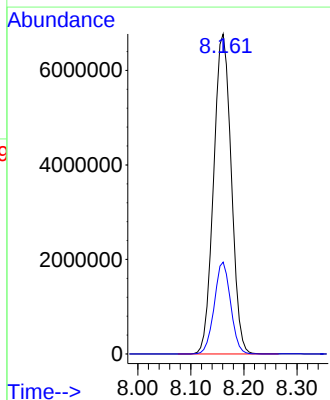
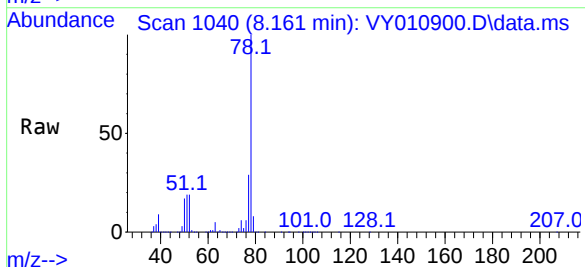
Acq: 10 Oct 2022 18:57

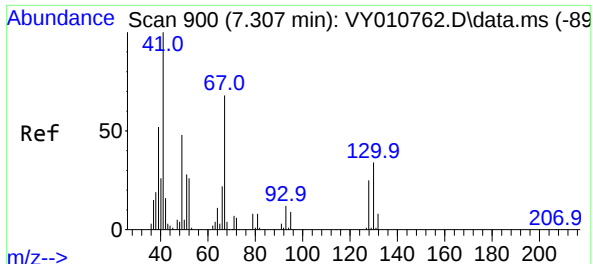
Tgt Ion: 78 Resp:15616362

Ion Ratio Lower Upper

78 100

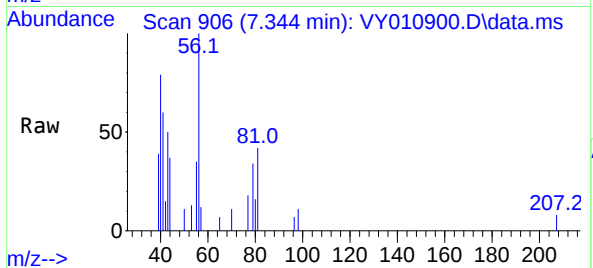
77 28.7 20.4 30.6





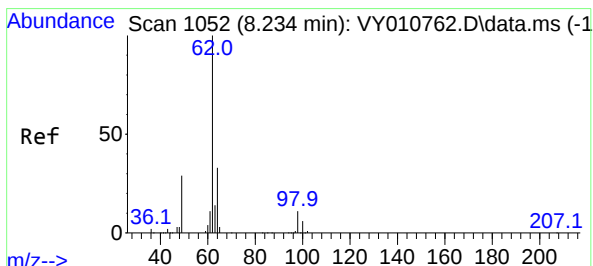
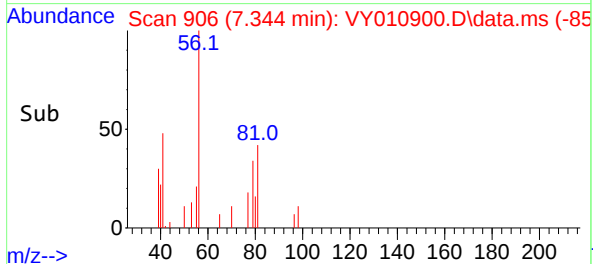
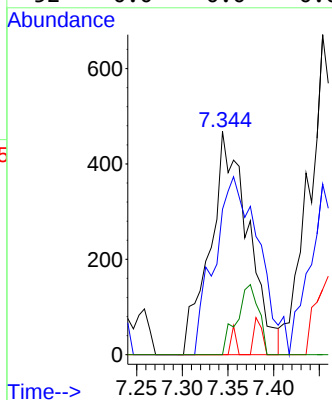
#41  
Methacrylonitrile  
Concen: 3.540 ug/l  
RT: 7.344 min Scan# 90  
Delta R.T. 0.037 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 41 Resp: 1359

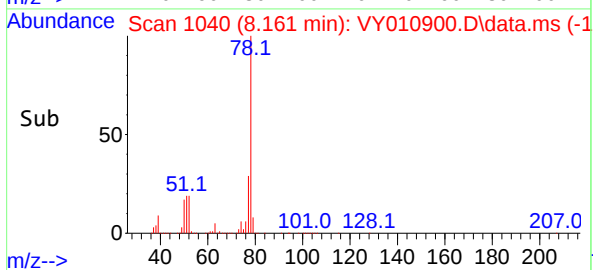
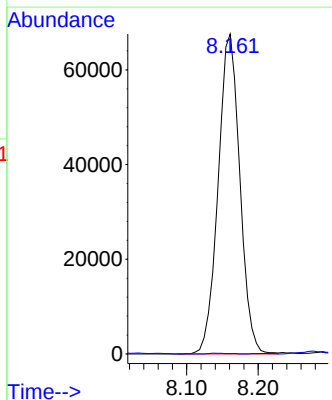
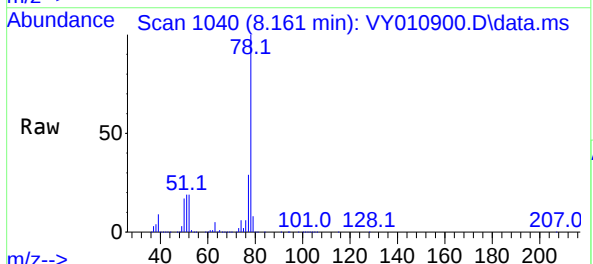
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 93.0  | 92.9  | 139.3 |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

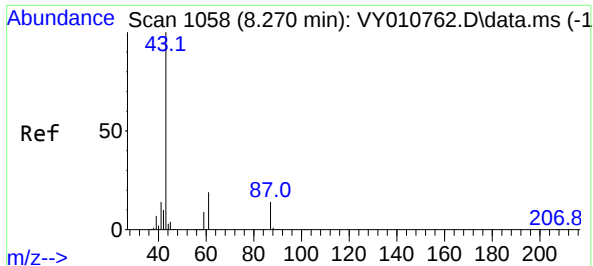


#42  
1,2-Dichloroethane  
Concen: 37.424 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.073 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 62 Resp: 142494

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 0.0   | 0.0   | 14.8  |





#43

Isopropyl Acetate

Concen: 2.157 ug/l

RT: 8.264 min Scan# 1

Delta R.T. -0.006 min

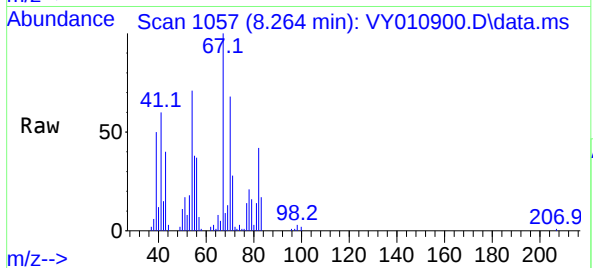
Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

Instrument :

MSVOA\_Y

ClientSampleId :



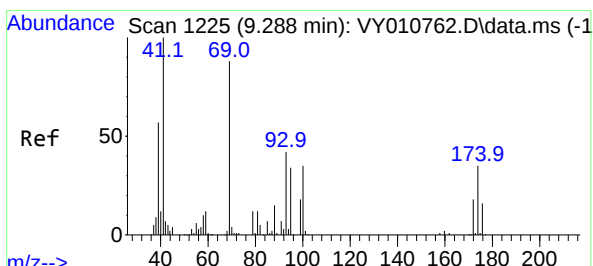
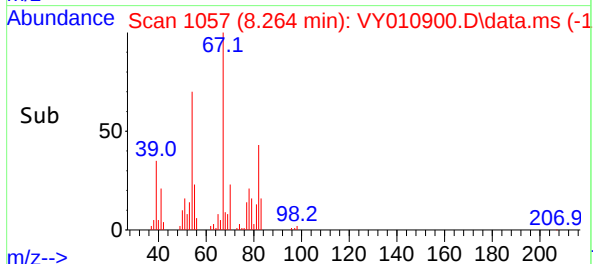
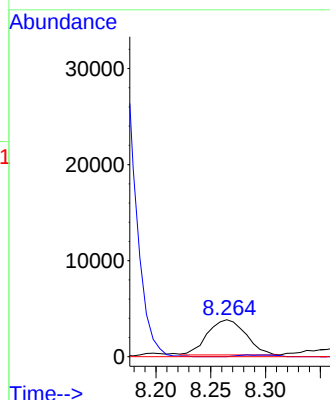
Tgt Ion: 43 Resp: 8957

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 8.9 13.3#



#48

Methyl methacrylate

Concen: 7.544 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. -0.048 min

Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

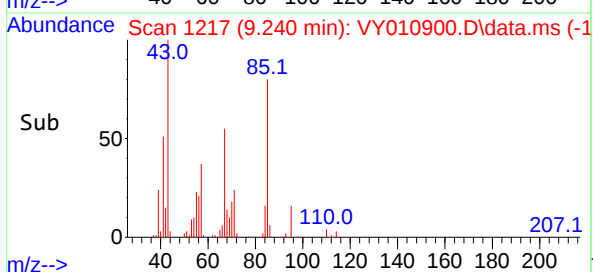
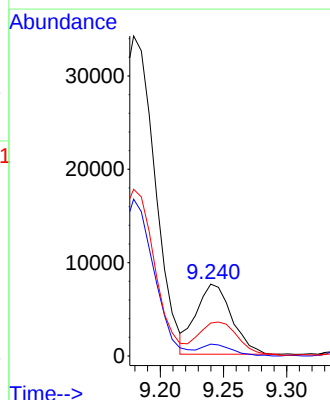
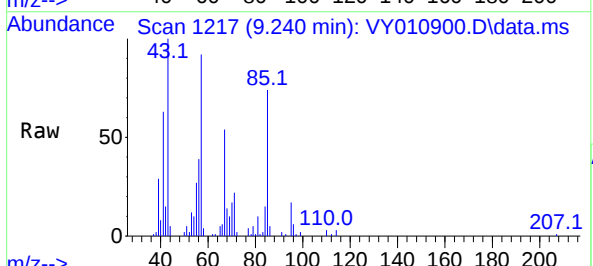
Tgt Ion: 41 Resp: 14713

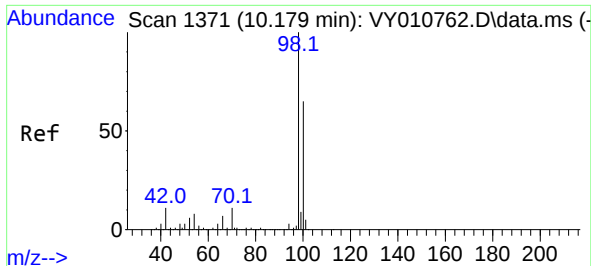
Ion Ratio Lower Upper

41 100

69 13.9 58.2 87.2#

39 50.2 47.4 71.0

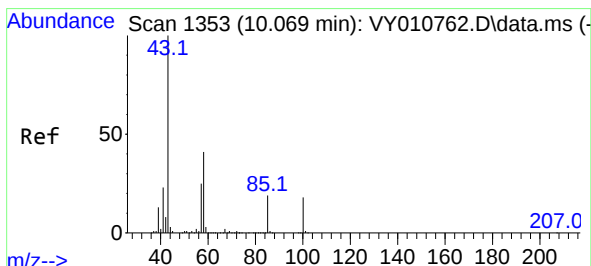
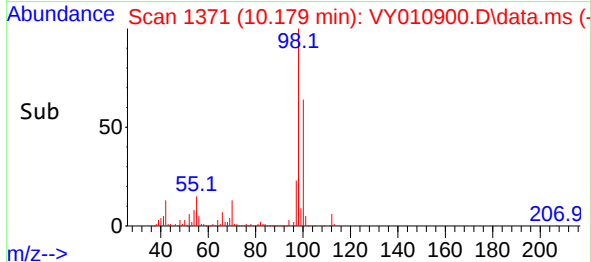
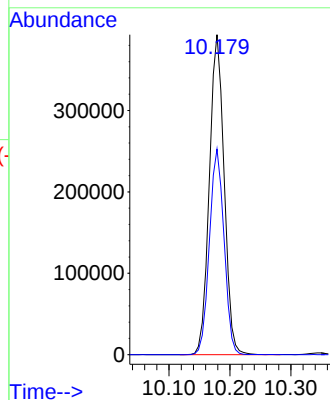
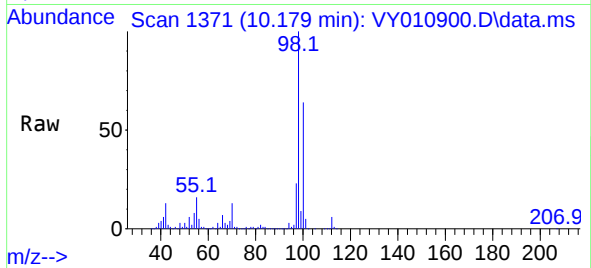




#50  
Toluene-d8  
Concen: 59.776 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

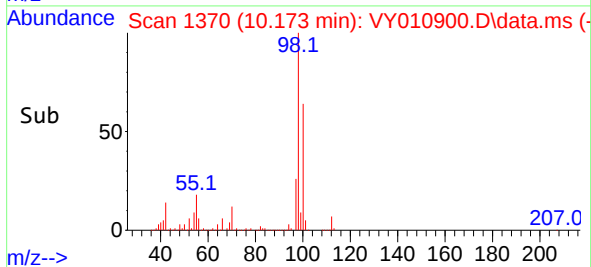
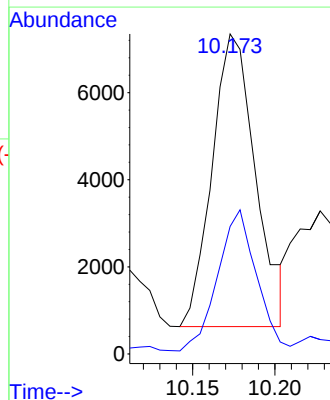
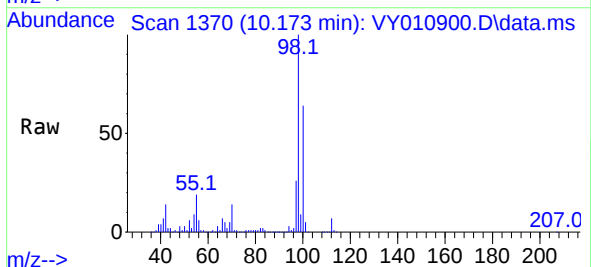
Instrument :  
MSVOA\_Y  
ClientSampleId :

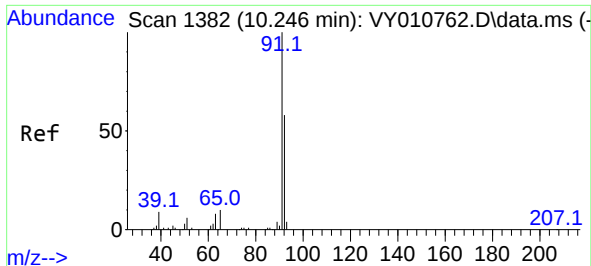
Tgt Ion: 98 Resp: 662073  
Ion Ratio Lower Upper  
98 100  
100 63.5 50.2 75.2



#51  
4-Methyl-2-Pentanone  
Concen: 5.444 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. 0.104 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 43 Resp: 12368  
Ion Ratio Lower Upper  
43 100  
58 45.0 28.1 42.1#

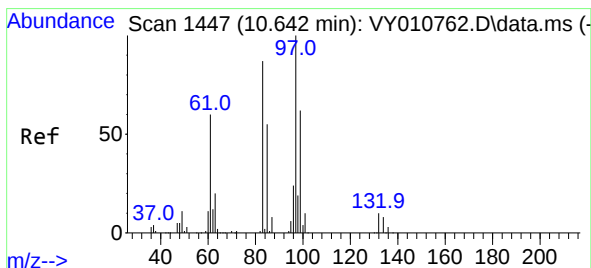
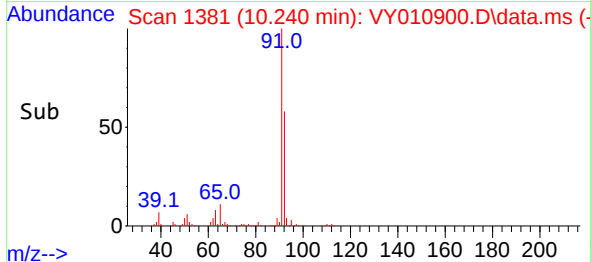
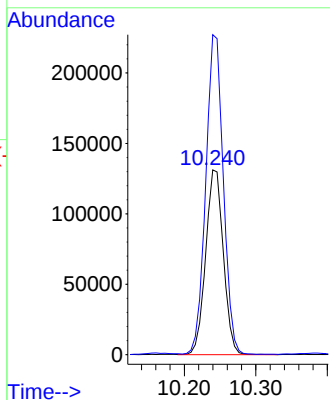
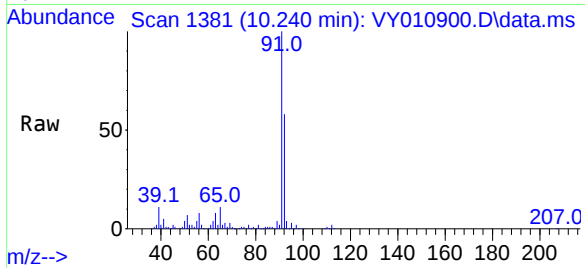




#52  
Toluene  
Concen: 26.214 ug/l  
RT: 10.240 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

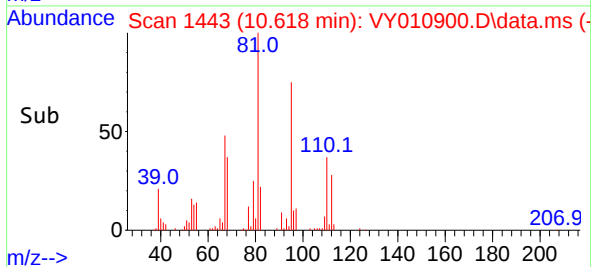
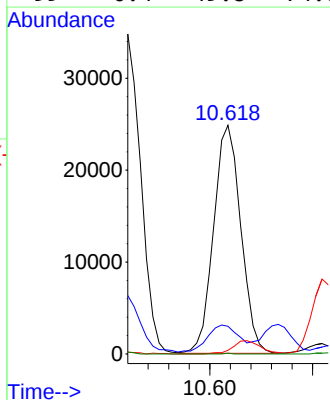
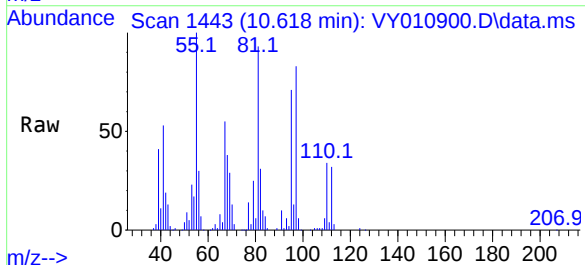
Instrument :  
MSVOA\_Y  
ClientSampleId :

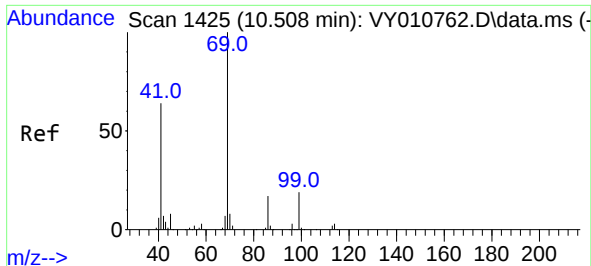
Tgt Ion: 92 Resp: 224689  
Ion Ratio Lower Upper  
92 100  
91 171.8 142.6 213.8



#55  
1,1,2-Trichloroethane  
Concen: 17.500 ug/l  
RT: 10.618 min Scan# 1443  
Delta R.T. -0.024 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 97 Resp: 45602  
Ion Ratio Lower Upper  
97 100  
83 11.3 69.8 104.8#  
85 1.6 44.3 66.5#  
99 0.4 49.8 74.6#

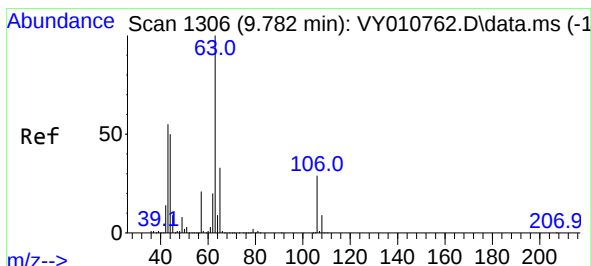
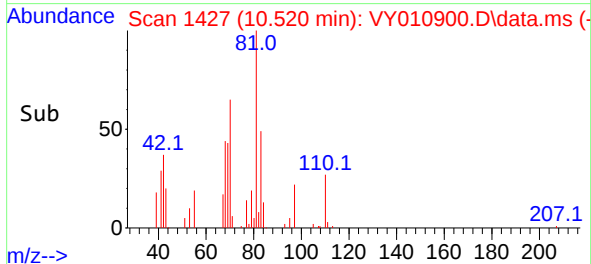
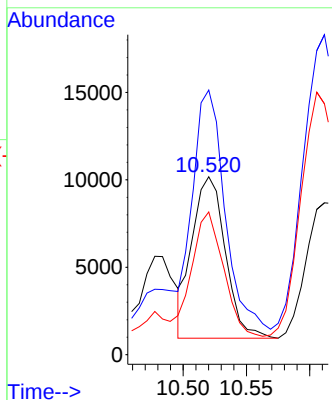
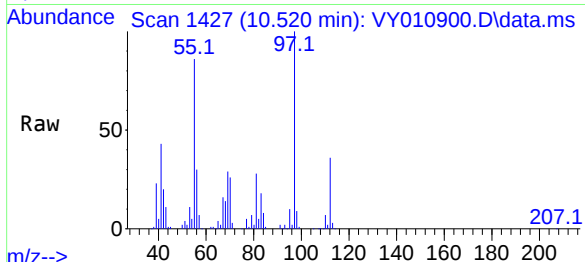




#56  
Ethyl methacrylate  
Concen: 5.051 ug/l  
RT: 10.520 min Scan# 1425  
Delta R.T. 0.012 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

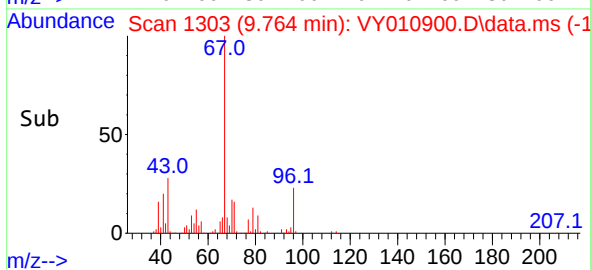
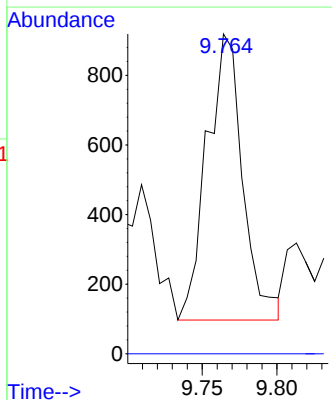
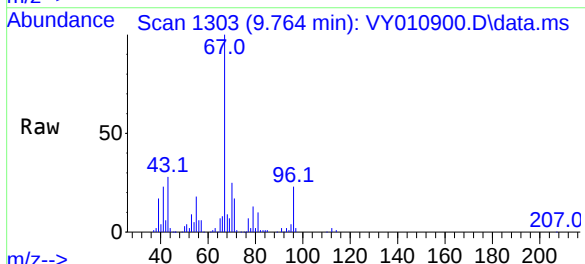
Instrument :  
MSVOA\_Y  
ClientSampleId :

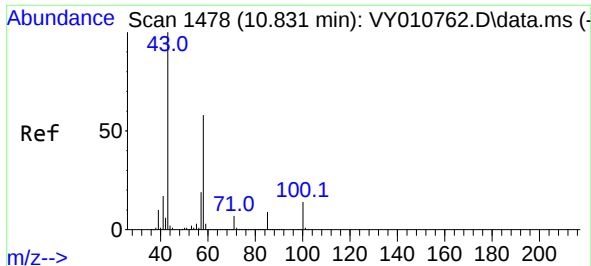
Tgt Ion: 69 Resp: 16912  
Ion Ratio Lower Upper  
69 100  
41 170.3 63.4 95.0#  
39 79.4 35.8 53.8#



#58  
2-Chloroethyl Vinyl ether  
Concen: 26.508 ug/l  
RT: 9.764 min Scan# 1303  
Delta R.T. -0.018 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 63 Resp: 1366  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.5 32.3#

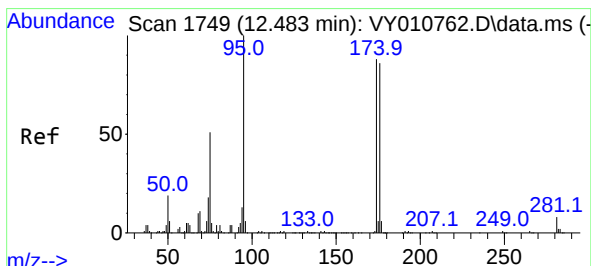
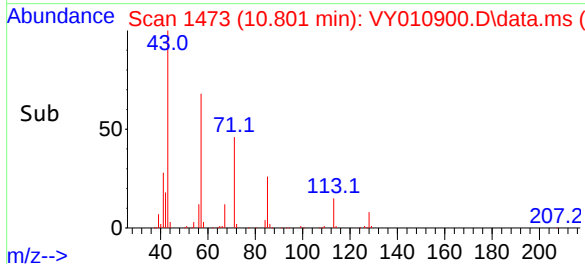
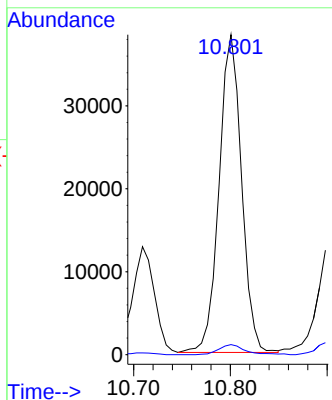
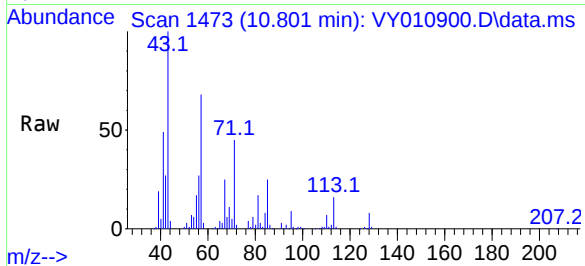




#59  
2-Hexanone  
Concen: 39.238 ug/l  
RT: 10.801 min Scan# 1473  
Delta R.T. -0.030 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

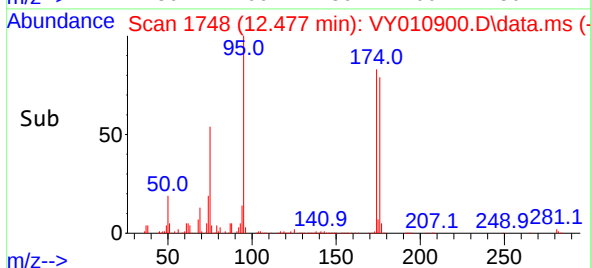
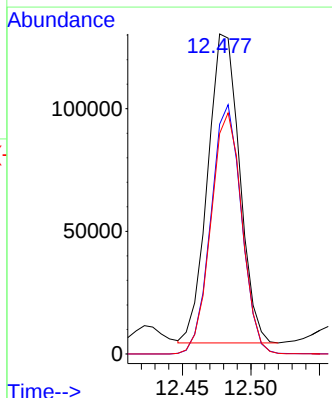
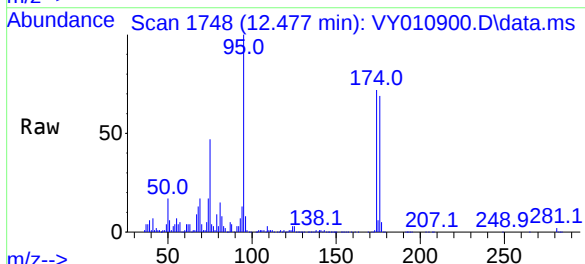
Instrument :  
MSVOA\_Y  
ClientSampleId :

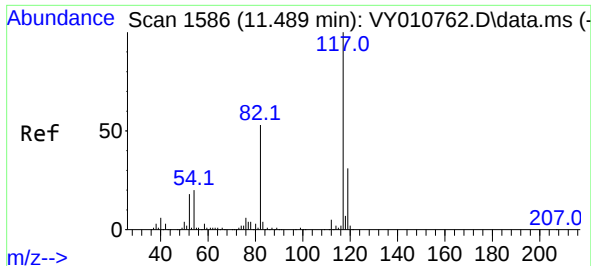
Tgt Ion: 43 Resp: 61740  
Ion Ratio Lower Upper  
43 100  
58 3.7 24.4 73.4#



#62  
4-Bromofluorobenzene  
Concen: 46.801 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

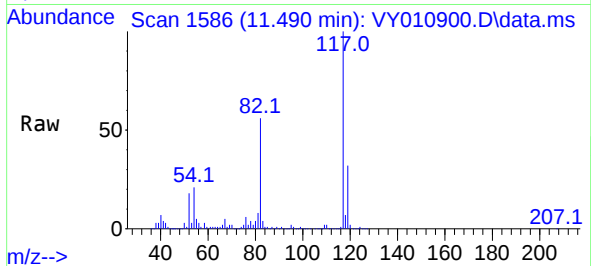
Tgt Ion: 95 Resp: 203535  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 177.0  
176 76.1 0.0 175.8



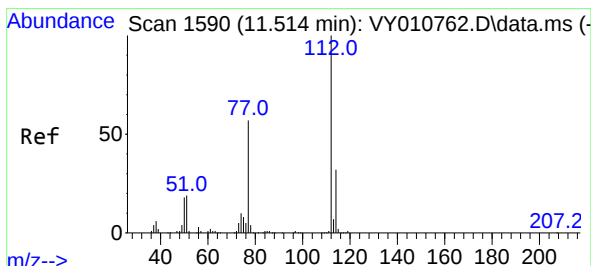
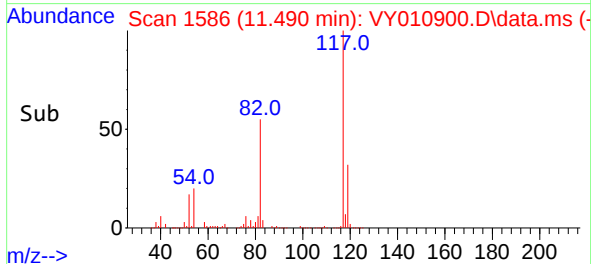
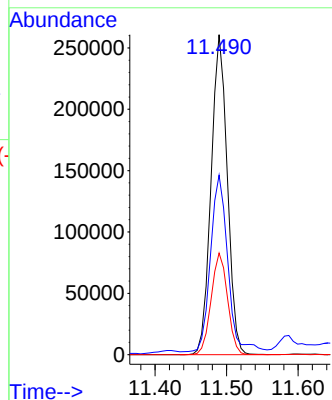


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

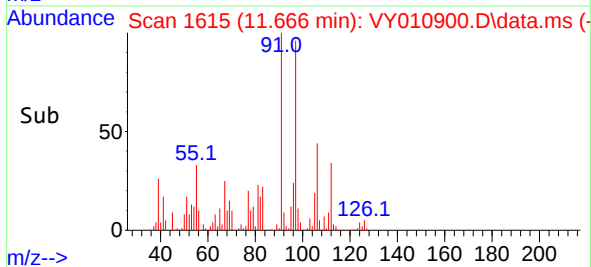
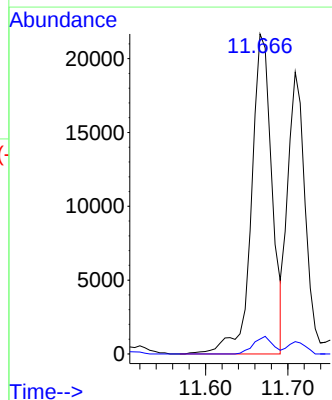
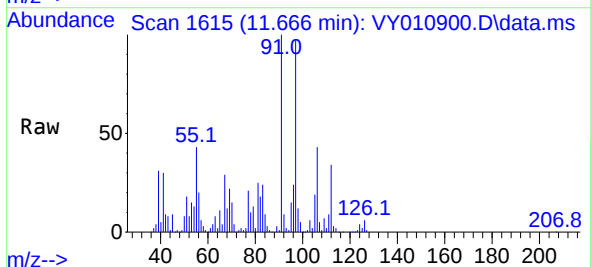


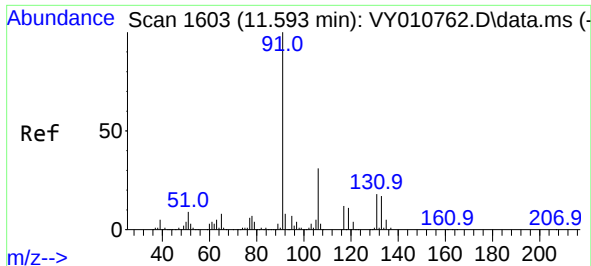
Tgt Ion:117 Resp: 410461  
Ion Ratio Lower Upper  
117 100  
82 55.2 43.0 64.4  
119 31.8 25.4 38.0



#65  
Chlorobenzene  
Concen: 4.425 ug/l  
RT: 11.666 min Scan# 1615  
Delta R.T. 0.152 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion:112 Resp: 37610  
Ion Ratio Lower Upper  
112 100  
114 4.6 25.8 38.6#

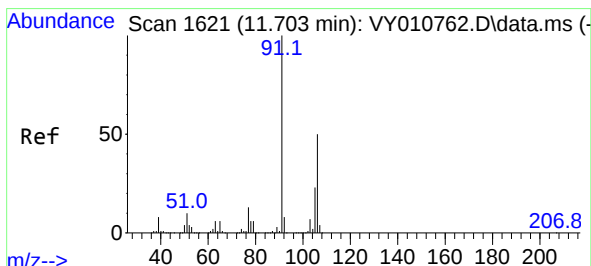
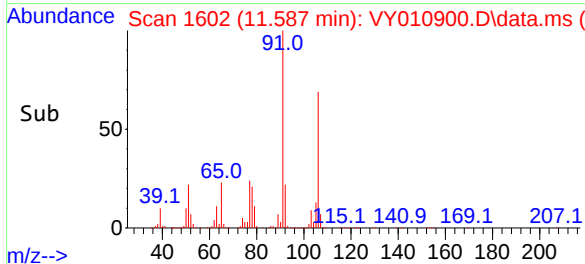
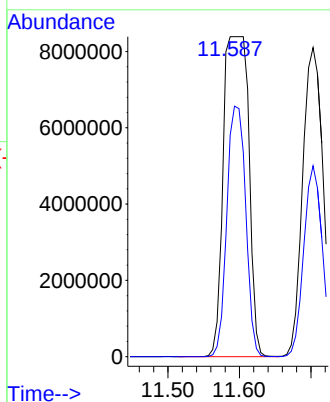
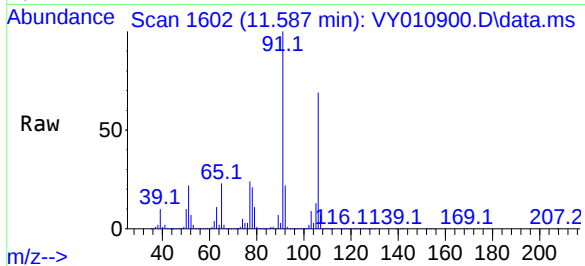




#67  
Ethyl Benzene  
Concen: 1354.152 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

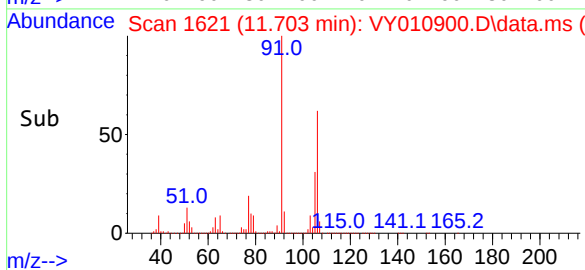
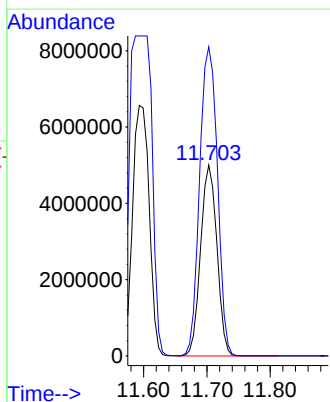
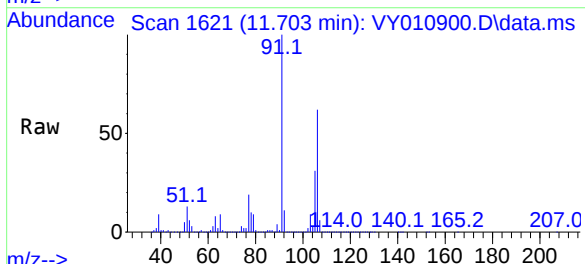
Instrument :  
MSVOA\_Y  
ClientSampleId :

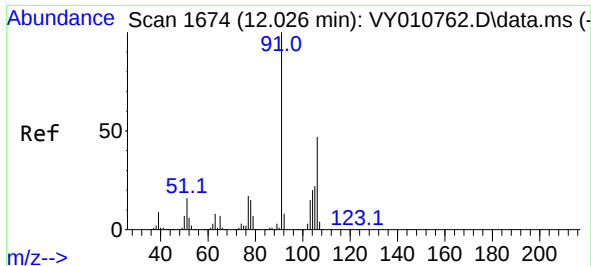
Tgt Ion: 91 Resp: 20714877  
Ion Ratio Lower Upper  
91 100  
106 69.3 24.5 36.7#



#68  
m/p-Xylenes  
Concen: 1501.790 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 106 Resp: 8990792  
Ion Ratio Lower Upper  
106 100  
91 176.6 166.6 249.8

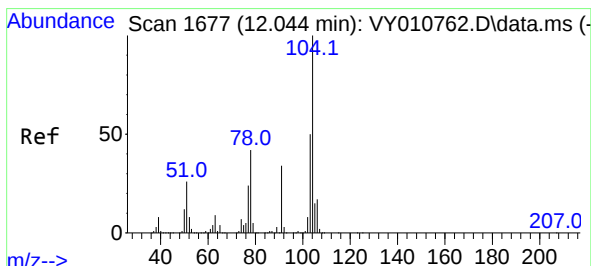
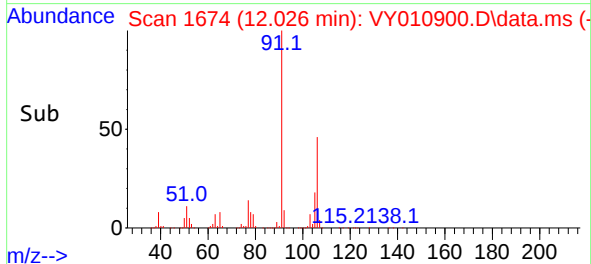
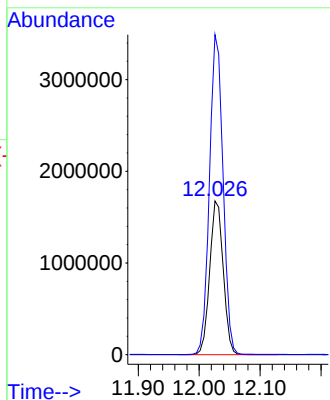
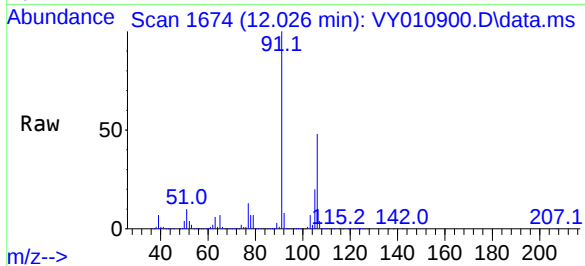




#69  
o-Xylene  
Concen: 460.874 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

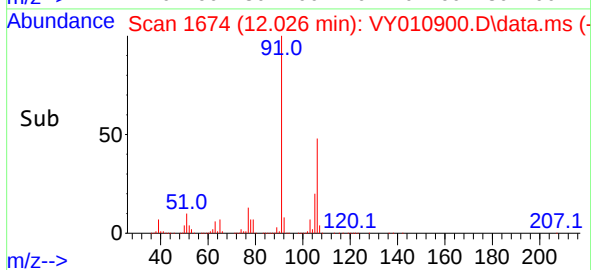
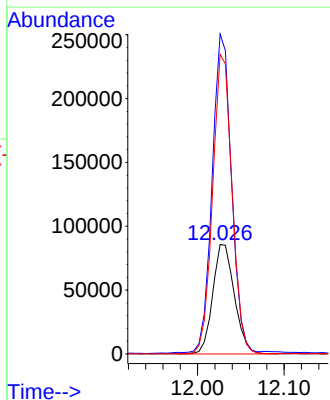
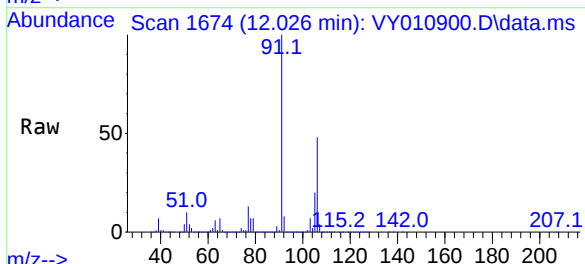
Instrument :  
MSVOA\_Y  
ClientSampleId :

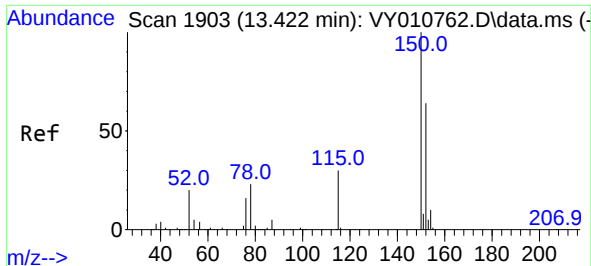
Tgt Ion:106 Resp: 2579626  
Ion Ratio Lower Upper  
106 100  
91 208.8 110.3 331.0



#70  
Styrene  
Concen: 15.760 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.018 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion:104 Resp: 148667  
Ion Ratio Lower Upper  
104 100  
78 262.0 42.4 63.6#  
103 246.5 44.4 66.6#

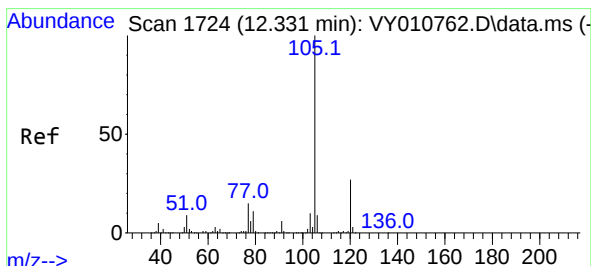
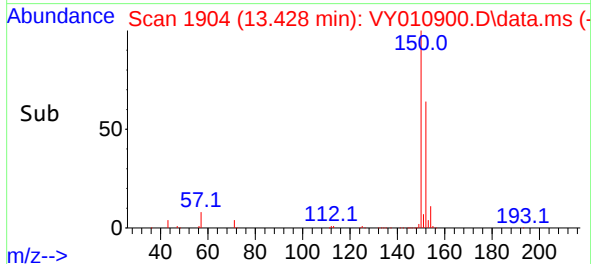
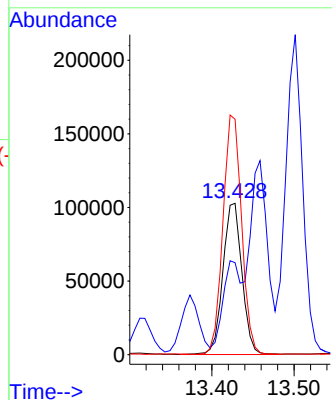
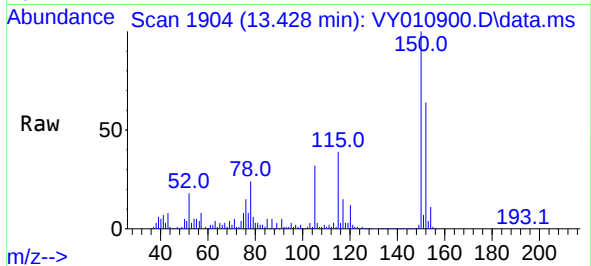




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1903  
Delta R.T. 0.006 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

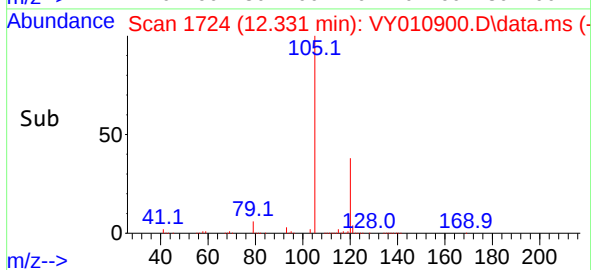
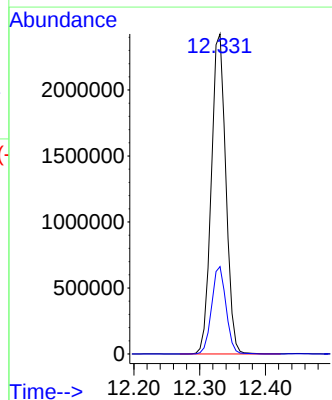
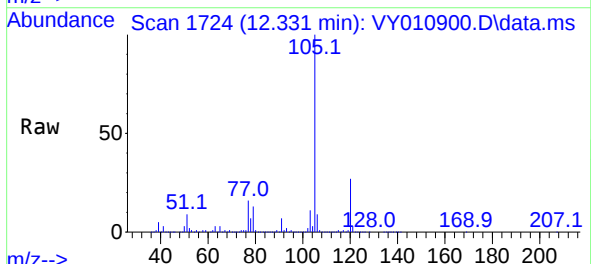
Instrument :  
MSVOA\_Y  
ClientSampleId :

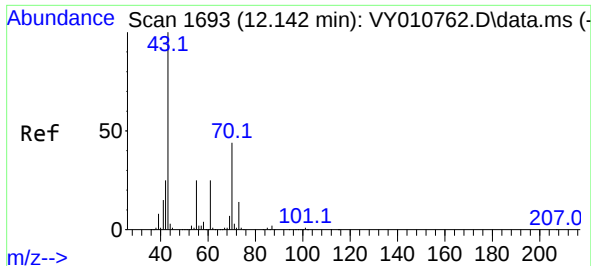
Tgt Ion:152 Resp: 165293  
Ion Ratio Lower Upper  
152 100  
115 0.0 28.2 84.7#  
150 155.1 0.0 347.6



#73  
Isopropylbenzene  
Concen: 306.535 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

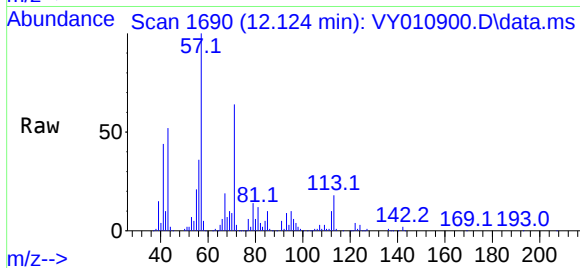
Tgt Ion:105 Resp: 3724901  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



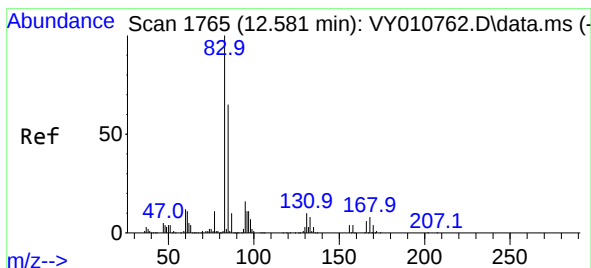
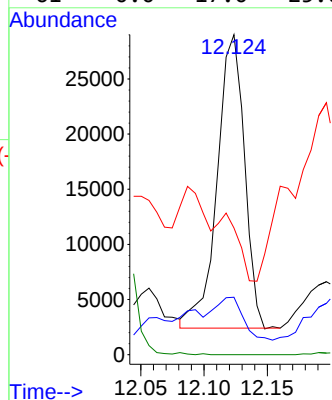
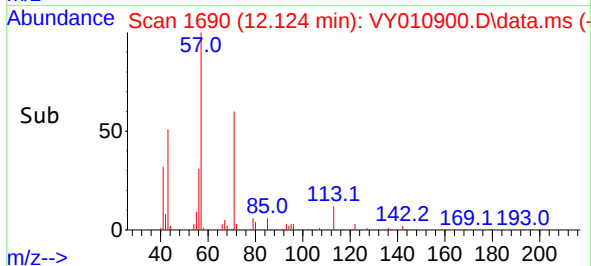


#74  
N-amy1 acetate  
Concen: 14.316 ug/l  
RT: 12.124 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

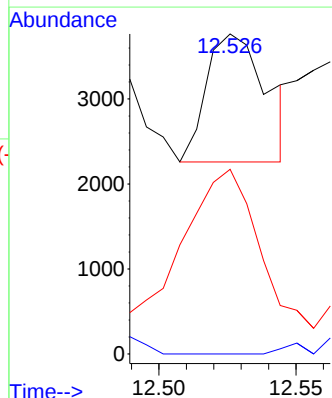
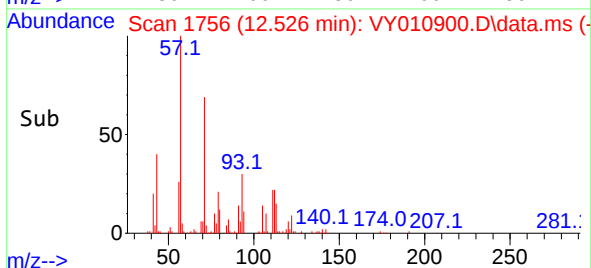
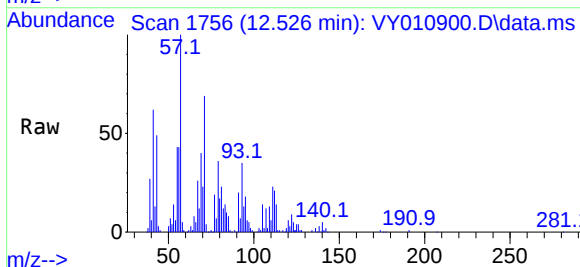


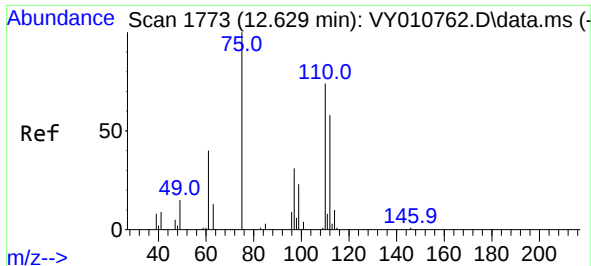
Tgt Ion: 43 Resp: 39982  
Ion Ratio Lower Upper  
43 100  
70 15.8 28.7 43.1#  
55 0.0 17.3 25.9#  
61 0.0 17.0 25.6#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.012 ug/l  
RT: 12.526 min Scan# 1756  
Delta R.T. -0.055 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 83 Resp: 2298  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.6 16.8#  
85 158.3 32.3 96.8#

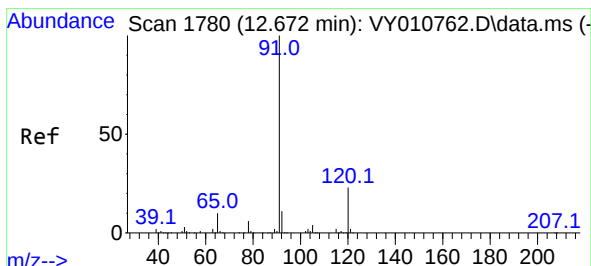
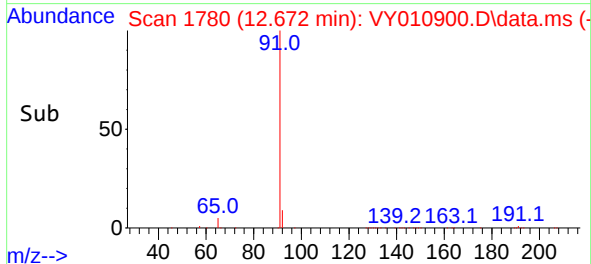
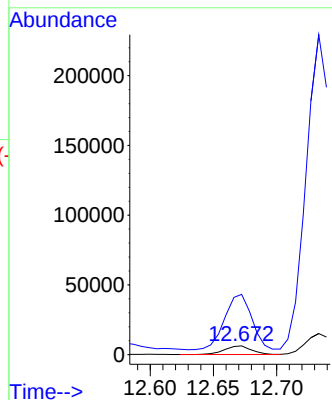
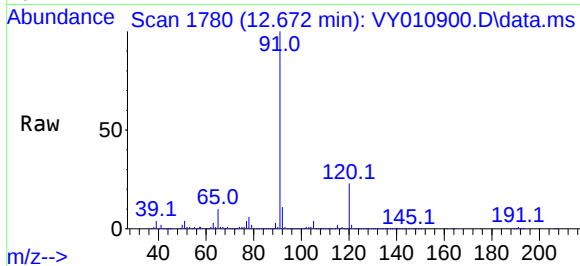




#76  
1,2,3-Trichloropropane  
Concen: 5.497 ug/l  
RT: 12.672 min Scan# 1773  
Delta R.T. 0.043 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

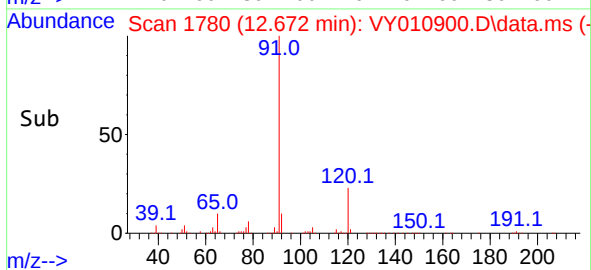
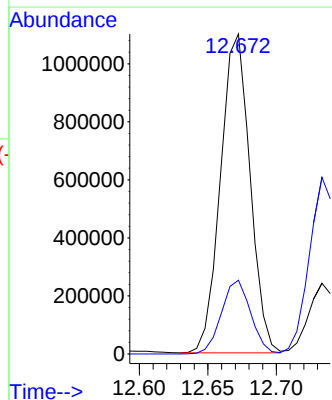
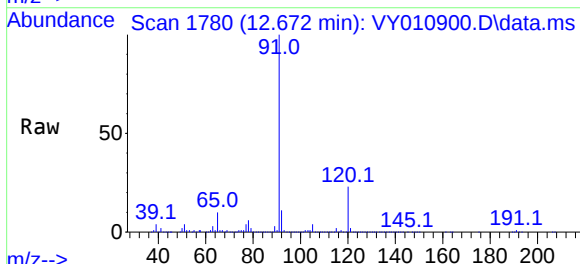
Instrument :  
MSVOA\_Y  
ClientSampleId :

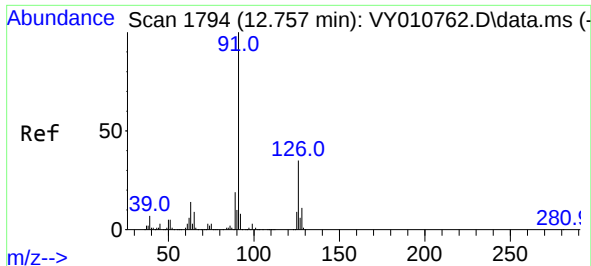
Tgt Ion: 75 Resp: 9201  
Ion Ratio Lower Upper  
75 100  
77 645.1 0.0 0.0#



#78  
n-propylbenzene  
Concen: 111.199 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 91 Resp: 1645681  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 40.007 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY010900.D

Acq: 10 Oct 2022 18:57

Instrument :

MSVOA\_Y

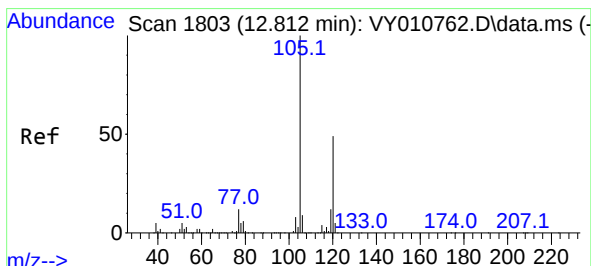
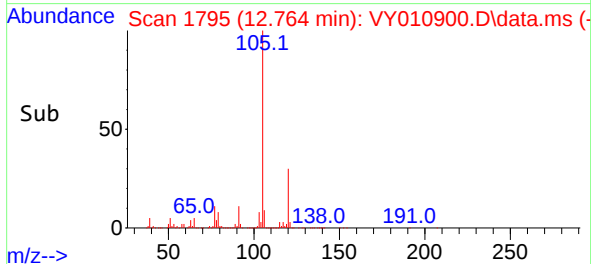
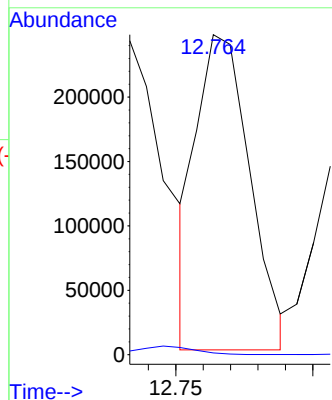
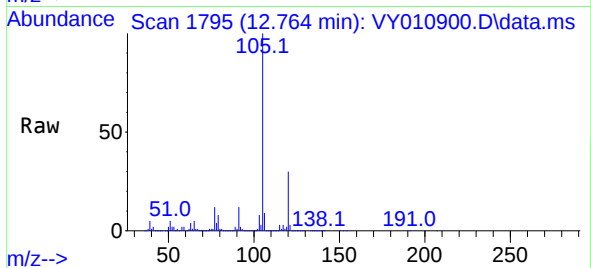
ClientSampleId :

Tgt Ion: 91 Resp: 331248

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 217.075 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010900.D

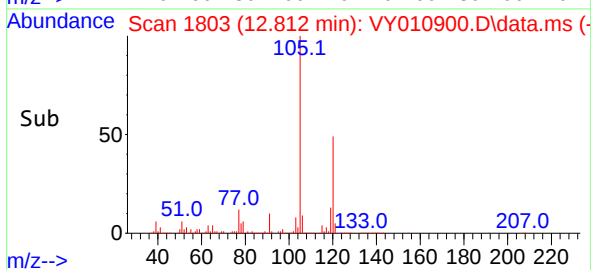
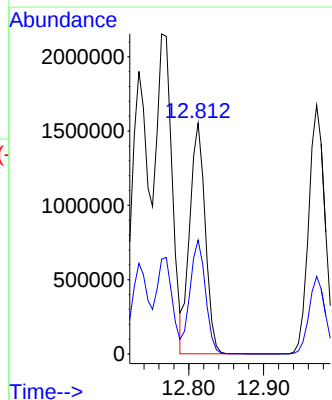
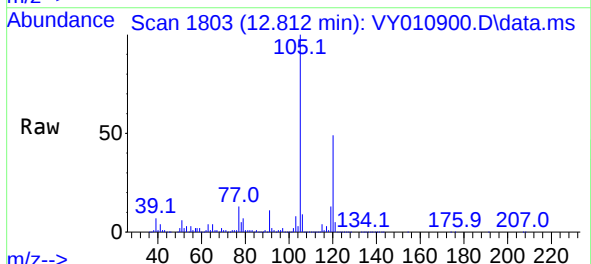
Acq: 10 Oct 2022 18:57

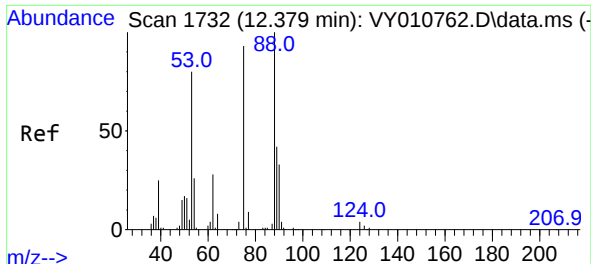
Tgt Ion:105 Resp: 2231036

Ion Ratio Lower Upper

105 100

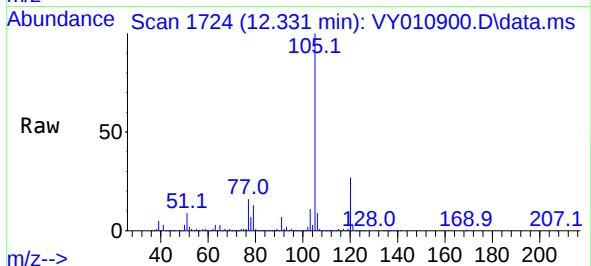
120 49.2 24.4 73.4



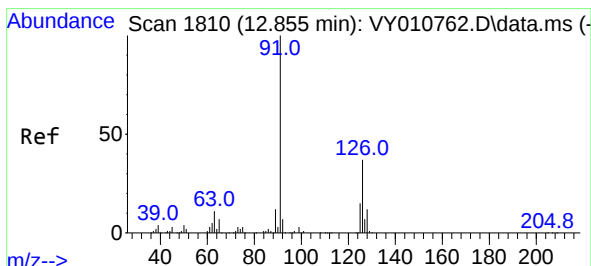
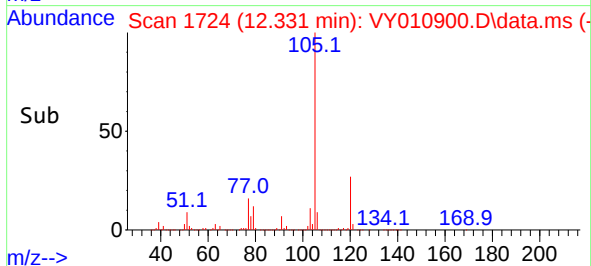
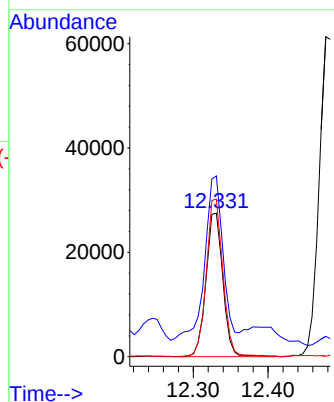


#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.701 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.048 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

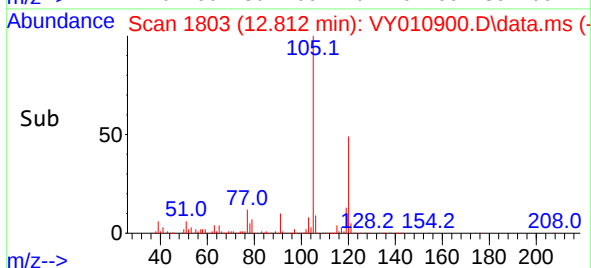
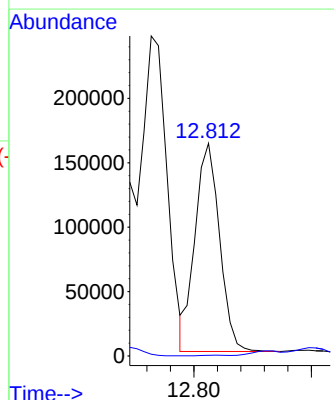
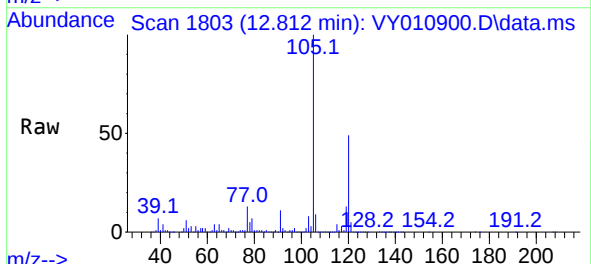


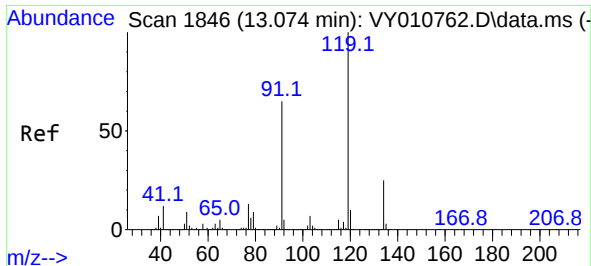
Tgt Ion: 75 Resp: 43032  
Ion Ratio Lower Upper  
75 100  
53 130.8 85.3 127.9#  
89 109.2 37.0 55.4#



#82  
4-Chlorotoluene  
Concen: 27.101 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.043 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 91 Resp: 234635  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.0 51.0#

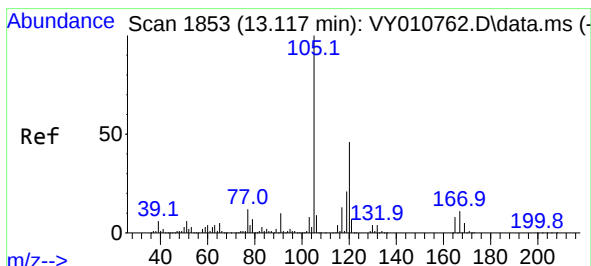
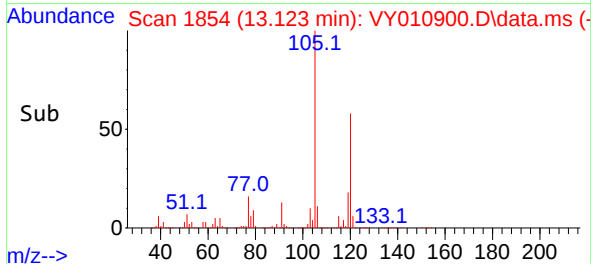
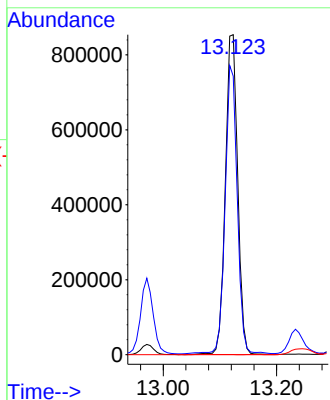
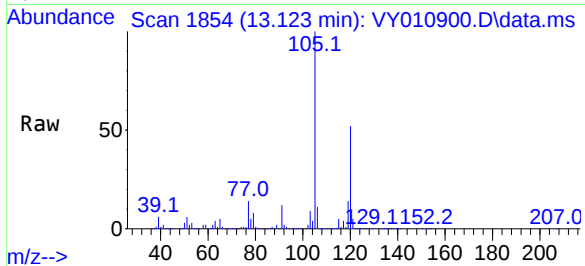




#83  
tert-Butylbenzene  
Concen: 146.550 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.049 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

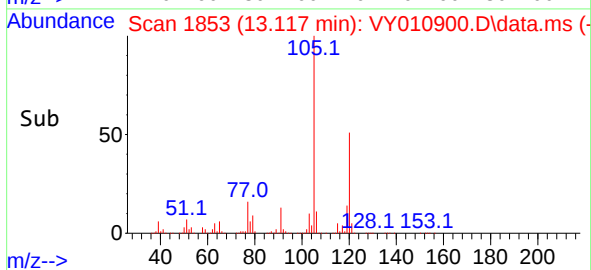
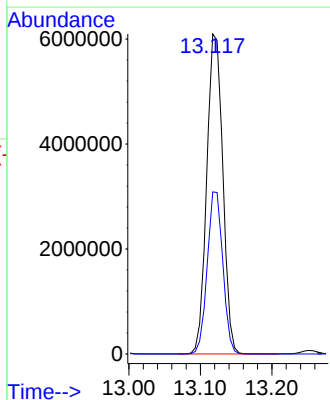
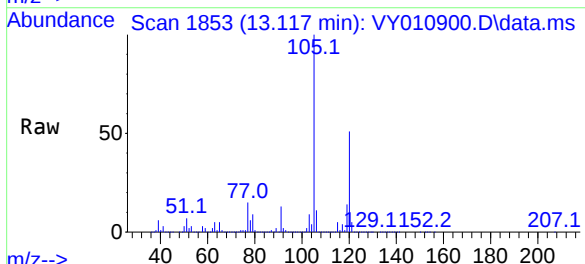
Instrument :  
MSVOA\_Y  
ClientSampleId :

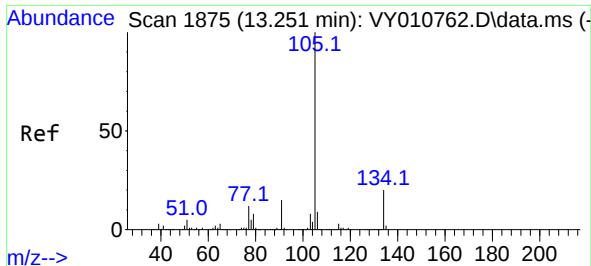
Tgt Ion:119 Resp: 1284089  
Ion Ratio Lower Upper  
119 100  
91 88.4 34.8 104.4  
134 0.0 13.3 39.9#



#84  
1,2,4-Trimethylbenzene  
Concen: 940.630 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion:105 Resp: 9504791  
Ion Ratio Lower Upper  
105 100  
120 49.1 22.3 66.9

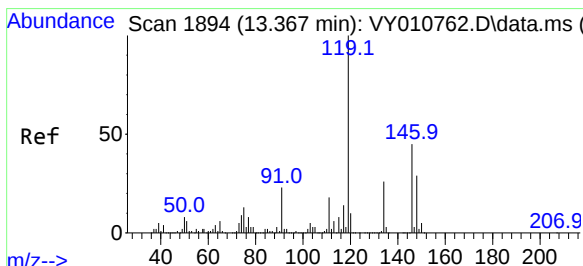
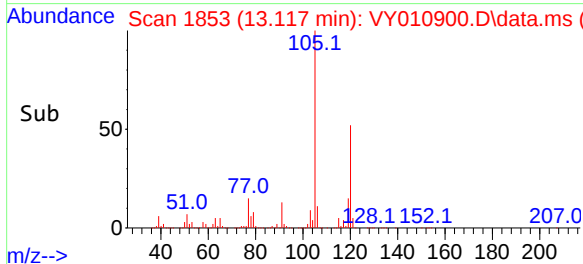
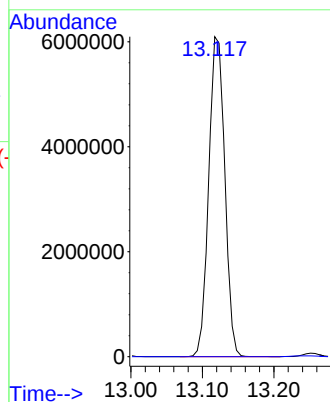
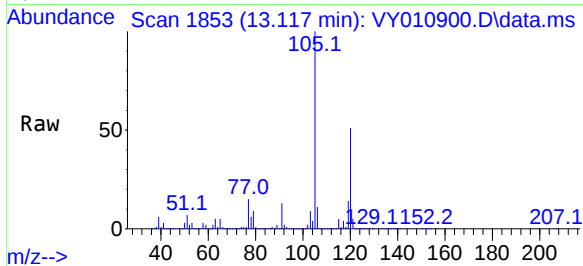




#85  
 sec-Butylbenzene  
 Concen: 720.633 ug/l  
 RT: 13.117 min Scan# 1853  
 Delta R.T. -0.134 min  
 Lab File: VY010900.D  
 Acq: 10 Oct 2022 18:57

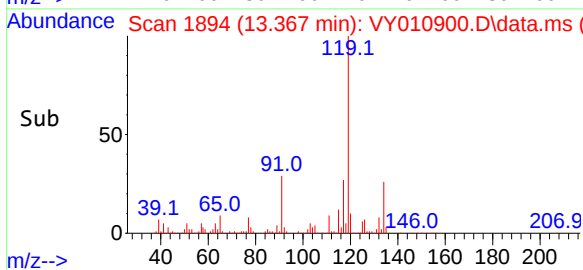
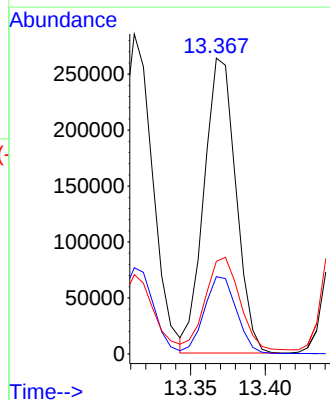
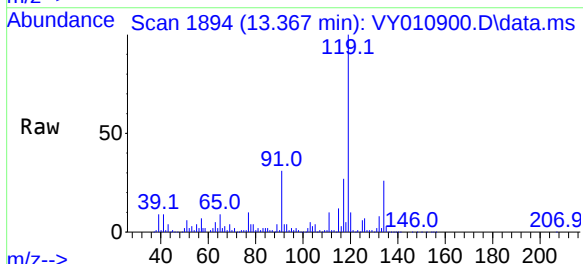
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

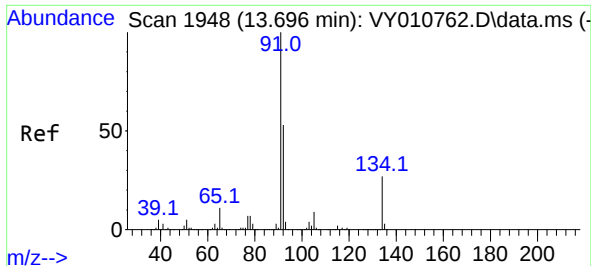
Tgt Ion:105 Resp: 9504791  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.2 30.4#



#86  
 p-Isopropyltoluene  
 Concen: 35.391 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010900.D  
 Acq: 10 Oct 2022 18:57

Tgt Ion:119 Resp: 391629  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.2 39.5  
 91 0.0 12.4 37.2#

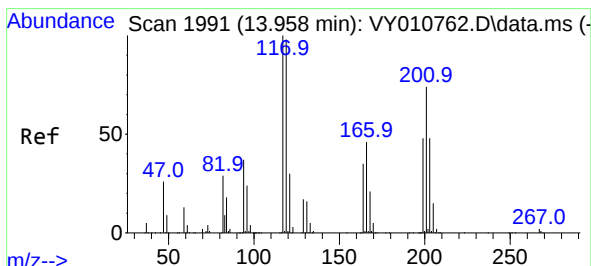
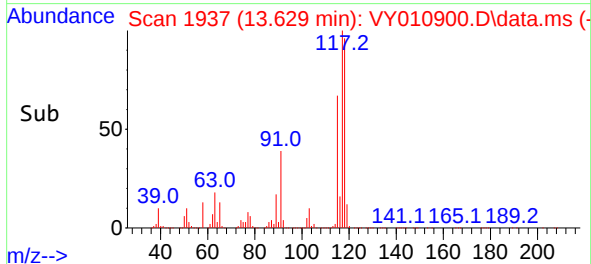
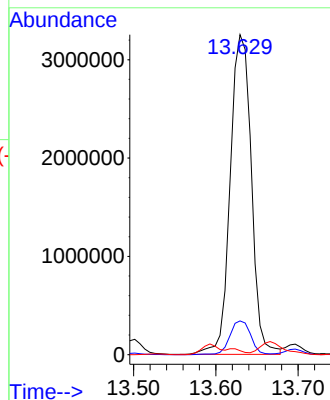
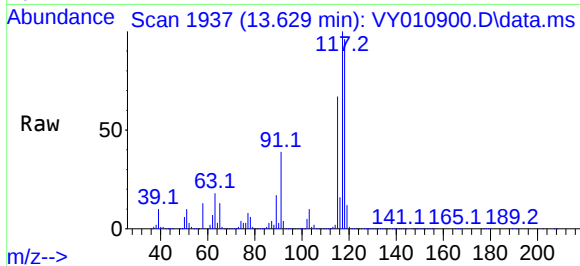




#89  
n-Butylbenzene  
Concen: 571.226 ug/l  
RT: 13.629 min Scan# 1937  
Delta R.T. -0.067 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

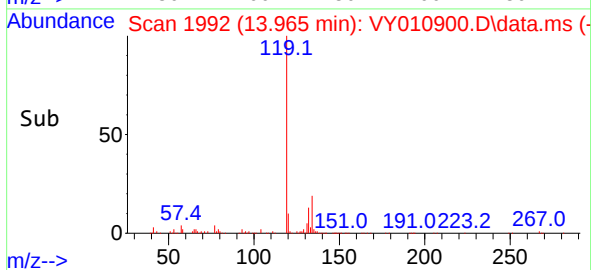
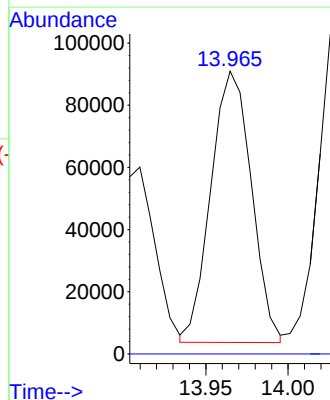
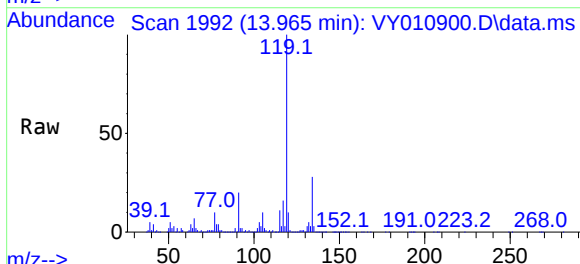
Instrument :  
MSVOA\_Y  
ClientSampleId :

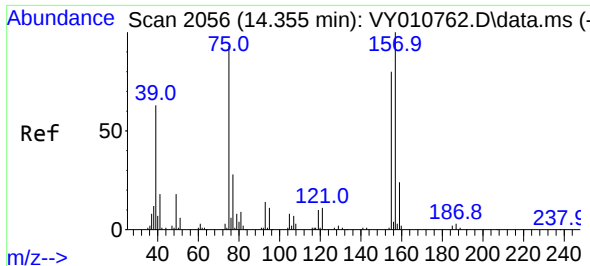
Tgt Ion: 91 Resp: 5816796  
Ion Ratio Lower Upper  
91 100  
92 10.4 26.3 78.9#  
134 0.0 13.0 38.9#



#90  
Hexachloroethane  
Concen: 70.686 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.007 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 117 Resp: 149616  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.0 128.8#

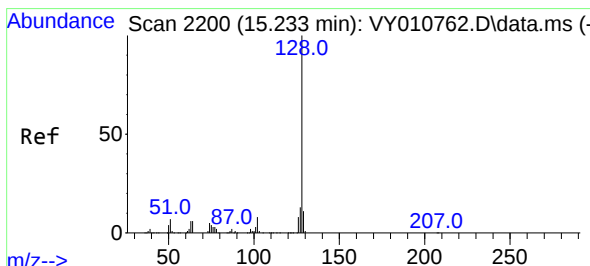
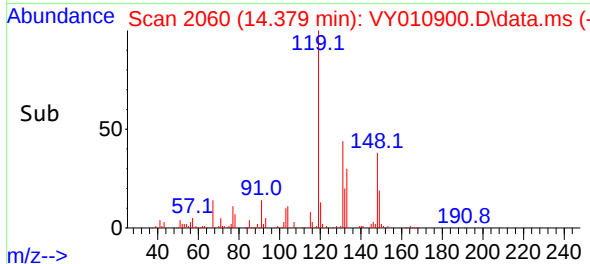
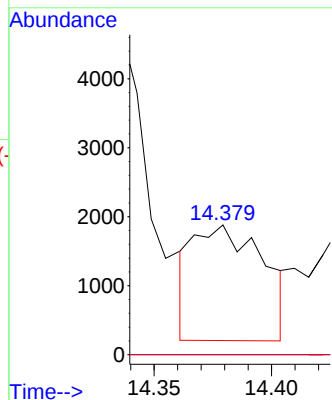
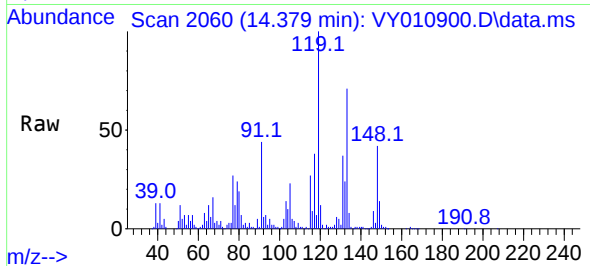




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 9.606 ug/l  
RT: 14.379 min Scan# 2056  
Delta R.T. 0.024 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 75 Resp: 3507  
Ion Ratio Lower Upper  
75 100  
155 0.0 38.0 113.9#  
157 0.0 47.8 143.3#



#95  
Naphthalene  
Concen: 3614.636 ug/l  
RT: 15.227 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: VY010900.D  
Acq: 10 Oct 2022 18:57

Tgt Ion: 128 Resp: 19933923  
Ion Ratio Lower Upper  
128 100  
127 20.9 11.0 16.4#  
129 18.4 8.4 12.6#

