

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081821\  
 Data File : VY005733.D  
 Acq On : 18 Aug 2021 12:39  
 Operator : SY/MD  
 Sample : M3439-01  
 Misc : 5.04G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

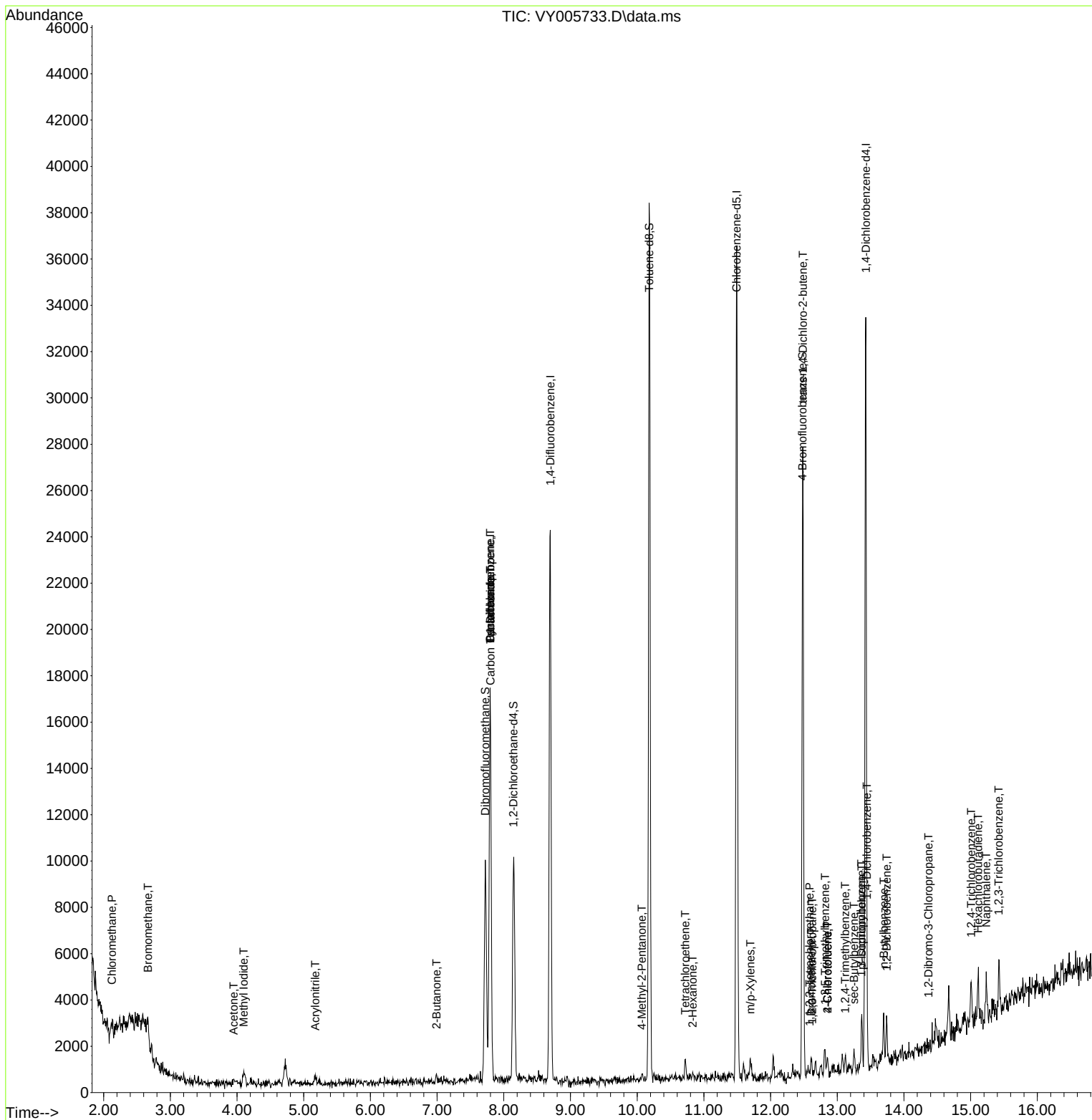
Quant Time: Aug 19 05:16:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

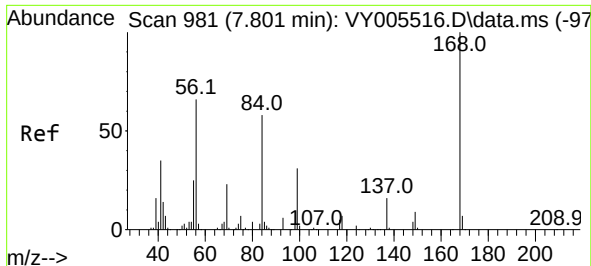
| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.795     | 168   | 13700    | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697     | 114   | 20649    | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.490    | 117   | 19521    | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428    | 152   | 8414     | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.143     | 65    | 8440     | 60.860    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery  | = 121.720% |          |
| 35) Dibromofluoromethane      | 7.722     | 113   | 6122     | 52.954    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery  | = 105.900% |          |
| 50) Toluene-d8                | 10.179    | 98    | 25091    | 51.749    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery  | = 103.500% |          |
| 62) 4-Bromofluorobenzene      | 12.477    | 95    | 7818     | 48.692    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery  | = 97.380%  |          |
| Target Compounds              |           |       |          |           |            |          |
|                               |           |       |          |           |            | Qvalue   |
| 3) Chloromethane              | 2.125     | 50    | 200      | 1.488     | ug/l       | 97       |
| 5) Bromomethane               | 2.662     | 94    | 139      | 1.312     | ug/l #     | 69       |
| 10) Methyl Iodide             | 4.101     | 142   | 827      | 5.677     | ug/l #     | 69       |
| 15) Acrylonitrile             | 5.174     | 53    | 376      | 9.745     | ug/l #     | 60       |
| 16) Acetone                   | 3.948     | 43    | 494      | 14.129    | ug/l #     | 45       |
| 20) Methylene Chloride        | 4.723     | 84    | 710      | Below Cal |            | 89       |
| 25) 2-Butanone                | 6.990     | 43    | 63       | 1.219     | ug/l #     | 48       |
| 31) Cyclohexane               | 7.795     | 56    | 320      | 1.345     | ug/l #     | 44       |
| 36) 1,1-Dichloropropene       | 7.795     | 75    | 841      | 4.342     | ug/l #     | 41       |
| 38) Carbon Tetrachloride      | 7.801     | 117   | 1102     | 5.235     | ug/l #     | 13       |
| 51) 4-Methyl-2-Pentanone      | 10.069    | 43    | 147      | 1.257     | ug/l       | 99       |
| 59) 2-Hexanone                | 10.831    | 43    | 248      | 2.999     | ug/l #     | 49       |
| 64) Tetrachloroethene         | 10.721    | 164   | 266      | 1.790     | ug/l #     | 60       |
| 68) m/p-Xylenes               | 11.697    | 106   | 370      | 1.337     | ug/l       | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587    | 83    | 125      | 1.107     | ug/l #     | 26       |
| 76) 1,2,3-Trichloropropane    | 12.624    | 75    | 138      | 1.583     | ug/l #     | 100      |
| 77) Bromobenzene              | 12.611    | 156   | 183      | 1.268     | ug/l       | 53       |
| 79) 2-Chlorotoluene           | 12.855    | 91    | 585      | 1.494     | ug/l       | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.819    | 105   | 709      | 1.455     | ug/l       | 89       |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 4273     | 98.790    | ug/l #     | 11       |
| 82) 4-Chlorotoluene           | 12.855    | 91    | 585      | 1.443     | ug/l       | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.117    | 105   | 623      | 1.295     | ug/l       | 92       |
| 85) sec-Butylbenzene          | 13.252    | 105   | 697      | 1.105     | ug/l       | 96       |
| 86) p-Isopropyltoluene        | 13.367    | 119   | 767      | 1.416     | ug/l       | 88       |
| 87) 1,3-Dichlorobenzene       | 13.361    | 146   | 675      | 2.397     | ug/l       | 92       |
| 88) 1,4-Dichlorobenzene       | 13.447    | 146   | 767      | 2.746     | ug/l       | 95       |
| 89) n-Butylbenzene            | 13.697    | 91    | 983      | 2.003     | ug/l       | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739    | 146   | 690      | 2.774     | ug/l       | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.367    | 75    | 22       | 1.027     | ug/l #     | 1        |
| 93) 1,2,4-Trichlorobenzene    | 15.007    | 180   | 766      | 4.484     | ug/l       | 89       |
| 94) Hexachlorobutadiene       | 15.111    | 225   | 427      | 3.860     | ug/l       | 90       |
| 95) Naphthalene               | 15.233    | 128   | 1516     | 4.502     | ug/l #     | 87       |
| 96) 1,2,3-Trichlorobenzene    | 15.422    | 180   | 603      | 3.984     | ug/l       | 85       |
| -----                         |           |       |          |           |            |          |

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

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Aug 19 05:16:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 03 04:52:05 2021  
Response via : Initial Calibration

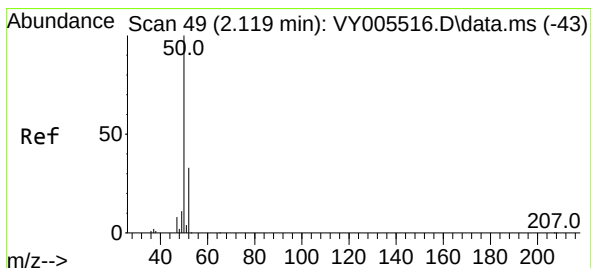
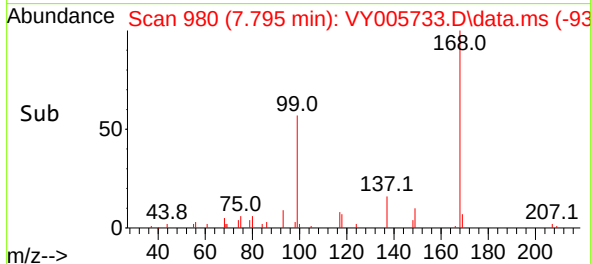
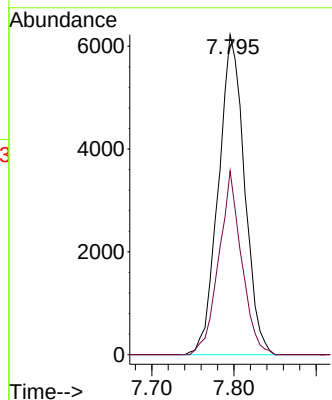
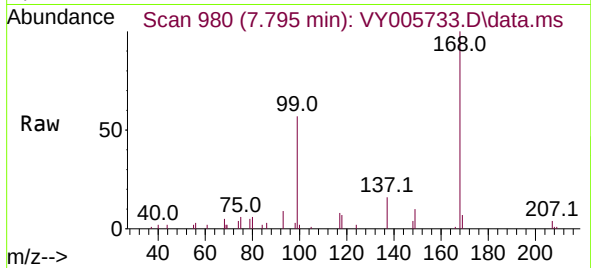




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

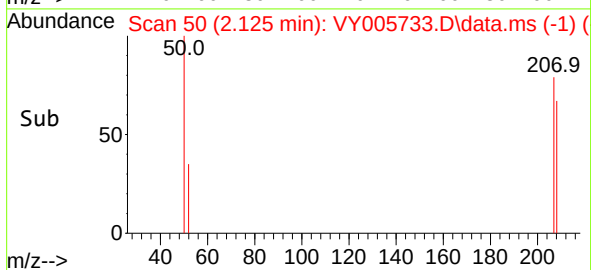
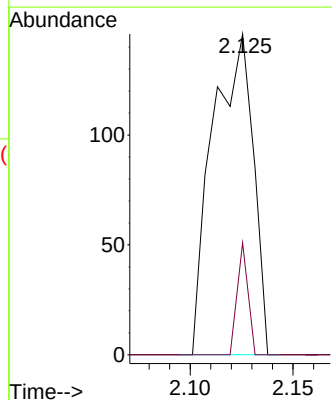
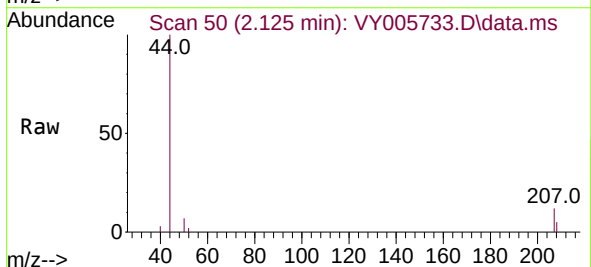
Instrument :  
MSVOA\_Y  
ClientSampled :

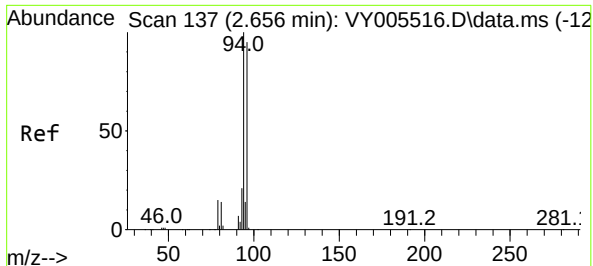
Tgt Ion:168 Resp: 13700  
Ion Ratio Lower Upper  
168 100  
99 57.4 38.9 58.3



#3  
Chloromethane  
Concen: 1.488 ug/l  
RT: 2.125 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion: 50 Resp: 200  
Ion Ratio Lower Upper  
50 100  
52 34.9 26.4 39.6

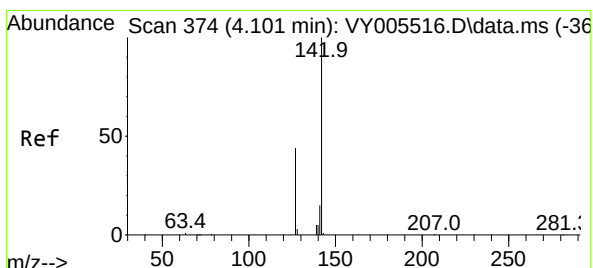
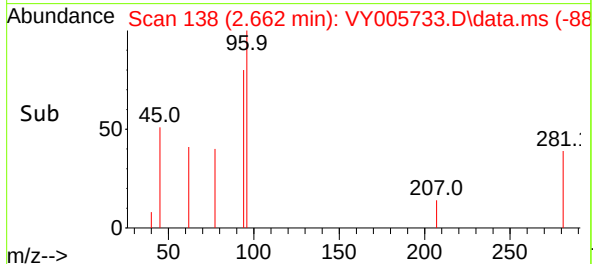
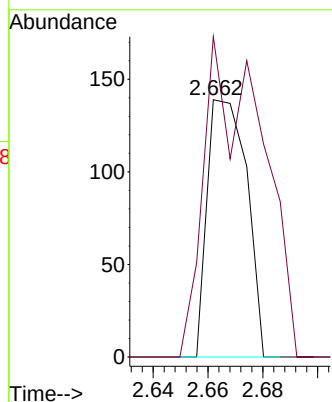
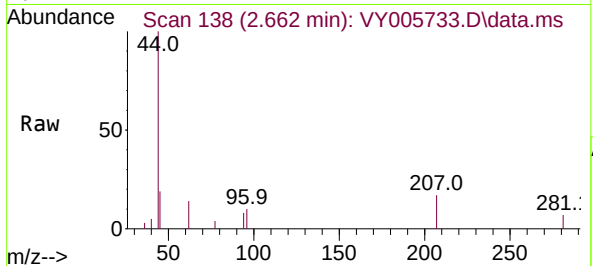




#5  
Bromomethane  
Concen: 1.312 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

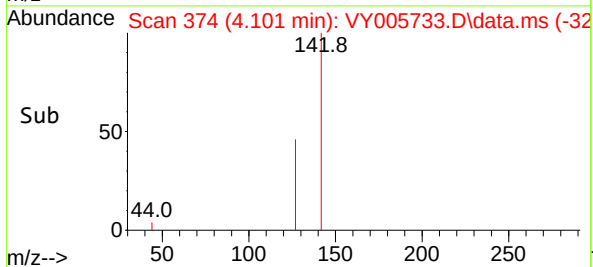
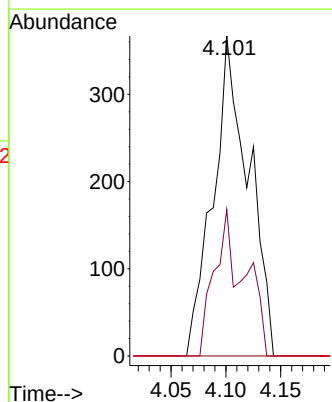
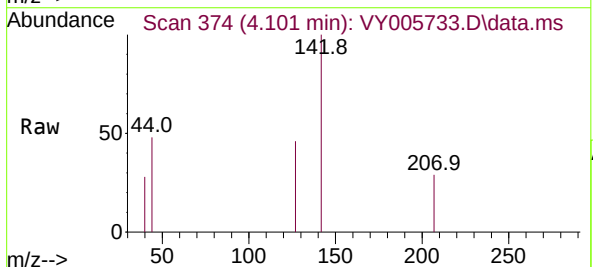
Instrument :  
MSVOA\_Y  
ClientSampleId :

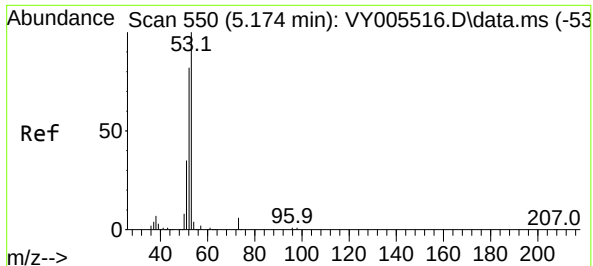
Tgt Ion: 94 Resp: 139  
Ion Ratio Lower Upper  
94 100  
96 124.5 75.7 113.5#



#10  
Methyl Iodide  
Concen: 5.677 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion:142 Resp: 827  
Ion Ratio Lower Upper  
142 100  
127 26.7 36.6 54.8#  
141 0.0 12.2 18.4#

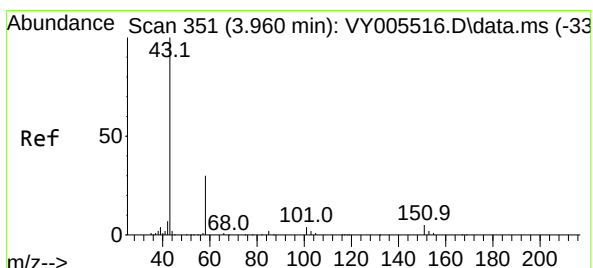
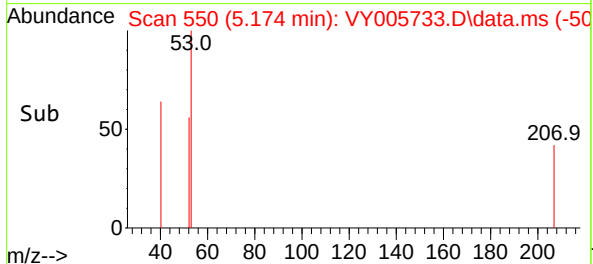
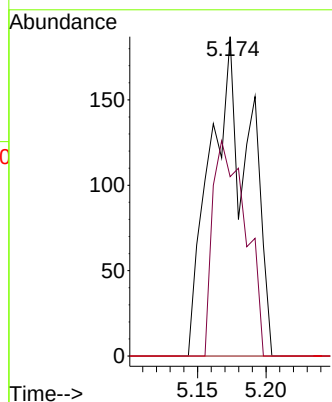
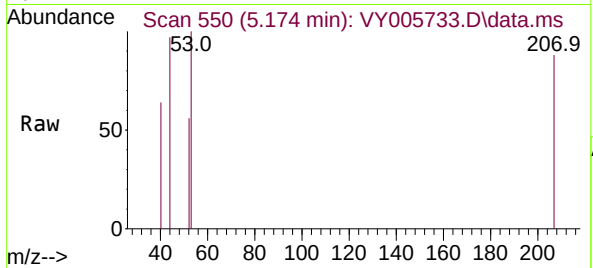




#15  
Acrylonitrile  
Concen: 9.745 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

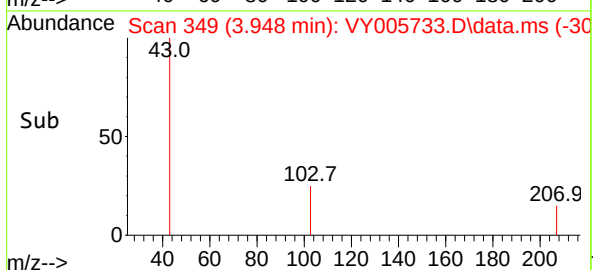
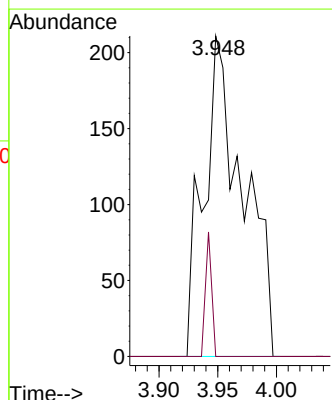
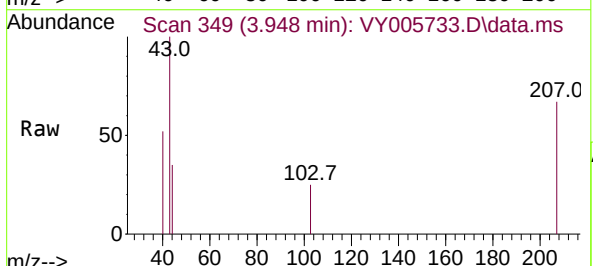
Instrument :  
MSVOA\_Y  
ClientSampled :

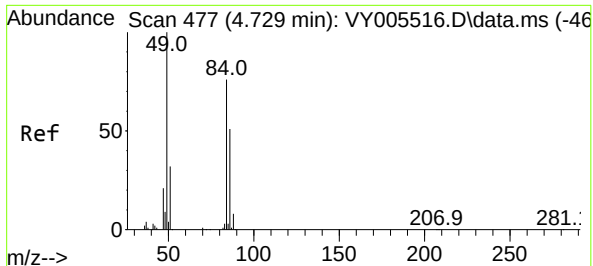
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 376   |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 55.9     | 66.6 99.8#  |
| 51 0.0      | 29.9 44.9#  |



#16  
Acetone  
Concen: 14.129 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. -0.012 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

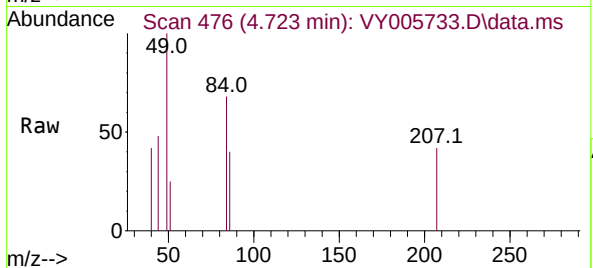
|             |           |       |  |
|-------------|-----------|-------|--|
| Tgt Ion: 43 | Resp: 494 |       |  |
| Ion Ratio   | Lower     | Upper |  |
| 43 100      |           |       |  |
| 58 0.0      | 23.8      | 35.6# |  |



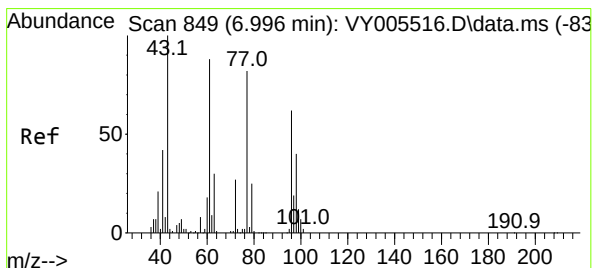
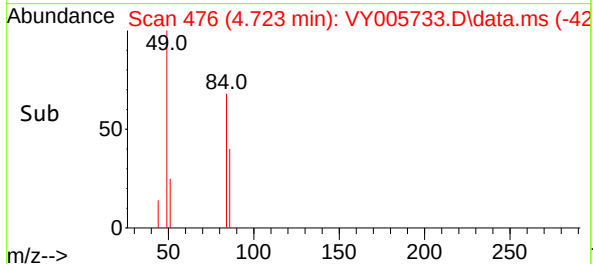
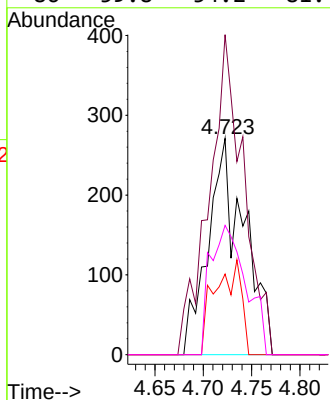


#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.723 min Scan# 476  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

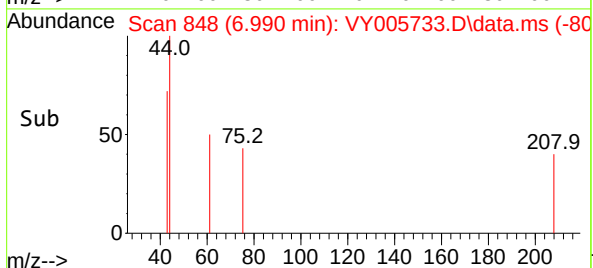
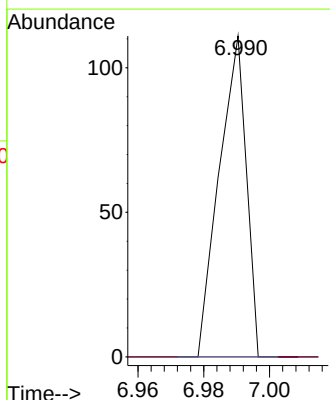
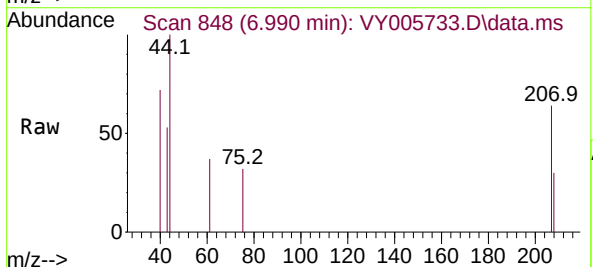


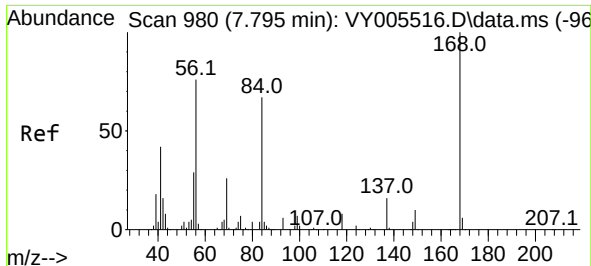
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 710   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 148.0 | 105.8 | 158.6 |
| 51       | 37.3  | 33.4  | 50.2  |
| 86       | 59.8  | 54.2  | 81.4  |



#25  
2-Butanone  
Concen: 1.219 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

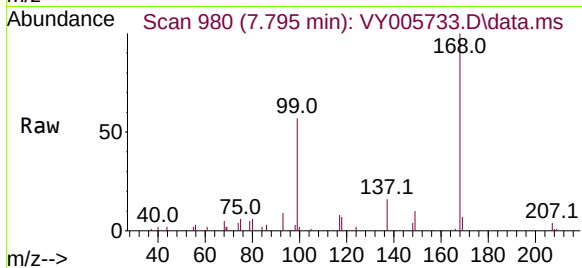
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 63    |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 21.4  | 32.2# |



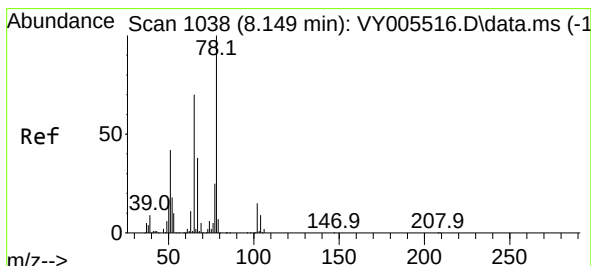
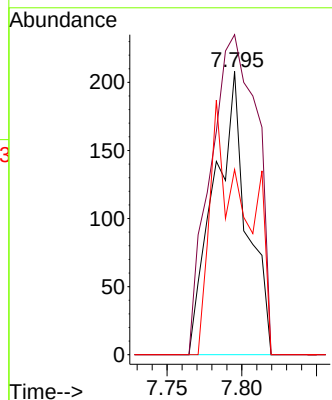
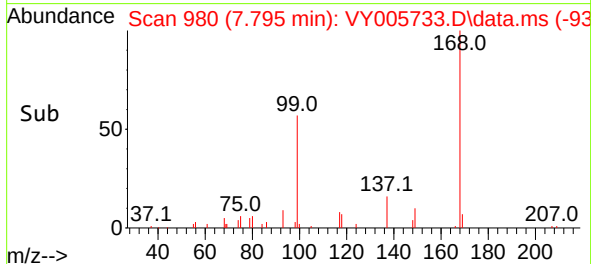


#31  
Cyclohexane  
Concen: 1.345 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

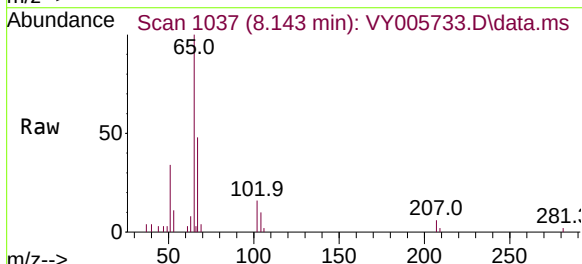
Instrument :  
MSVOA\_Y  
ClientSampled :



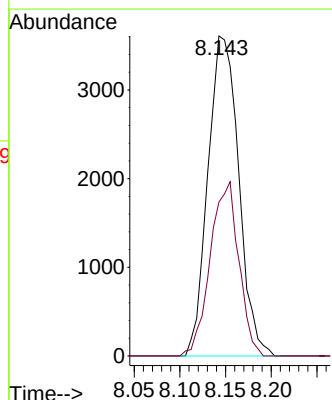
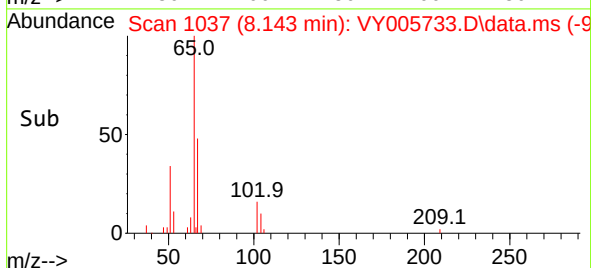
Tgt Ion: 56 Resp: 320  
Ion Ratio Lower Upper  
56 100  
69 113.0 27.7 41.5#  
84 65.4 70.9 106.3#



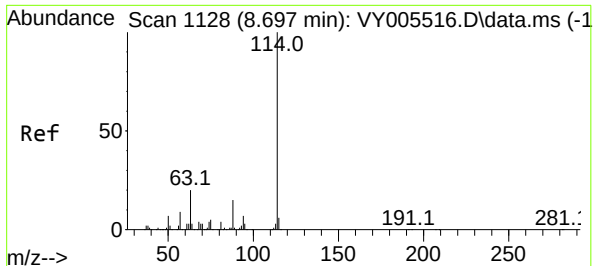
#33  
1,2-Dichloroethane-d4  
Concen: 60.860 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39



Tgt Ion: 65 Resp: 8440  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 103.4



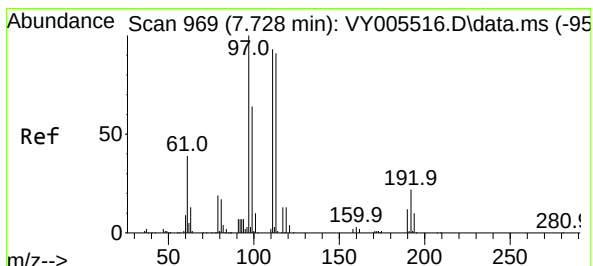
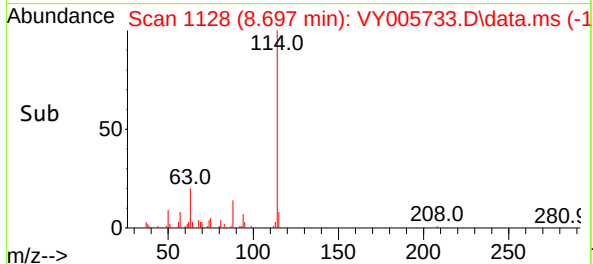
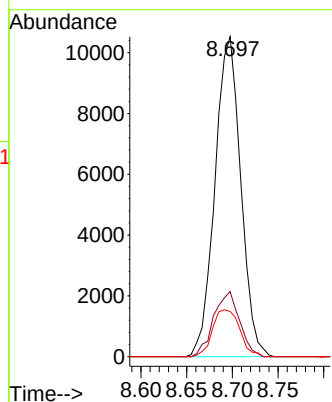
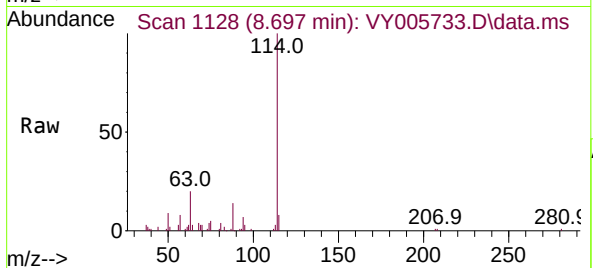




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

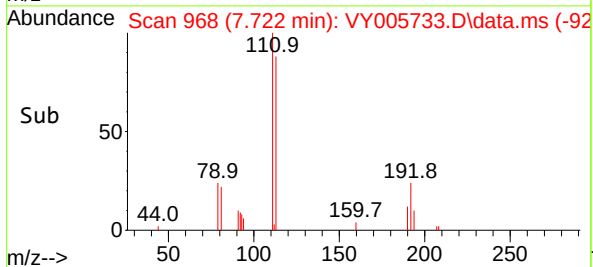
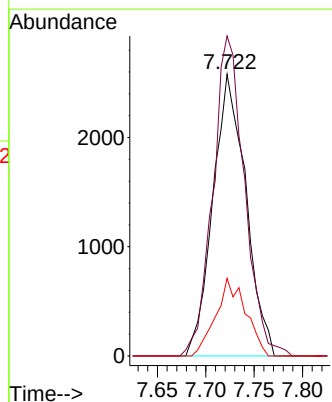
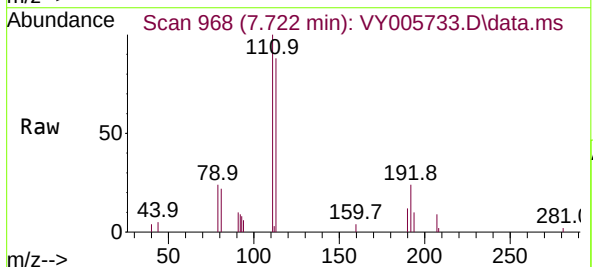
Instrument :  
MSVOA\_Y  
ClientSampled :

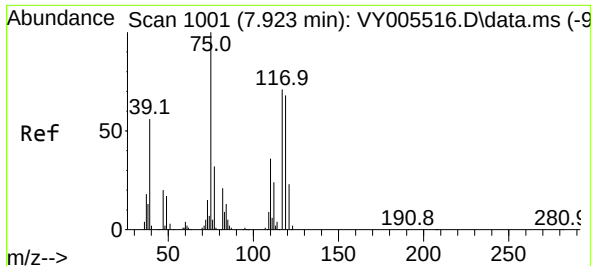
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 20649 |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 20.4  | 0.0   | 39.2  |
| 88       | 14.1  | 0.0   | 30.8  |



#35  
Dibromofluoromethane  
Concen: 52.954 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 6122  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 108.5 | 81.9  | 122.9 |
| 192      | 24.9  | 19.2  | 28.8  |





#36

1,1-Dichloropropene

Concen: 4.342 ug/l

RT: 7.795 min Scan# 980

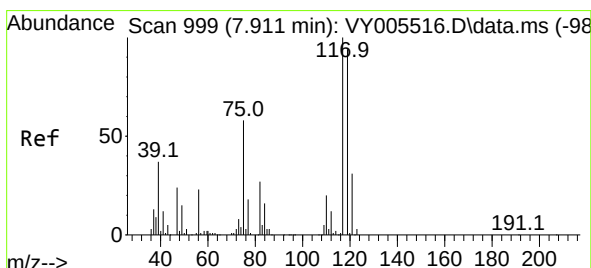
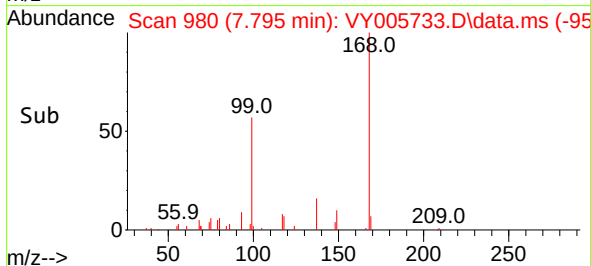
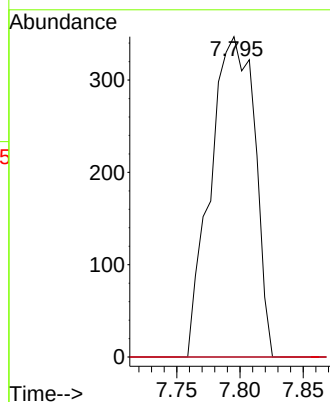
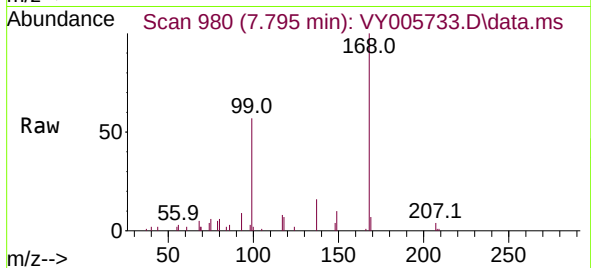
Delta R.T. -0.128 min

Lab File: VY005733.D

Acq: 18 Aug 2021 12:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 841   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.0   | 18.1  | 54.1# |
| 77       | 0.0   | 25.1  | 37.7# |

Instrument :  
MSVOA\_Y  
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.235 ug/l

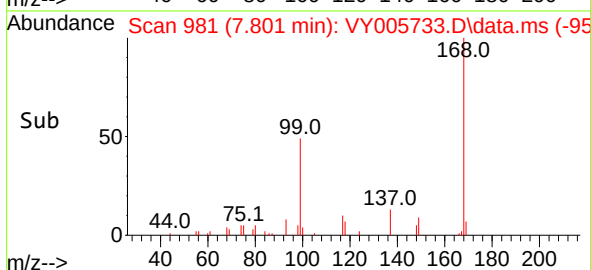
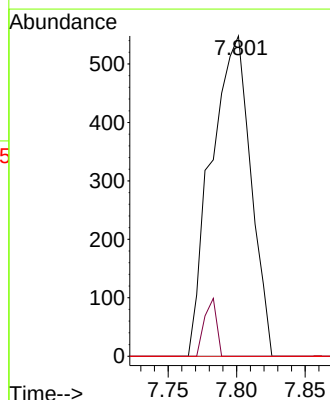
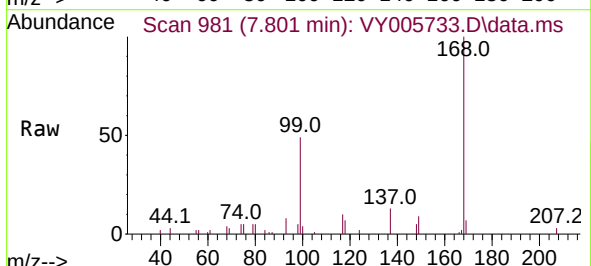
RT: 7.801 min Scan# 981

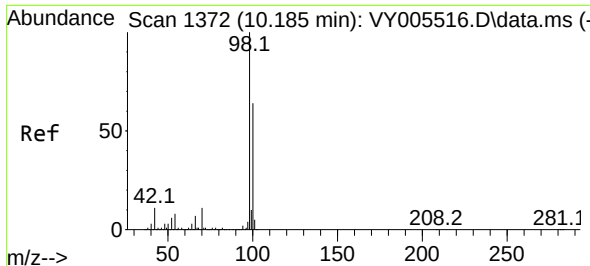
Delta R.T. -0.110 min

Lab File: VY005733.D

Acq: 18 Aug 2021 12:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 1102   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 0.0   | 75.4  | 113.0# |
| 121      | 0.0   | 25.1  | 37.7#  |

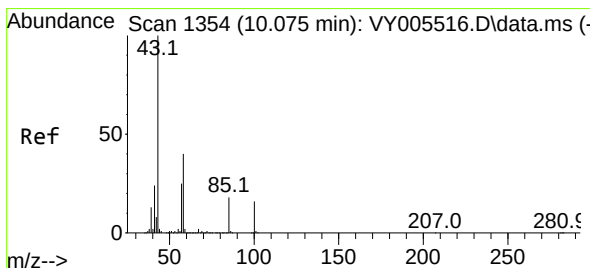
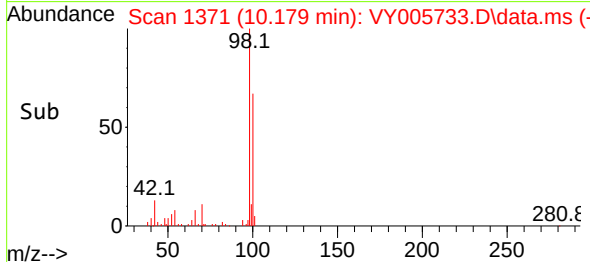
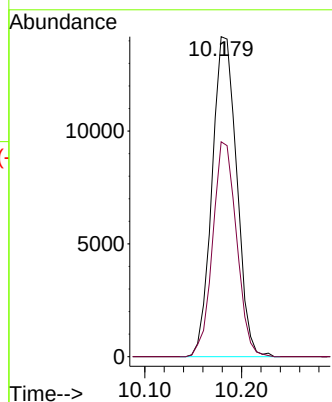
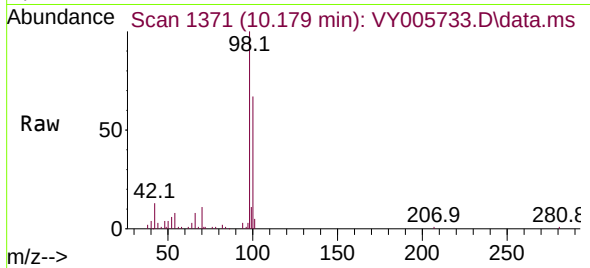




#50  
Toluene-d8  
Concen: 51.749 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

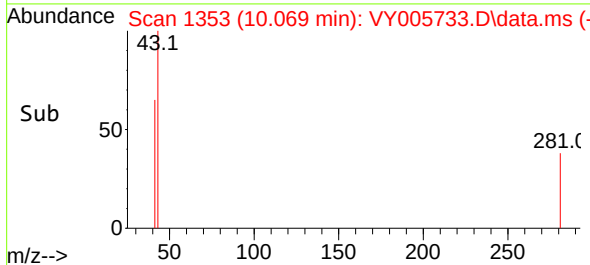
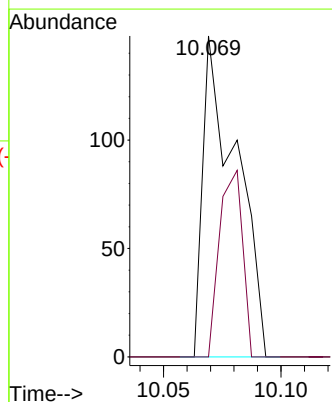
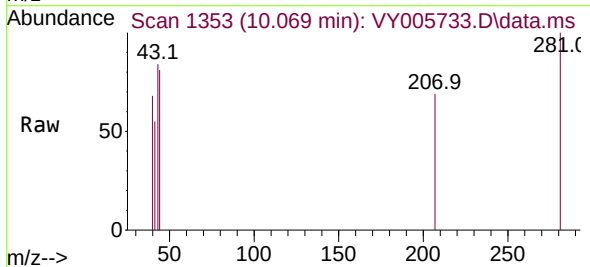
Instrument :  
MSVOA\_Y  
ClientSampled :

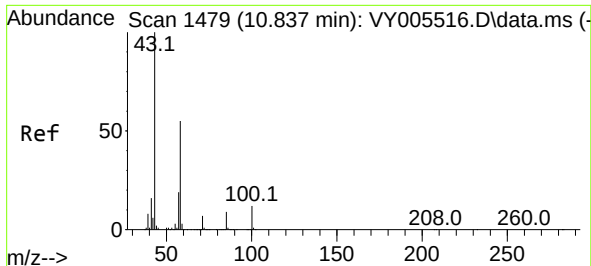
Tgt Ion: 98 Resp: 25091  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.3 76.9



#51  
4-Methyl-2-Pentanone  
Concen: 1.257 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion: 43 Resp: 147  
Ion Ratio Lower Upper  
43 100  
58 40.1 31.4 47.2

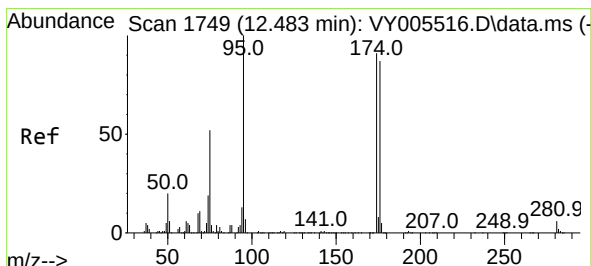
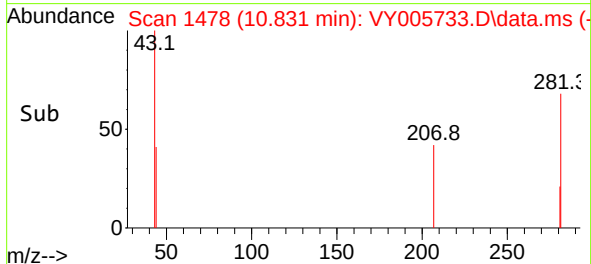
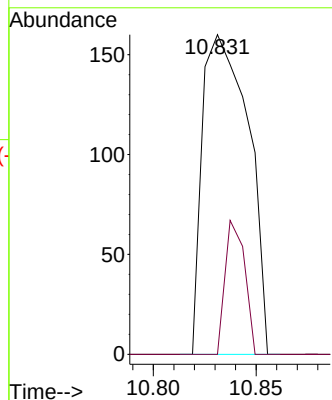
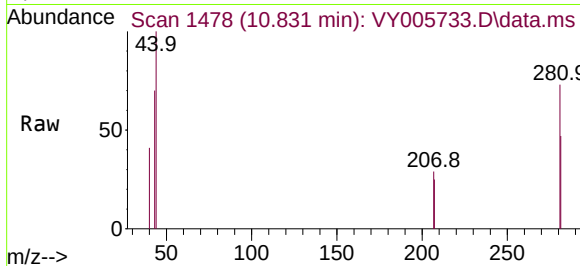




#59  
2-Hexanone  
Concen: 2.999 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

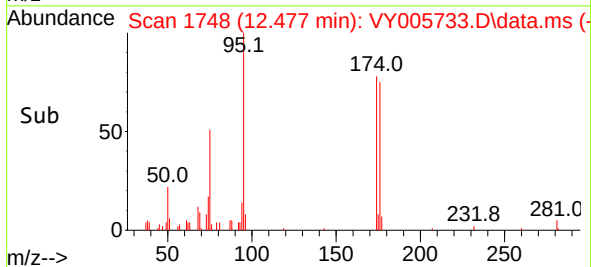
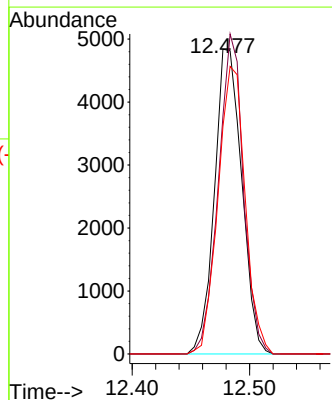
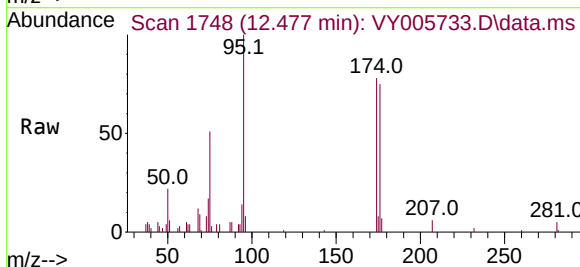
Instrument :  
MSVOA\_Y  
ClientSampleId :

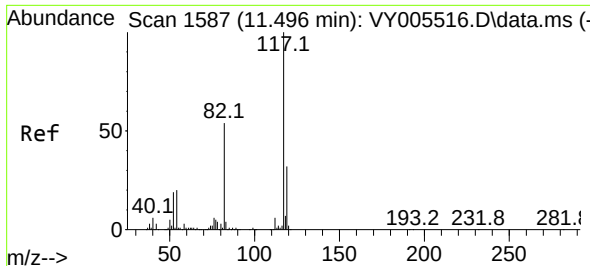
Tgt Ion: 43 Resp: 248  
Ion Ratio Lower Upper  
43 100  
58 17.7 27.1 81.2#



#62  
4-Bromofluorobenzene  
Concen: 48.692 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion: 95 Resp: 7818  
Ion Ratio Lower Upper  
95 100  
174 96.5 0.0 191.4  
176 93.7 0.0 183.6

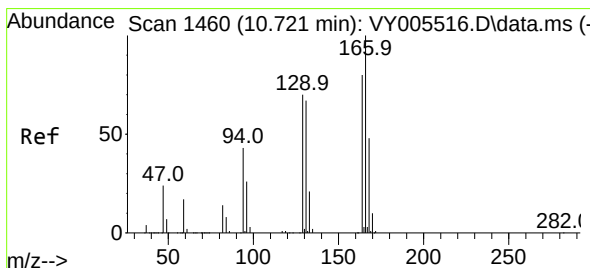
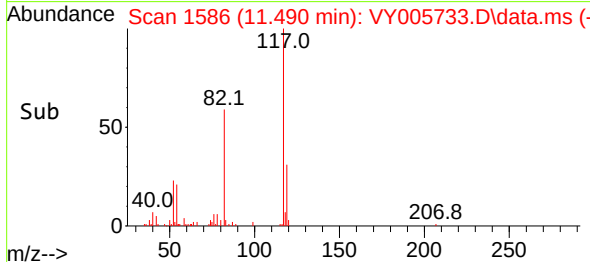
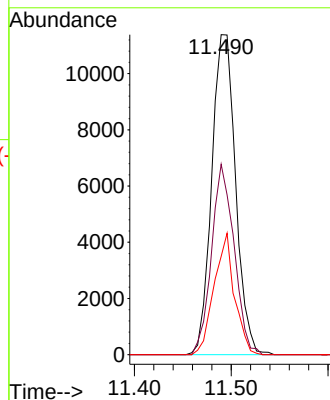
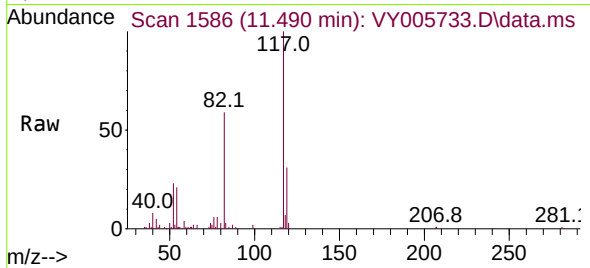




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

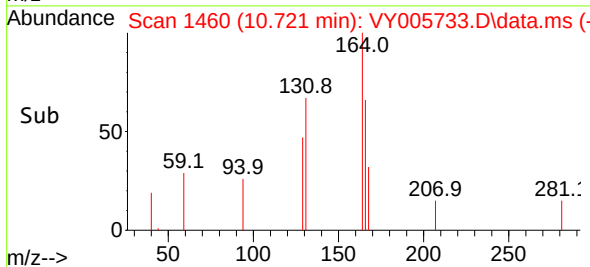
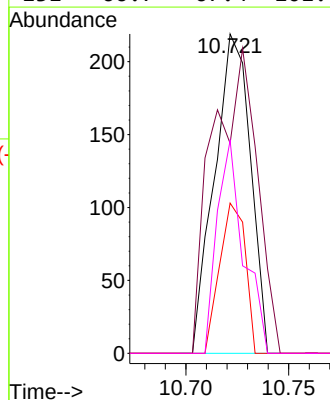
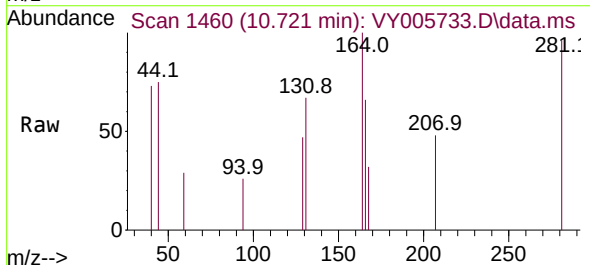
Instrument :  
MSVOA\_Y  
ClientSampleId :

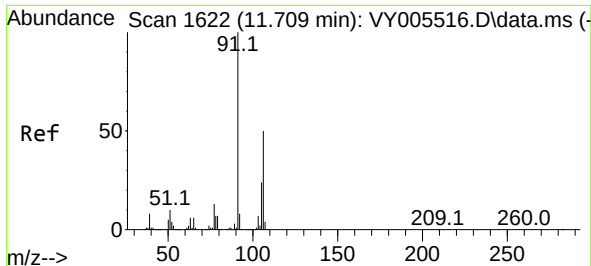
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:117 | Resp: | 19521     |
| Ion Ratio   | Lower | Upper     |
| 117         | 100   |           |
| 82          | 59.5  | 43.5 65.3 |
| 119         | 30.7  | 25.5 38.3 |



#64  
Tetrachloroethene  
Concen: 1.790 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 266         |
| Ion Ratio   | Lower | Upper       |
| 164         | 100   |             |
| 166         | 65.8  | 99.8 149.8# |
| 129         | 47.0  | 70.1 105.1# |
| 131         | 66.7  | 67.4 101.0# |

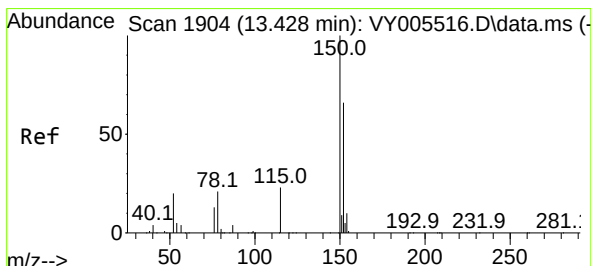
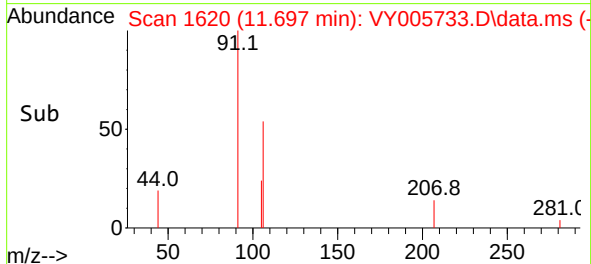
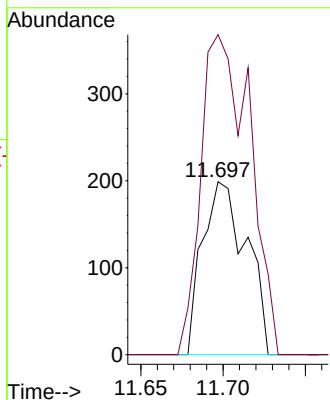
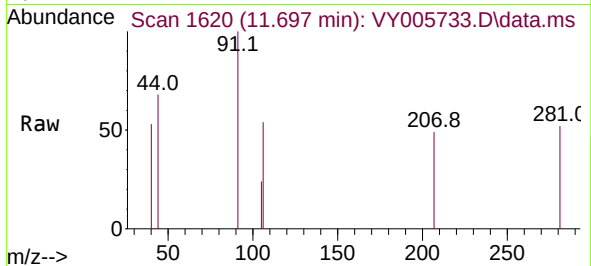




#68  
m/p-Xylenes  
Concen: 1.337 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.012 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

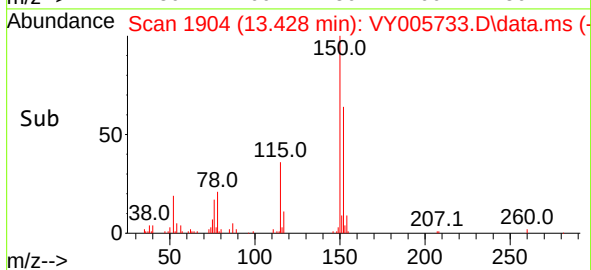
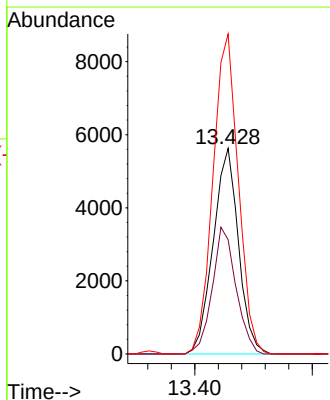
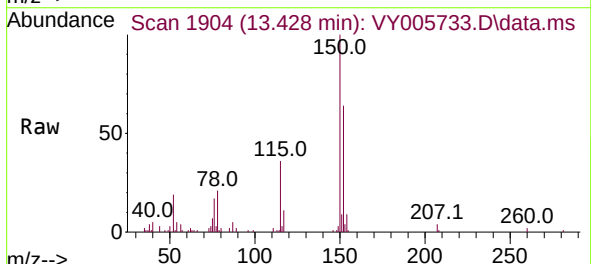
Instrument :  
MSVOA\_Y  
ClientSampleId :

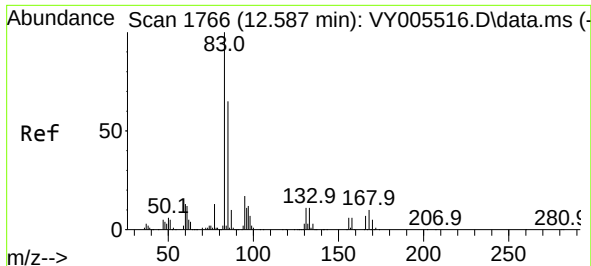
Tgt Ion:106 Resp: 370  
Ion Ratio Lower Upper  
106 100  
91 205.7 159.6 239.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion:152 Resp: 8414  
Ion Ratio Lower Upper  
152 100  
115 58.1 27.3 81.9  
150 155.6 0.0 350.2

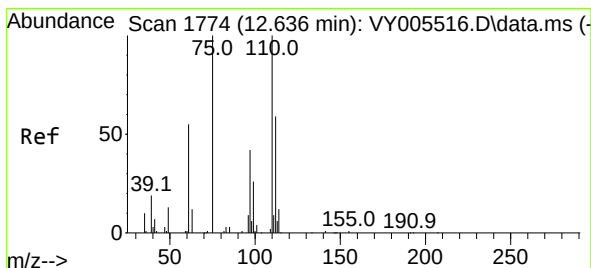
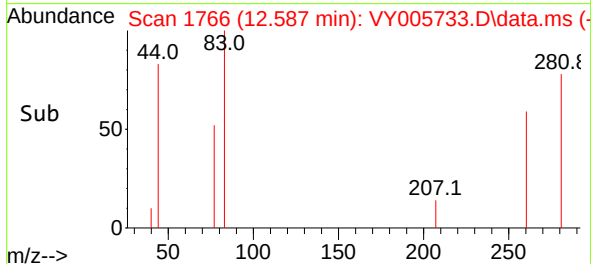
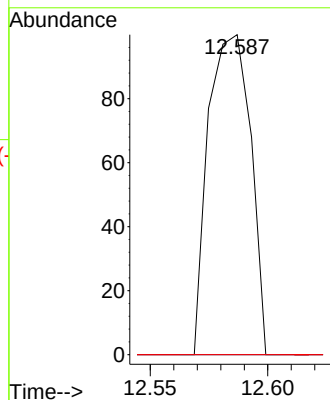
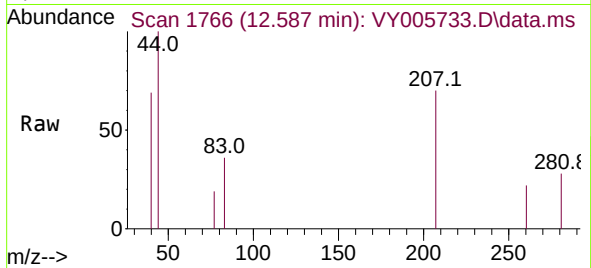




#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.107 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

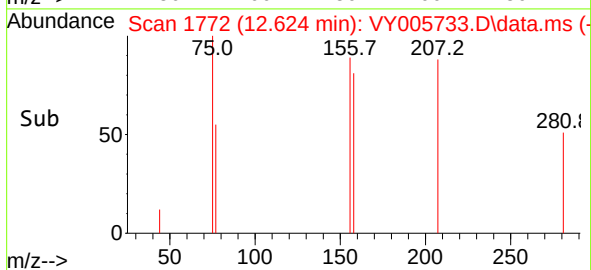
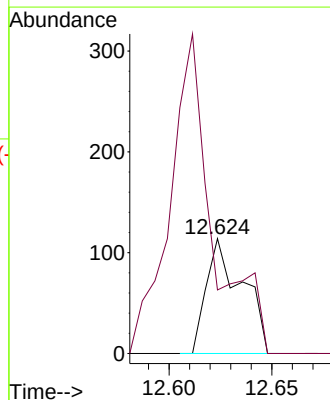
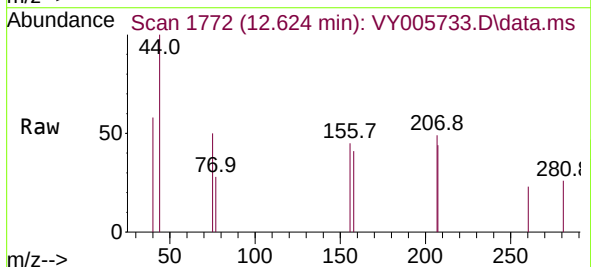
Instrument :  
MSVOA\_Y  
ClientSampled :

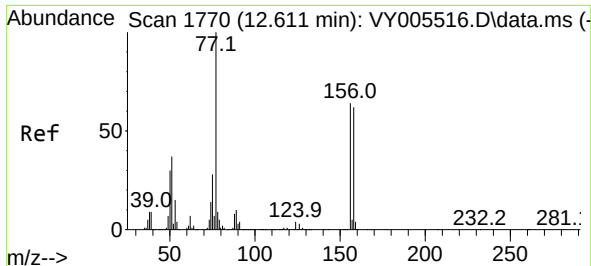
Tgt Ion: 83 Resp: 125  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.6 16.8#  
85 0.0 32.0 96.2#



#76  
1,2,3-Trichloropropane  
Concen: 1.583 ug/l  
RT: 12.624 min Scan# 1772  
Delta R.T. -0.012 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion: 75 Resp: 138  
Ion Ratio Lower Upper  
75 100  
77 331.9 0.0 0.0#

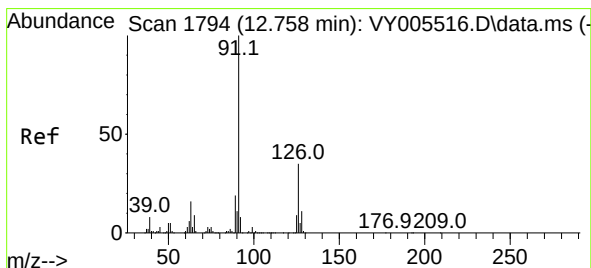
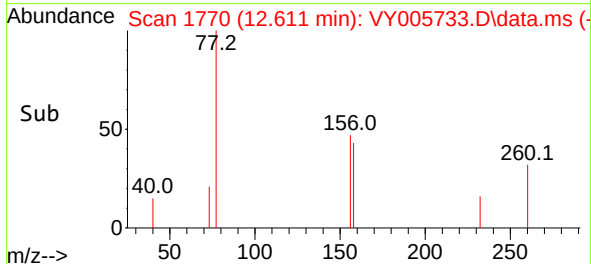
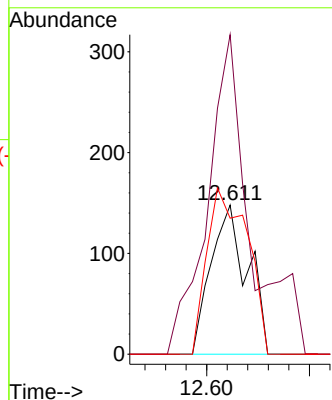
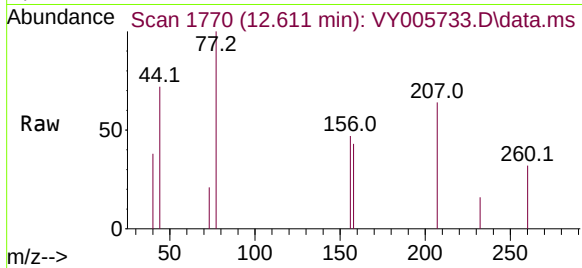




#77  
Bromobenzene  
Concen: 1.268 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

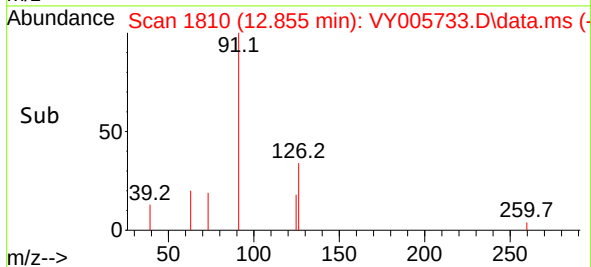
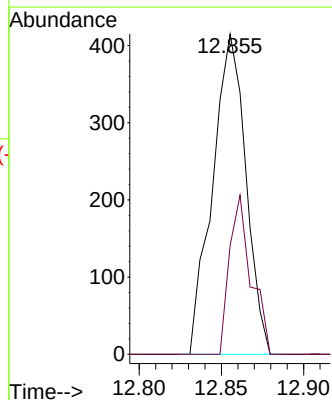
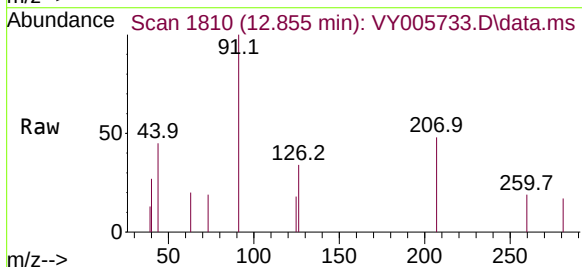
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:156 Resp: 183  
Ion Ratio Lower Upper  
156 100  
77 250.3 85.5 256.5  
158 124.0 48.5 145.6

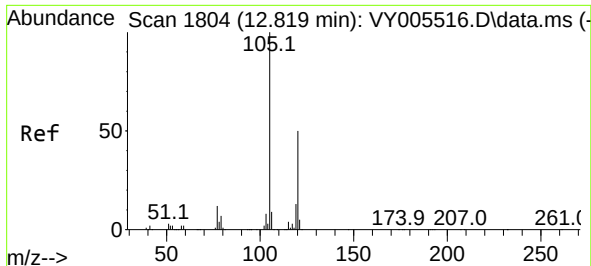


#79  
2-Chlorotoluene  
Concen: 1.494 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.098 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion: 91 Resp: 585  
Ion Ratio Lower Upper  
91 100  
126 32.5 17.5 52.6



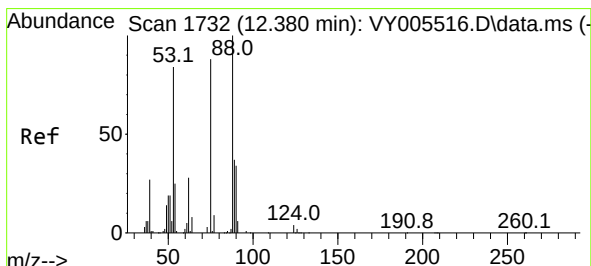
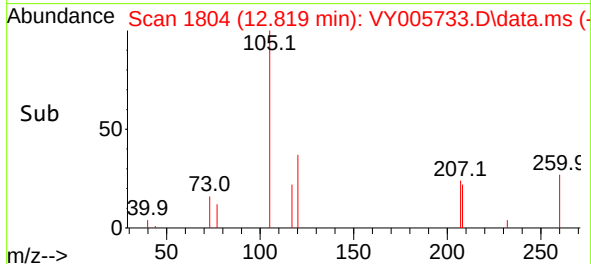
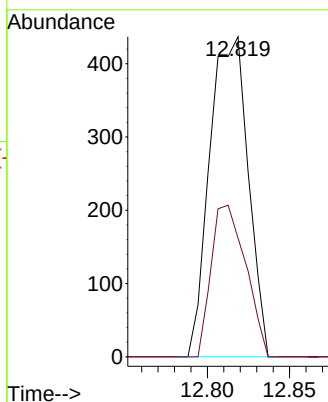
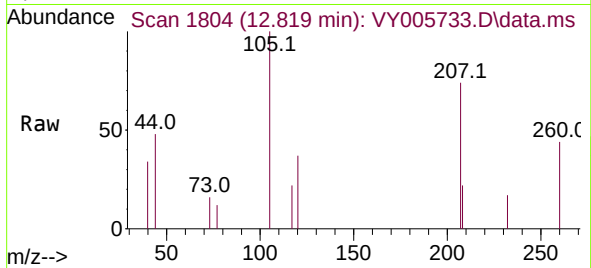




#80  
1,3,5-Trimethylbenzene  
Concen: 1.455 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

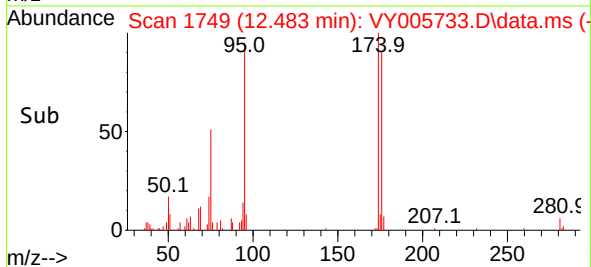
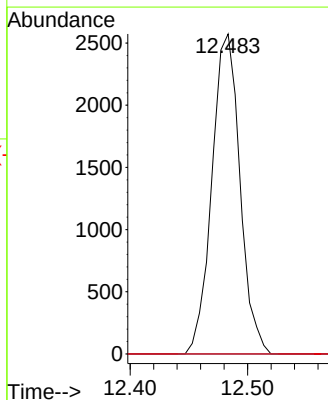
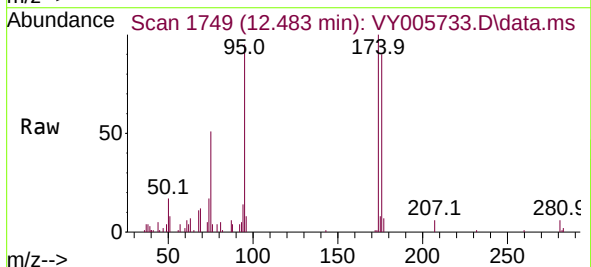
Instrument :  
MSVOA\_Y  
ClientSampleId :

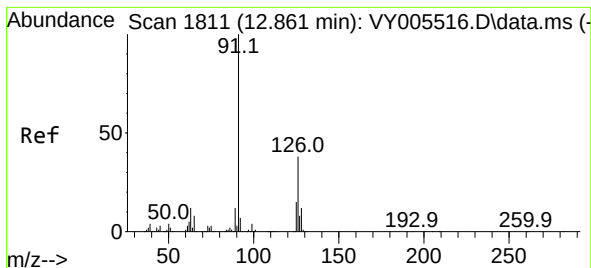
Tgt Ion:105 Resp: 709  
Ion Ratio Lower Upper  
105 100  
120 42.6 25.0 75.0



#81  
trans-1,4-Dichloro-2-butene  
Concen: 98.790 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion: 75 Resp: 4273  
Ion Ratio Lower Upper  
75 100  
53 0.0 76.7 115.1#  
89 0.0 38.4 57.6#

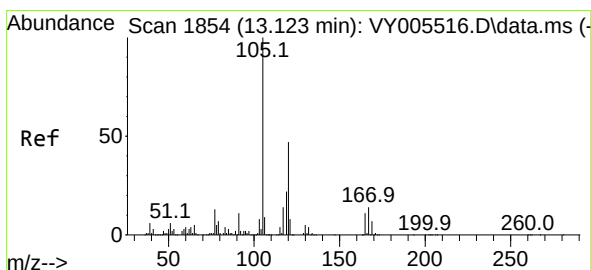
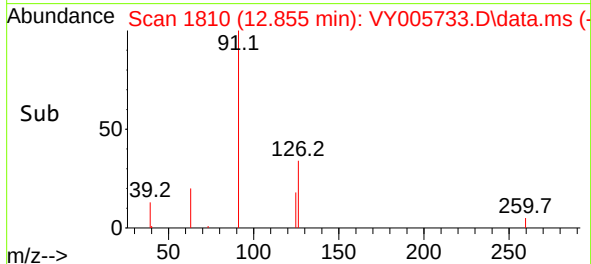
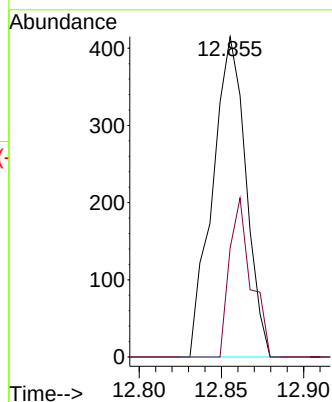
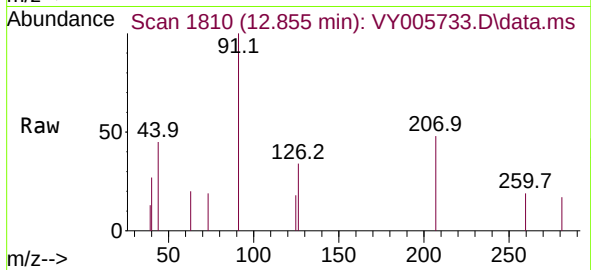




#82  
4-Chlorotoluene  
Concen: 1.443 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

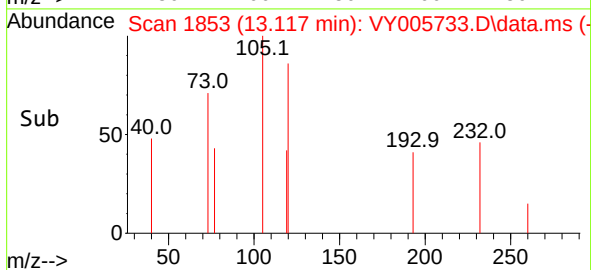
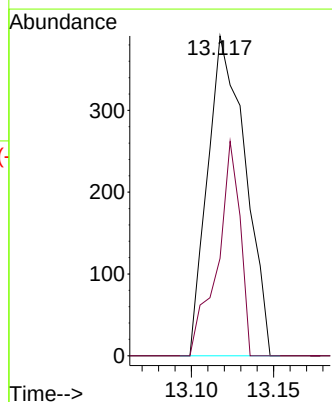
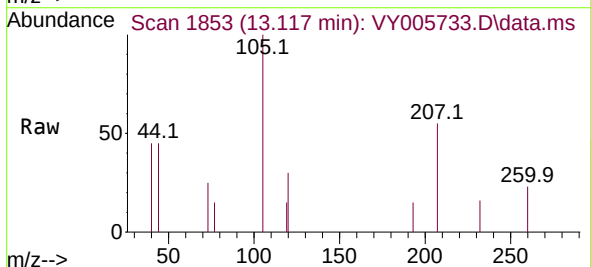
Instrument :  
MSVOA\_Y  
ClientSampled :

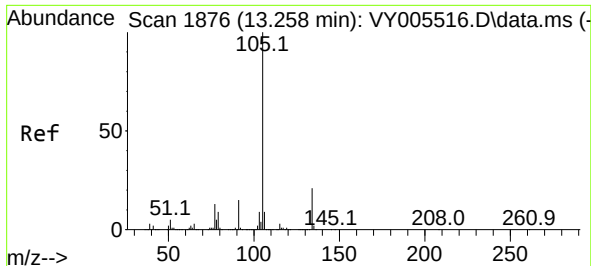
Tgt Ion: 91 Resp: 585  
Ion Ratio Lower Upper  
91 100  
126 32.5 17.5 52.5



#84  
1,2,4-Trimethylbenzene  
Concen: 1.295 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

Tgt Ion: 105 Resp: 623  
Ion Ratio Lower Upper  
105 100  
120 40.3 22.9 68.5

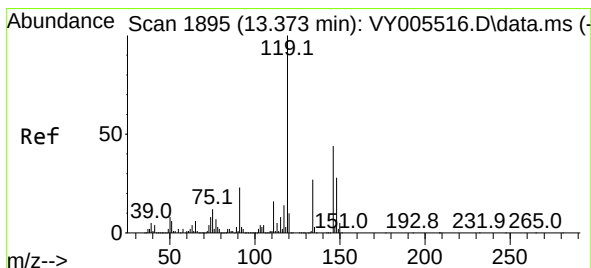
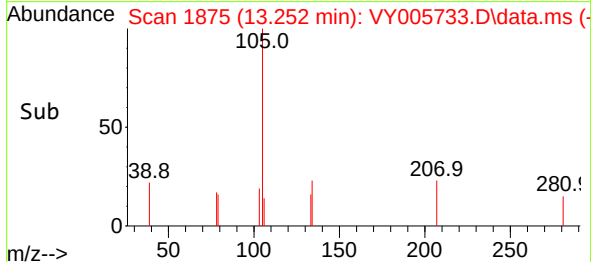
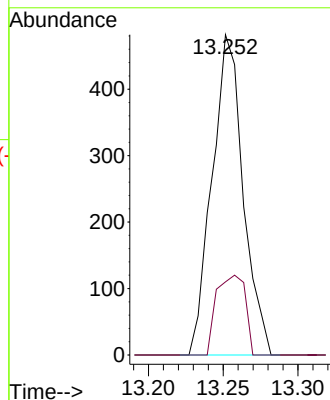
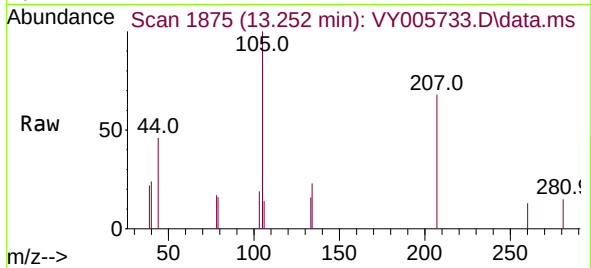




#85  
 sec-Butylbenzene  
 Concen: 1.105 ug/l  
 RT: 13.252 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY005733.D  
 Acq: 18 Aug 2021 12:39

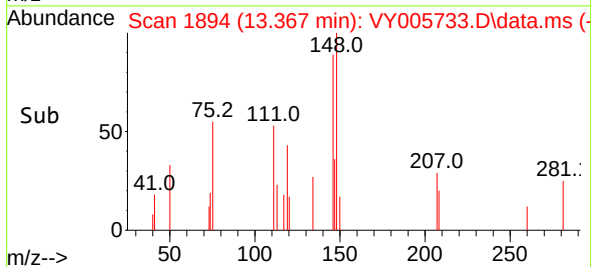
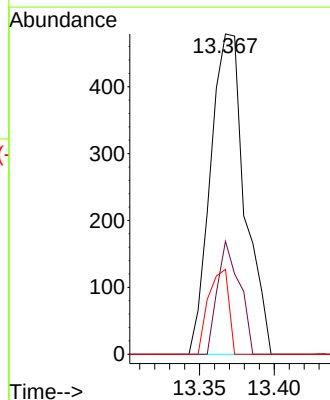
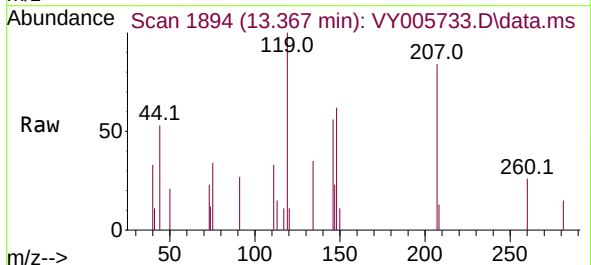
Instrument :  
 MSVOA\_Y  
 ClientSampled :

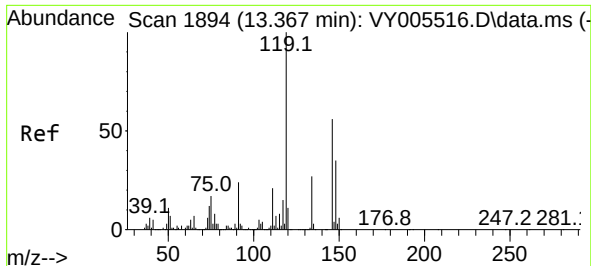
Tgt Ion:105 Resp: 697  
 Ion Ratio Lower Upper  
 105 100  
 134 23.0 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 1.416 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY005733.D  
 Acq: 18 Aug 2021 12:39

Tgt Ion:119 Resp: 767  
 Ion Ratio Lower Upper  
 119 100  
 134 22.7 13.6 40.7  
 91 15.5 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 2.397 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY005733.D

Acq: 18 Aug 2021 12:39

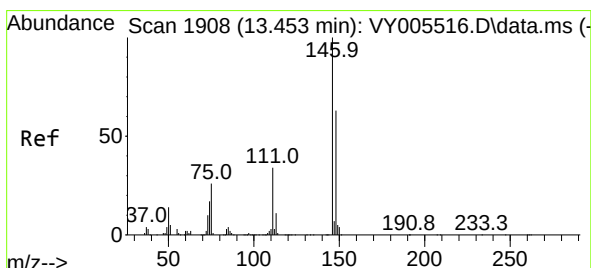
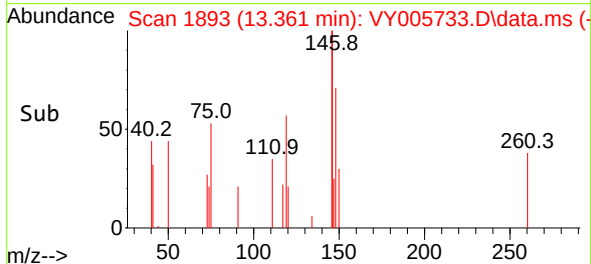
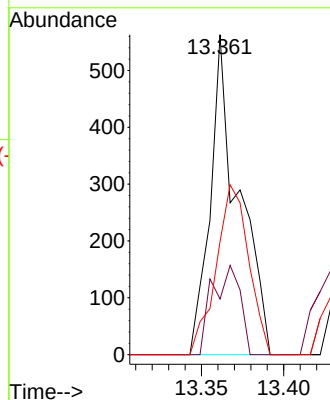
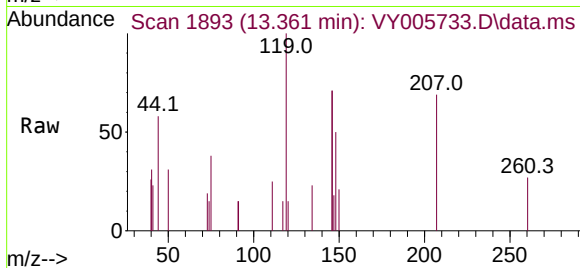
Tgt Ion:146 Resp: 675

Ion Ratio Lower Upper

146 100

111 27.3 18.6 56.0

148 60.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.746 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY005733.D

Acq: 18 Aug 2021 12:39

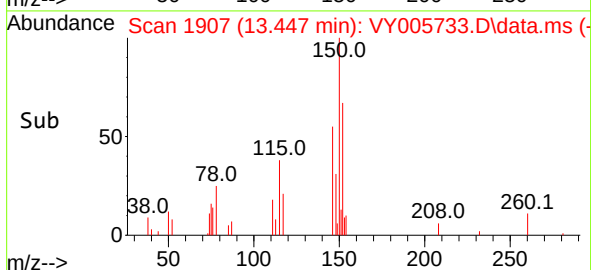
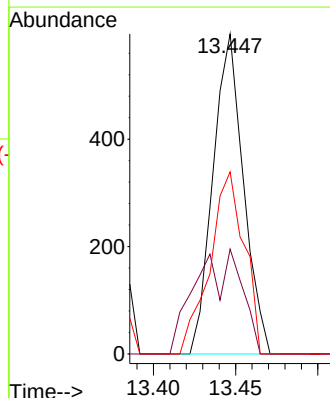
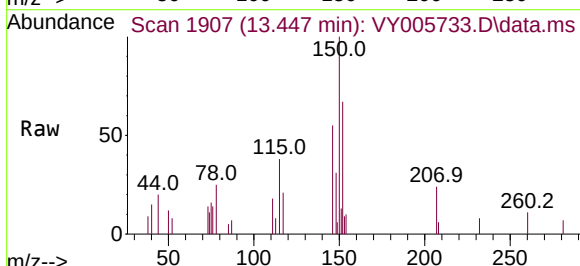
Tgt Ion:146 Resp: 767

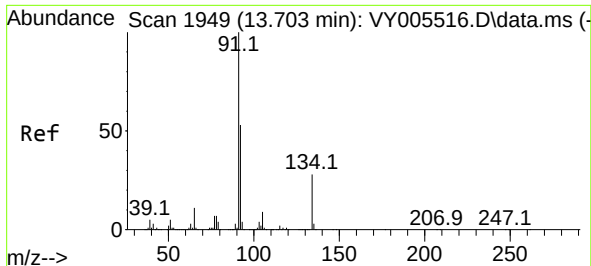
Ion Ratio Lower Upper

146 100

111 29.6 18.1 54.3

148 64.1 31.8 95.3

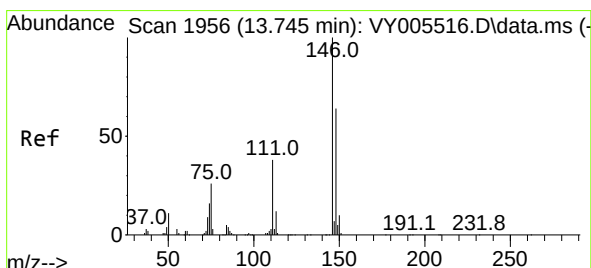
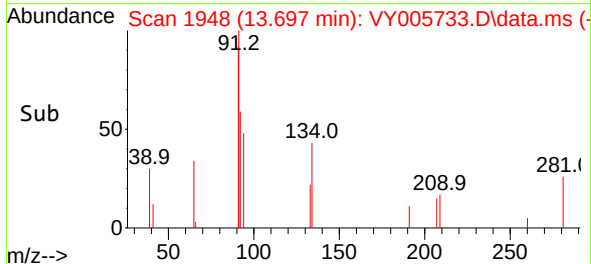
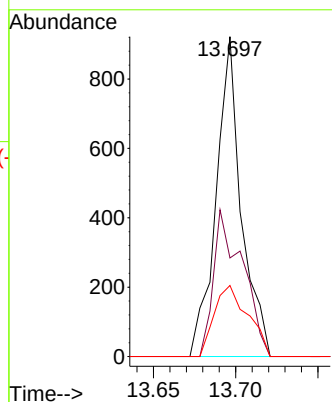
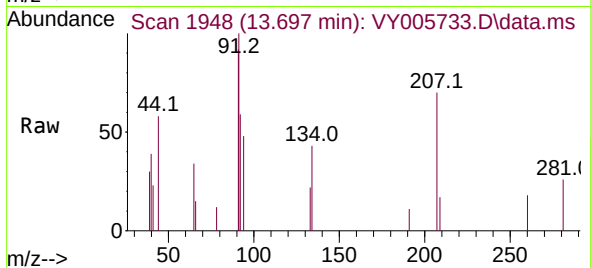




#89  
n-Butylbenzene  
Concen: 2.003 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

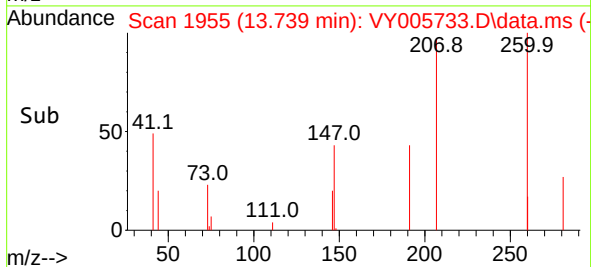
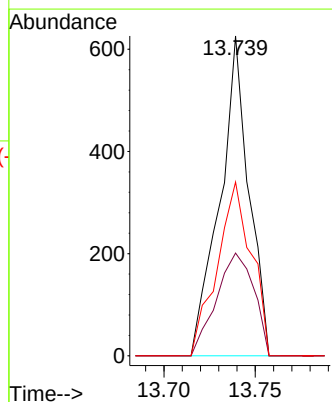
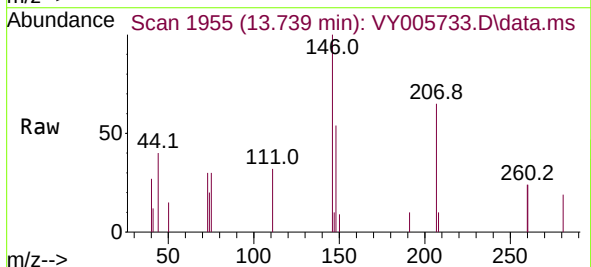
Instrument :  
MSVOA\_Y  
ClientSampleId :

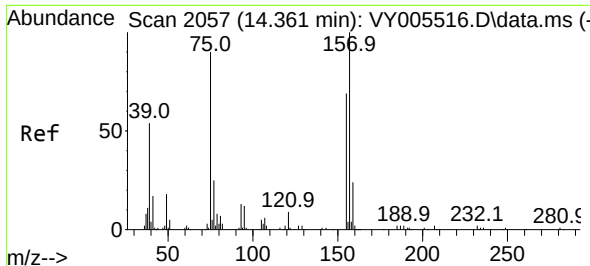
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 983   |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.9  | 26.7  | 80.1  |
| 134      | 29.7  | 13.8  | 41.4  |



#91  
1,2-Dichlorobenzene  
Concen: 2.774 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

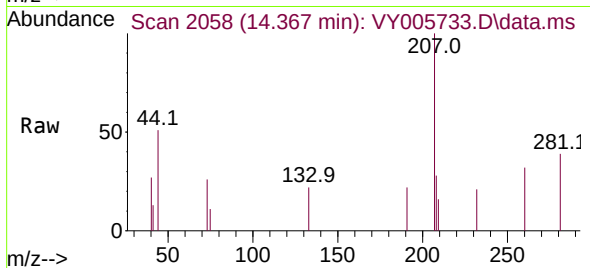
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 690   |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 41.4  | 19.4  | 58.2  |
| 148      | 64.1  | 31.9  | 95.5  |



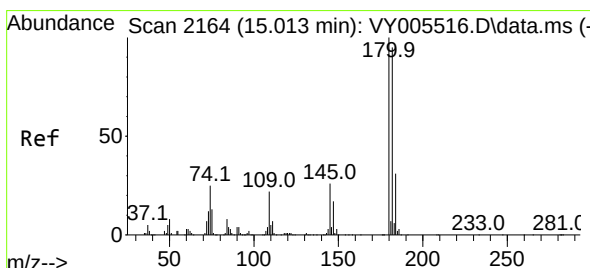
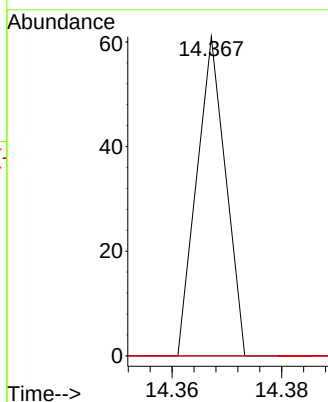
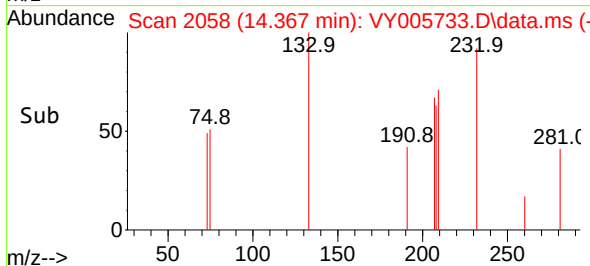


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.027 ug/l  
 RT: 14.367 min Scan# 2058  
 Delta R.T. 0.006 min  
 Lab File: VY005733.D  
 Acq: 18 Aug 2021 12:39

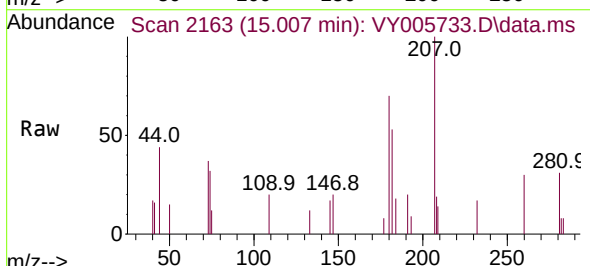
Instrument :  
 MSVOA\_Y  
 ClientSampled :



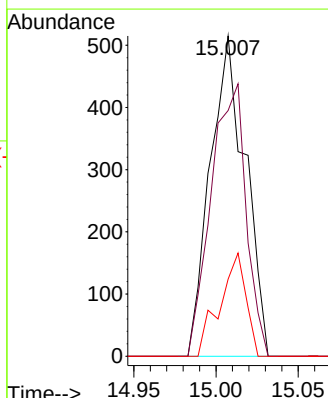
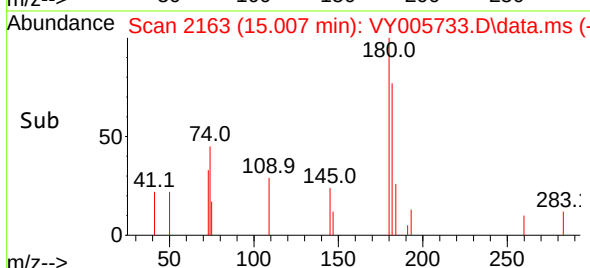
Tgt Ion: 75 Resp: 22  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 42.4 127.1#  
 157 0.0 56.0 168.2#

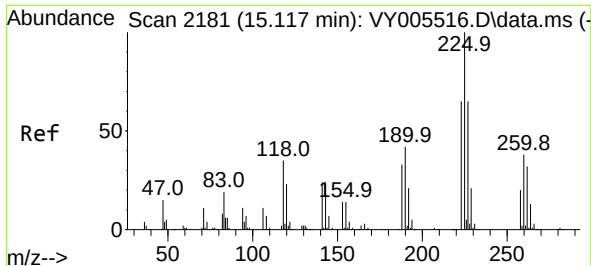


#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.484 ug/l  
 RT: 15.007 min Scan# 2163  
 Delta R.T. -0.006 min  
 Lab File: VY005733.D  
 Acq: 18 Aug 2021 12:39



Tgt Ion: 180 Resp: 766  
 Ion Ratio Lower Upper  
 180 100  
 182 84.5 47.8 143.4  
 145 24.0 14.0 42.0

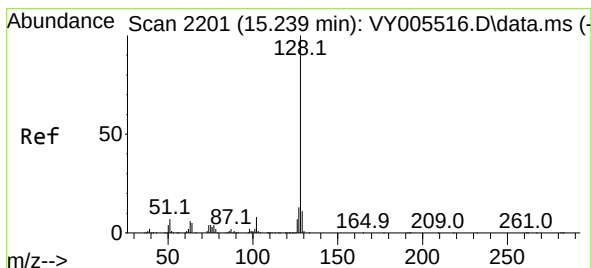
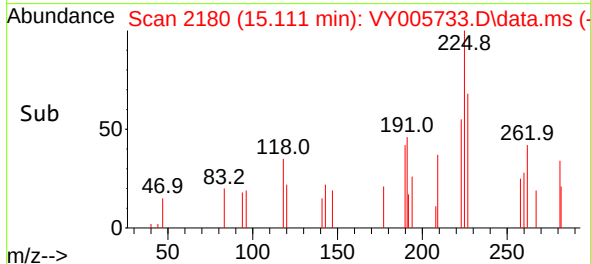
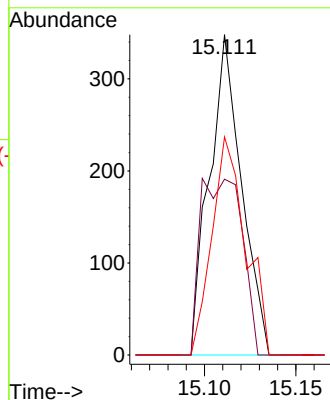
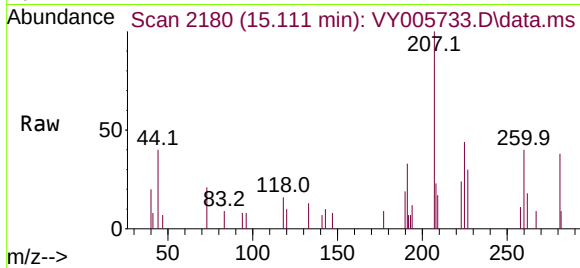




#94  
Hexachlorobutadiene  
Concen: 3.860 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

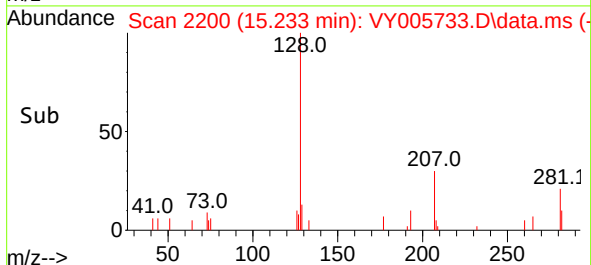
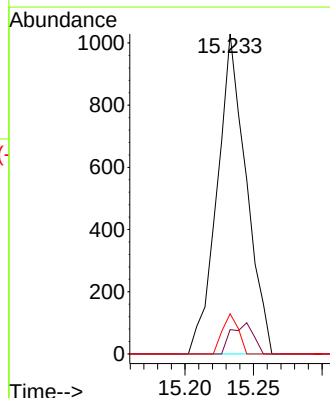
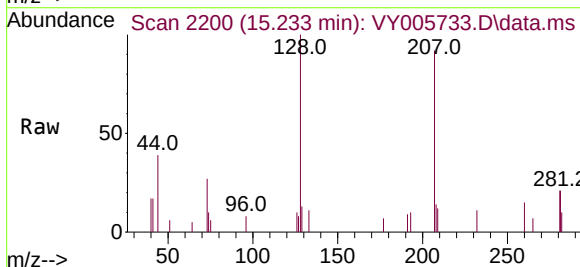
Instrument :  
MSVOA\_Y  
ClientSampled :

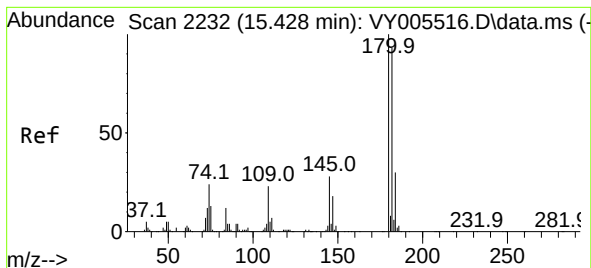
Tgt Ion:225 Resp: 427  
Ion Ratio Lower Upper  
225 100  
223 71.9 31.4 94.0  
227 71.0 32.2 96.6



#95  
Naphthalene  
Concen: 4.502 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: VY005733.D  
Acq: 18 Aug 2021 12:39

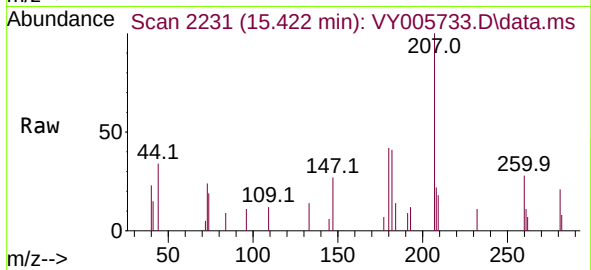
Tgt Ion:128 Resp: 1516  
Ion Ratio Lower Upper  
128 100  
127 7.4 10.6 15.8#  
129 6.8 8.7 13.1#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.984 ug/l  
 RT: 15.422 min Scan# 2231  
 Delta R.T. -0.006 min  
 Lab File: VY005733.D  
 Acq: 18 Aug 2021 12:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 603   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 111.4 | 47.9  | 143.6 |
| 145      | 35.0  | 14.6  | 44.0  |

