

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032122\  
 Data File : VY007985.D  
 Acq On : 22 Mar 2022 04:37  
 Operator : SY/MD  
 Sample : N2057-04  
 Misc : 6.43/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UST-7-WEST-SIDEWALL

Quant Time: Mar 22 06:56:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y031722S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 13:55:34 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 7660     | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 14867    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 10954    | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 5576     | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 5850     | 66.981   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 133.960%  |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 4842     | 46.375   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 92.740%   |      |
| 50) Toluene-d8              | 10.179 | 98    | 27101    | 90.641   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 181.280%# |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 11593    | 77.365   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 154.740%# |      |

|                               |        |     |       |           |        |        |
|-------------------------------|--------|-----|-------|-----------|--------|--------|
| Target Compounds              |        |     |       |           |        | Qvalue |
| 3) Chloromethane              | 2.113  | 50  | 544   | 3.282     | ug/l # | 72     |
| 4) Vinyl Chloride             | 2.266  | 62  | 425   | 1.816     | ug/l # | 43     |
| 5) Bromomethane               | 2.662  | 94  | 247   | Below Cal | #      | 55     |
| 10) Methyl Iodide             | 4.101  | 142 | 243   | 2.898     | ug/l # | 55     |
| 11) Tert butyl alcohol        | 4.930  | 59  | 75    | 7.371     | ug/l # | 77     |
| 13) Acrolein                  | 3.814  | 56  | 19    | 3.100     | ug/l # | 54     |
| 15) Acrylonitrile             | 5.241  | 53  | 535   | 19.260    | ug/l # | 19     |
| 16) Acetone                   | 3.930  | 43  | 1127  | 48.641    | ug/l # | 77     |
| 18) Methyl Acetate            | 4.454  | 43  | 255   | Below Cal | #      | 77     |
| 20) Methylene Chloride        | 4.716  | 84  | 361   | Below Cal | #      | 52     |
| 25) 2-Butanone                | 6.997  | 43  | 2030  | 54.699    | ug/l # | 79     |
| 29) Tetrahydrofuran           | 7.350  | 42  | 53    | 2.229     | ug/l # | 38     |
| 31) Cyclohexane               | 7.777  | 56  | 20739 | 175.347   | ug/l   | 92     |
| 36) 1,1-Dichloropropene       | 7.795  | 75  | 676   | 4.365     | ug/l # | 65     |
| 38) Carbon Tetrachloride      | 7.795  | 117 | 855   | 5.167     | ug/l # | 11     |
| 39) Methylcyclohexane         | 9.185  | 83  | 98518 | 610.299   | ug/l   | 90     |
| 43) Isopropyl Acetate         | 8.271  | 43  | 5648  | 31.005    | ug/l # | 56     |
| 45) 1,2-Dichloropropane       | 9.179  | 63  | 777   | 6.631     | ug/l # | 1      |
| 47) Bromodichloromethane      | 9.466  | 83  | 1831  | 11.057    | ug/l # | 49     |
| 48) Methyl methacrylate       | 9.240  | 41  | 3620  | 44.672    | ug/l # | 50     |
| 51) 4-Methyl-2-Pentanone      | 10.179 | 43  | 6348  | 66.141    | ug/l # | 47     |
| 52) Toluene                   | 10.240 | 92  | 749   | 2.577     | ug/l   | 95     |
| 55) 1,1,2-Trichloroethane     | 10.618 | 97  | 28686 | 288.045   | ug/l # | 20     |
| 56) Ethyl methacrylate        | 10.520 | 69  | 14281 | 99.888    | ug/l # | 1      |
| 58) 2-Chloroethyl Vinyl ether | 9.819  | 63  | 285   | 4.064     | ug/l # | 48     |
| 59) 2-Hexanone                | 10.801 | 43  | 58384 | 850.651   | ug/l # | 33     |
| 60) Dibromochloromethane      | 10.898 | 129 | 143   | 1.199     | ug/l # | 11     |
| 61) 1,2-Dibromoethane         | 11.069 | 107 | 178   | 1.848     | ug/l # | 1      |
| 64) Tetrachloroethene         | 10.728 | 164 | 239   | 2.804     | ug/l # | 41     |
| 65) Chlorobenzene             | 11.538 | 112 | 365   | 1.391     | ug/l # | 42     |
| 67) Ethyl Benzene             | 11.593 | 91  | 7882  | 16.863    | ug/l   | 97     |
| 68) m/p-Xylenes               | 11.703 | 106 | 418   | 2.292     | ug/l # | 1      |
| 69) o-Xylene                  | 12.032 | 106 | 887   | 5.029     | ug/l # | 2      |
| 73) Isopropylbenzene          | 12.325 | 105 | 13729 | 27.972    | ug/l   | 94     |
| 74) N-amyl acetate            | 12.124 | 43  | 93474 | 645.525   | ug/l # | 62     |
| 75) 1,1,2,2-Tetrachloroethane | 12.556 | 83  | 10819 | 102.404   | ug/l # | 89     |

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 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 13:55:34 2022  
 Response via : Initial Calibration

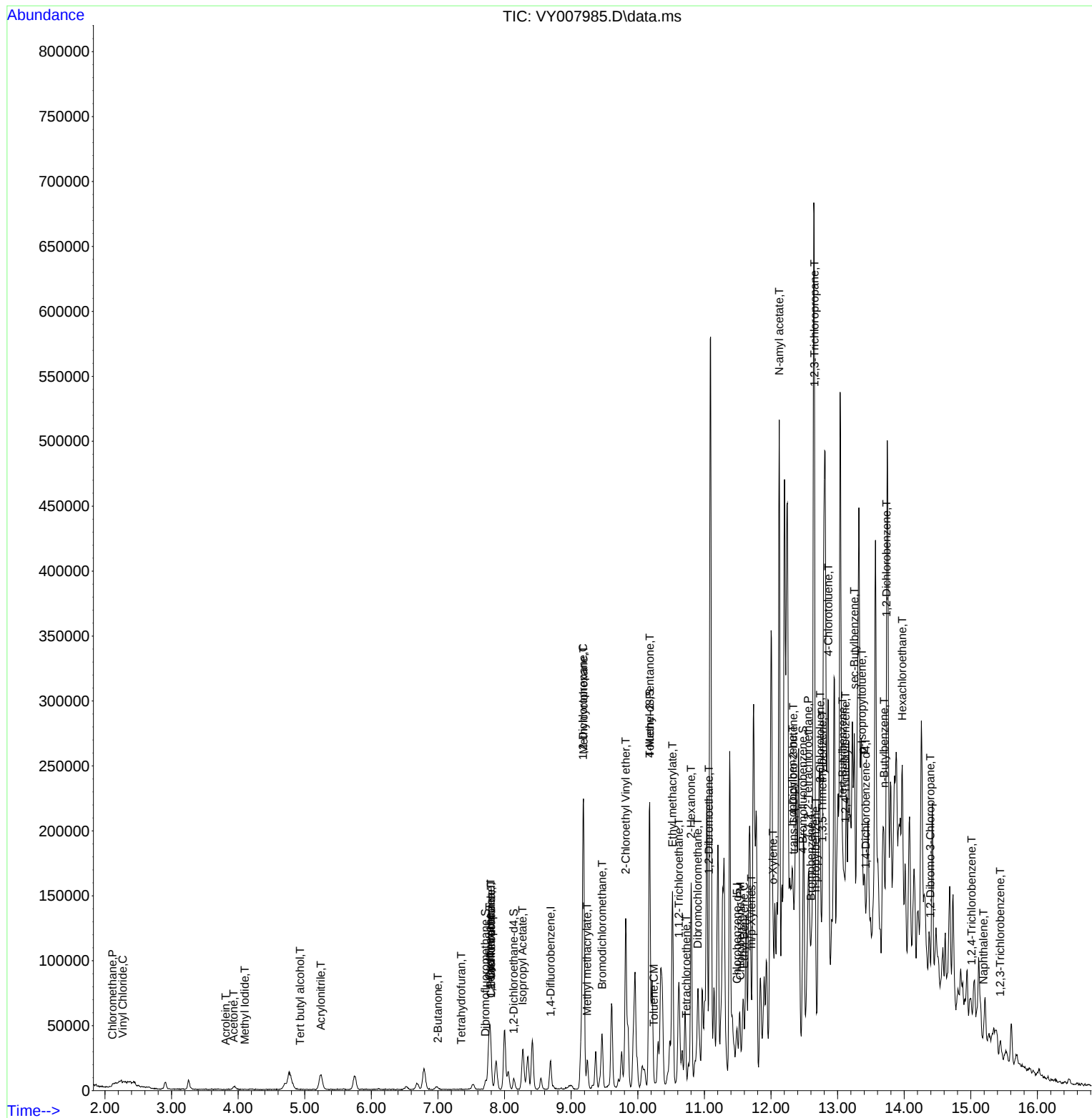
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|-------------------------------|--------|------|----------|--------|--------|----------|--|
| -----                         |        |      |          |        |        |          |  |
| 76) 1,2,3-Trichloropropane    | 12.654 | 75   | 239      | 3.007  | ug/l # | 100      |  |
| 77) Bromobenzene              | 12.599 | 156  | 132      | 1.177  | ug/l # | 1        |  |
| 78) n-propylbenzene           | 12.672 | 91   | 21921    | 36.987 | ug/l   | 98       |  |
| 79) 2-Chlorotoluene           | 12.739 | 91   | 1485     | 4.453  | ug/l # | 41       |  |
| 80) 1,3,5-Trimethylbenzene    | 12.770 | 105  | 4005     | 9.923  | ug/l   | 67       |  |
| 81) trans-1,4-Dichloro-2-b... | 12.337 | 75   | 154      | 4.070  | ug/l # | 1        |  |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 751      | 2.168  | ug/l # | 41       |  |
| 83) tert-Butylbenzene         | 13.075 | 119  | 2530     | 7.005  | ug/l # | 49       |  |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 1978     | 4.999  | ug/l   | 98       |  |
| 85) sec-Butylbenzene          | 13.251 | 105  | 30437    | 56.229 | ug/l   | 84       |  |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 10411    | 23.691 | ug/l   | 88       |  |
| 89) n-Butylbenzene            | 13.697 | 91   | 21972    | 52.100 | ug/l # | 77       |  |
| 90) Hexachloroethane          | 13.971 | 117  | 3089     | 35.217 | ug/l # | 6        |  |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 204      | 1.035  | ug/l # | 24       |  |
| 92) 1,2-Dibromo-3-Chloropr... | 14.392 | 75   | 104      | 5.722  | ug/l # | 6        |  |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 260      | 2.087  | ug/l # | 30       |  |
| 95) Naphthalene               | 15.190 | 128  | 349      | 1.256  | ug/l # | 1        |  |
| 96) 1,2,3-Trichlorobenzene    | 15.440 | 180  | 150      | 1.365  | ug/l # | 1        |  |
| -----                         |        |      |          |        |        |          |  |

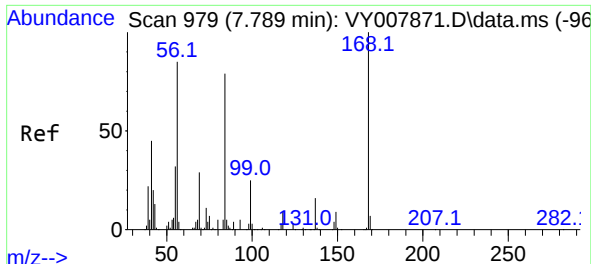
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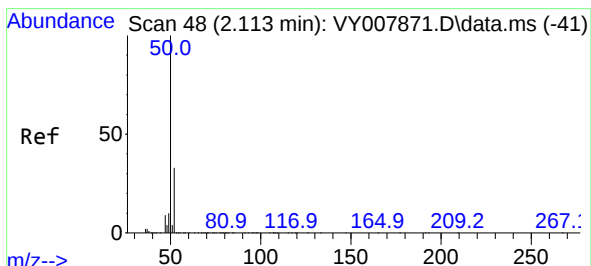
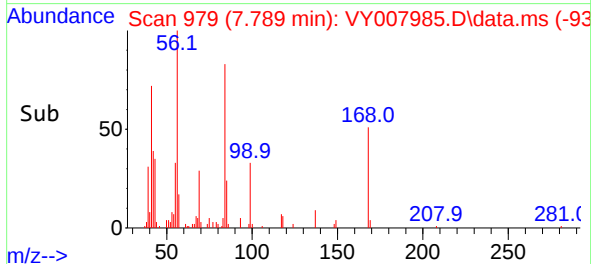
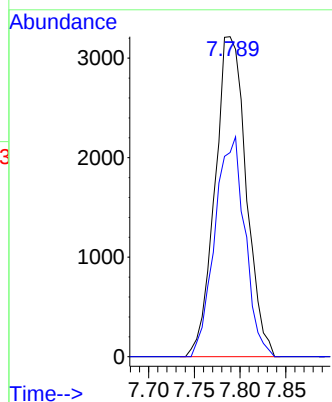
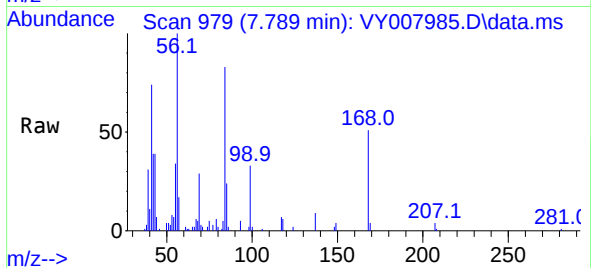




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

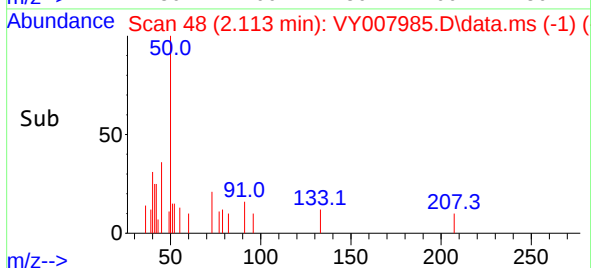
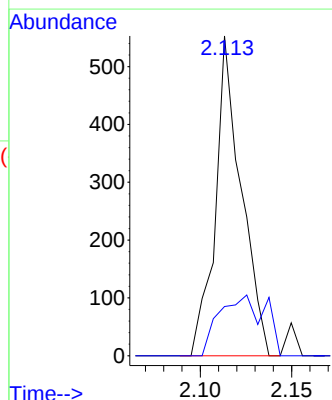
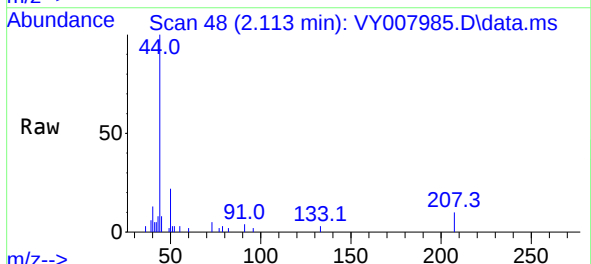
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

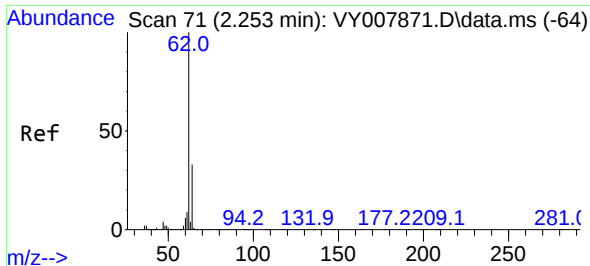
Tgt Ion:168 Resp: 7660  
Ion Ratio Lower Upper  
168 100  
99 63.8 46.9 70.3



#3  
Chloromethane  
Concen: 3.282 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 50 Resp: 544  
Ion Ratio Lower Upper  
50 100  
52 15.4 24.6 37.0

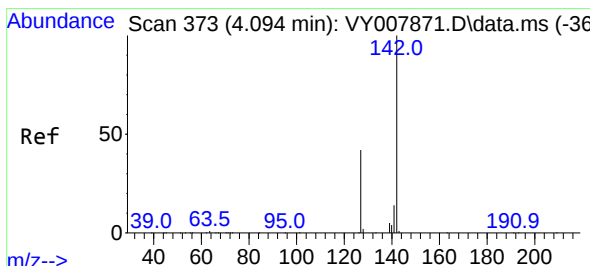
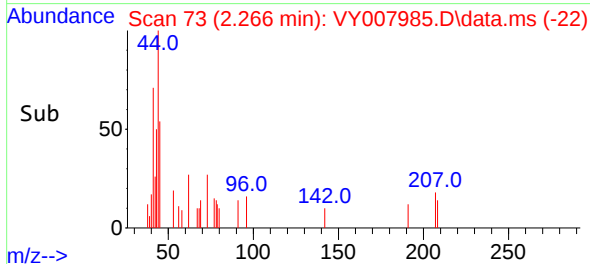
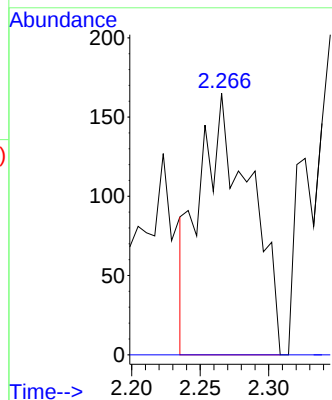
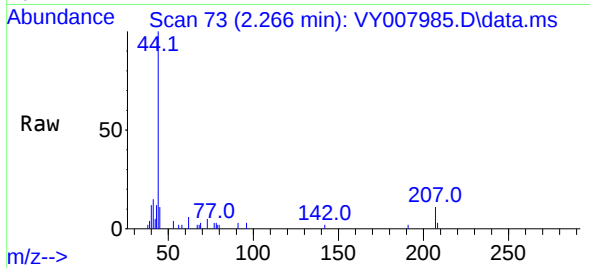




#4  
 Vinyl Chloride  
 Concen: 1.816 ug/l  
 RT: 2.266 min Scan# 71  
 Delta R.T. 0.012 min  
 Lab File: VY007985.D  
 Acq: 22 Mar 2022 04:37

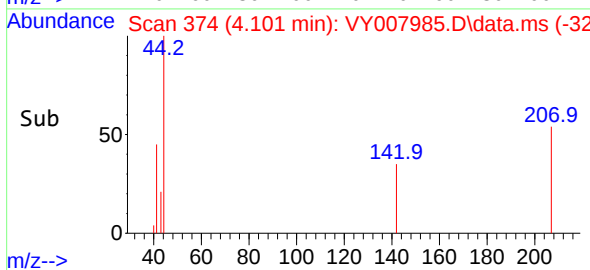
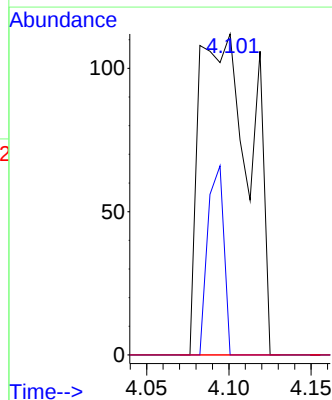
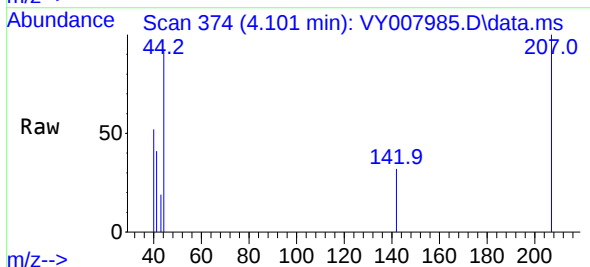
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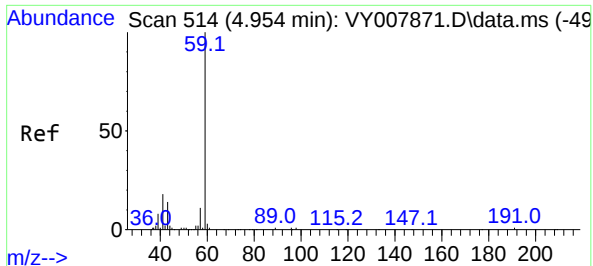
Tgt Ion: 62 Resp: 425  
 Ion Ratio Lower Upper  
 62 100  
 64 0.0 25.0 37.6#



#10  
 Methyl Iodide  
 Concen: 2.898 ug/l  
 RT: 4.101 min Scan# 374  
 Delta R.T. 0.012 min  
 Lab File: VY007985.D  
 Acq: 22 Mar 2022 04:37

Tgt Ion: 142 Resp: 243  
 Ion Ratio Lower Upper  
 142 100  
 127 18.5 41.5 62.3#  
 141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 7.371 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.024 min

Lab File: VY007985.D

Acq: 22 Mar 2022 04:37

Instrument :

MSVOA\_Y

ClientSampleId :

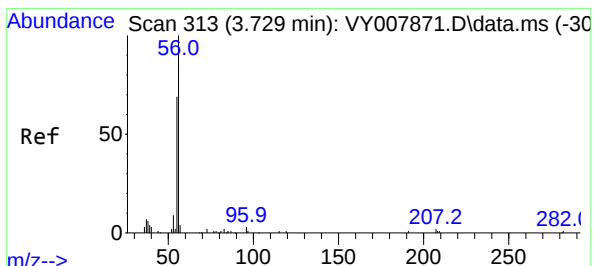
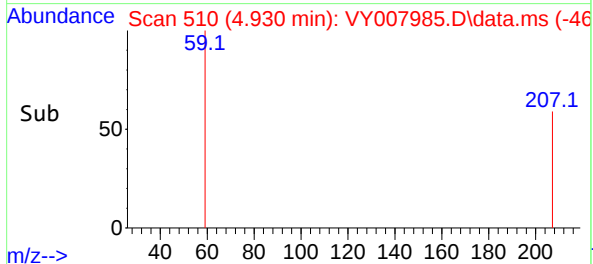
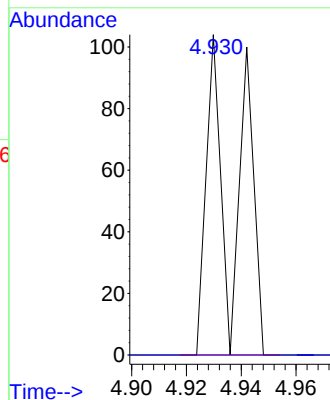
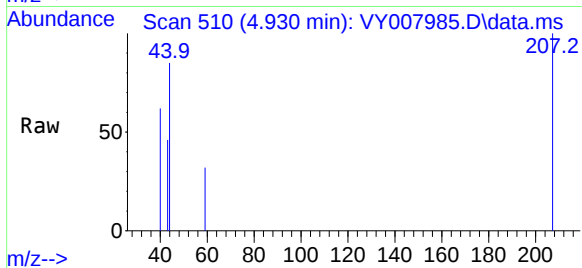
UST-7-WEST-SIDEWALL

Tgt Ion: 59 Resp: 75

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 3.100 ug/l

RT: 3.814 min Scan# 327

Delta R.T. 0.085 min

Lab File: VY007985.D

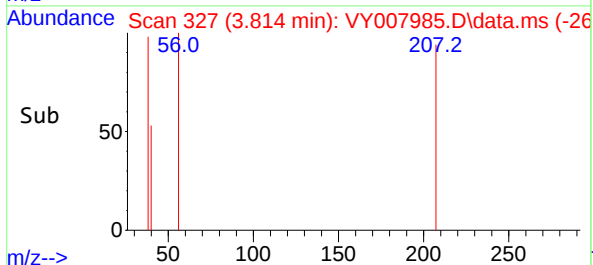
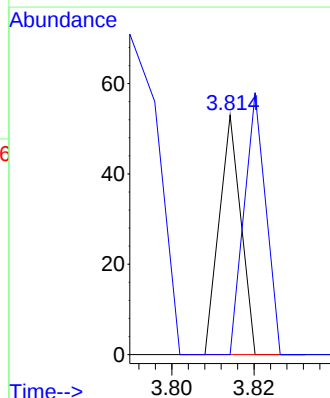
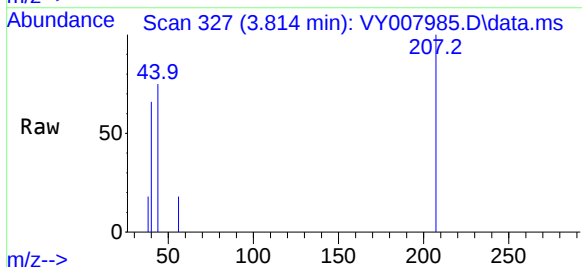
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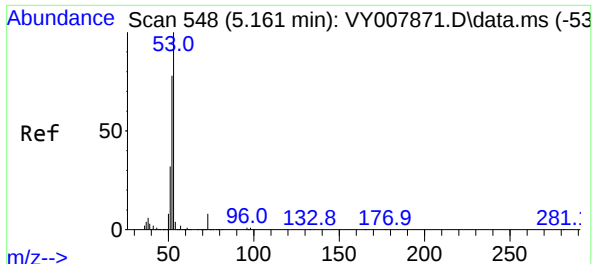
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 110.5 57.6 86.4#

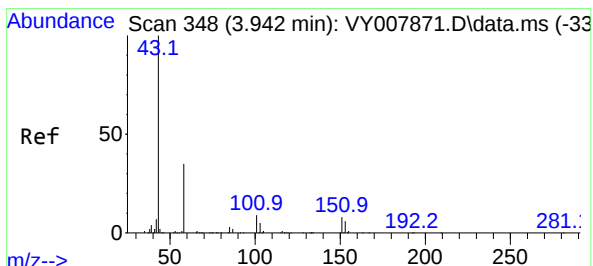
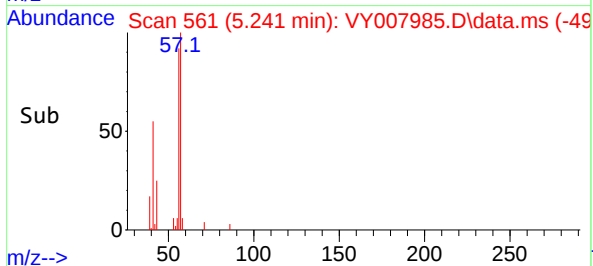
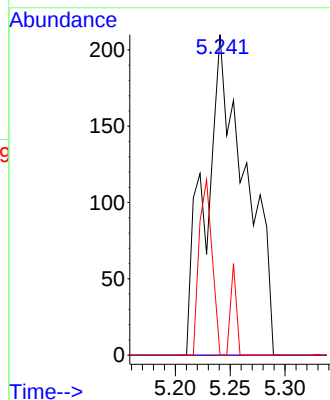
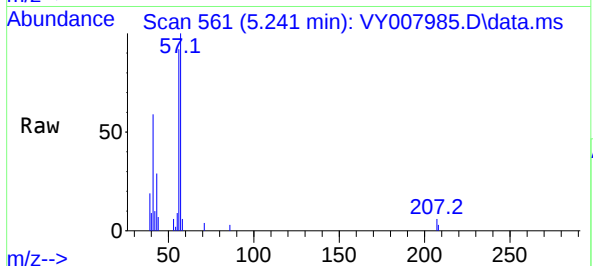




#15  
Acrylonitrile  
Concen: 19.260 ug/l  
RT: 5.241 min Scan# 50  
Delta R.T. 0.079 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

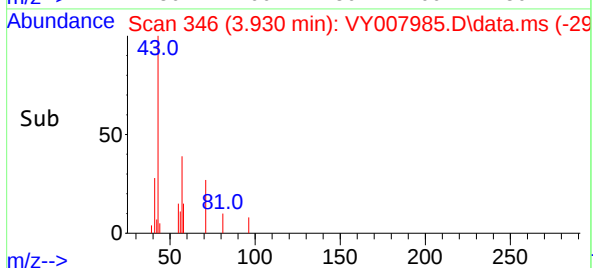
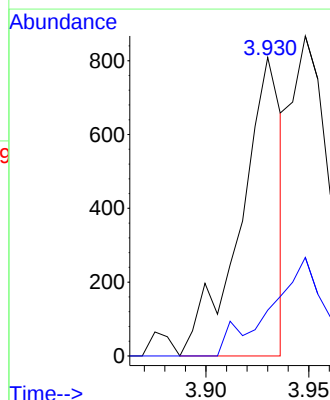
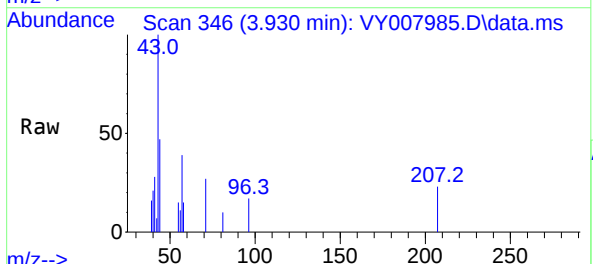
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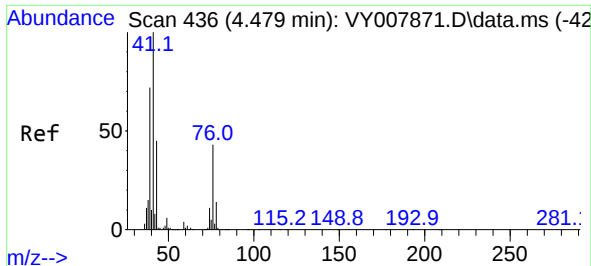
Tgt Ion: 53 Resp: 535  
Ion Ratio Lower Upper  
53 100  
52 0.0 67.0 100.4#  
51 4.1 29.8 44.6#



#16  
Acetone  
Concen: 48.641 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.012 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 43 Resp: 1127  
Ion Ratio Lower Upper  
43 100  
58 15.3 22.0 33.0#

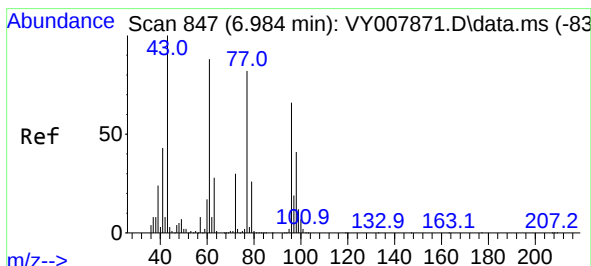
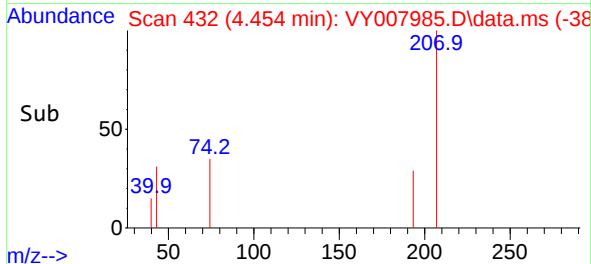
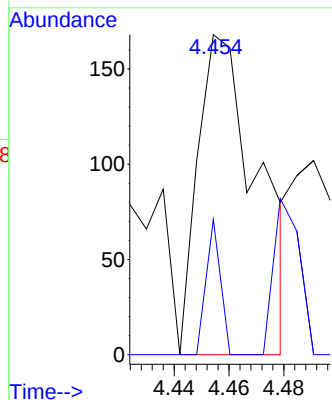
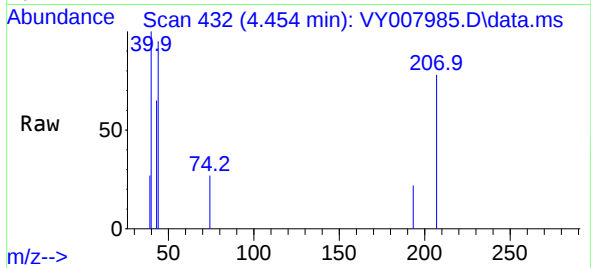




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.454 min Scan# 41  
Delta R.T. -0.018 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

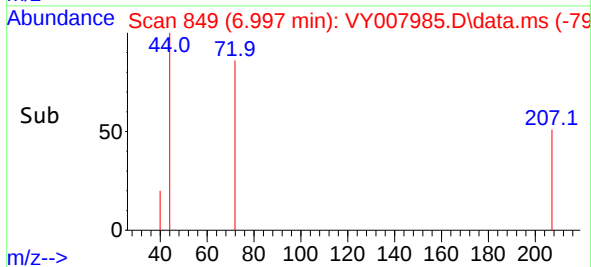
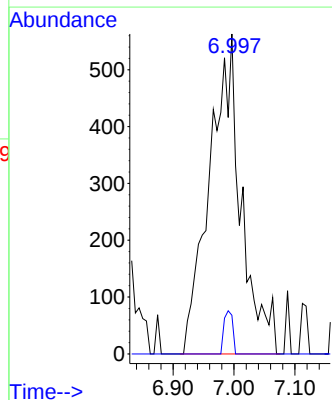
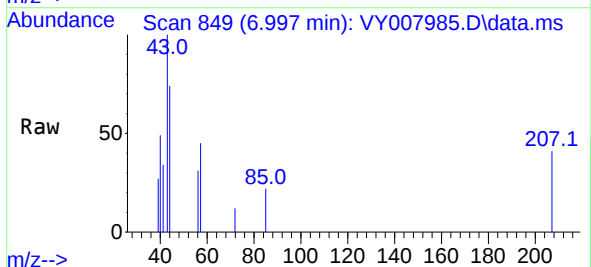
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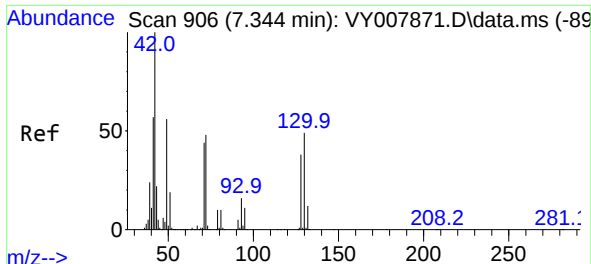
Tgt Ion: 43 Resp: 255  
Ion Ratio Lower Upper  
43 100  
74 10.2 16.6 24.8#



#25  
2-Butanone  
Concen: 54.699 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. 0.012 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 43 Resp: 2030  
Ion Ratio Lower Upper  
43 100  
72 12.1 17.7 26.5#

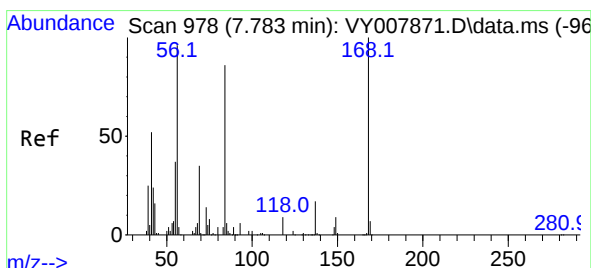
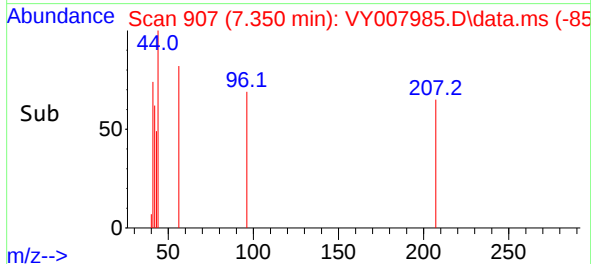
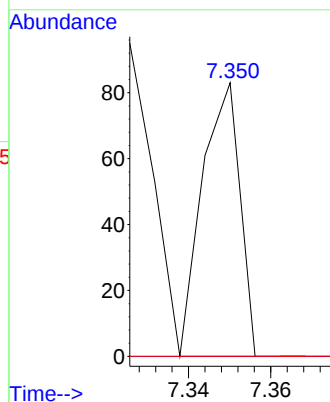
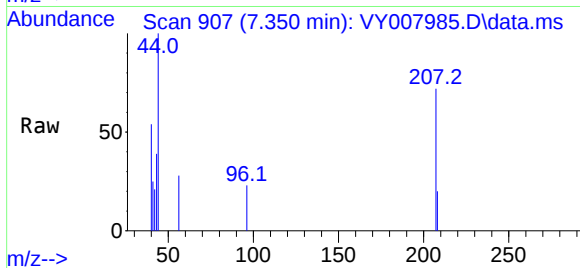




#29  
Tetrahydrofuran  
Concen: 2.229 ug/l  
RT: 7.350 min Scan# 906  
Delta R.T. 0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

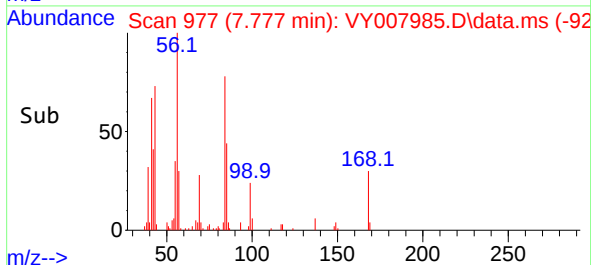
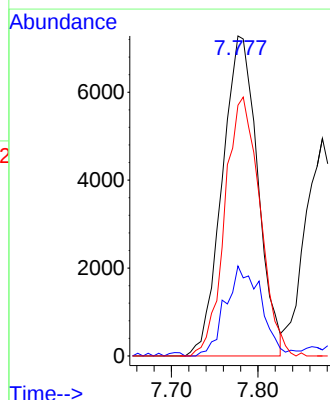
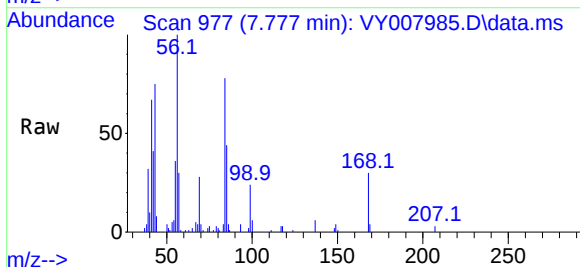
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

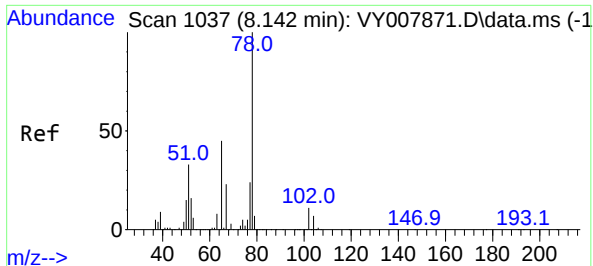
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 53    |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 30.3  | 45.5# |
| 71       | 0.0   | 29.0  | 43.4# |



#31  
Cyclohexane  
Concen: 175.347 ug/l  
RT: 7.777 min Scan# 977  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 20739 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 27.1  | 26.7  | 40.1  |
| 84       | 78.3  | 67.2  | 100.8 |





#33

1,2-Dichloroethane-d4

Concen: 66.981 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007985.D

Acq: 22 Mar 2022 04:37

Instrument :

MSVOA\_Y

ClientSampleId :

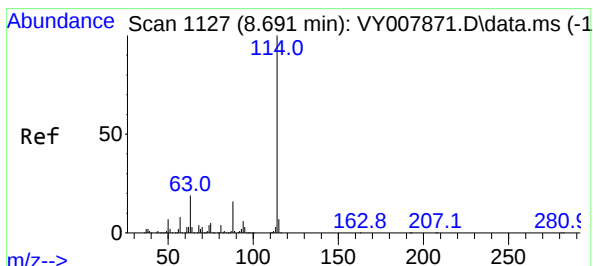
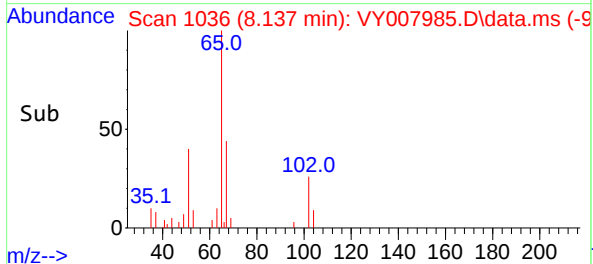
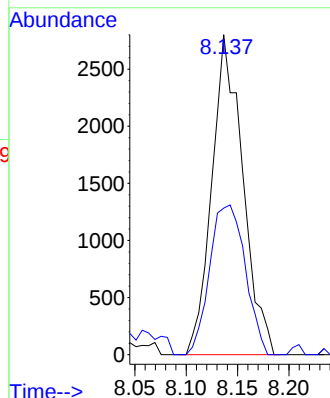
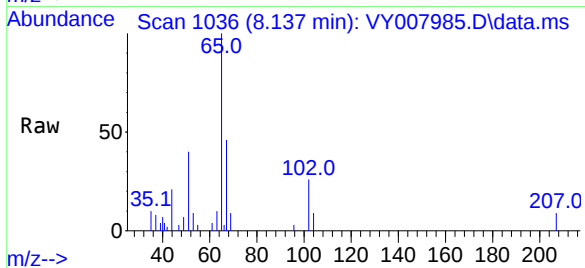
UST-7-WEST-SIDEWALL

Tgt Ion: 65 Resp: 5850

Ion Ratio Lower Upper

65 100

67 53.9 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: VY007985.D

Acq: 22 Mar 2022 04:37

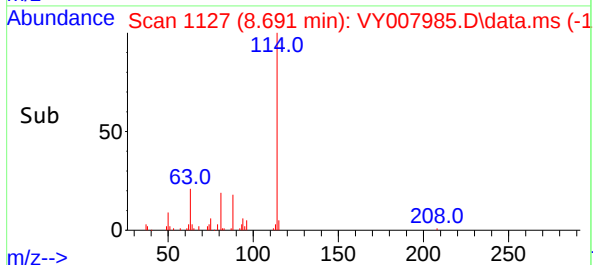
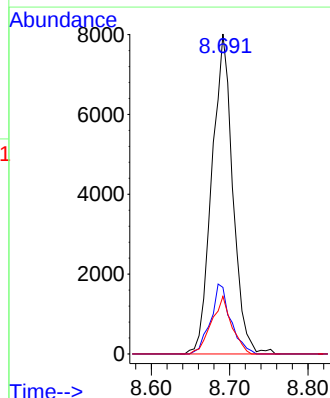
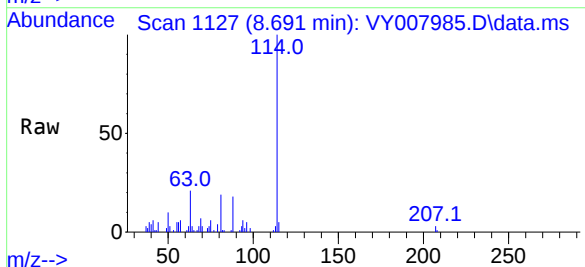
Tgt Ion: 114 Resp: 14867

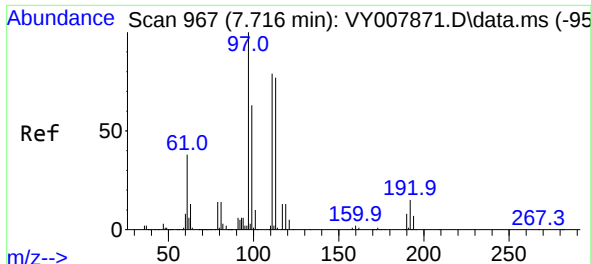
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 18.0 0.0 31.8

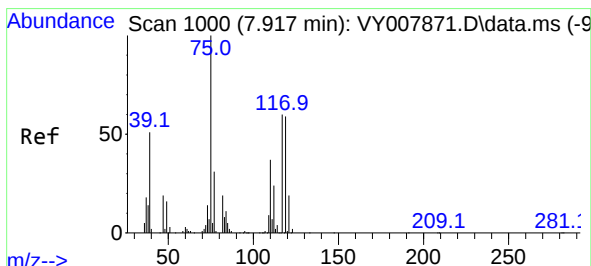
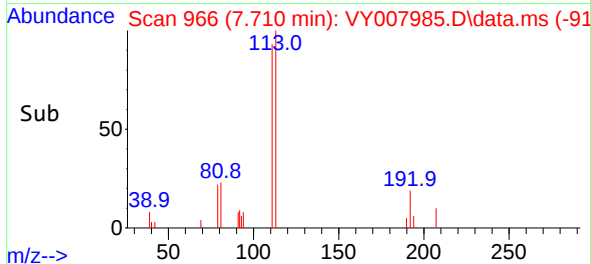
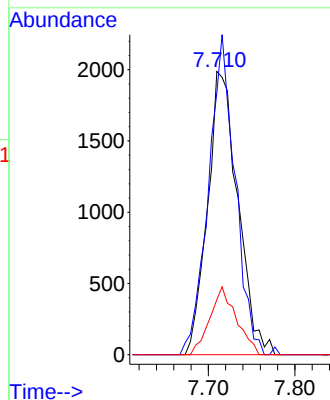
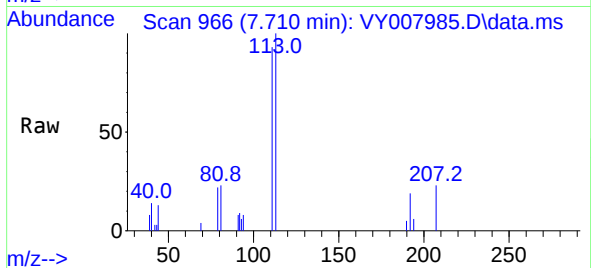




#35  
Dibromofluoromethane  
Concen: 46.375 ug/l  
RT: 7.710 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

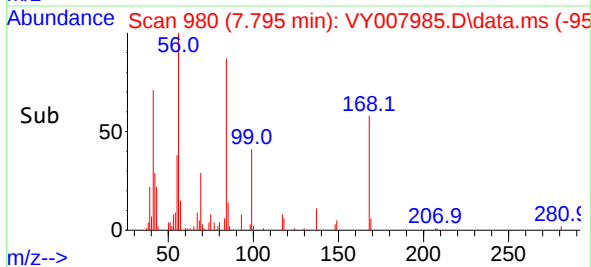
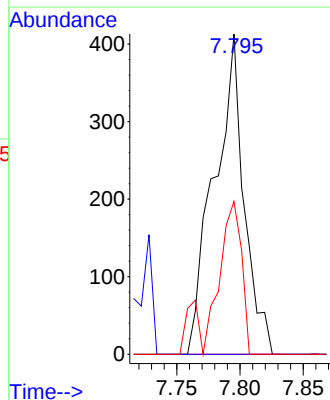
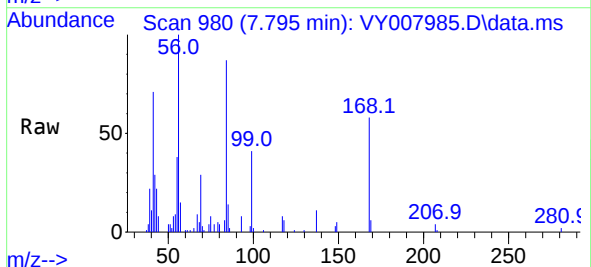
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

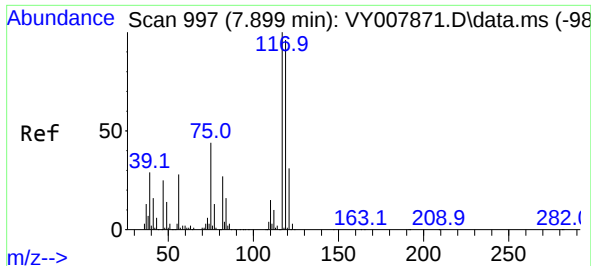
Tgt Ion:113 Resp: 4842  
Ion Ratio Lower Upper  
113 100  
111 99.0 82.6 124.0  
192 20.9 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 4.365 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.122 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 75 Resp: 676  
Ion Ratio Lower Upper  
75 100  
110 0.0 17.1 51.2#  
77 34.6 24.4 36.6

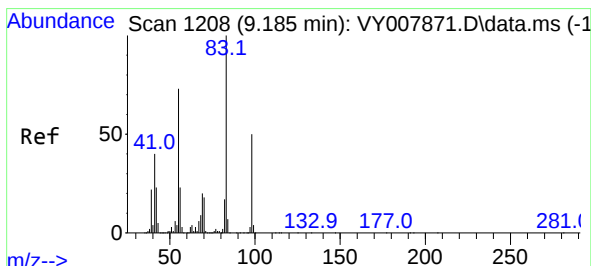
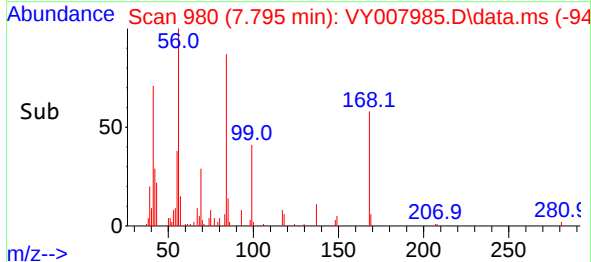
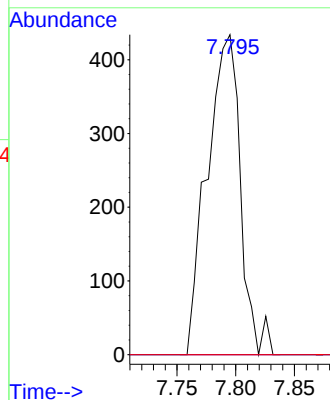
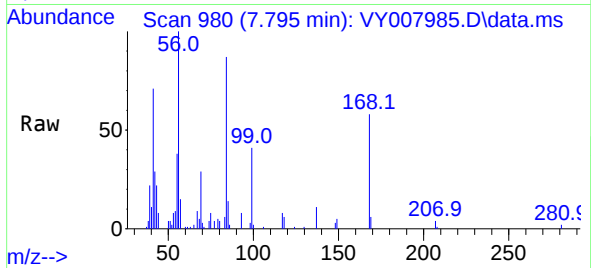




#38  
Carbon Tetrachloride  
Concen: 5.167 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.104 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

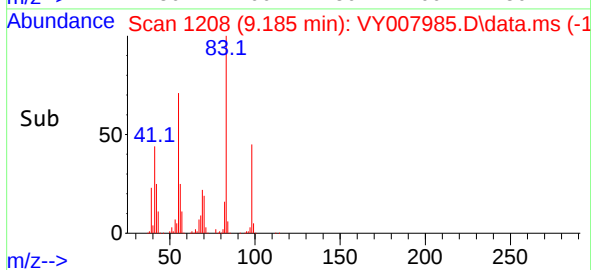
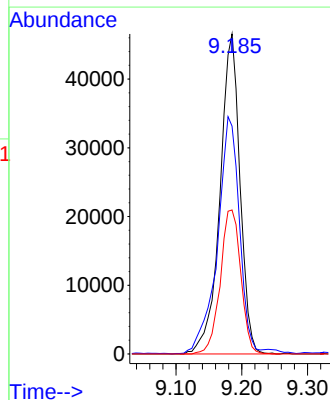
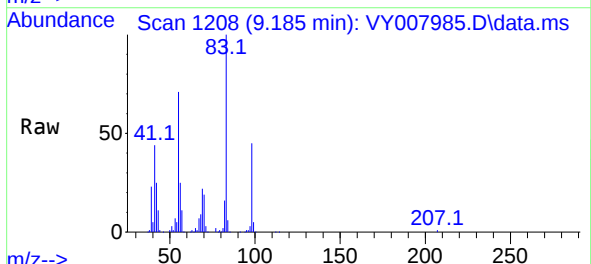
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

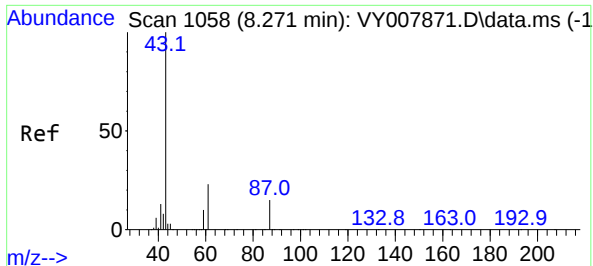
Tgt Ion:117 Resp: 855  
Ion Ratio Lower Upper  
117 100  
119 0.0 77.9 116.9#  
121 0.0 24.8 37.2#



#39  
Methylcyclohexane  
Concen: 610.299 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 83 Resp: 98518  
Ion Ratio Lower Upper  
83 100  
55 71.0 66.5 99.7  
98 45.0 37.9 56.9

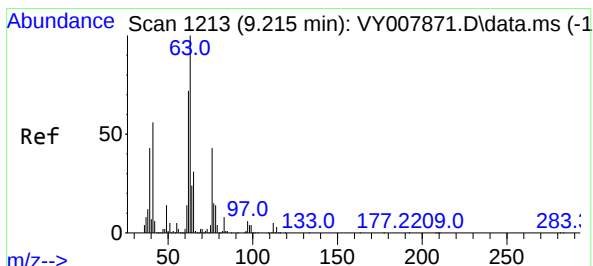
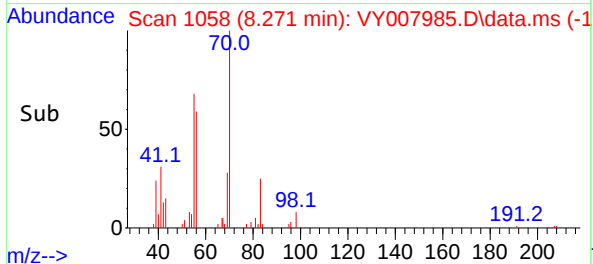
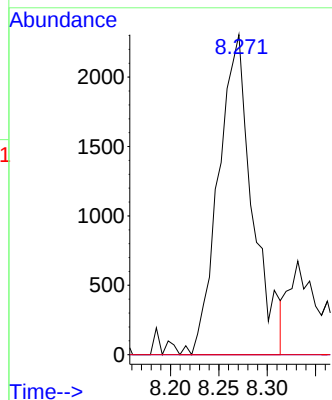
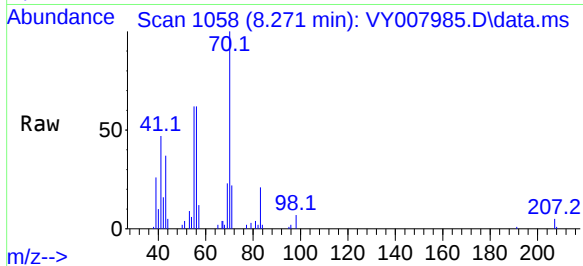




#43  
Isopropyl Acetate  
Concen: 31.005 ug/l  
RT: 8.271 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

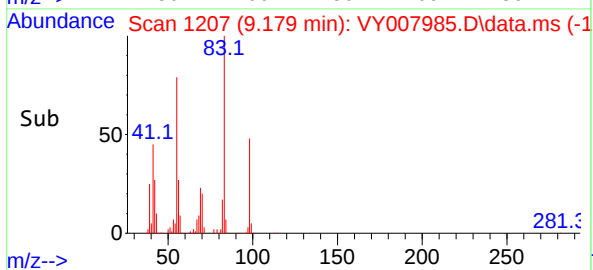
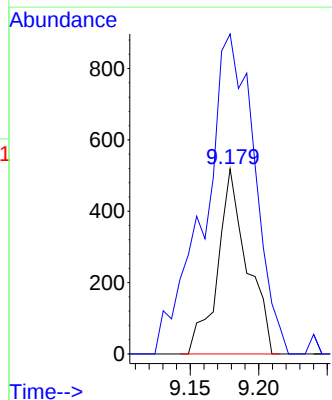
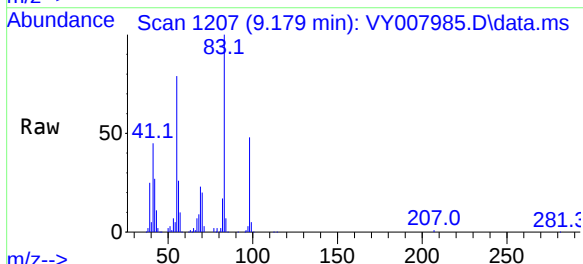
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

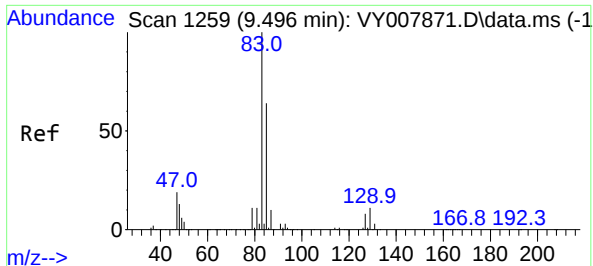
Tgt Ion: 43 Resp: 5648  
Ion Ratio Lower Upper  
43 100  
61 0.0 20.2 30.2#  
87 0.0 8.9 13.3#



#45  
1,2-Dichloropropane  
Concen: 6.631 ug/l  
RT: 9.179 min Scan# 1207  
Delta R.T. -0.037 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 63 Resp: 777  
Ion Ratio Lower Upper  
63 100  
65 158.8 23.0 34.6#

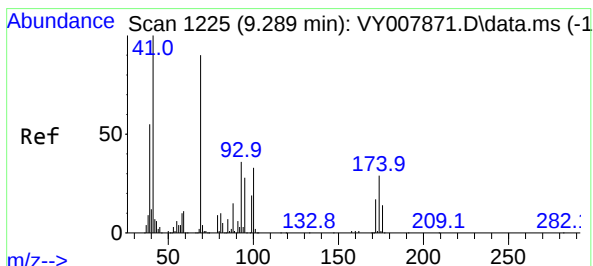
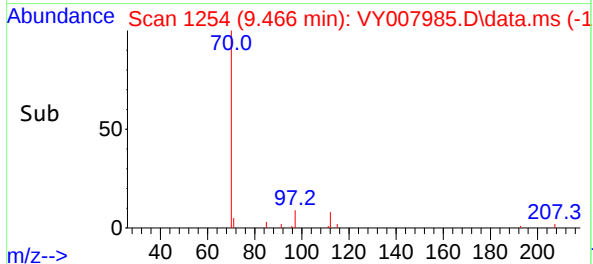
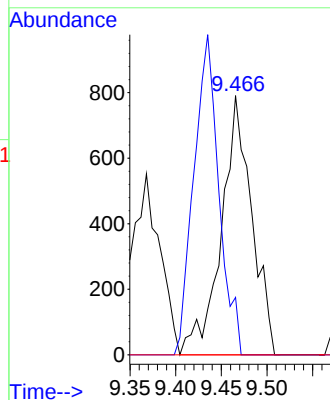
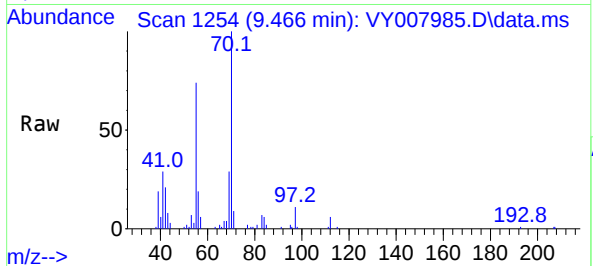




#47  
Bromodichloromethane  
Concen: 11.057 ug/l  
RT: 9.466 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

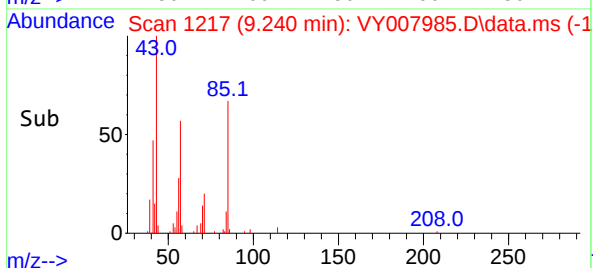
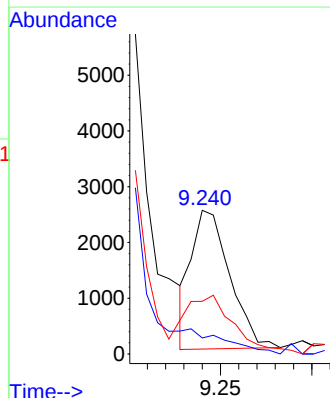
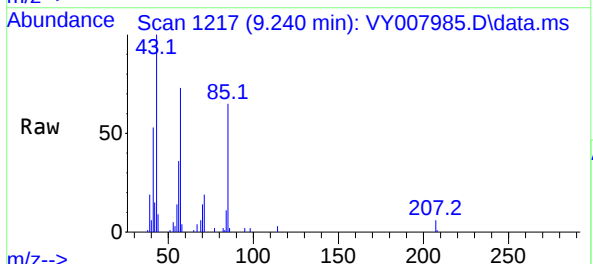
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

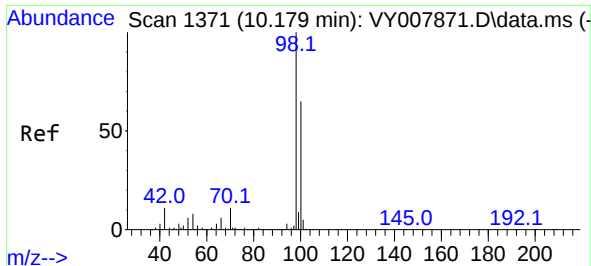
Tgt Ion: 83 Resp: 1831  
Ion Ratio Lower Upper  
83 100  
85 22.1 51.9 77.9#  
127 0.0 6.6 10.0#



#48  
Methyl methacrylate  
Concen: 44.672 ug/l  
RT: 9.240 min Scan# 1217  
Delta R.T. -0.049 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 41 Resp: 3620  
Ion Ratio Lower Upper  
41 100  
69 0.0 58.2 87.2#  
39 55.2 47.4 71.0

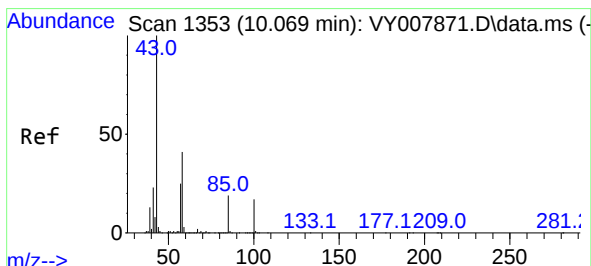
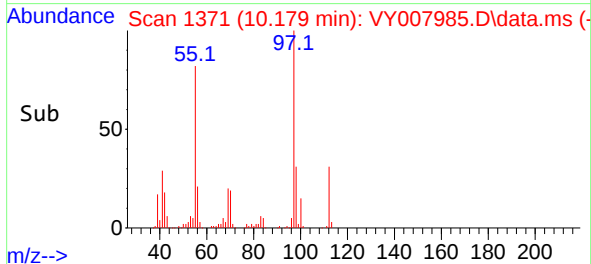
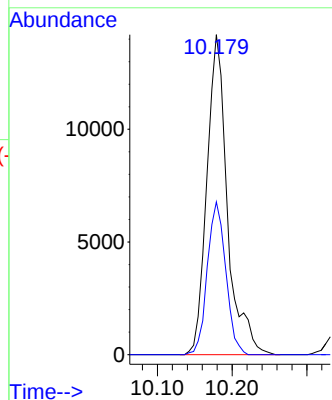
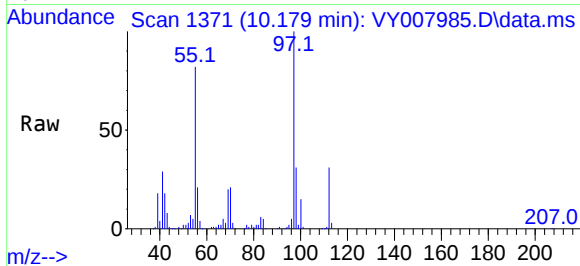




#50  
Toluene-d8  
Concen: 90.641 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

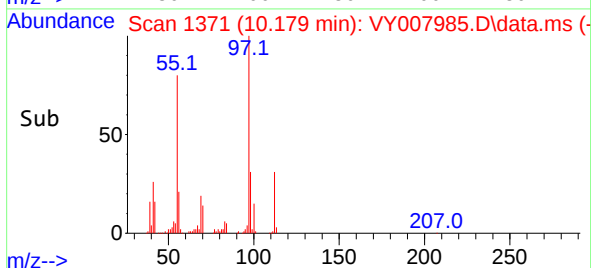
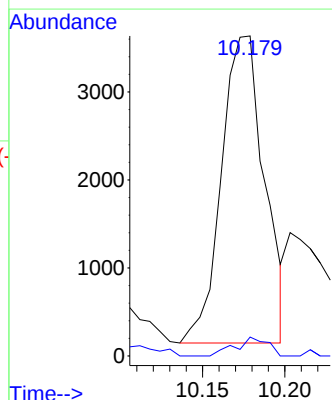
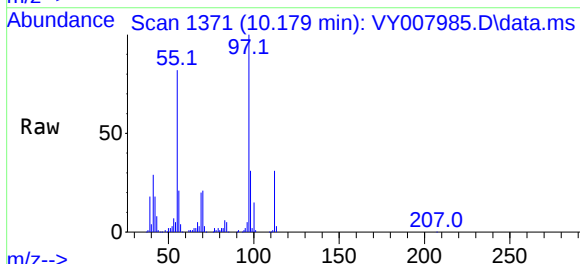
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

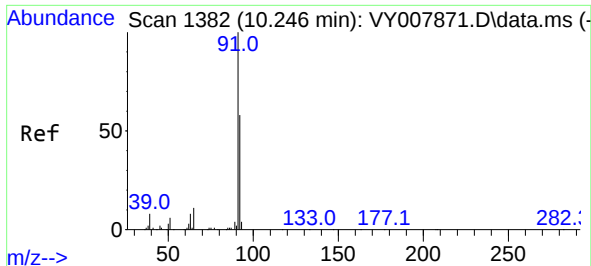
Tgt Ion: 98 Resp: 27101  
Ion Ratio Lower Upper  
98 100  
100 42.8 50.2 75.2#



#51  
4-Methyl-2-Pentanone  
Concen: 66.141 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.110 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 43 Resp: 6348  
Ion Ratio Lower Upper  
43 100  
58 4.6 28.1 42.1#

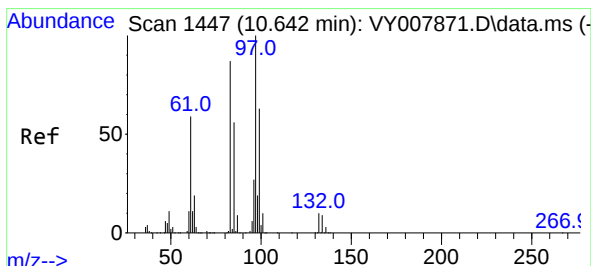
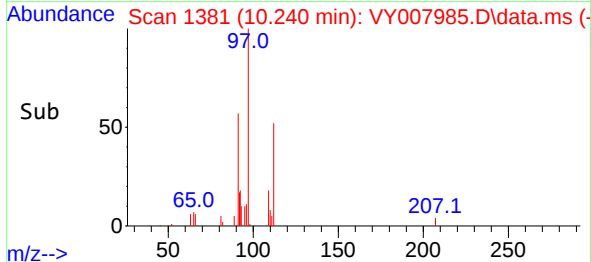
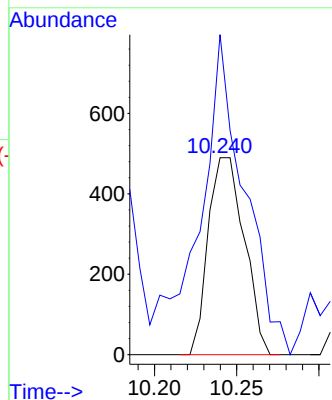
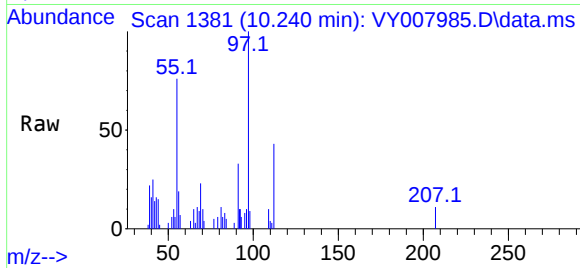




#52  
Toluene  
Concen: 2.577 ug/l  
RT: 10.240 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

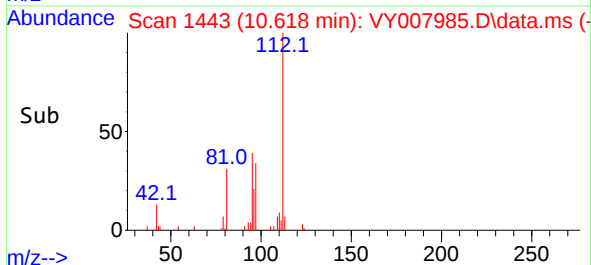
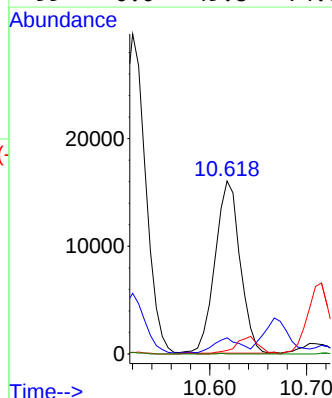
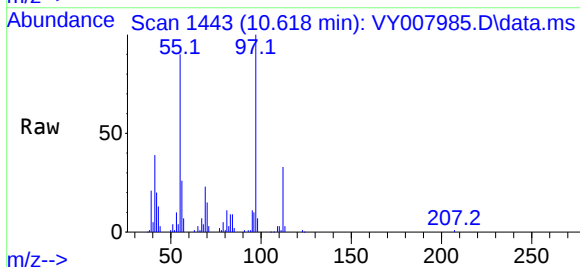
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-WEST-SIDEWALL

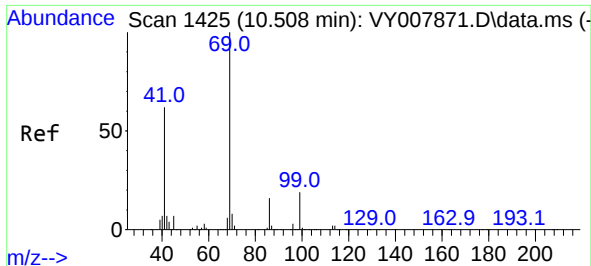
Tgt Ion: 92 Resp: 749  
Ion Ratio Lower Upper  
92 100  
91 185.8 142.6 213.8



#55  
1,1,2-Trichloroethane  
Concen: 288.045 ug/l  
RT: 10.618 min Scan# 1443  
Delta R.T. -0.024 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 97 Resp: 28686  
Ion Ratio Lower Upper  
97 100  
83 9.0 69.8 104.8#  
85 2.0 44.3 66.5#  
99 0.0 49.8 74.6#

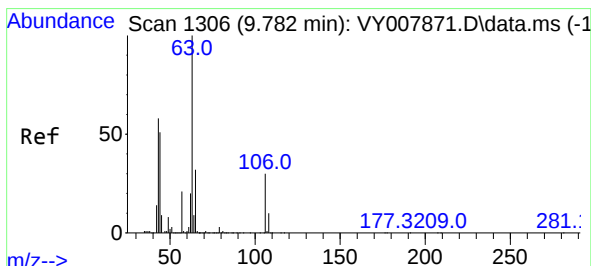
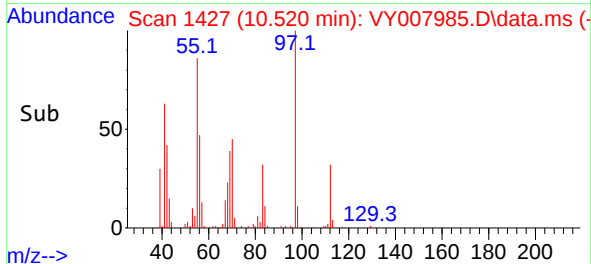
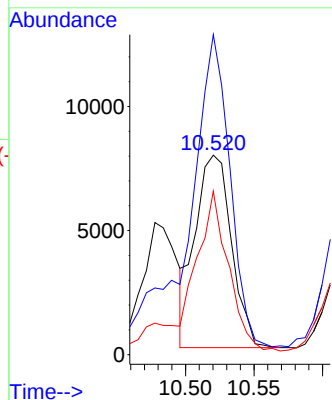
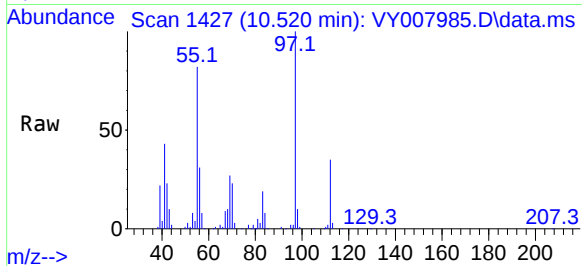




#56  
Ethyl methacrylate  
Concen: 99.888 ug/l  
RT: 10.520 min Scan# 1425  
Delta R.T. 0.012 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

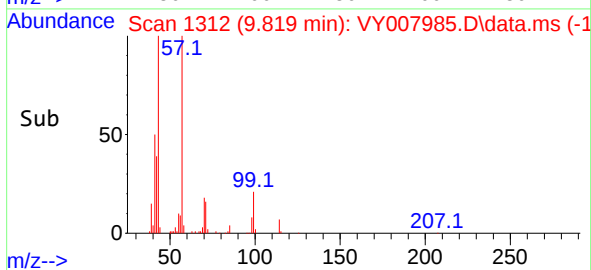
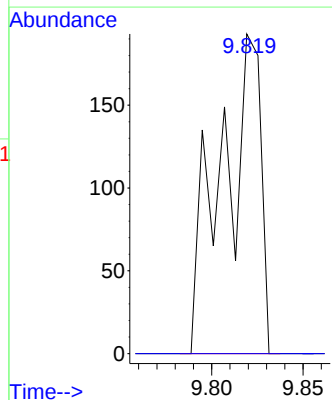
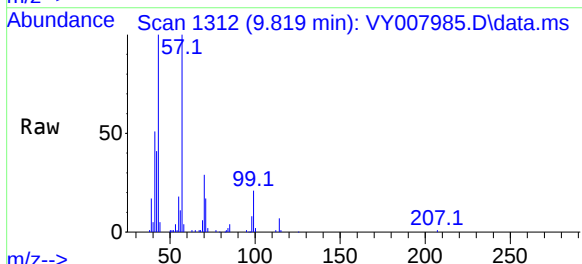
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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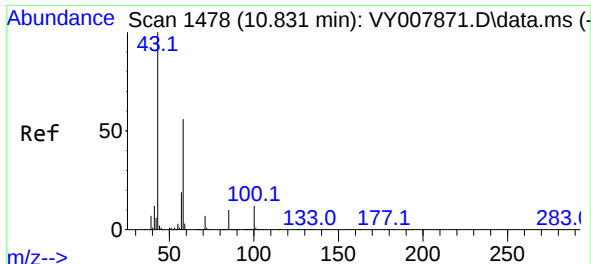
Tgt Ion: 69 Resp: 14281  
Ion Ratio Lower Upper  
69 100  
41 194.2 63.4 95.0#  
39 74.0 35.8 53.8#



#58  
2-Chloroethyl Vinyl ether  
Concen: 4.064 ug/l  
RT: 9.819 min Scan# 1312  
Delta R.T. 0.037 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 63 Resp: 285  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.5 32.3#

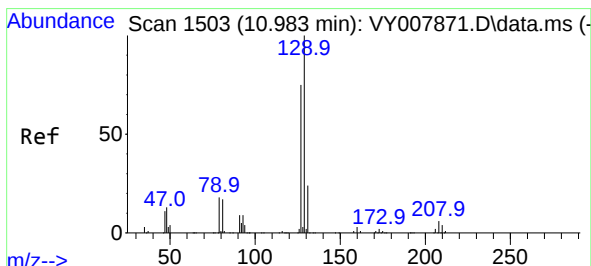
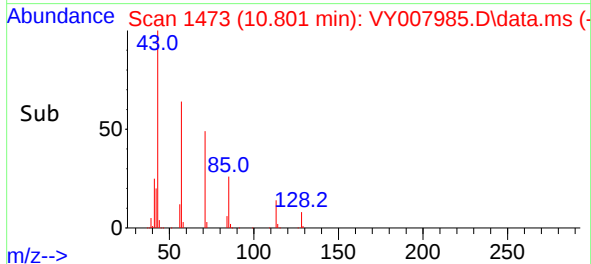
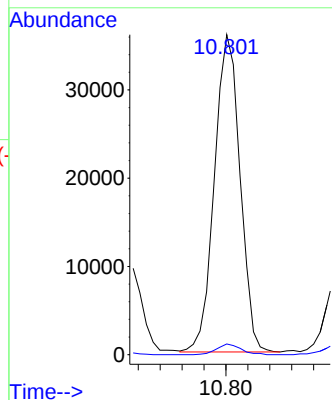
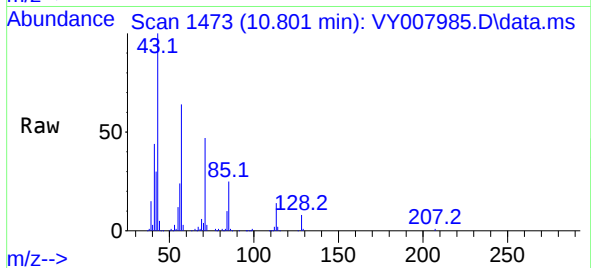




#59  
2-Hexanone  
Concen: 850.651 ug/l  
RT: 10.801 min Scan# 1478  
Delta R.T. -0.030 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

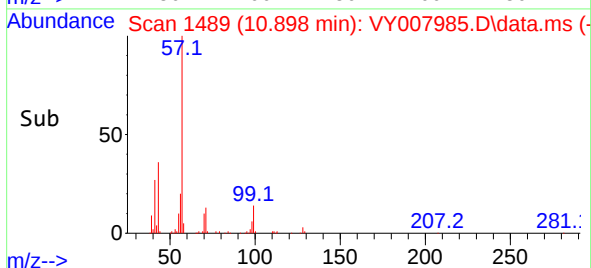
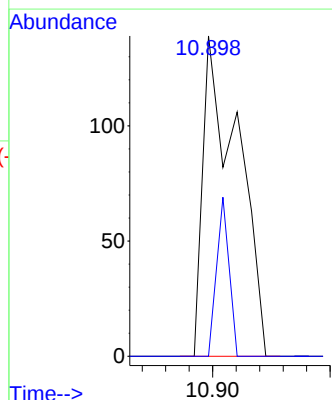
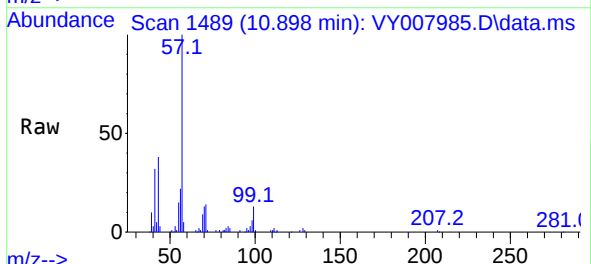
Instrument :  
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ClientSampleId :  
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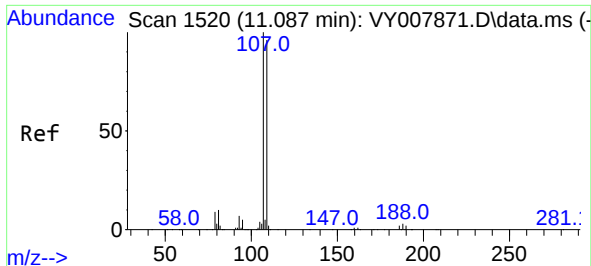
Tgt Ion: 43 Resp: 58384  
Ion Ratio Lower Upper  
43 100  
58 3.2 24.4 73.4#



#60  
Dibromochloromethane  
Concen: 1.199 ug/l  
RT: 10.898 min Scan# 1489  
Delta R.T. -0.085 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion:129 Resp: 143  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.7 116.1#

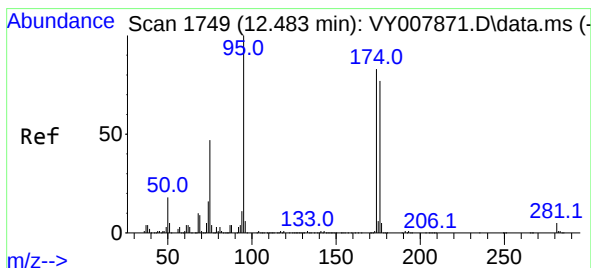
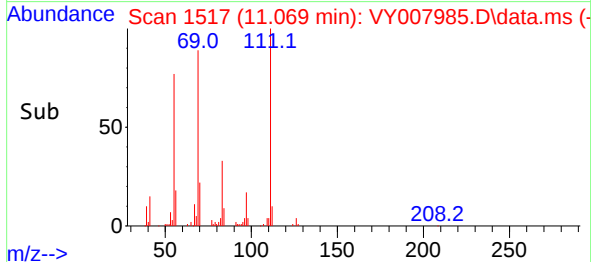
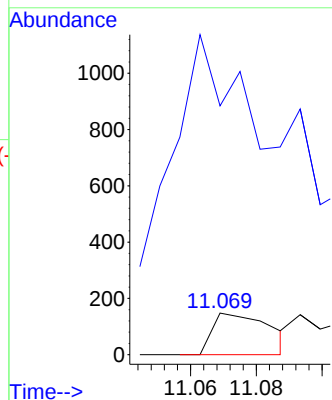
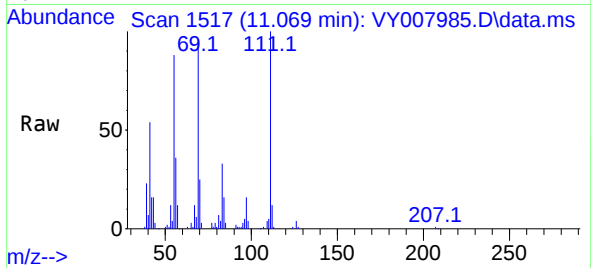




#61  
1,2-Dibromoethane  
Concen: 1.848 ug/l  
RT: 11.069 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

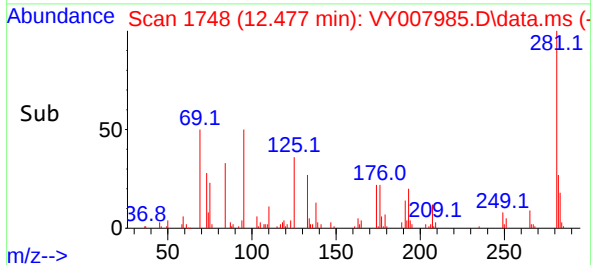
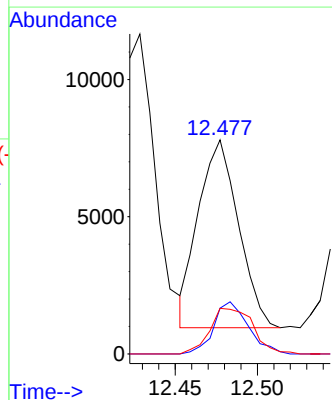
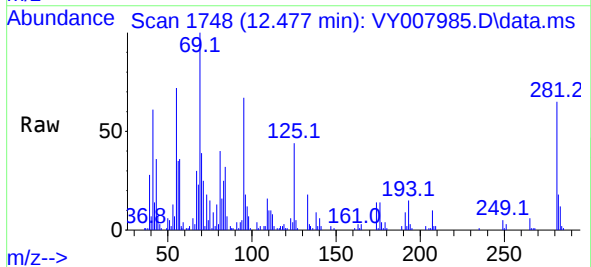
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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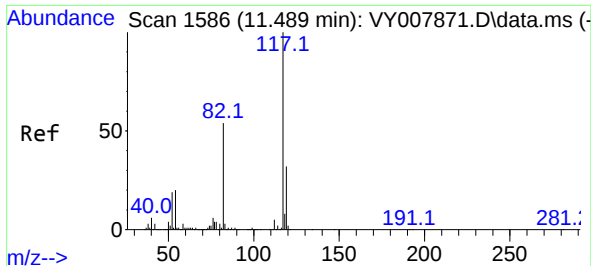
Tgt Ion:107 Resp: 178  
Ion Ratio Lower Upper  
107 100  
109 1658.4 75.4 113.2#



#62  
4-Bromofluorobenzene  
Concen: 77.365 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 95 Resp: 11593  
Ion Ratio Lower Upper  
95 100  
174 24.0 0.0 177.0  
176 26.3 0.0 175.8

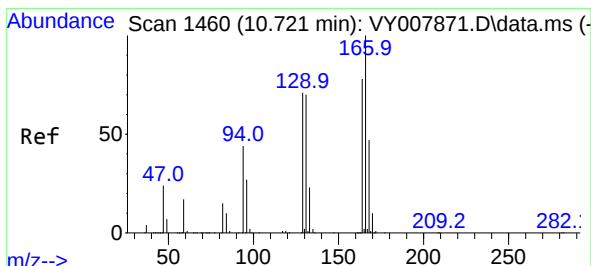
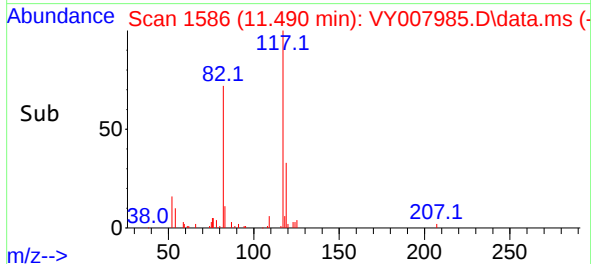
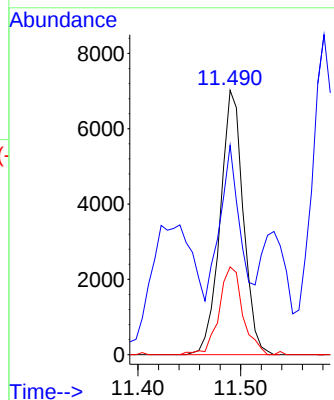
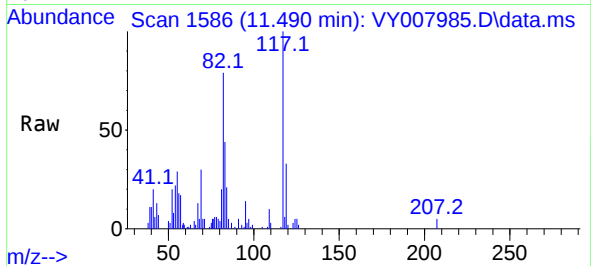




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

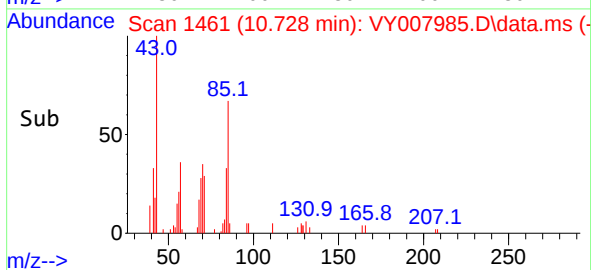
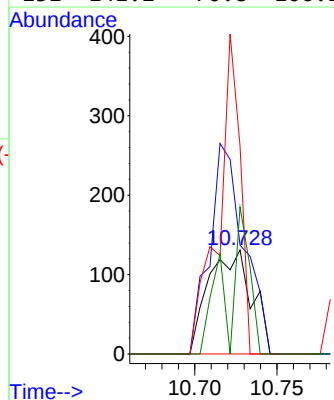
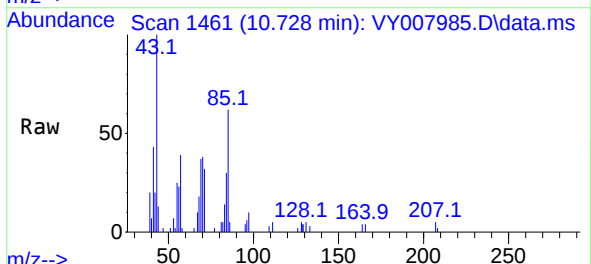
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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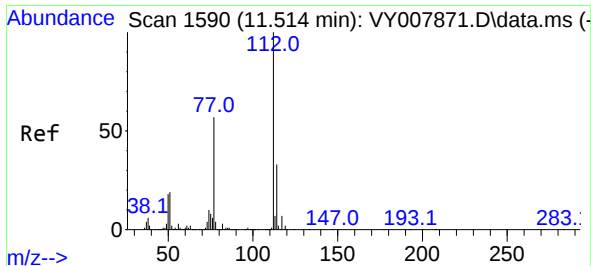
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 10954 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 38.0  | 43.0  | 64.4# |
| 119      | 33.3  | 25.4  | 38.0  |



#64  
Tetrachloroethene  
Concen: 2.804 ug/l  
RT: 10.728 min Scan# 1461  
Delta R.T. 0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 239    |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 104.6 | 100.4 | 150.6  |
| 129      | 200.0 | 71.4  | 107.0# |
| 131      | 141.2 | 70.8  | 106.2# |

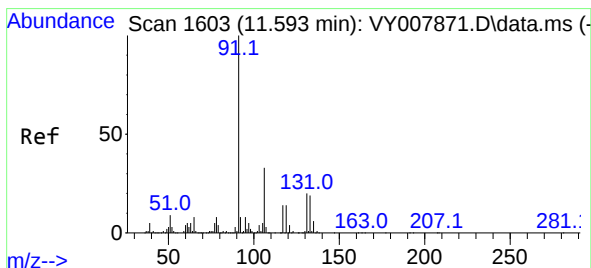
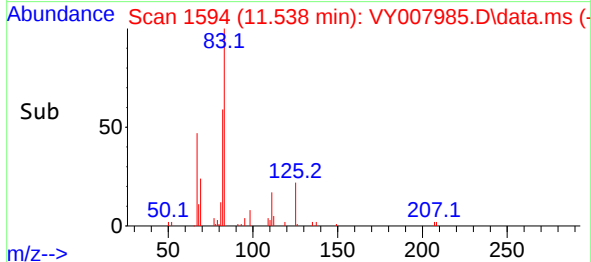
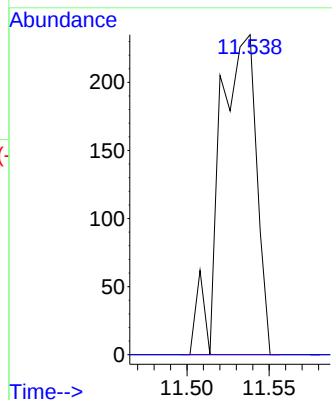
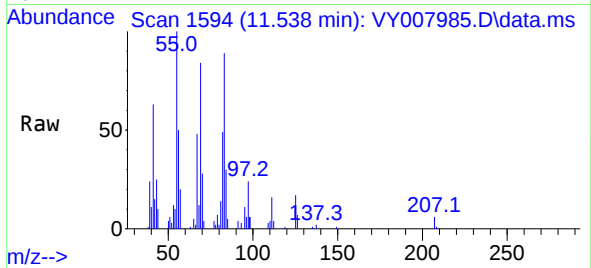




#65  
Chlorobenzene  
Concen: 1.391 ug/l  
RT: 11.538 min Scan# 111  
Delta R.T. 0.024 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

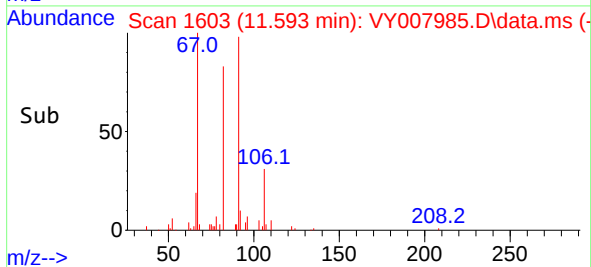
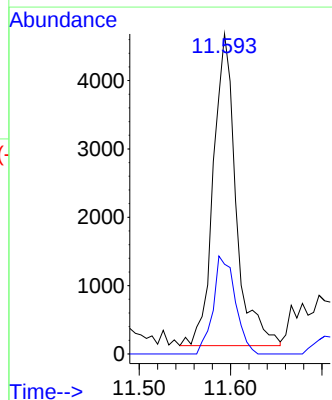
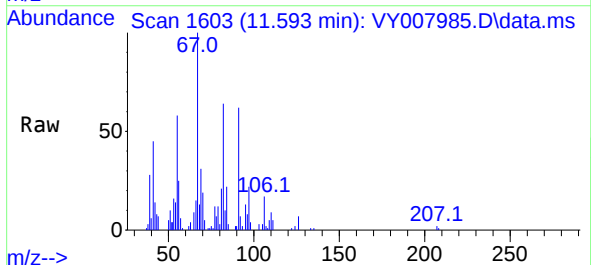
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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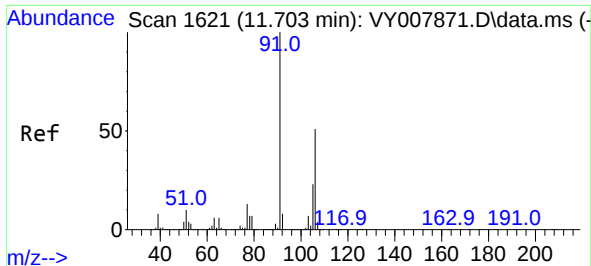
Tgt Ion:112 Resp: 365  
Ion Ratio Lower Upper  
112 100  
114 0.0 25.8 38.6#



#67  
Ethyl Benzene  
Concen: 16.863 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 91 Resp: 7882  
Ion Ratio Lower Upper  
91 100  
106 28.8 24.5 36.7

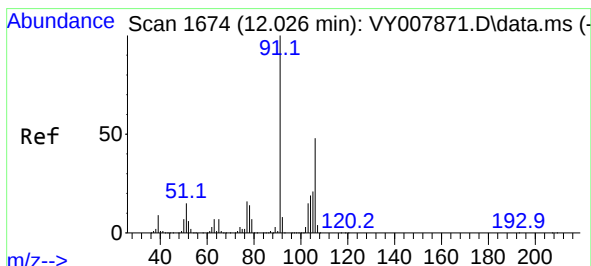
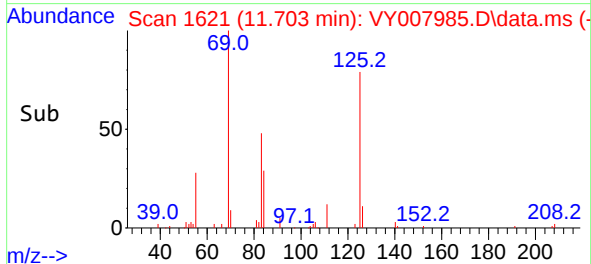
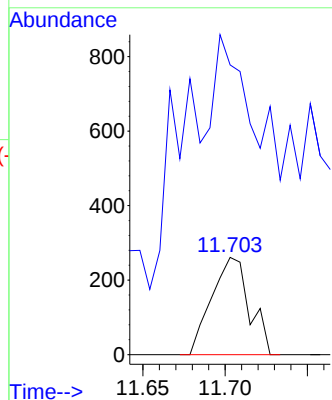
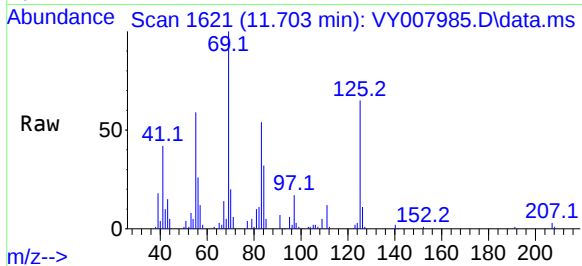




#68  
m/p-Xylenes  
Concen: 2.292 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

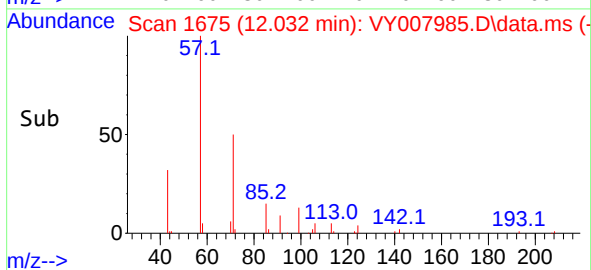
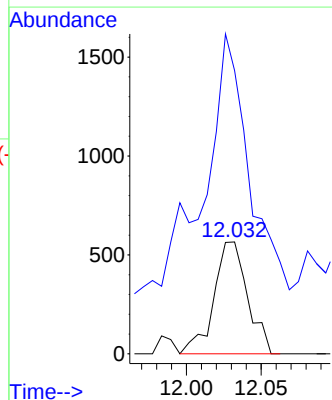
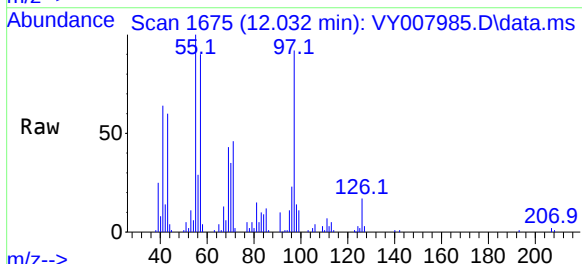
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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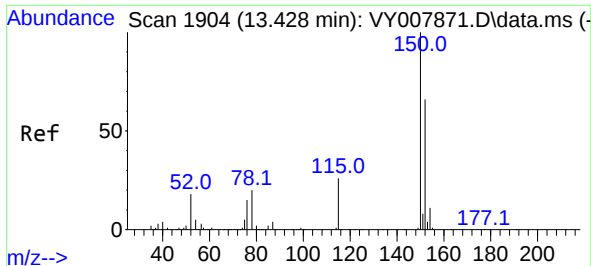
Tgt Ion:106 Resp: 418  
Ion Ratio Lower Upper  
106 100  
91 513.2 166.6 249.8#



#69  
o-Xylene  
Concen: 5.029 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion:106 Resp: 887  
Ion Ratio Lower Upper  
106 100  
91 378.4 110.3 331.0#

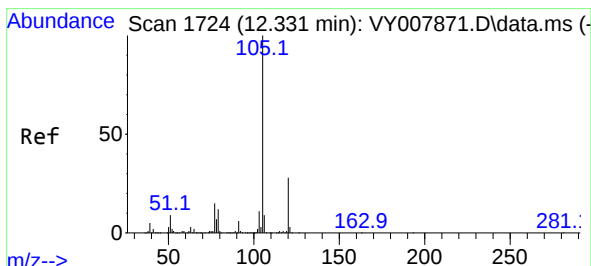
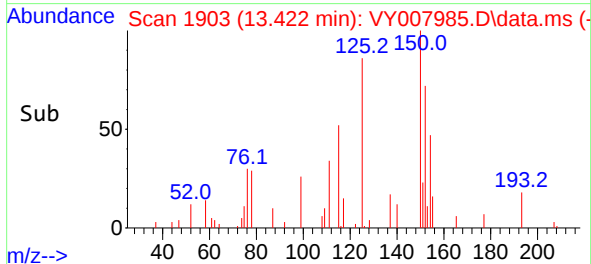
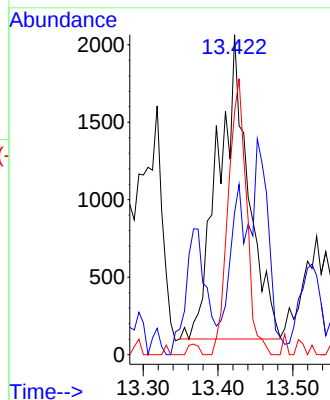
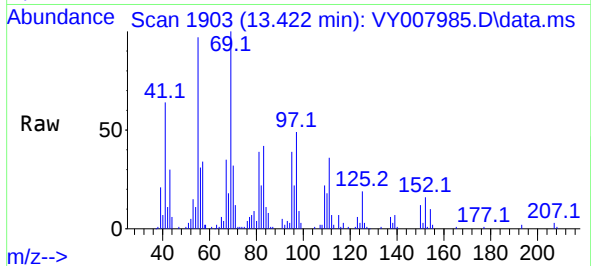




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1904  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

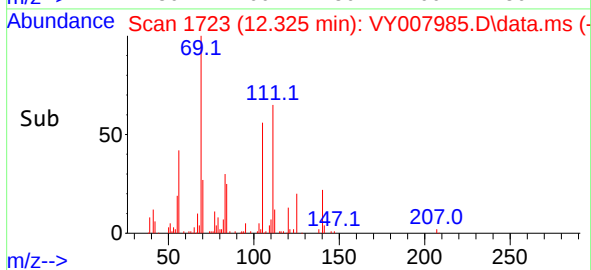
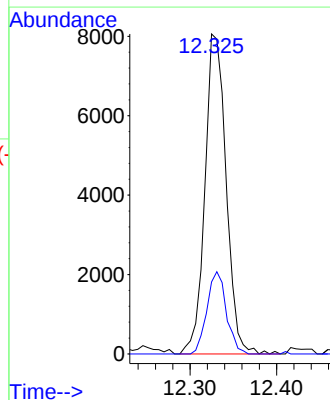
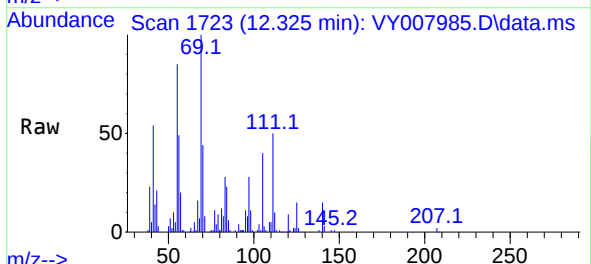
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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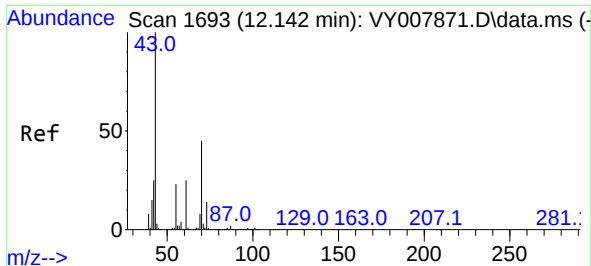
Tgt Ion:152 Resp: 5576  
Ion Ratio Lower Upper  
152 100  
115 21.9 28.2 84.7#  
150 54.5 0.0 347.6



#73  
Isopropylbenzene  
Concen: 27.972 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion:105 Resp: 13729  
Ion Ratio Lower Upper  
105 100  
120 23.5 13.4 40.2

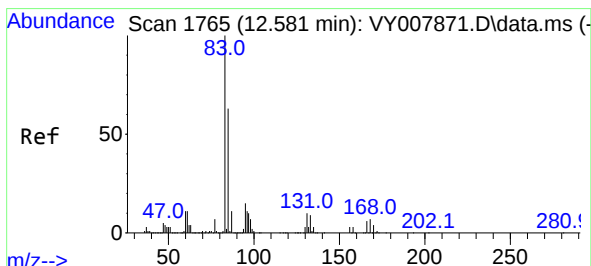
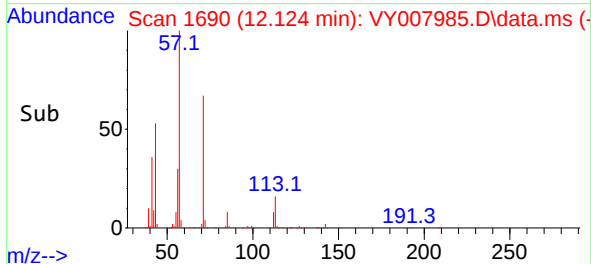
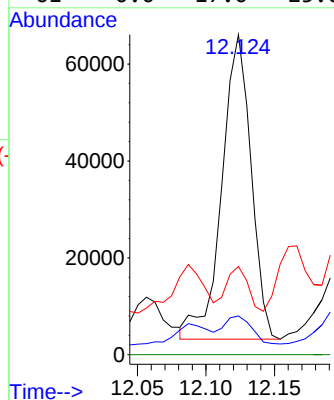
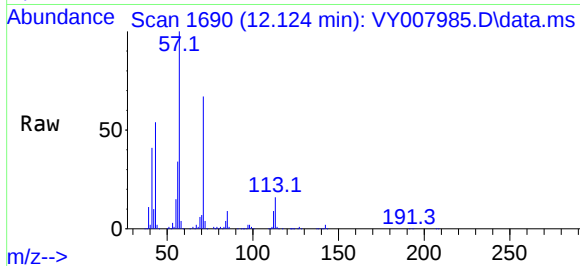




#74  
N-amy1 acetate  
Concen: 645.525 ug/l  
RT: 12.124 min Scan# 1690  
Delta R.T. -0.018 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

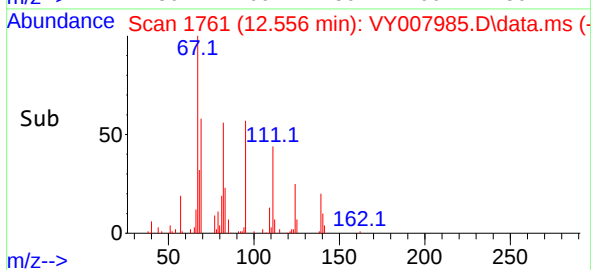
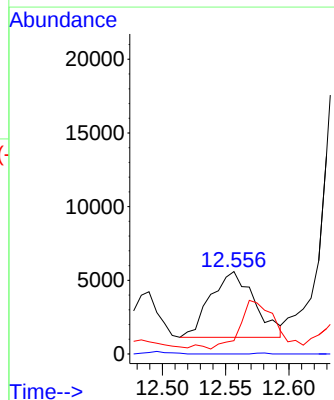
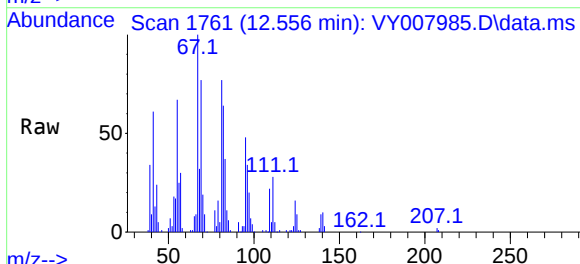
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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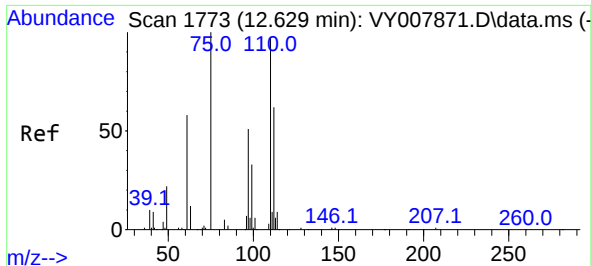
Tgt Ion: 43 Resp: 93474  
Ion Ratio Lower Upper  
43 100  
70 8.6 28.7 43.1#  
55 14.1 17.3 25.9#  
61 0.0 17.0 25.6#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 102.404 ug/l  
RT: 12.556 min Scan# 1761  
Delta R.T. -0.024 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 83 Resp: 10819  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.6 16.8#  
85 58.4 32.3 96.8

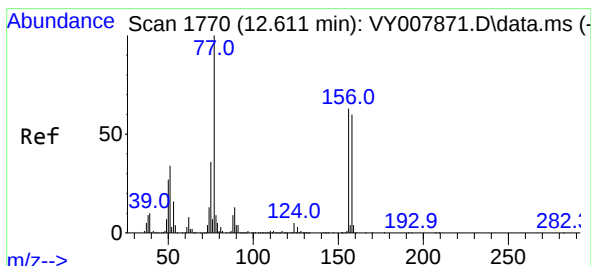
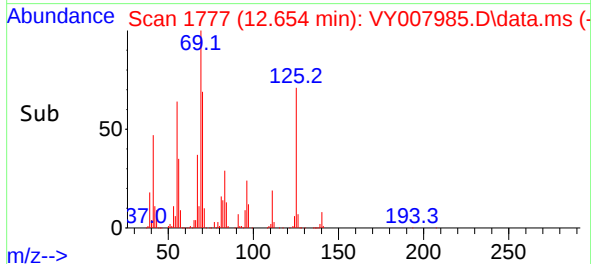
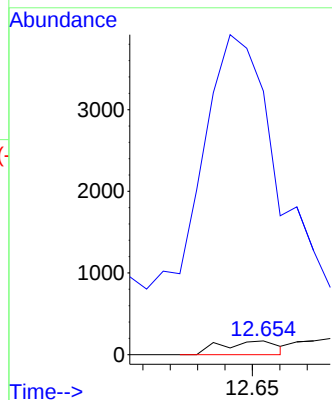
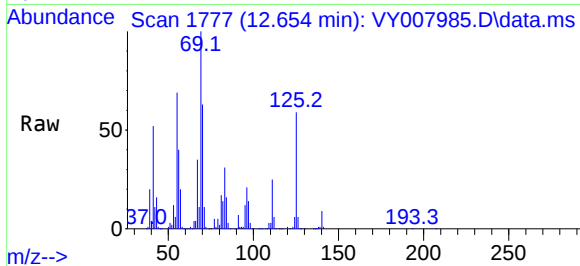




#76  
1,2,3-Trichloropropane  
Concen: 3.007 ug/l  
RT: 12.654 min Scan# 1768  
Delta R.T. 0.018 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

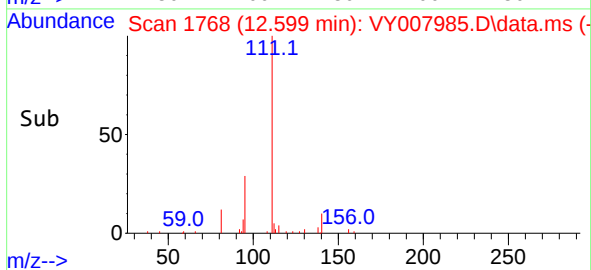
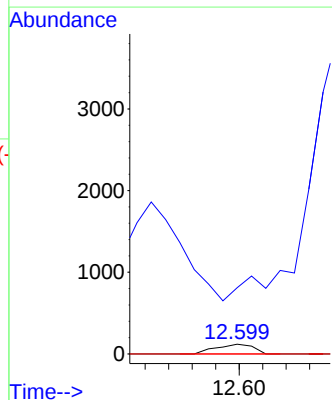
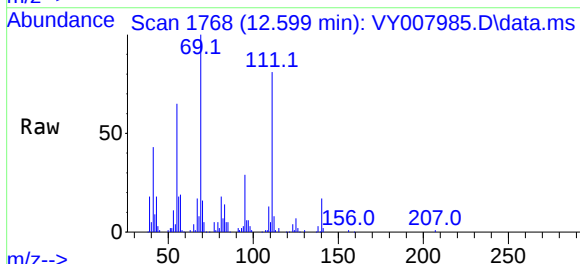
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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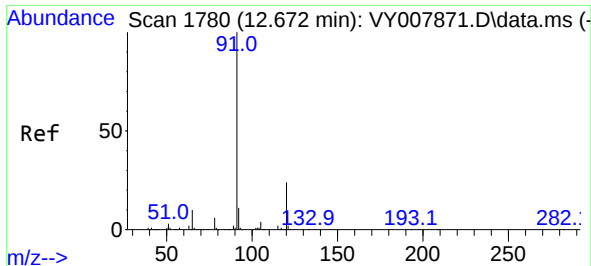
Tgt Ion: 75 Resp: 239  
Ion Ratio Lower Upper  
75 100  
77 2784.9 0.0 0.0#



#77  
Bromobenzene  
Concen: 1.177 ug/l  
RT: 12.599 min Scan# 1768  
Delta R.T. -0.012 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 156 Resp: 132  
Ion Ratio Lower Upper  
156 100  
77 0.0 95.5 286.4#  
158 0.0 48.0 144.0#

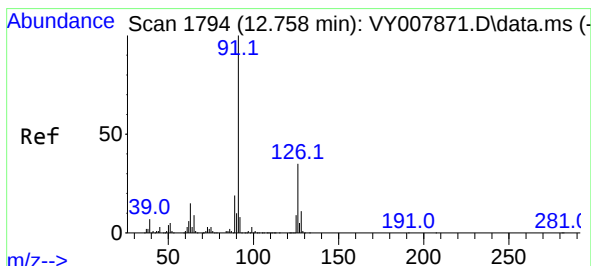
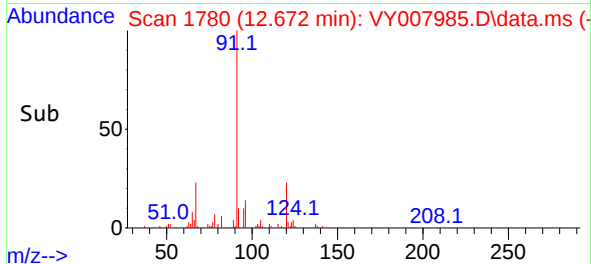
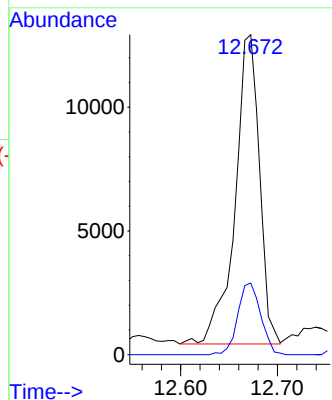
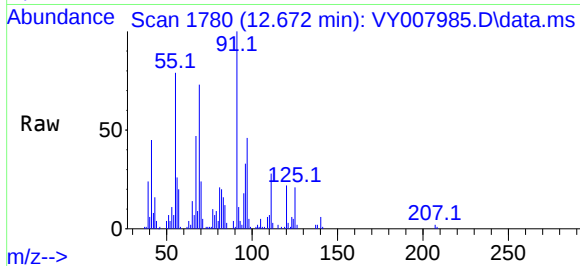




#78  
n-propylbenzene  
Concen: 36.987 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

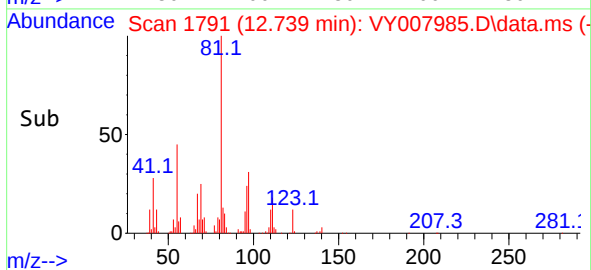
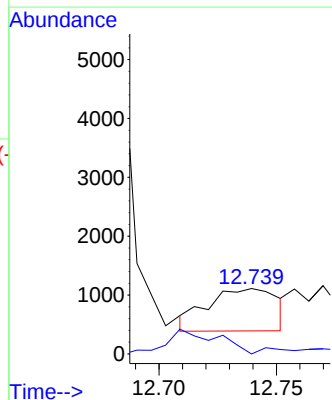
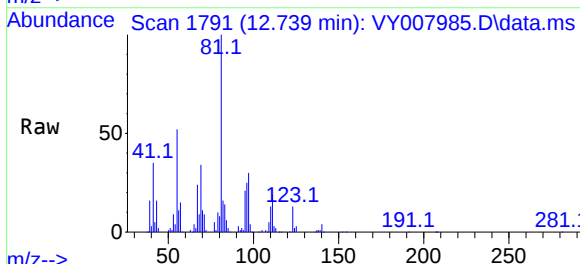
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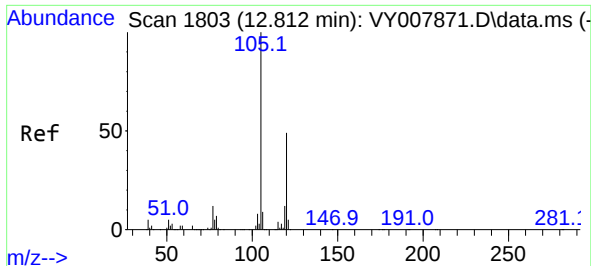
Tgt Ion: 91 Resp: 21921  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.3 33.9



#79  
2-Chlorotoluene  
Concen: 4.453 ug/l  
RT: 12.739 min Scan# 1791  
Delta R.T. -0.018 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 91 Resp: 1485  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.9 50.6#

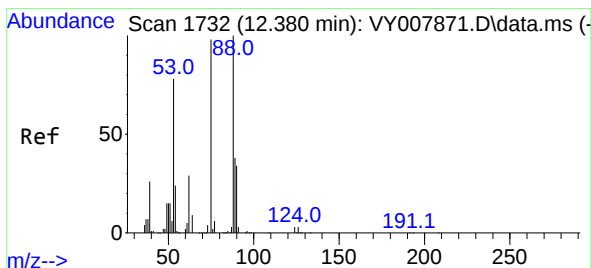
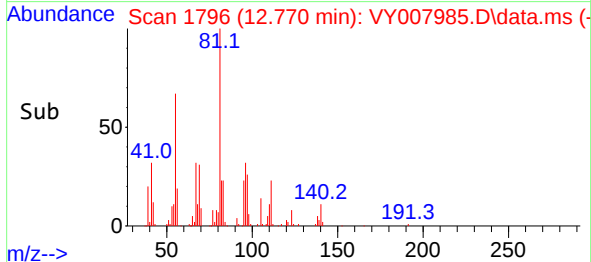
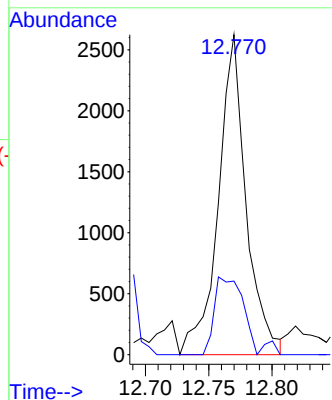
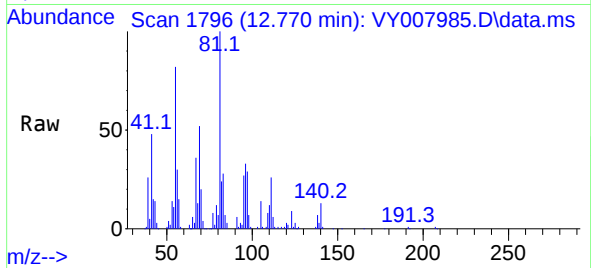




#80  
1,3,5-Trimethylbenzene  
Concen: 9.923 ug/l  
RT: 12.770 min Scan# 1796  
Delta R.T. -0.043 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

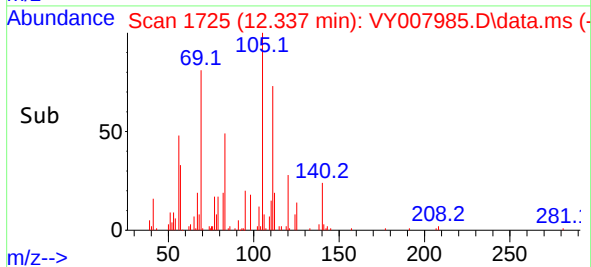
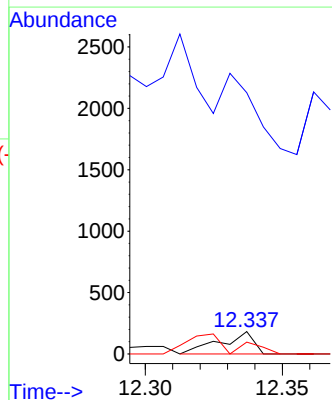
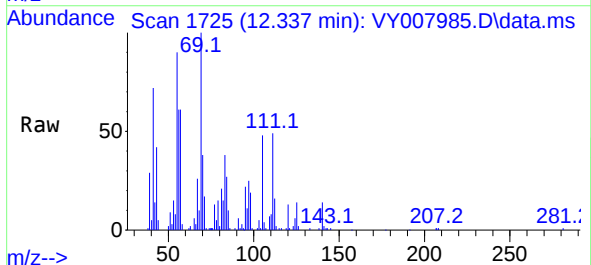
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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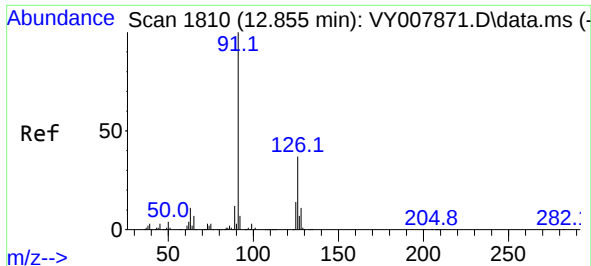
Tgt Ion:105 Resp: 4005  
Ion Ratio Lower Upper  
105 100  
120 26.6 24.4 73.4



#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.070 ug/l  
RT: 12.337 min Scan# 1725  
Delta R.T. -0.043 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 75 Resp: 154  
Ion Ratio Lower Upper  
75 100  
53 0.0 85.3 127.9#  
89 126.0 37.0 55.4#

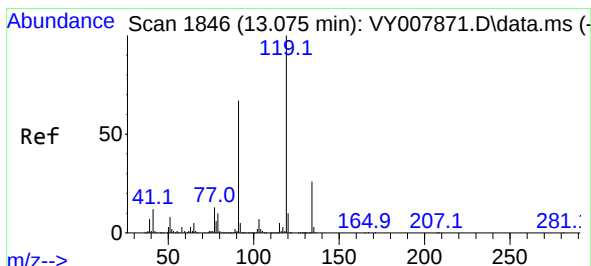
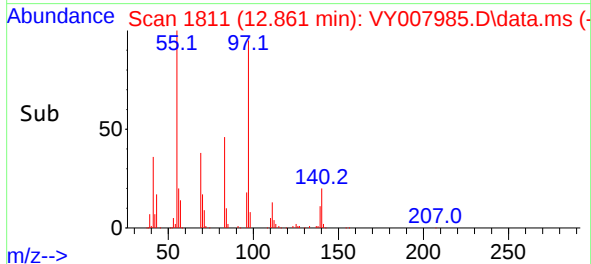
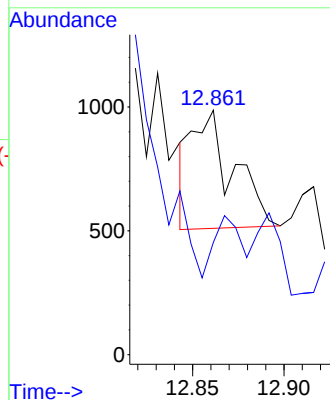
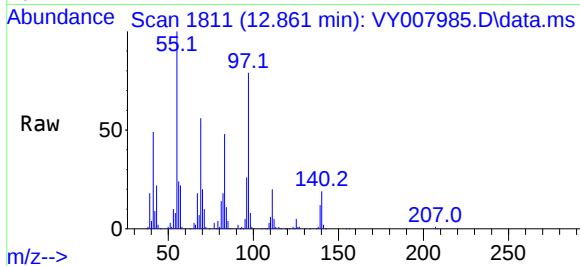




#82  
4-Chlorotoluene  
Concen: 2.168 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

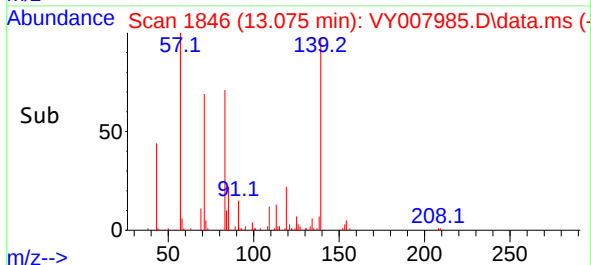
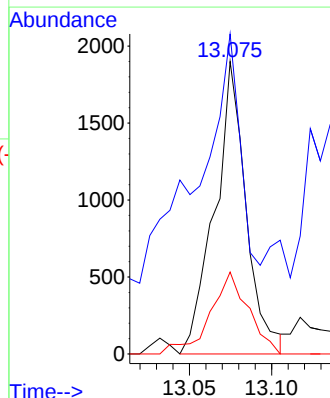
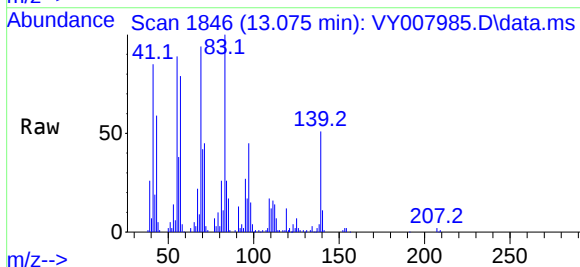
Instrument :  
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ClientSampleId :  
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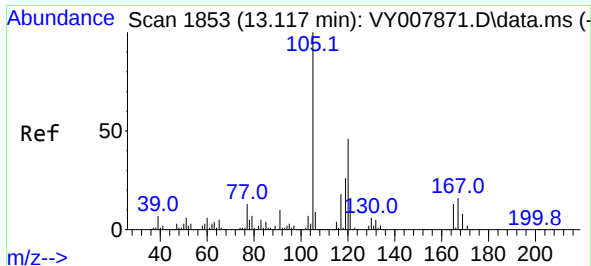
Tgt Ion: 91 Resp: 751  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.0 51.0#



#83  
tert-Butylbenzene  
Concen: 7.005 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 119 Resp: 2530  
Ion Ratio Lower Upper  
119 100  
91 122.8 34.8 104.4#  
134 33.9 13.3 39.9

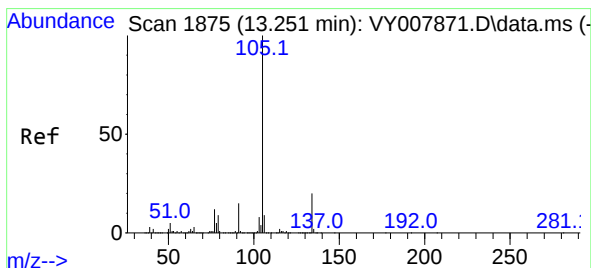
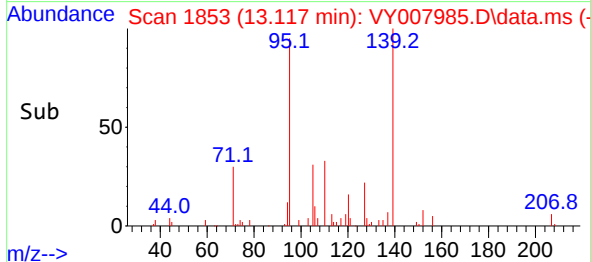
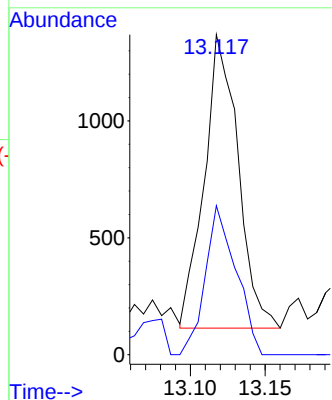
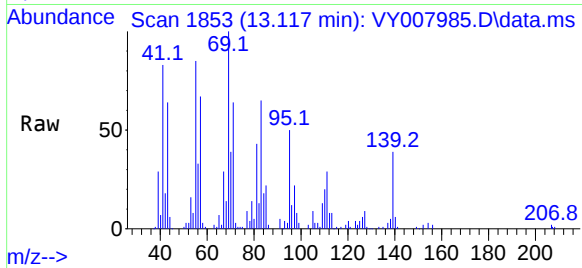




#84  
1,2,4-Trimethylbenzene  
Concen: 4.999 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

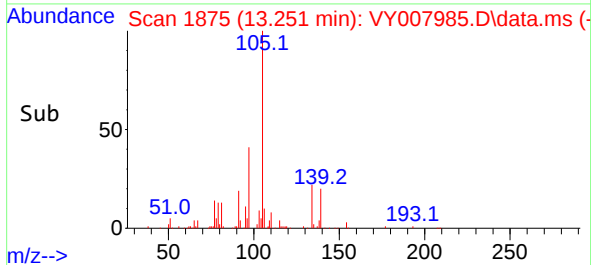
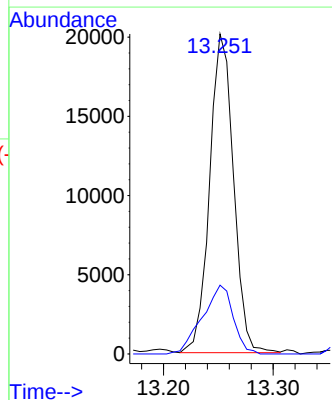
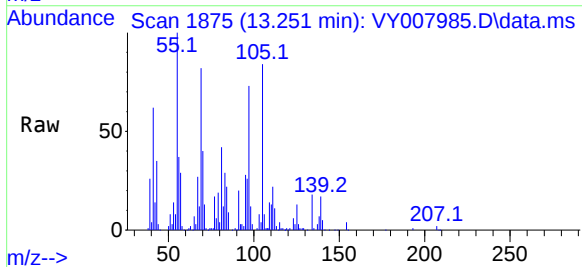
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ClientSampleId :  
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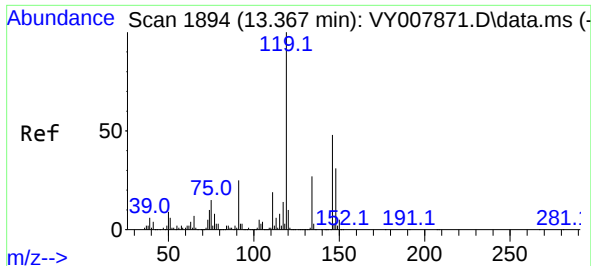
Tgt Ion:105 Resp: 1978  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.3 66.9



#85  
sec-Butylbenzene  
Concen: 56.229 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion:105 Resp: 30437  
Ion Ratio Lower Upper  
105 100  
134 27.8 10.2 30.4

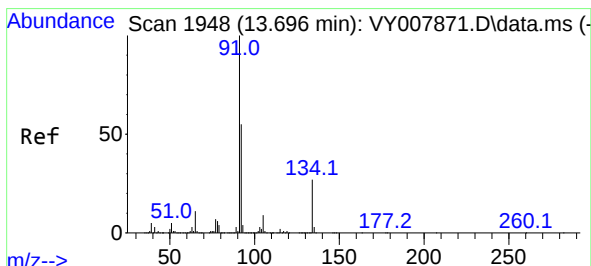
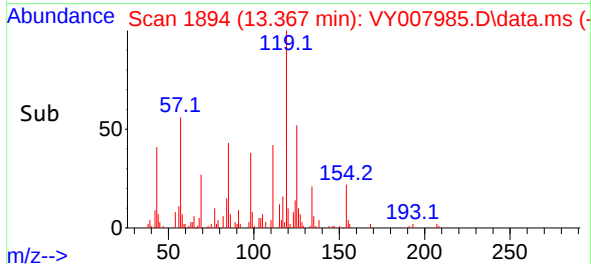
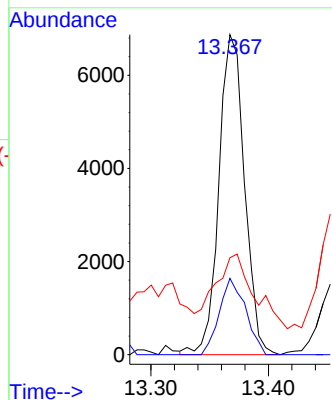
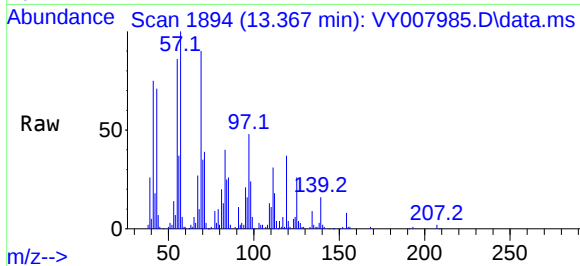




#86  
p-Isopropyltoluene  
Concen: 23.691 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

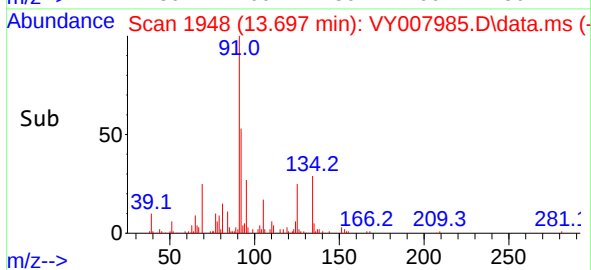
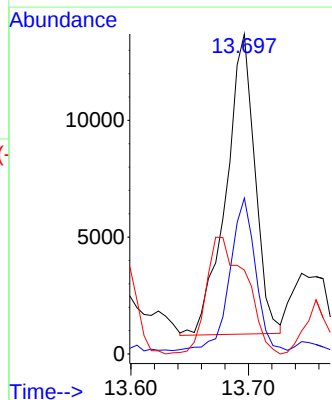
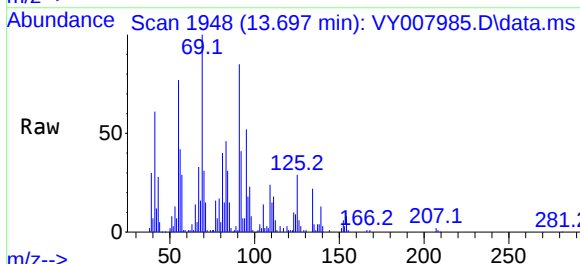
Instrument :  
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ClientSampleId :  
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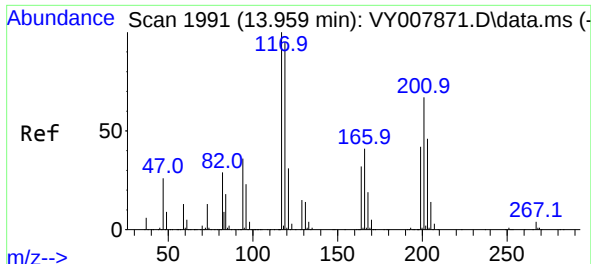
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 10411 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 24.5  | 13.2  | 39.5  |
| 91       | 35.4  | 12.4  | 37.2  |



#89  
n-Butylbenzene  
Concen: 52.100 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 21972 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 46.1  | 26.3  | 78.9  |
| 134      | 0.0   | 13.0  | 38.9  |

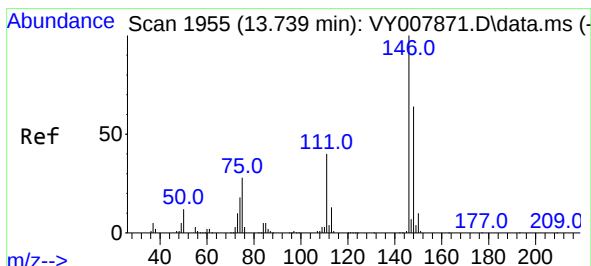
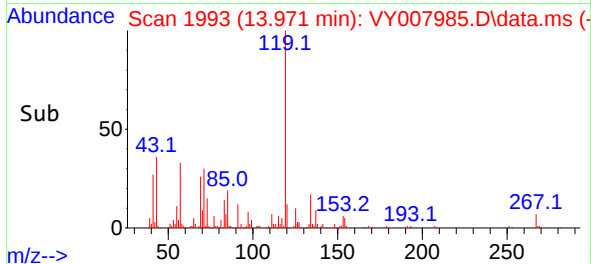
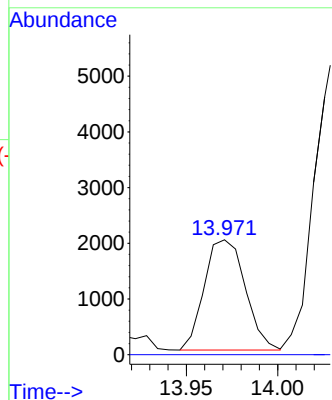
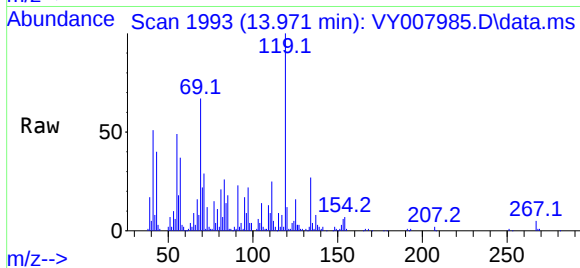




#90  
Hexachloroethane  
Concen: 35.217 ug/l  
RT: 13.971 min Scan# 1993  
Delta R.T. 0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

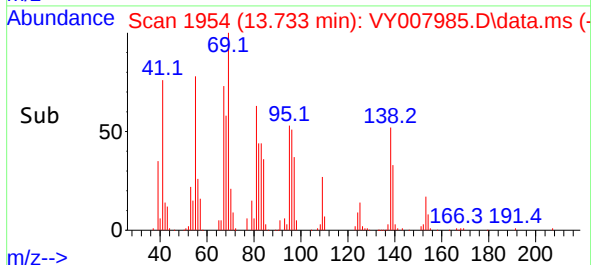
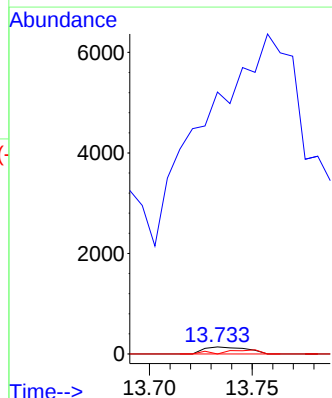
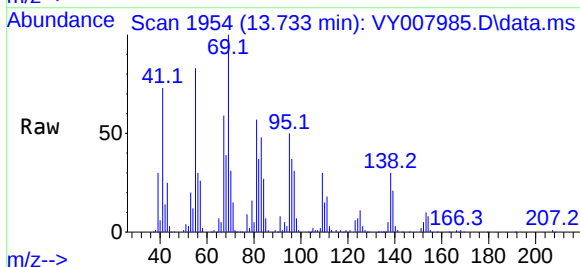
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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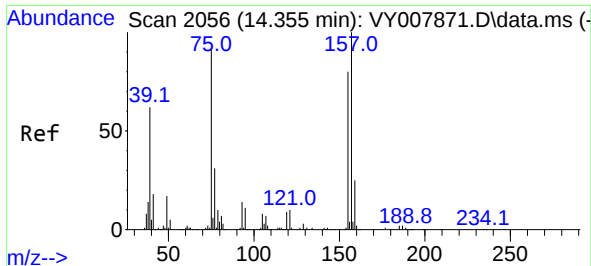
Tgt Ion:117 Resp: 3089  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.0 128.8#



#91  
1,2-Dichlorobenzene  
Concen: 1.035 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion:146 Resp: 204  
Ion Ratio Lower Upper  
146 100  
111 0.0 20.3 60.9#  
148 0.0 32.3 96.9#

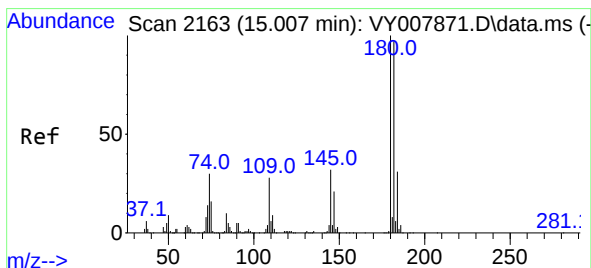
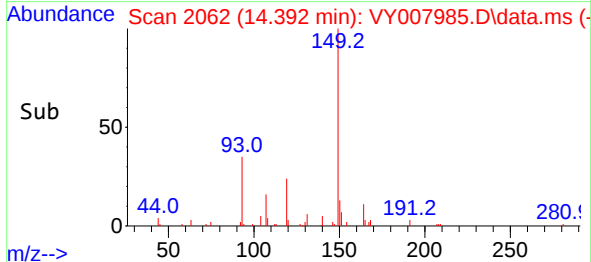
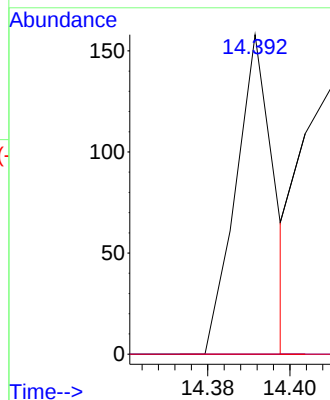
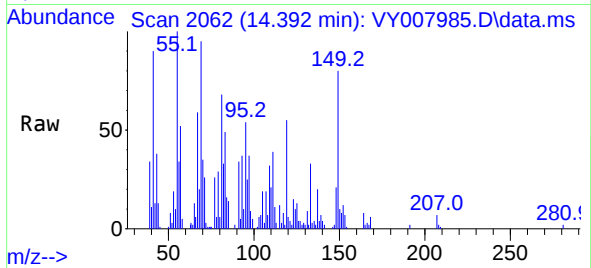




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.722 ug/l  
RT: 14.392 min Scan# 2056  
Delta R.T. 0.037 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

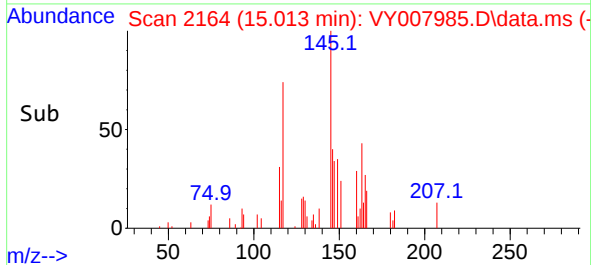
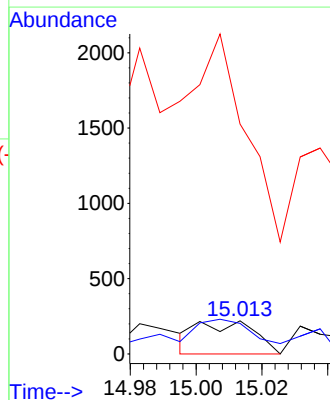
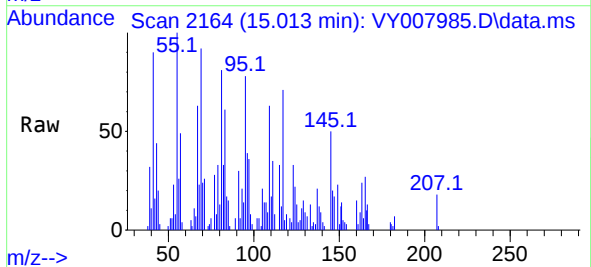
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MSVOA\_Y  
ClientSampleId :  
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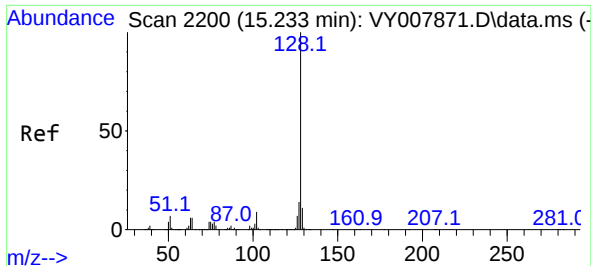
Tgt Ion: 75 Resp: 104  
Ion Ratio Lower Upper  
75 100  
155 0.0 38.0 113.9#  
157 0.0 47.8 143.3#



#93  
1,2,4-Trichlorobenzene  
Concen: 2.087 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion: 180 Resp: 260  
Ion Ratio Lower Upper  
180 100  
182 166.5 47.3 141.9#  
145 0.0 14.6 43.8#

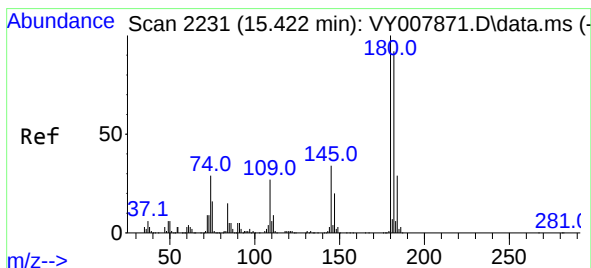
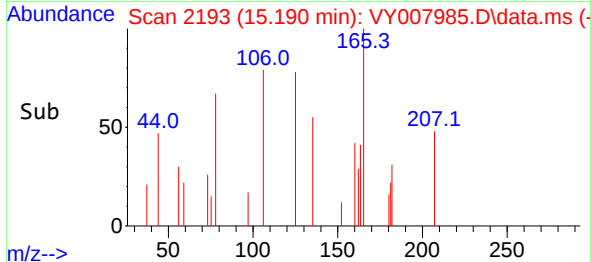
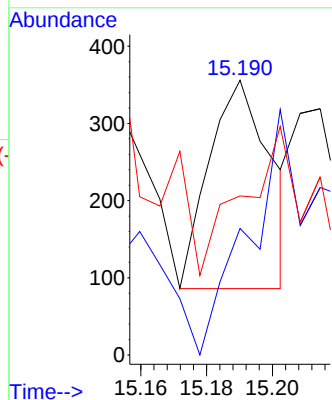
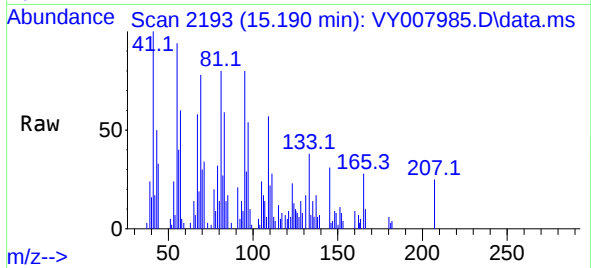




#95  
Naphthalene  
Concen: 1.256 ug/l  
RT: 15.190 min Scan# 2193  
Delta R.T. -0.049 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Tgt Ion:128 Resp: 349  
Ion Ratio Lower Upper  
128 100  
127 228.1 11.0 16.4#  
129 80.8 8.4 12.6#



#96  
1,2,3-Trichlorobenzene  
Concen: 1.365 ug/l  
RT: 15.440 min Scan# 2234  
Delta R.T. 0.012 min  
Lab File: VY007985.D  
Acq: 22 Mar 2022 04:37

Tgt Ion:180 Resp: 150  
Ion Ratio Lower Upper  
180 100  
182 42.7 47.3 141.9#  
145 1282.0 15.3 45.9#

