

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032222\  
 Data File : VY007999.D  
 Acq On : 22 Mar 2022 14:45  
 Operator : SY/MD  
 Sample : N2057-05RE  
 Misc : 6.24g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UST-7-SOUTH-SIDEWALLRE

Quant Time: Mar 23 05:07:19 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  | 206898   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 381285   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 258996   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.404 | 152  | 48147    | 50.000 | ug/l  | #-0.02   |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 127629   | 54.102   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 108.200% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 118910   | 44.407   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 88.820%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 450683   | 56.511   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 113.020% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 201874   | 52.530   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 105.060% |      |

|                               |        |     |         |           |      |       |
|-------------------------------|--------|-----|---------|-----------|------|-------|
| Target Compounds              |        |     |         | Qvalue    |      |       |
| 2) Dichlorodifluoromethane    | 1.906  | 85  | 83      | Below Cal | #    | 43    |
| 3) Chloromethane              | 2.113  | 50  | 777     | Below Cal | #    | 80    |
| 4) Vinyl Chloride             | 2.217  | 62  | 261     | Below Cal | #    | 43    |
| 5) Bromomethane               | 2.656  | 94  | 515     | Below Cal | #    | 30    |
| 11) Tert butyl alcohol        | 4.948  | 59  | 586     | 2.132     | ug/l | # 77  |
| 16) Acetone                   | 3.942  | 43  | 34358   | 54.901    | ug/l | 97    |
| 17) Carbon Disulfide          | 4.192  | 76  | 22262   | Below Cal |      | 100   |
| 18) Methyl Acetate            | 4.472  | 43  | 1042    | Below Cal | #    | 83    |
| 20) Methylene Chloride        | 4.722  | 84  | 31126   | 9.035     | ug/l | # 83  |
| 25) 2-Butanone                | 6.990  | 43  | 17309   | 17.267    | ug/l | 95    |
| 29) Tetrahydrofuran           | 7.368  | 42  | 1009    | 1.571     | ug/l | # 48  |
| 31) Cyclohexane               | 7.783  | 56  | 9873    | Below Cal | #    | 47    |
| 36) 1,1-Dichloropropene       | 7.789  | 75  | 18793   | 4.732     | ug/l | # 50  |
| 37) Ethyl Acetate             | 6.990  | 43  | 17309   | 7.143     | ug/l | # 80  |
| 38) Carbon Tetrachloride      | 7.789  | 117 | 22233   | 5.239     | ug/l | # 15  |
| 39) Methylcyclohexane         | 9.179  | 83  | 56556   | 10.311    | ug/l | 95    |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43  | 3114    | 1.265     | ug/l | # 63  |
| 55) 1,1,2-Trichloroethane     | 10.618 | 97  | 113254  | 44.342    | ug/l | # 20  |
| 56) Ethyl methacrylate        | 10.520 | 69  | 54342   | 14.821    | ug/l | # 1   |
| 59) 2-Hexanone                | 10.801 | 43  | 311328  | 176.868   | ug/l | # 33  |
| 69) o-Xylene                  | 12.026 | 106 | 6859    | 1.645     | ug/l | # 1   |
| 73) Isopropylbenzene          | 12.331 | 105 | 5644    | 1.332     | ug/l | 84    |
| 74) N-amyl acetate            | 12.124 | 43  | 1256418 | 1004.870  | ug/l | # 62  |
| 75) 1,1,2,2-Tetrachloroethane | 12.556 | 83  | 186576  | 204.522   | ug/l | # 26  |
| 76) 1,2,3-Trichloropropane    | 12.648 | 75  | 2066    | 3.011     | ug/l | # 100 |
| 77) Bromobenzene              | 12.587 | 156 | 3525    | 3.640     | ug/l | # 1   |
| 78) n-propylbenzene           | 12.483 | 91  | 9186    | 1.795     | ug/l | 89    |
| 79) 2-Chlorotoluene           | 12.739 | 91  | 33795   | 11.738    | ug/l | # 41  |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75  | 45717   | 139.925   | ug/l | # 53  |
| 82) 4-Chlorotoluene           | 12.812 | 91  | 34020   | 11.374    | ug/l | # 1   |
| 83) tert-Butylbenzene         | 13.075 | 119 | 23171   | 7.430     | ug/l | 77    |
| 84) 1,2,4-Trimethylbenzene    | 12.971 | 105 | 54551   | 15.967    | ug/l | 78    |
| 85) sec-Butylbenzene          | 13.257 | 105 | 29953   | 6.408     | ug/l | 79    |
| 86) p-Isopropyltoluene        | 13.373 | 119 | 14381   | 3.790     | ug/l | # 42  |
| 89) n-Butylbenzene            | 13.684 | 91  | 48642   | 13.358    | ug/l | # 9   |
| 90) Hexachloroethane          | 13.977 | 117 | 56976   | 75.229    | ug/l | # 6   |

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 ALS Vial : 12 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
 UST-7-SOUTH-SIDEWALLRE

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 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

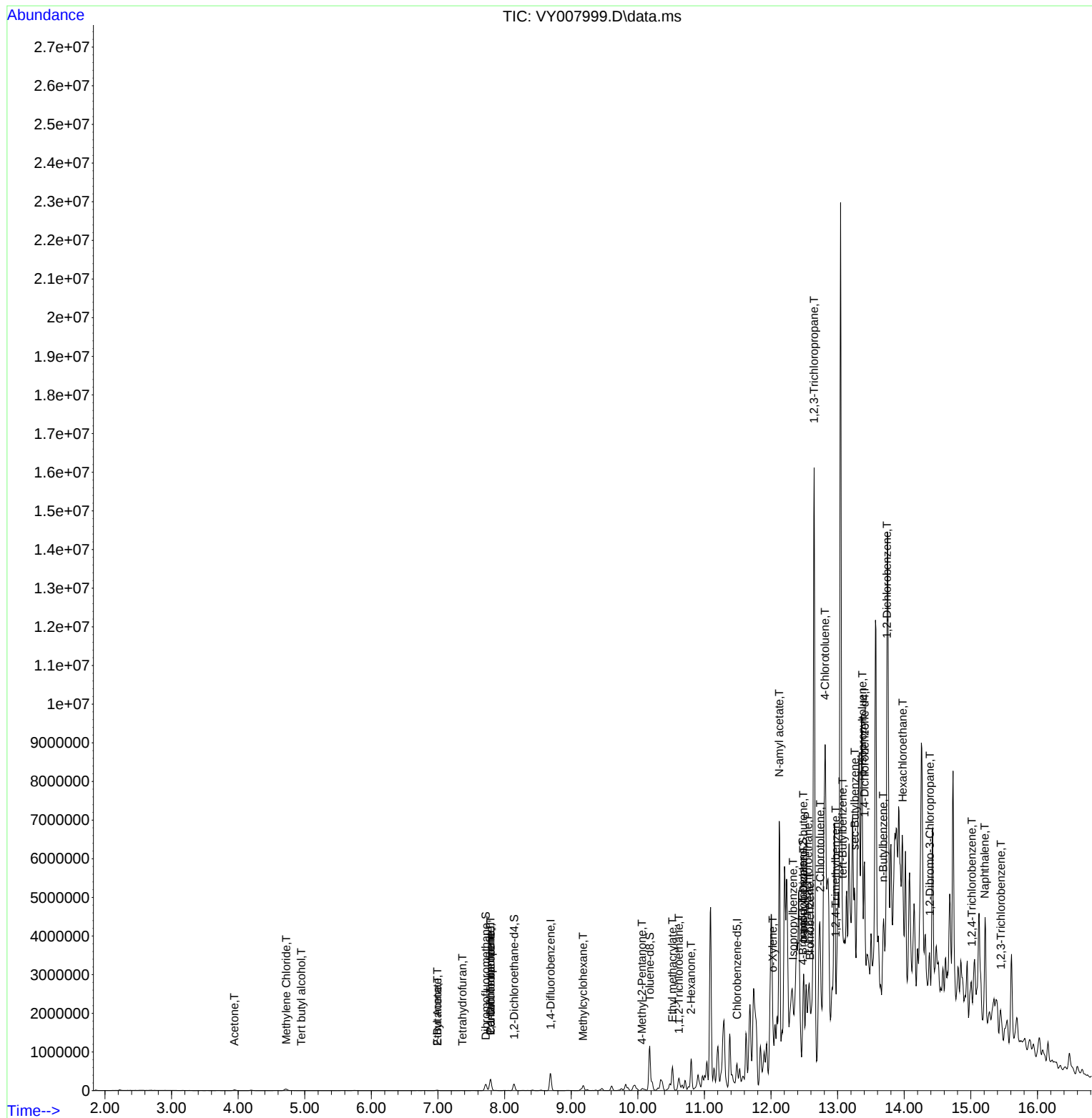
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 2214     | 1.301  | ug/l # | 1        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.385 | 75   | 2596     | 16.541 | ug/l # | 6        |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 8131     | 7.560  | ug/l # | 1        |
| 95) Naphthalene               | 15.208 | 128  | 29171    | 12.157 | ug/l # | 1        |
| 96) 1,2,3-Trichlorobenzene    | 15.452 | 180  | 12070    | 12.725 | ug/l # | 58       |

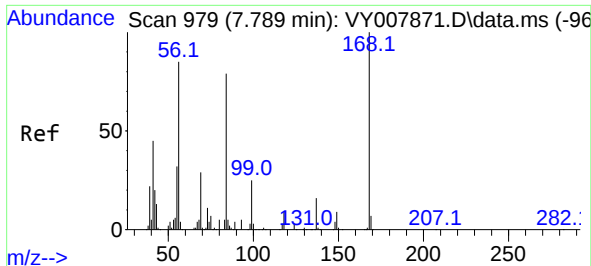
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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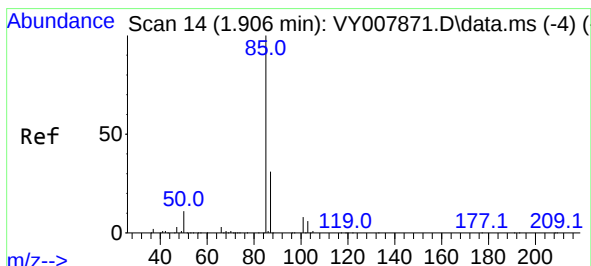
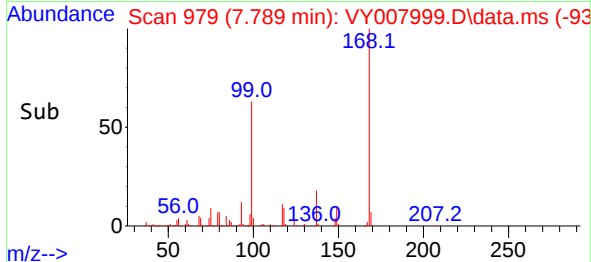
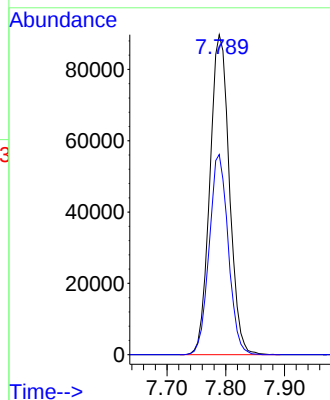
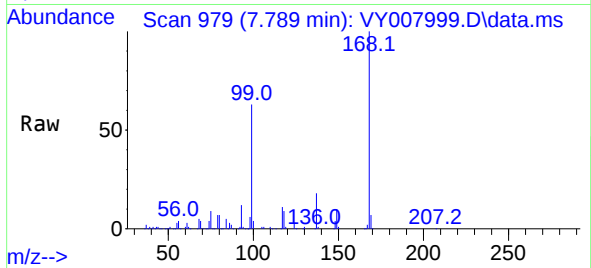




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

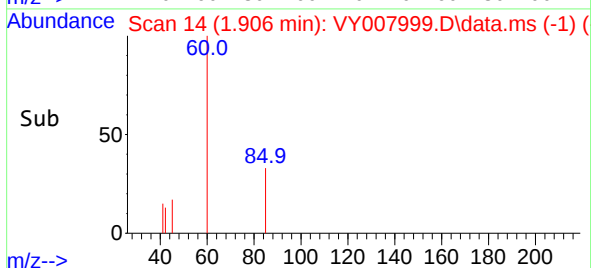
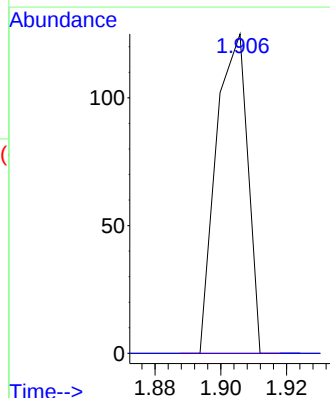
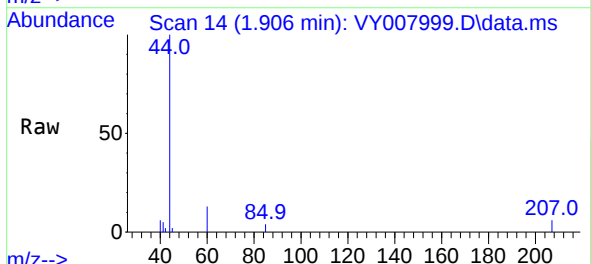
Instrument :  
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ClientSampleId :  
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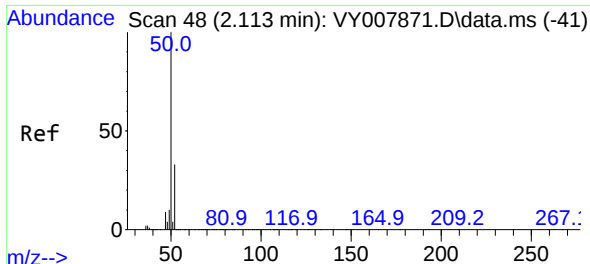
Tgt Ion:168 Resp: 206898  
Ion Ratio Lower Upper  
168 100  
99 62.5 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 85 Resp: 83  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.1 48.2#

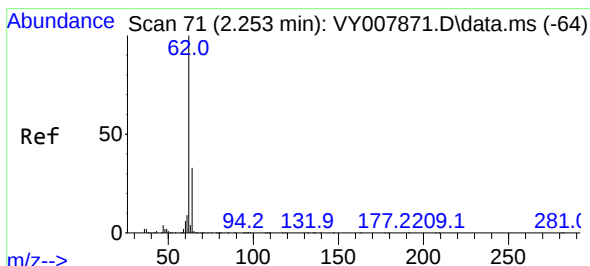
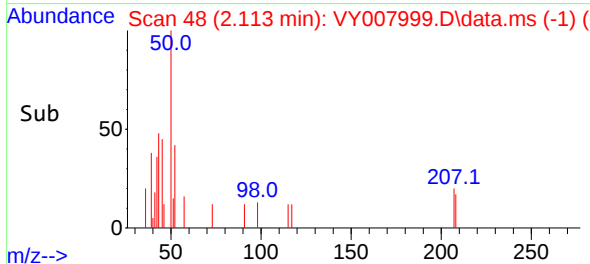
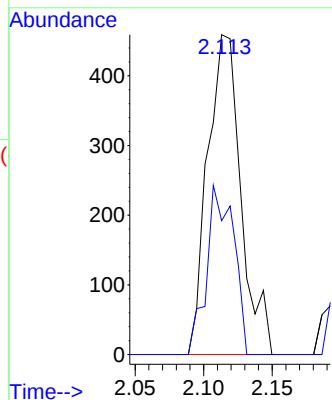
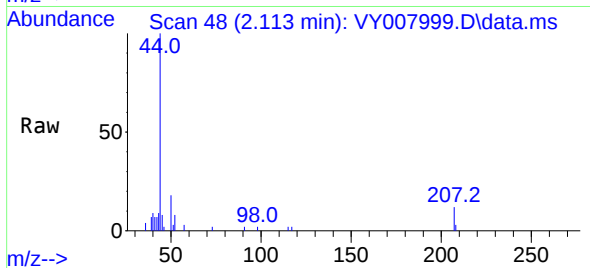




#3  
Chloromethane  
Concen: Below Cal  
RT: 2.113 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

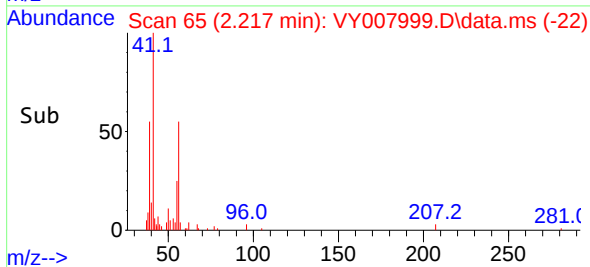
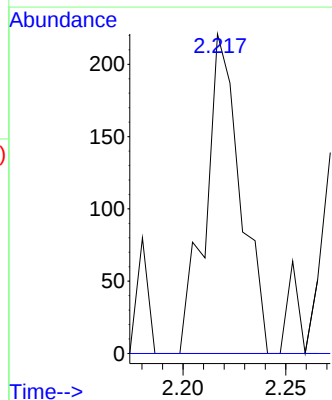
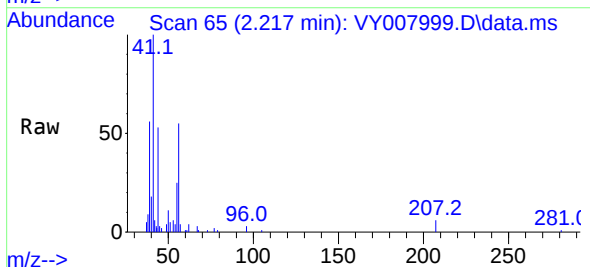
Instrument :  
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UST-7-SOUTH-SIDEWALLRE

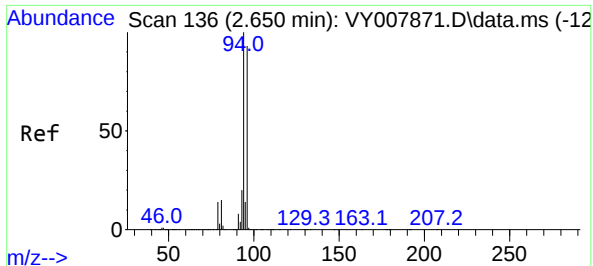
Tgt Ion: 50 Resp: 777  
Ion Ratio Lower Upper  
50 100  
52 41.8 24.6 37.0#



#4  
Vinyl Chloride  
Concen: Below Cal  
RT: 2.217 min Scan# 65  
Delta R.T. -0.037 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 62 Resp: 261  
Ion Ratio Lower Upper  
62 100  
64 0.0 25.0 37.6#

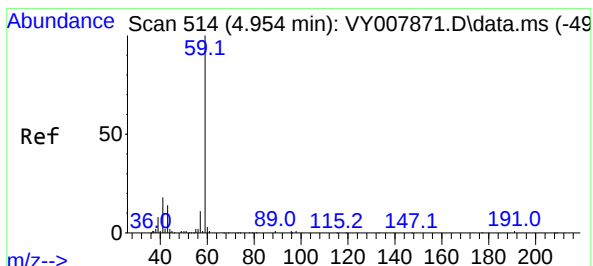
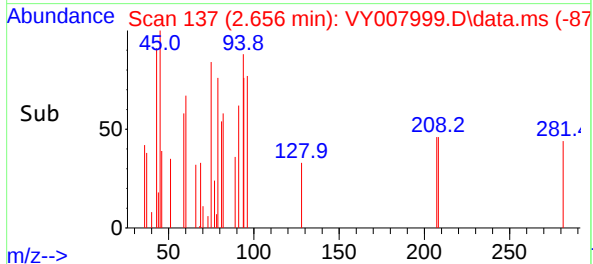
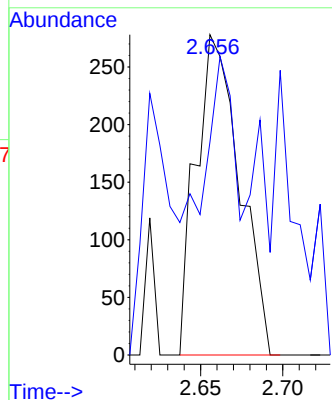
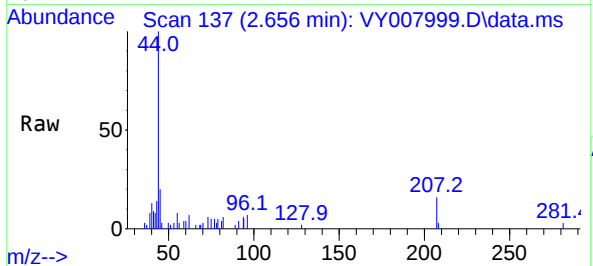




#5  
Bromomethane  
Concen: Below Cal  
RT: 2.656 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

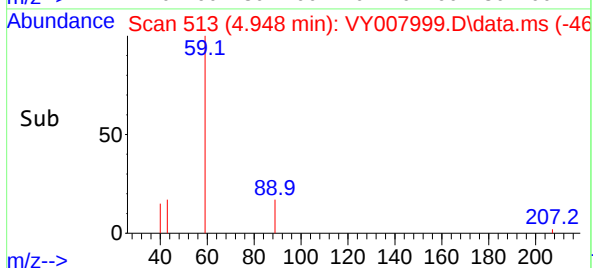
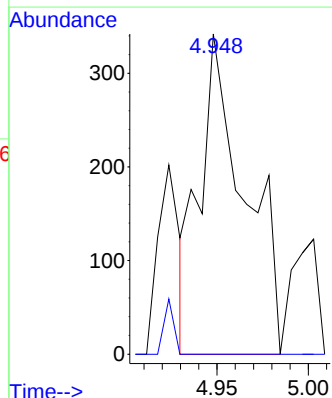
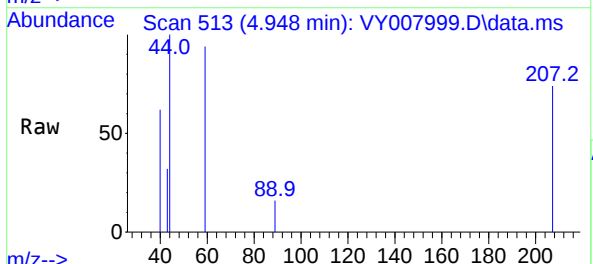
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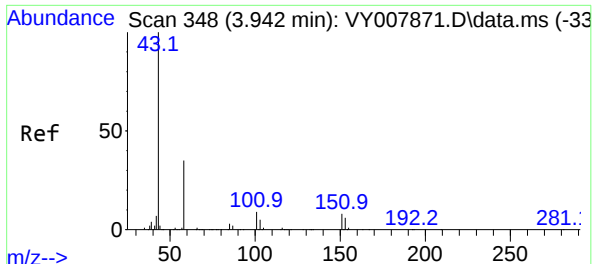
Tgt Ion: 94 Resp: 515  
Ion Ratio Lower Upper  
94 100  
96 25.2 73.5 110.3#



#11  
Tert butyl alcohol  
Concen: 2.132 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 59 Resp: 586  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.4 9.6#

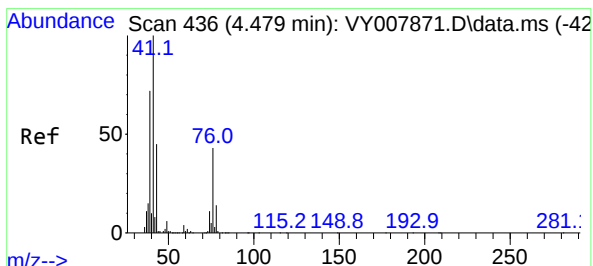
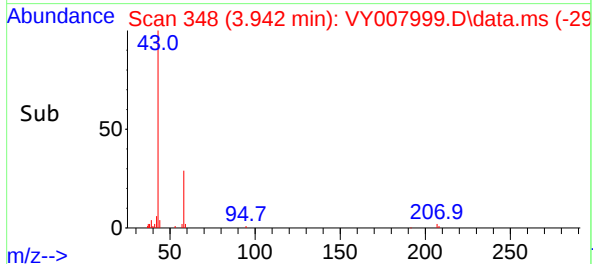
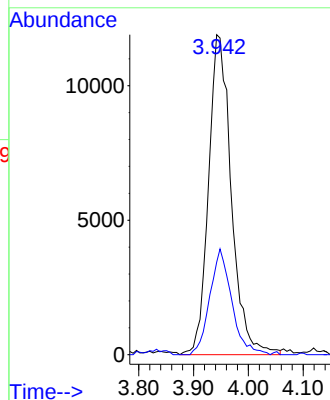
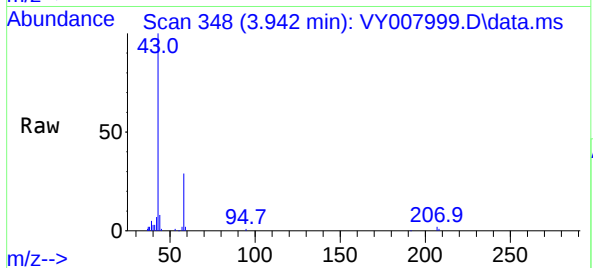




#16  
Acetone  
Concen: 54.901 ug/l  
RT: 3.942 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

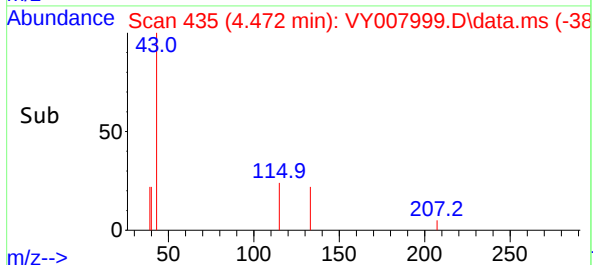
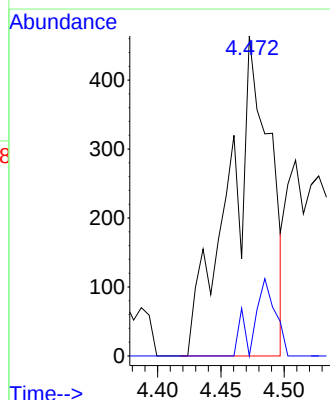
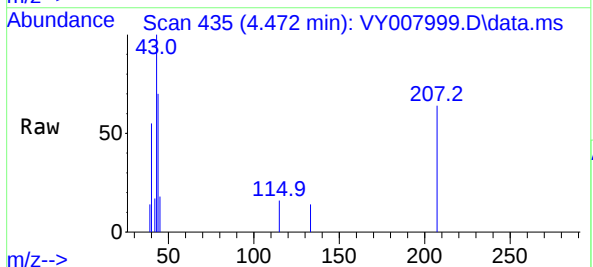
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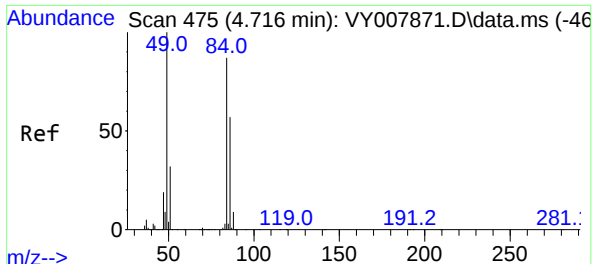
Tgt Ion: 43 Resp: 34358  
Ion Ratio Lower Upper  
43 100  
58 28.9 22.0 33.0



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.472 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 43 Resp: 1042  
Ion Ratio Lower Upper  
43 100  
74 13.0 16.6 24.8#

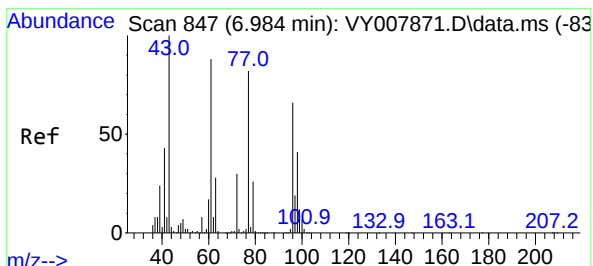
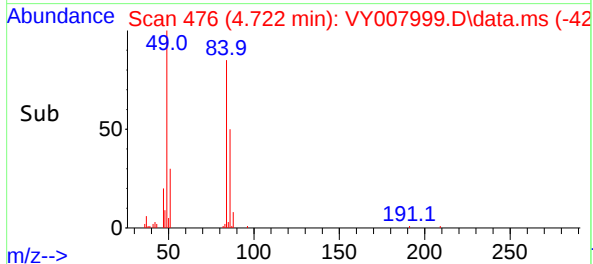
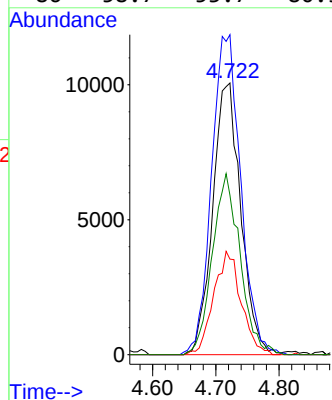
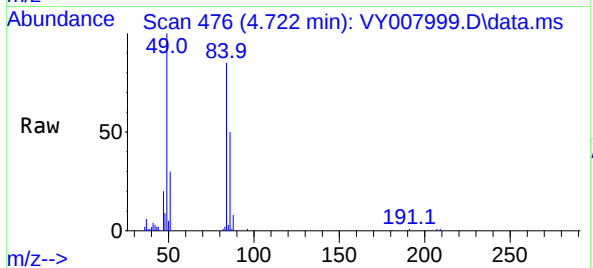




#20  
Methylene Chloride  
Concen: 9.035 ug/l  
RT: 4.722 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

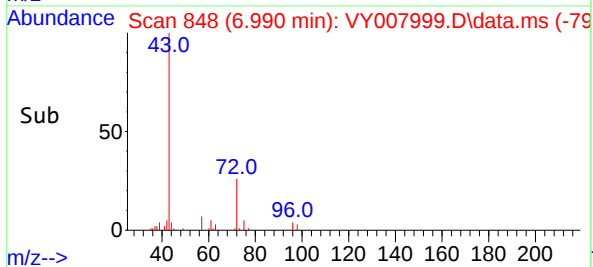
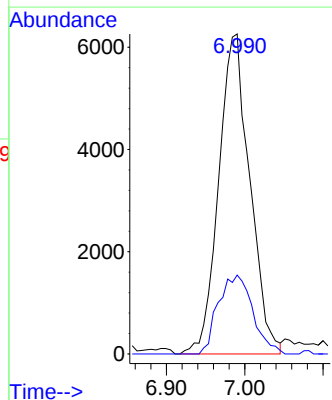
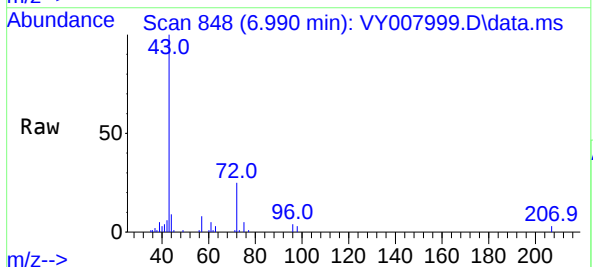
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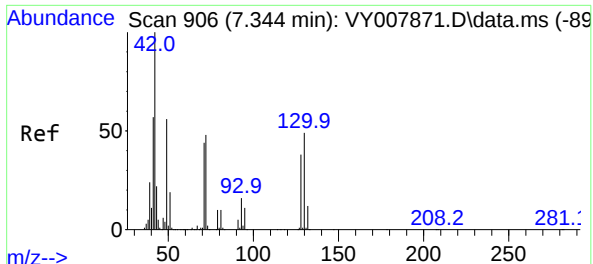
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Ion Ratio Lower Upper  
84 100  
49 117.8 114.4 171.6  
51 35.2 35.3 52.9#  
86 58.7 53.7 80.5



#25  
2-Butanone  
Concen: 17.267 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 43 Resp: 17309  
Ion Ratio Lower Upper  
43 100  
72 24.7 17.7 26.5

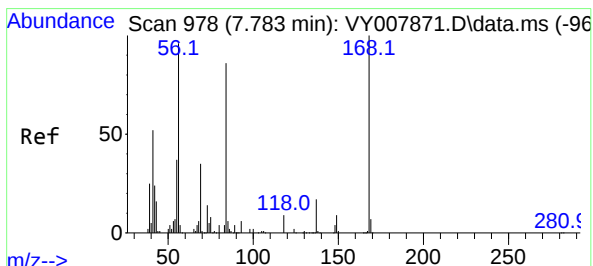
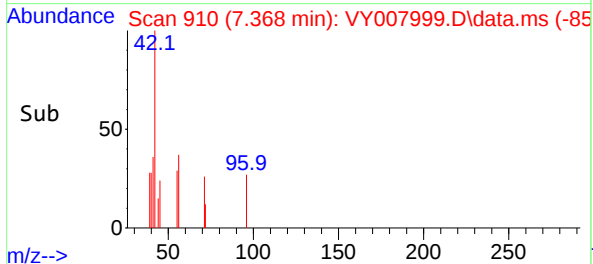
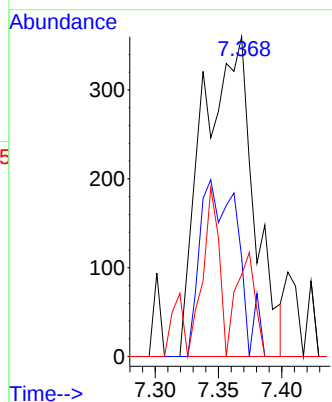
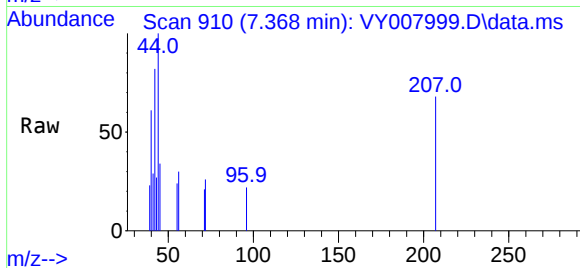




#29  
Tetrahydrofuran  
Concen: 1.571 ug/l  
RT: 7.368 min Scan# 910  
Delta R.T. 0.024 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

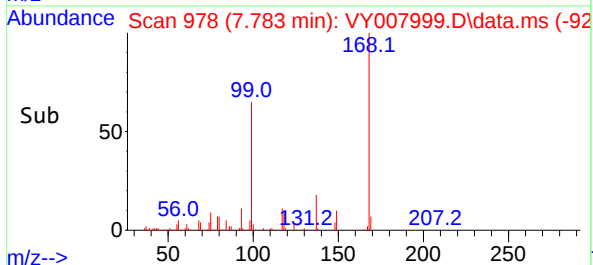
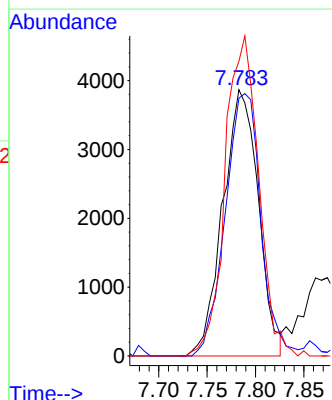
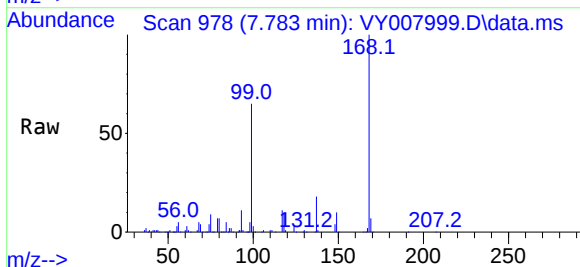
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

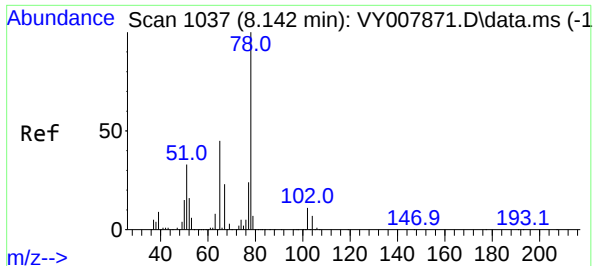
Tgt Ion: 42 Resp: 1009  
Ion Ratio Lower Upper  
42 100  
72 0.0 30.3 45.5#  
71 12.1 29.0 43.4#



#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.783 min Scan# 978  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 56 Resp: 9873  
Ion Ratio Lower Upper  
56 100  
69 96.8 26.7 40.1#  
84 110.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.102 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

Instrument :

MSVOA\_Y

ClientSampleId :

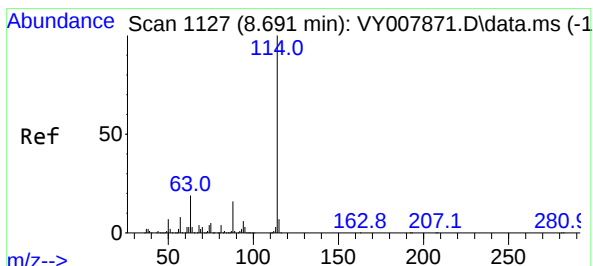
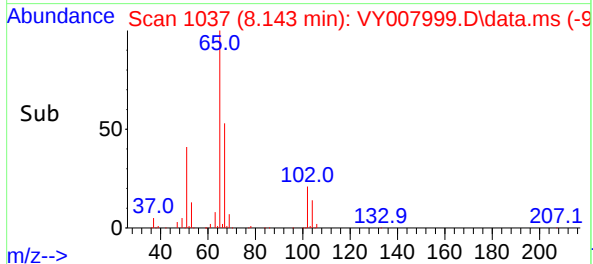
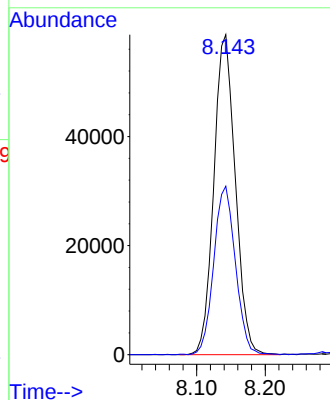
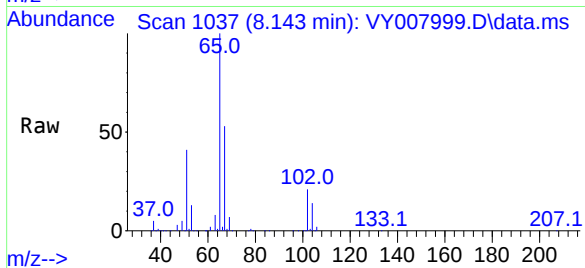
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Tgt Ion: 65 Resp: 127629

Ion Ratio Lower Upper

65 100

67 53.2 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: VY007999.D

Acq: 22 Mar 2022 14:45

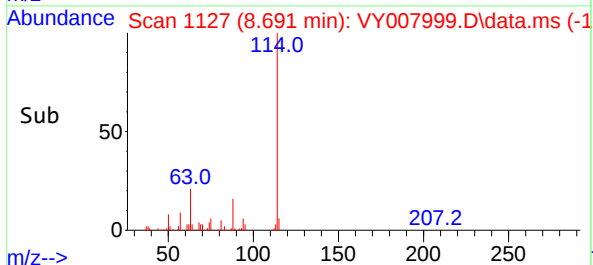
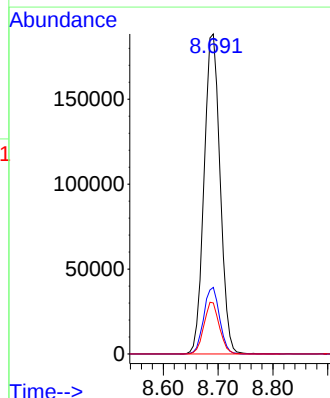
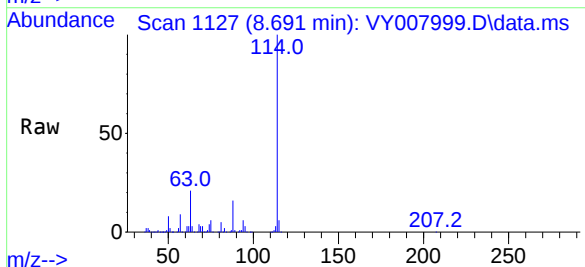
Tgt Ion: 114 Resp: 381285

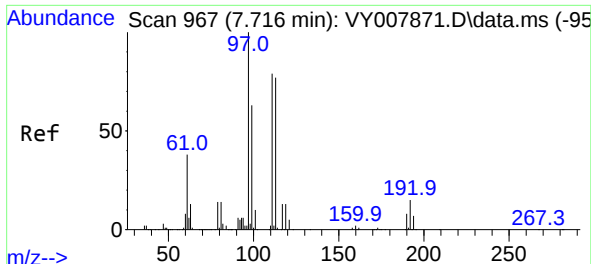
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.9 0.0 31.8

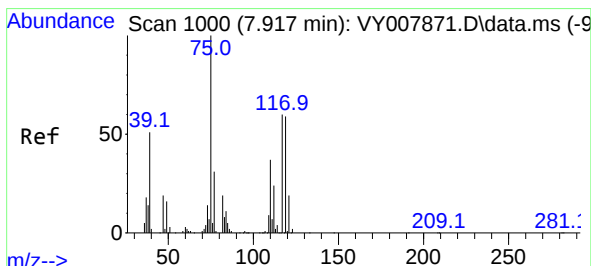
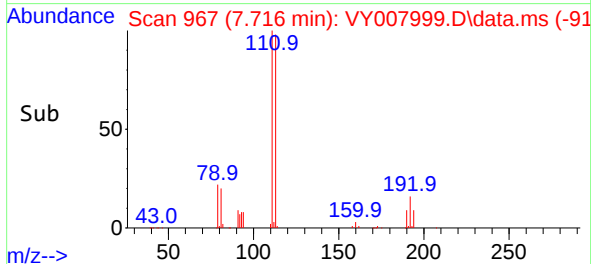
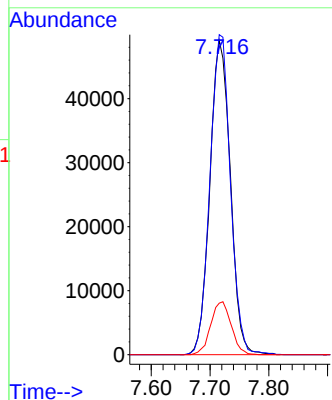
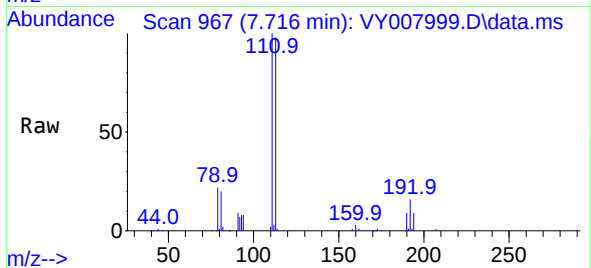




#35  
Dibromofluoromethane  
Concen: 44.407 ug/l  
RT: 7.716 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

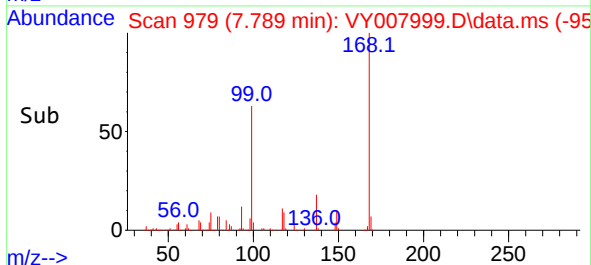
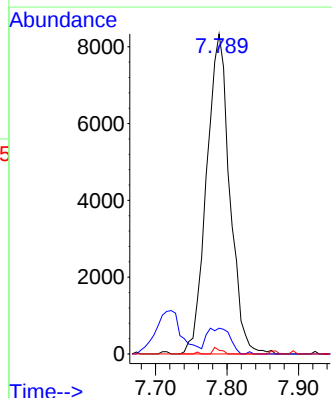
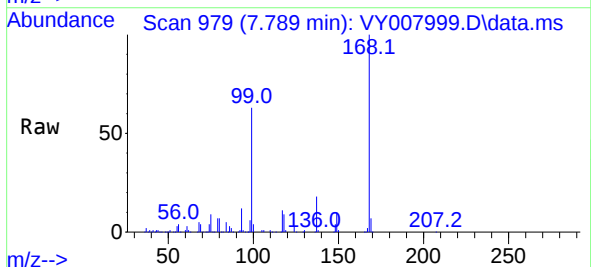
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

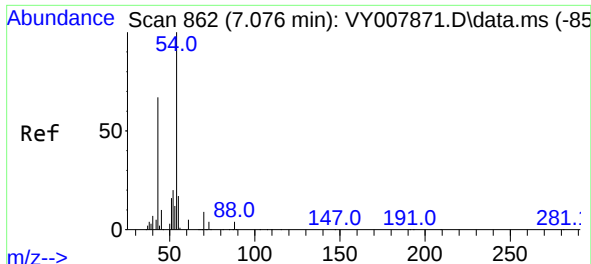
Tgt Ion:113 Resp: 118910  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.6 124.0  
192 16.8 17.6 26.4#



#36  
1,1-Dichloropropene  
Concen: 4.732 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.128 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 75 Resp: 18793  
Ion Ratio Lower Upper  
75 100  
110 8.0 17.1 51.2#  
77 0.7 24.4 36.6#

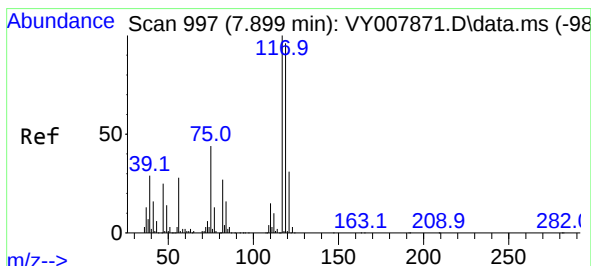
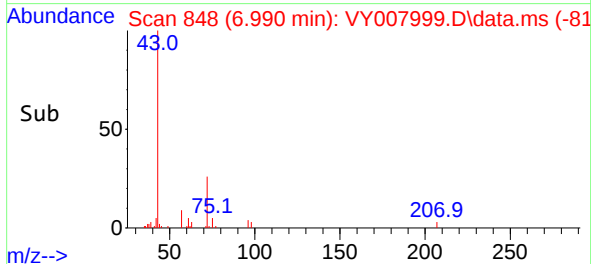
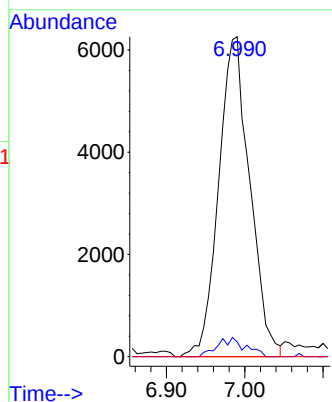
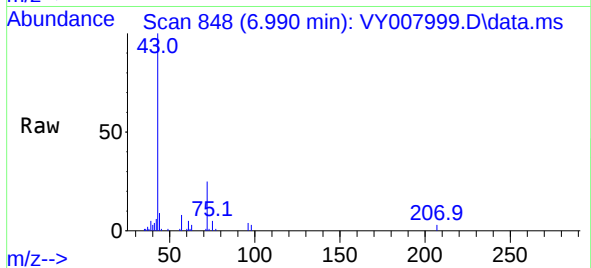




#37  
Ethyl Acetate  
Concen: 7.143 ug/l  
RT: 6.990 min Scan# 84  
Delta R.T. -0.079 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

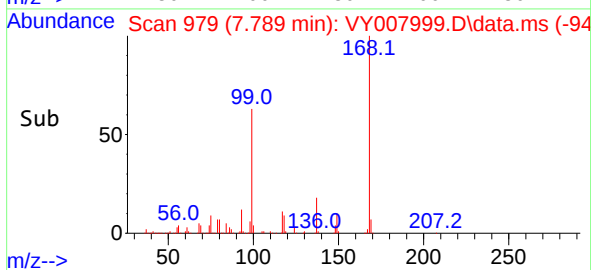
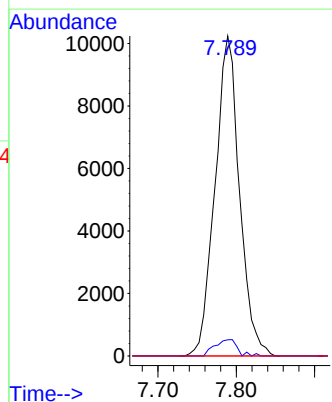
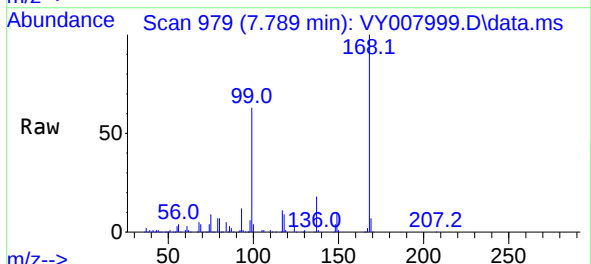
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

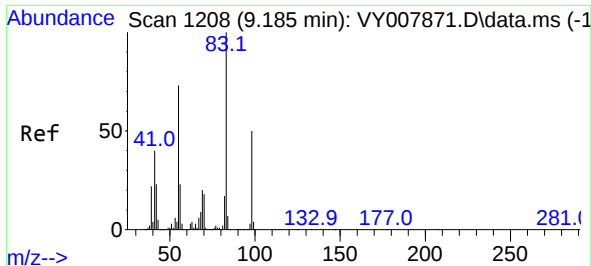
Tgt Ion: 43 Resp: 17309  
Ion Ratio Lower Upper  
43 100  
61 5.4 9.7 14.5#  
70 0.0 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 5.239 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.110 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 117 Resp: 22233  
Ion Ratio Lower Upper  
117 100  
119 5.0 77.9 116.9#  
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 10.311 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

Instrument :

MSVOA\_Y

ClientSampleId :

UST-7-SOUTH-SIDEWALLRE

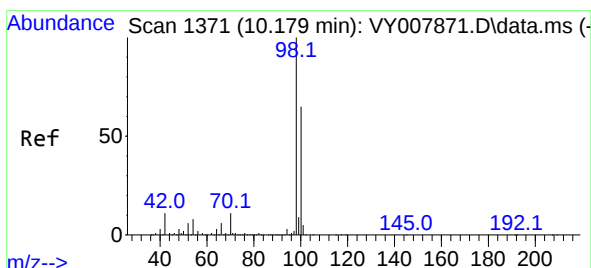
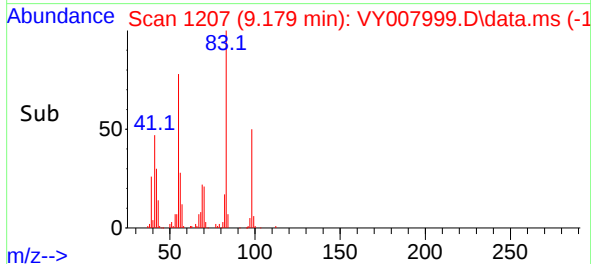
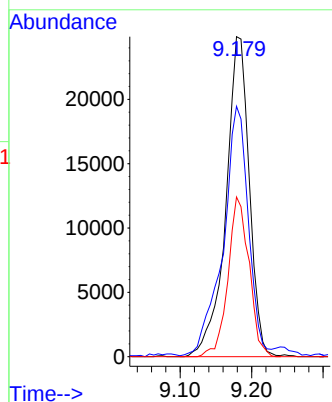
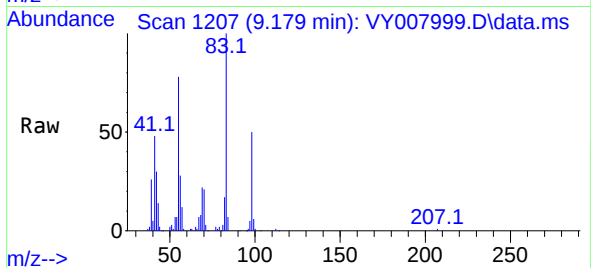
Tgt Ion: 83 Resp: 56556

Ion Ratio Lower Upper

83 100

55 77.9 66.5 99.7

98 49.9 37.9 56.9



#50

Toluene-d8

Concen: 56.511 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007999.D

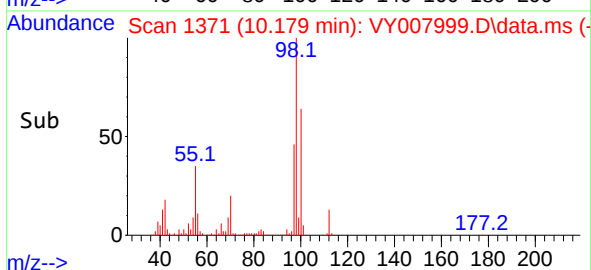
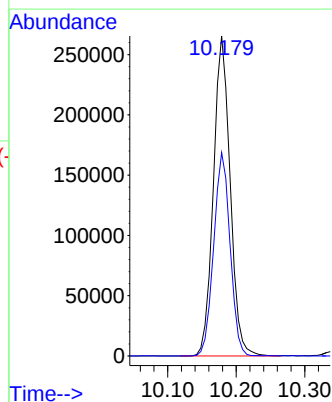
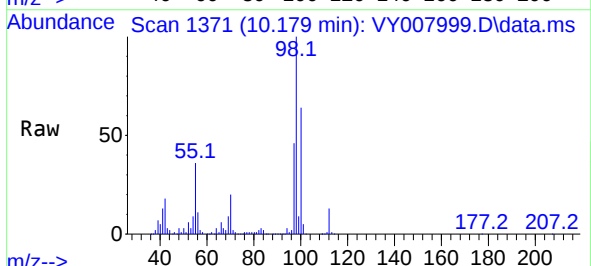
Acq: 22 Mar 2022 14:45

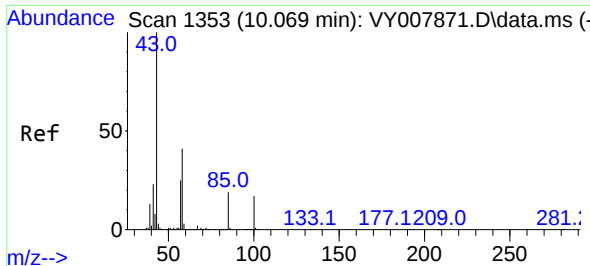
Tgt Ion: 98 Resp: 450683

Ion Ratio Lower Upper

98 100

100 62.0 50.2 75.2

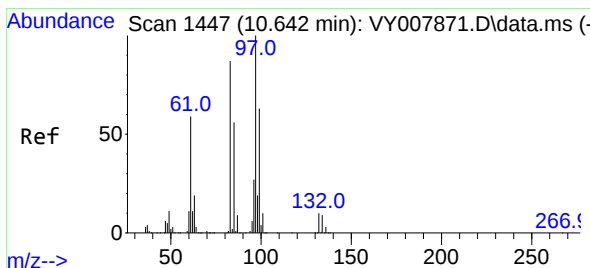
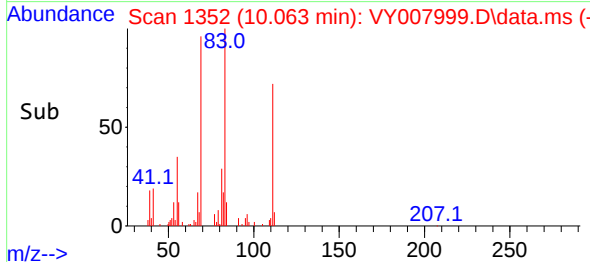
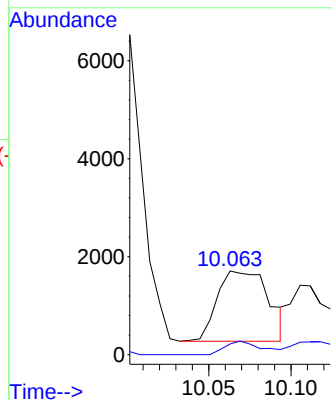
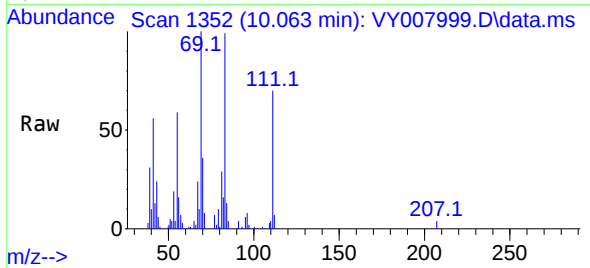




#51  
4-Methyl-2-Pentanone  
Concen: 1.265 ug/l  
RT: 10.063 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

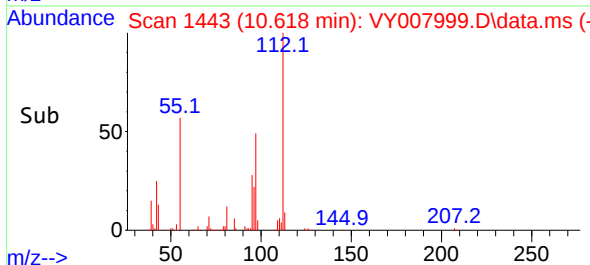
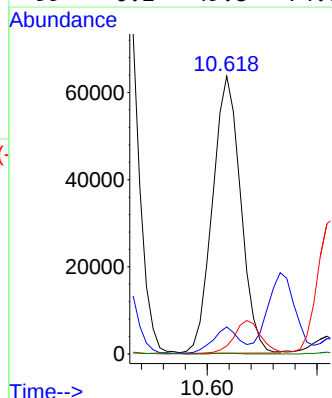
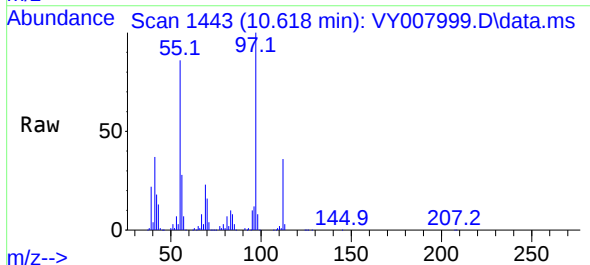
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

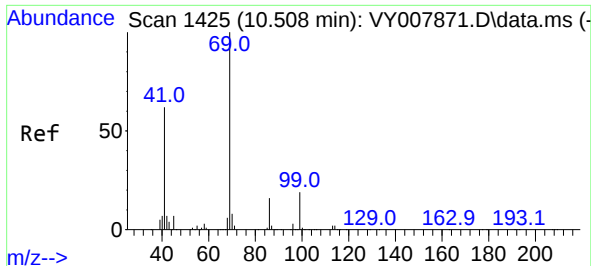
Tgt Ion: 43 Resp: 3114  
Ion Ratio Lower Upper  
43 100  
58 13.8 28.1 42.1#



#55  
1,1,2-Trichloroethane  
Concen: 44.342 ug/l  
RT: 10.618 min Scan# 1443  
Delta R.T. -0.024 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 97 Resp: 113254  
Ion Ratio Lower Upper  
97 100  
83 9.4 69.8 104.8#  
85 2.8 44.3 66.5#  
99 0.2 49.8 74.6#

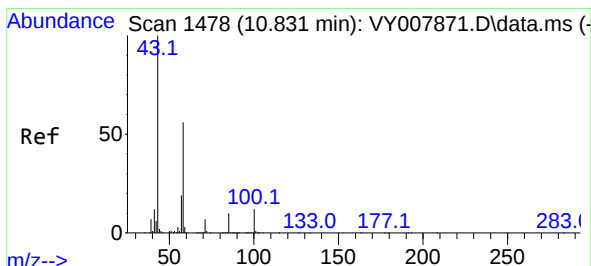
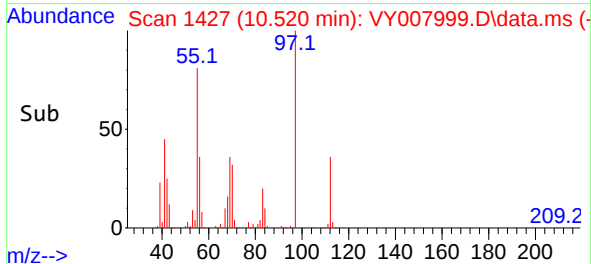
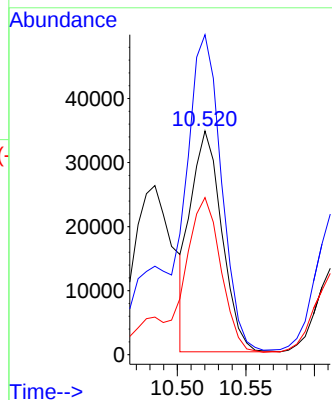
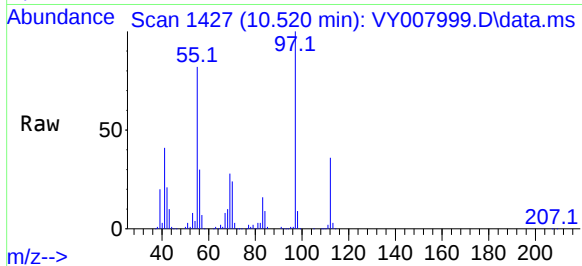




#56  
Ethyl methacrylate  
Concen: 14.821 ug/l  
RT: 10.520 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

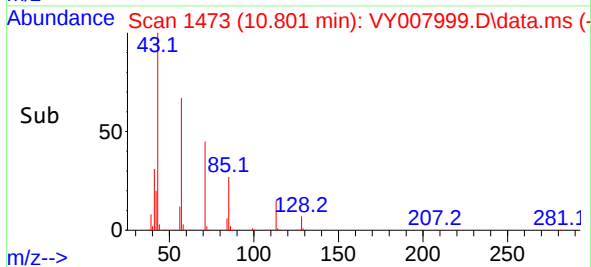
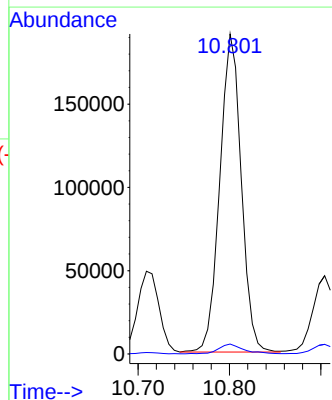
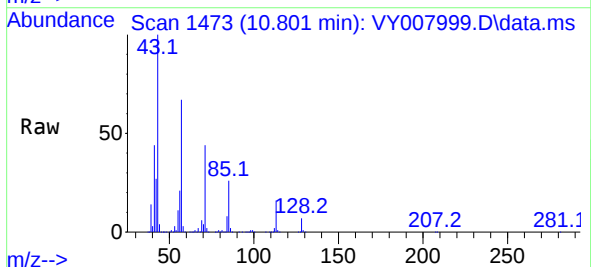
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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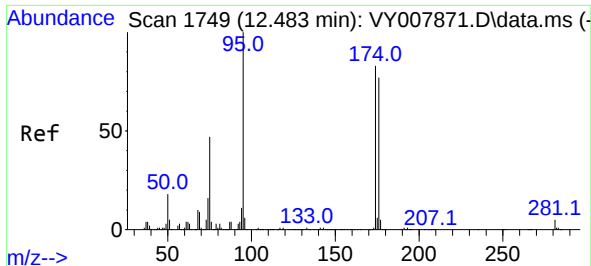
Tgt Ion: 69 Resp: 54342  
Ion Ratio Lower Upper  
69 100  
41 214.5 63.4 95.0#  
39 99.4 35.8 53.8#



#59  
2-Hexanone  
Concen: 176.868 ug/l  
RT: 10.801 min Scan# 1473  
Delta R.T. -0.031 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 43 Resp: 311328  
Ion Ratio Lower Upper  
43 100  
58 3.5 24.4 73.4#

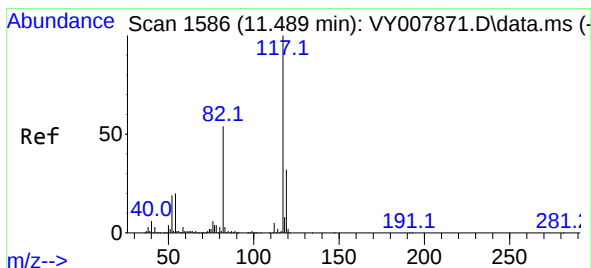
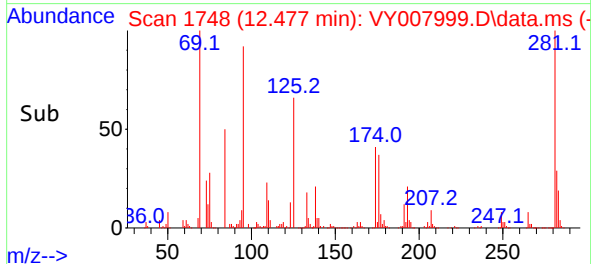
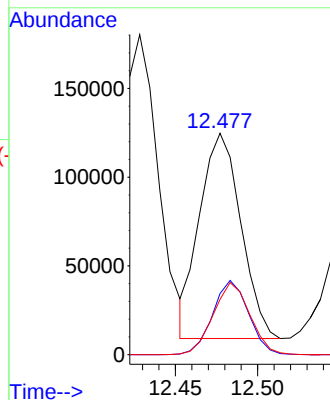
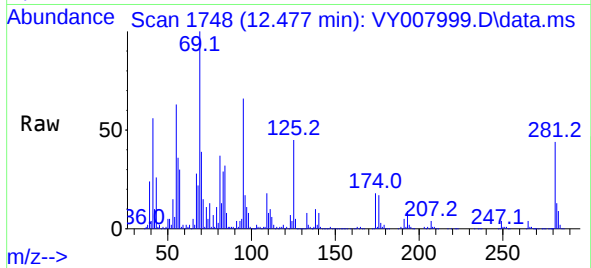




#62  
4-Bromofluorobenzene  
Concen: 52.530 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

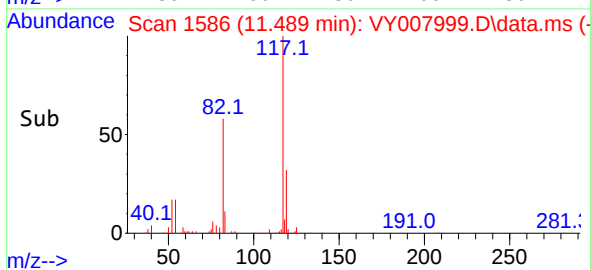
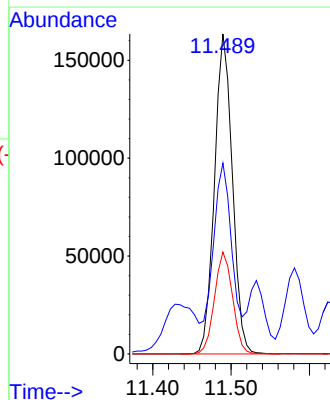
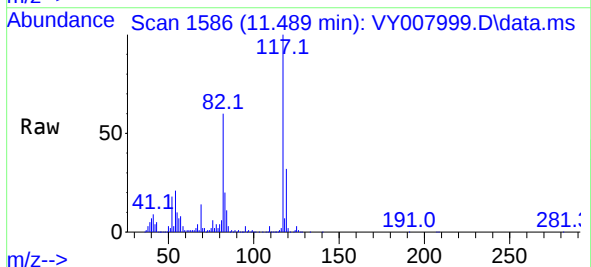
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

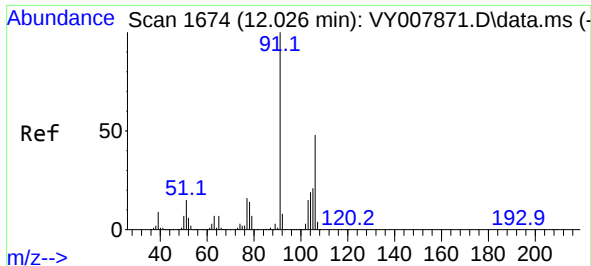
Tgt Ion: 95 Resp: 201874  
Ion Ratio Lower Upper  
95 100  
174 31.5 0.0 177.0  
176 31.3 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 117 Resp: 258996  
Ion Ratio Lower Upper  
117 100  
82 51.3 43.0 64.4  
119 31.8 25.4 38.0

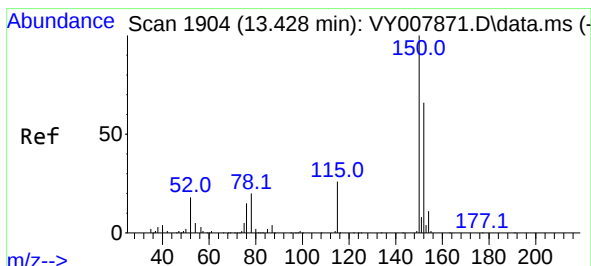
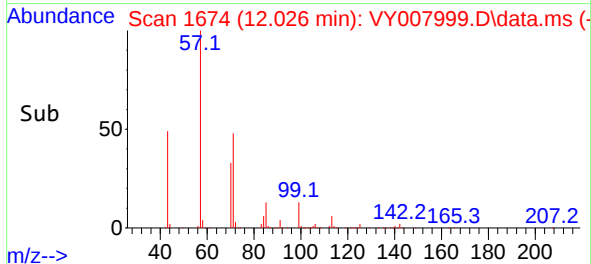
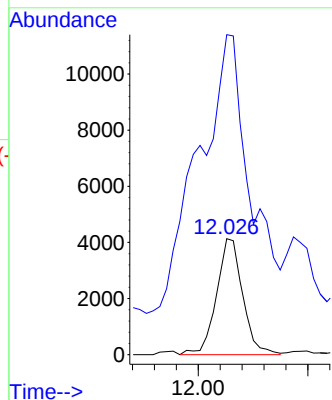
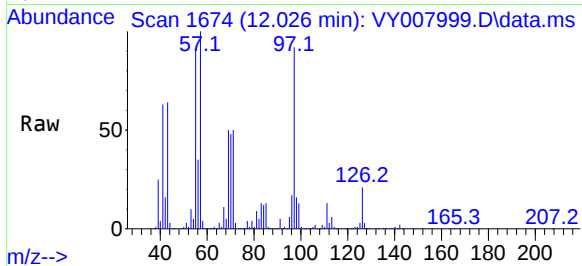




#69  
o-Xylene  
Concen: 1.645 ug/l  
RT: 12.026 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

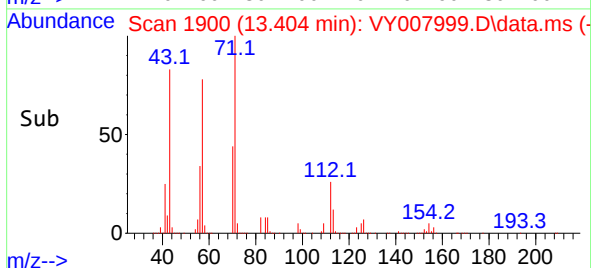
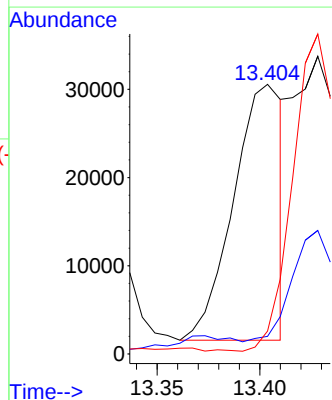
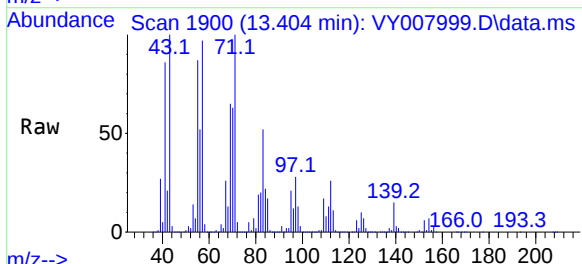
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

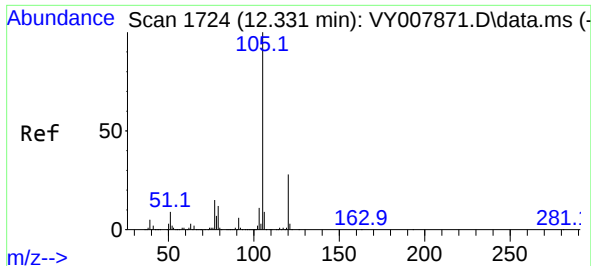
Tgt Ion:106 Resp: 6859  
Ion Ratio Lower Upper  
106 100  
91 470.8 110.3 331.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.404 min Scan# 1900  
Delta R.T. -0.025 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion:152 Resp: 48147  
Ion Ratio Lower Upper  
152 100  
115 0.0 28.2 84.7#  
150 0.0 0.0 347.6

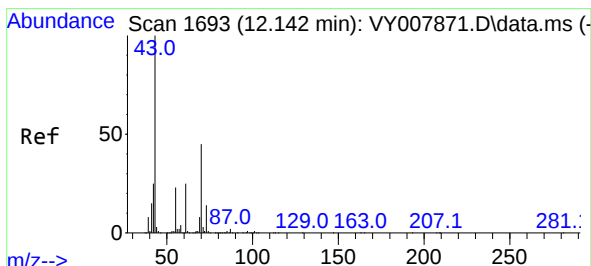
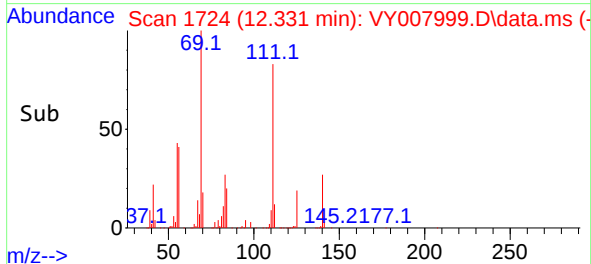
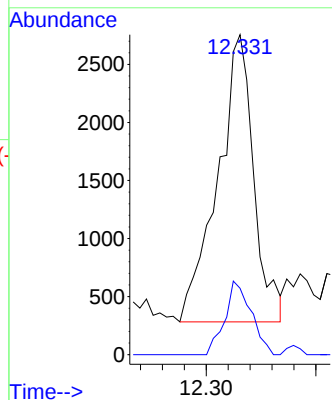
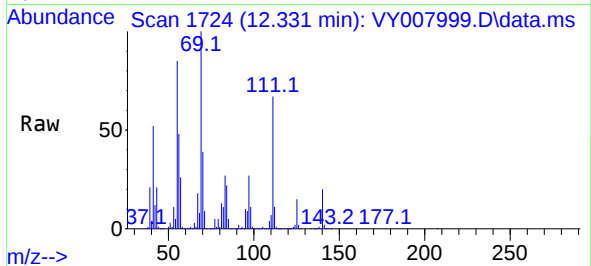




#73  
Isopropylbenzene  
Concen: 1.332 ug/l  
RT: 12.331 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

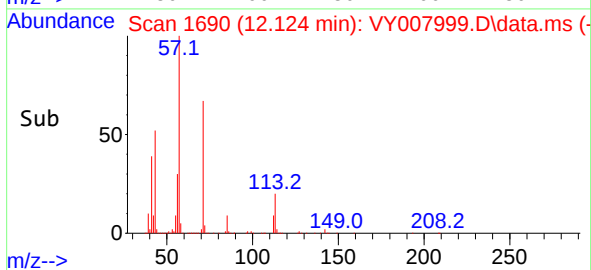
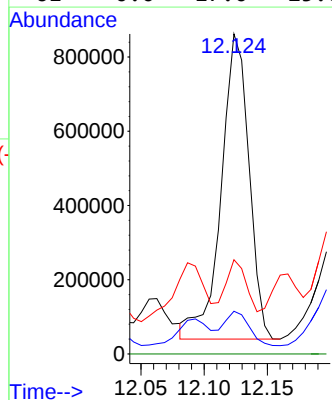
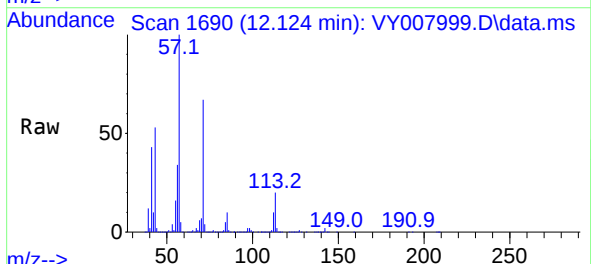
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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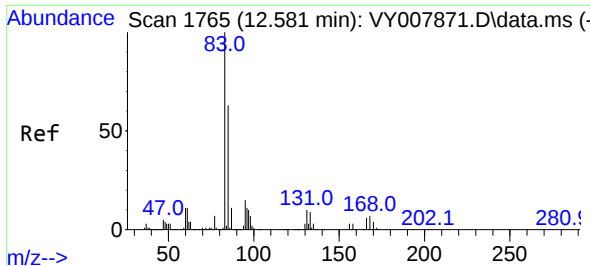
Tgt Ion:105 Resp: 5644  
Ion Ratio Lower Upper  
105 100  
120 18.7 13.4 40.2



#74  
N-ethyl acetate  
Concen: 1004.870 ug/l  
RT: 12.124 min Scan# 1690  
Delta R.T. -0.018 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 43 Resp: 1256418  
Ion Ratio Lower Upper  
43 100  
70 10.5 28.7 43.1#  
55 11.8 17.3 25.9#  
61 0.0 17.0 25.6#

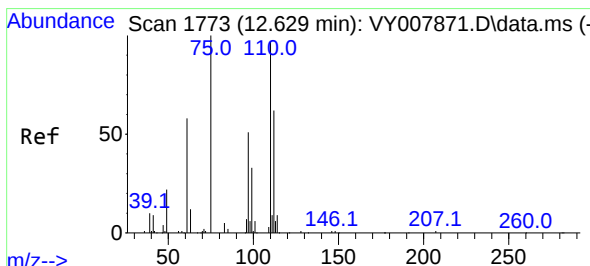
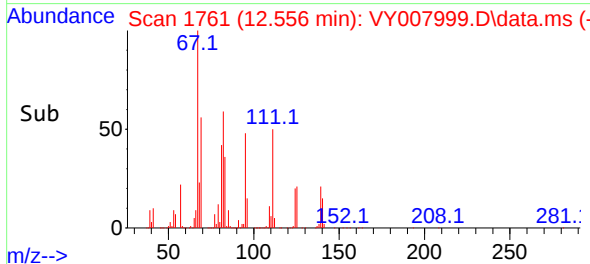
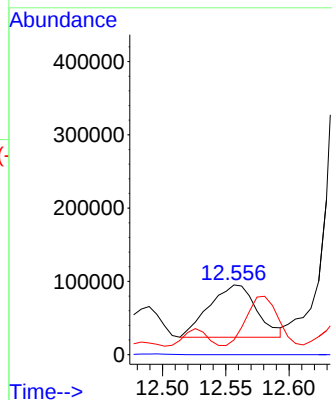
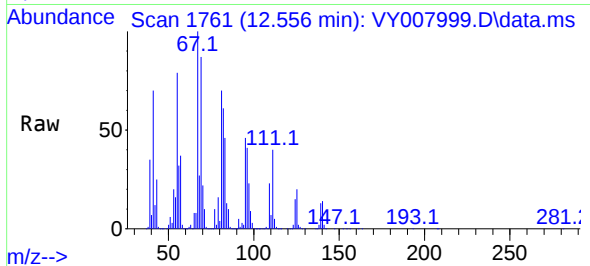




#75  
1,1,2,2-Tetrachloroethane  
Concen: 204.522 ug/l  
RT: 12.556 min Scan# 1761  
Delta R.T. -0.024 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

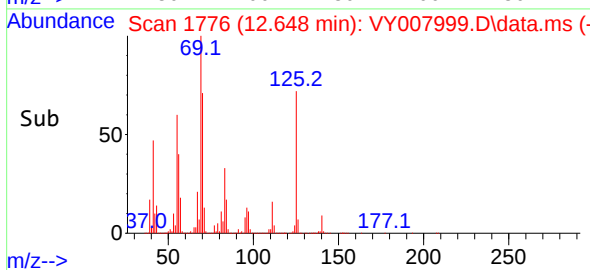
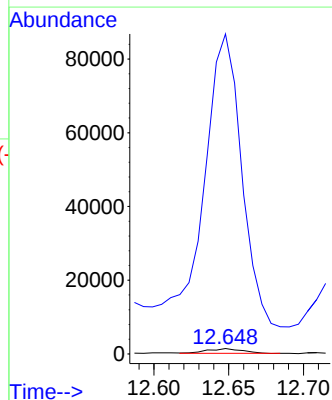
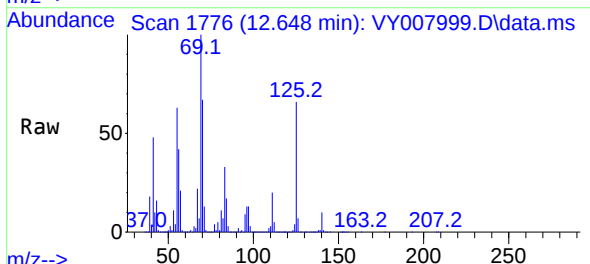
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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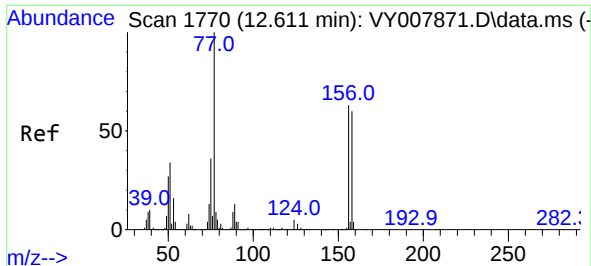
Tgt Ion: 83 Resp: 186576  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.6 16.8#  
85 0.0 32.3 96.8#



#76  
1,2,3-Trichloropropane  
Concen: 3.011 ug/l  
RT: 12.648 min Scan# 1776  
Delta R.T. 0.012 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 75 Resp: 2066  
Ion Ratio Lower Upper  
75 100  
77 6753.9 0.0 0.0#

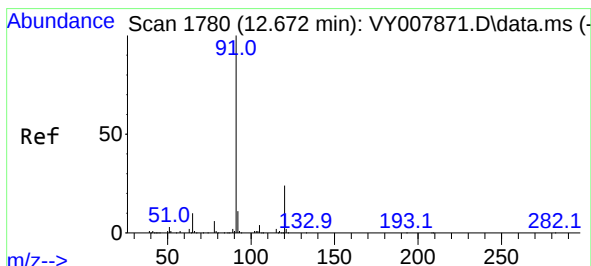
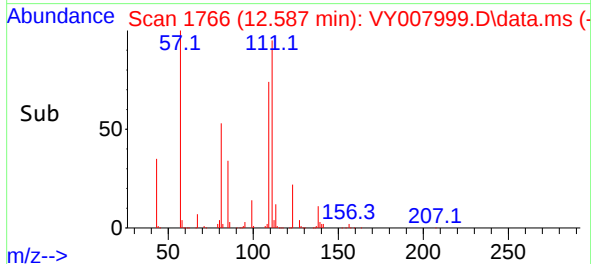
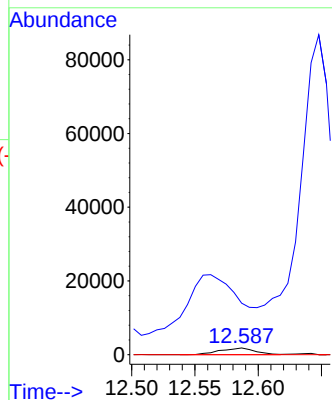
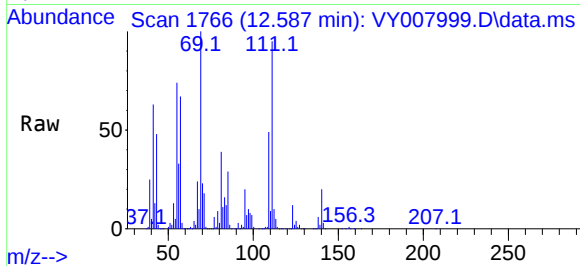




#77  
Bromobenzene  
Concen: 3.640 ug/l  
RT: 12.587 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

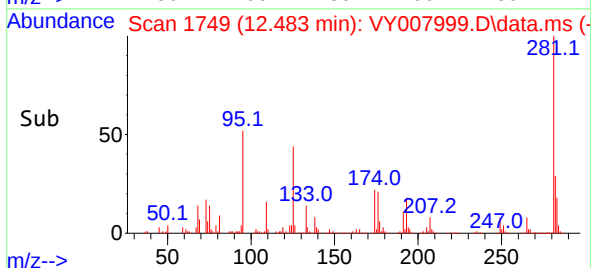
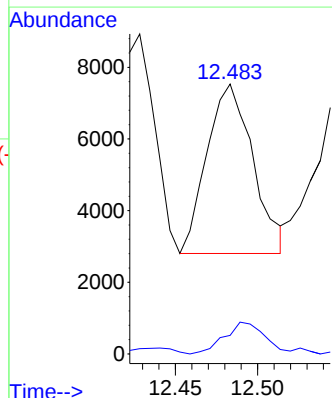
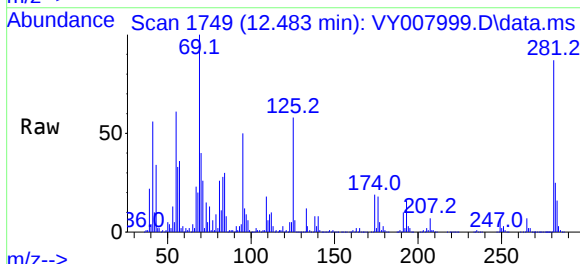
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

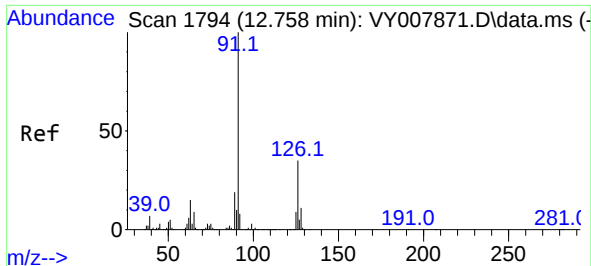
Tgt Ion:156 Resp: 3525  
Ion Ratio Lower Upper  
156 100  
77 0.0 95.5 286.4#  
158 0.0 48.0 144.0#



#78  
n-propylbenzene  
Concen: 1.795 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.189 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 91 Resp: 9186  
Ion Ratio Lower Upper  
91 100  
120 17.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 11.738 ug/l

RT: 12.739 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

Instrument :

MSVOA\_Y

ClientSampleId :

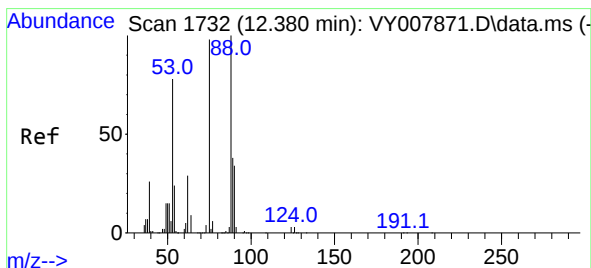
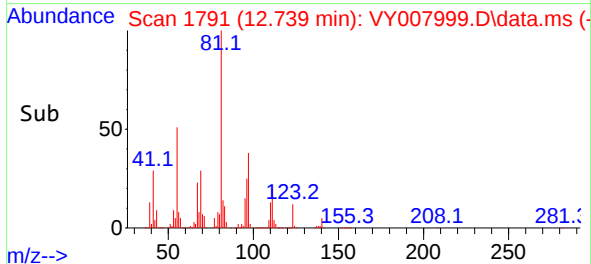
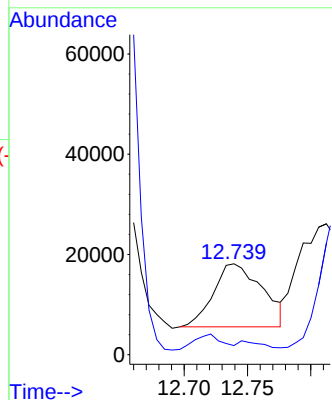
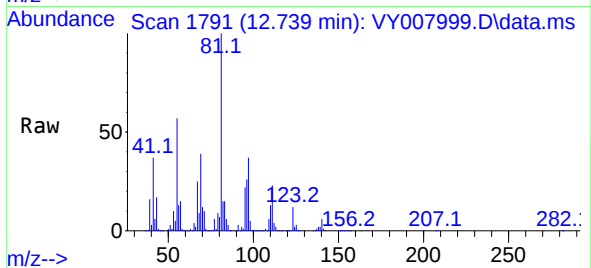
UST-7-SOUTH-SIDEWALLRE

Tgt Ion: 91 Resp: 33795

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.925 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

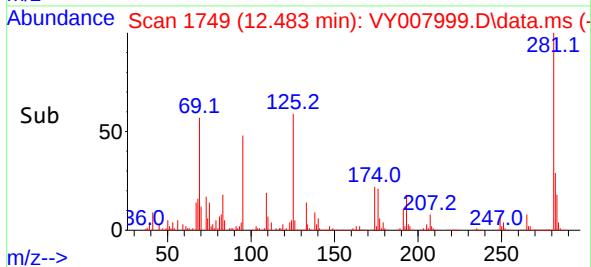
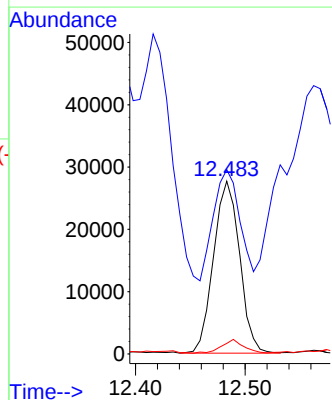
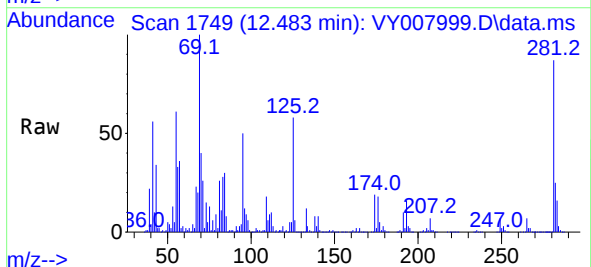
Tgt Ion: 75 Resp: 45717

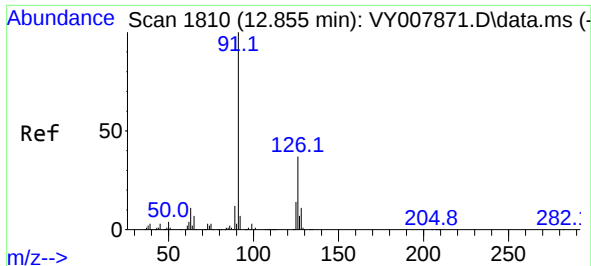
Ion Ratio Lower Upper

75 100

53 64.3 85.3 127.9#

89 6.6 37.0 55.4#

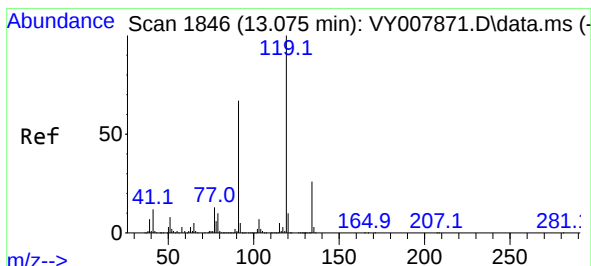
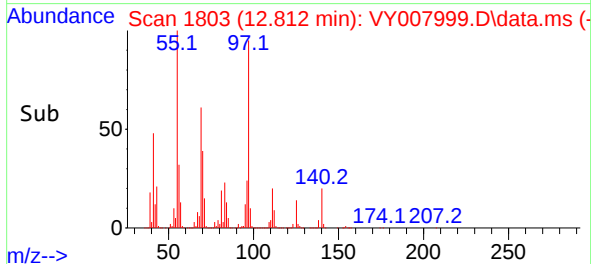
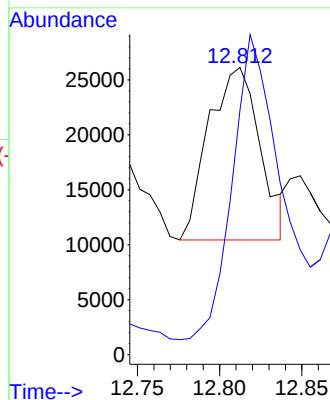
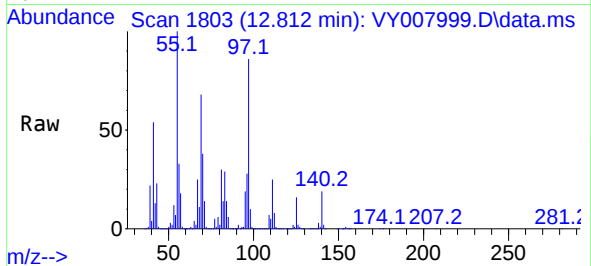




#82  
4-Chlorotoluene  
Concen: 11.374 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.043 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

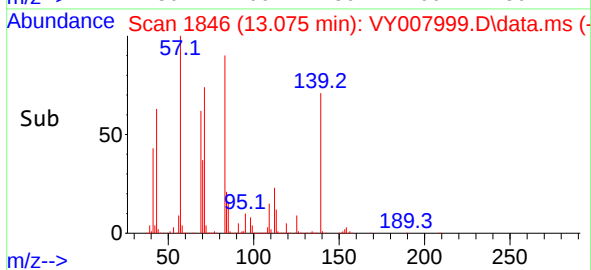
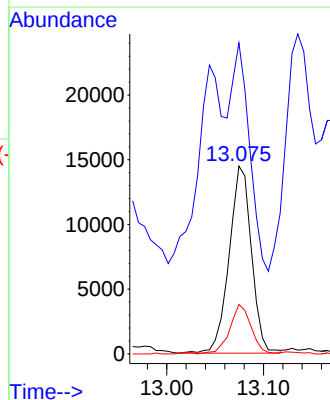
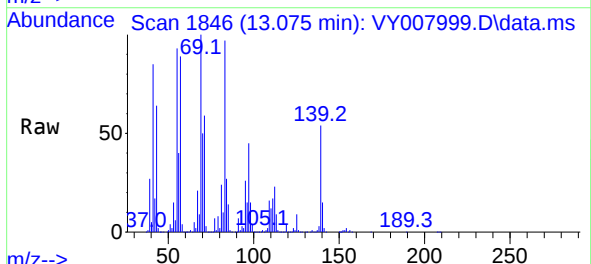
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MSVOA\_Y  
ClientSampleId :  
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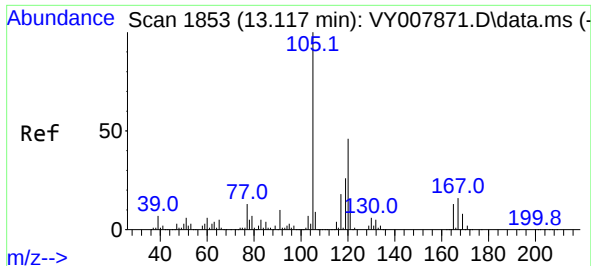
Tgt Ion: 91 Resp: 34020  
Ion Ratio Lower Upper  
91 100  
126 166.4 17.0 51.0#



#83  
tert-Butylbenzene  
Concen: 7.430 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 119 Resp: 23171  
Ion Ratio Lower Upper  
119 100  
91 95.3 34.8 104.4  
134 25.3 13.3 39.9

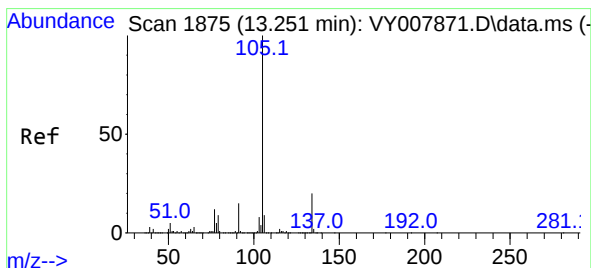
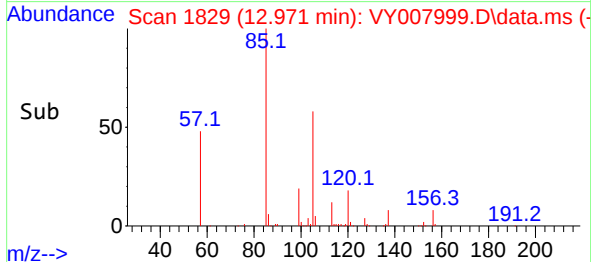
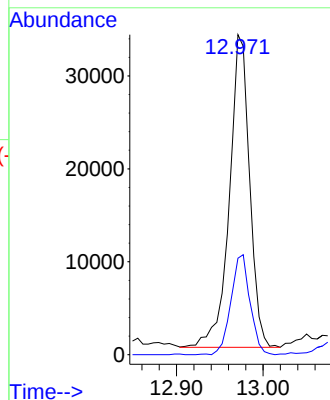
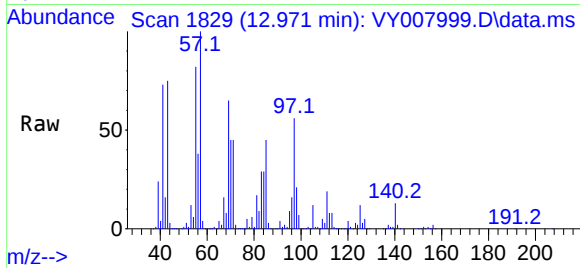




#84  
1,2,4-Trimethylbenzene  
Concen: 15.967 ug/l  
RT: 12.971 min Scan# 1829  
Delta R.T. -0.152 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

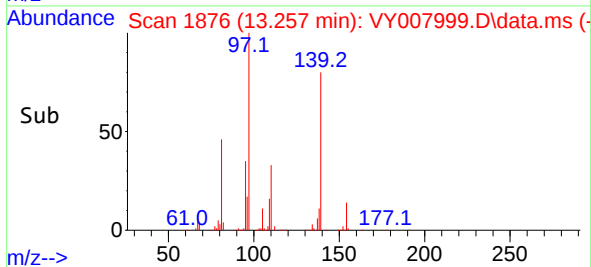
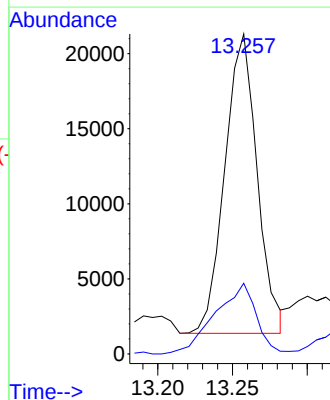
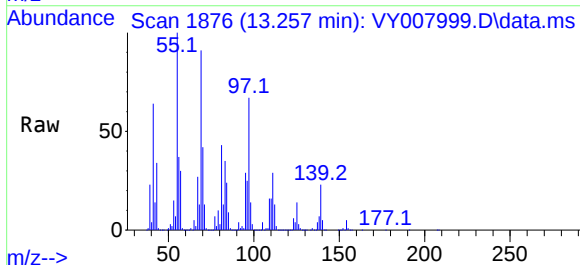
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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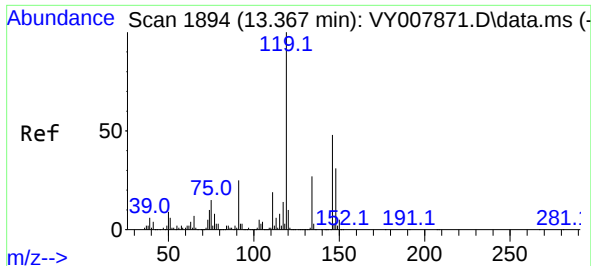
Tgt Ion:105 Resp: 54551  
Ion Ratio Lower Upper  
105 100  
120 30.2 22.3 66.9



#85  
sec-Butylbenzene  
Concen: 6.408 ug/l  
RT: 13.257 min Scan# 1876  
Delta R.T. 0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion:105 Resp: 29953  
Ion Ratio Lower Upper  
105 100  
134 30.2 10.2 30.4

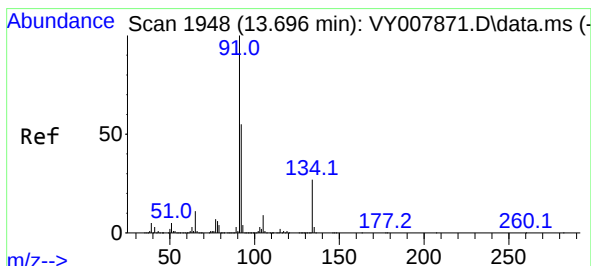
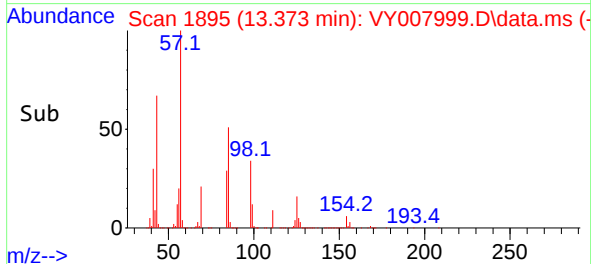
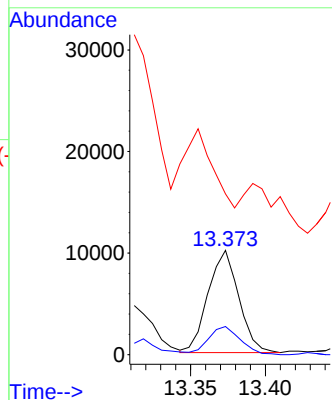
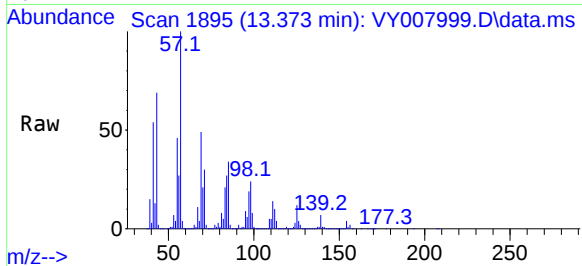




#86  
p-Isopropyltoluene  
Concen: 3.790 ug/l  
RT: 13.373 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

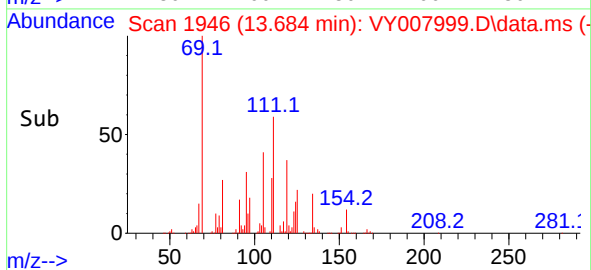
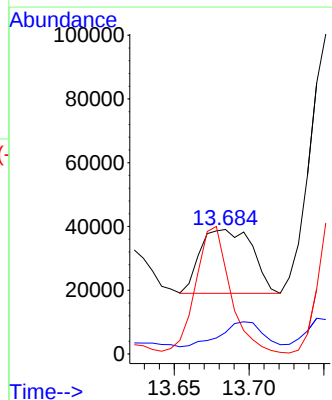
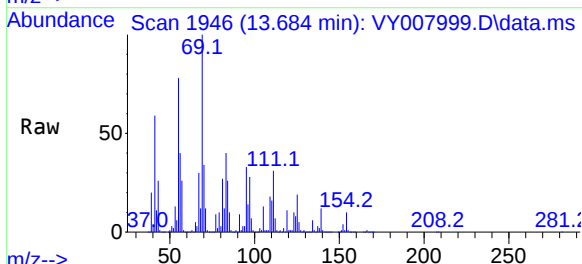
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ClientSampleId :  
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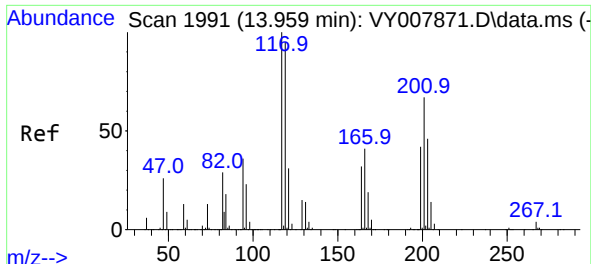
Tgt Ion:119 Resp: 14381  
Ion Ratio Lower Upper  
119 100  
134 28.3 13.2 39.5  
91 82.3 12.4 37.2#



#89  
n-Butylbenzene  
Concen: 13.358 ug/l  
RT: 13.684 min Scan# 1946  
Delta R.T. -0.012 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion: 91 Resp: 48642  
Ion Ratio Lower Upper  
91 100  
92 30.6 26.3 78.9  
134 133.4 13.0 38.9#

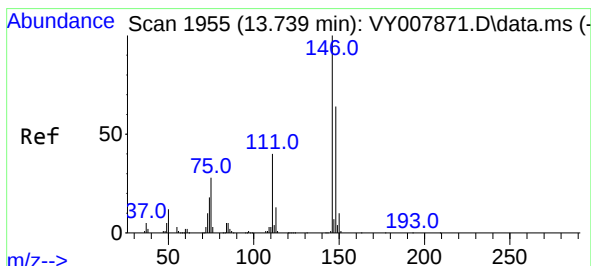
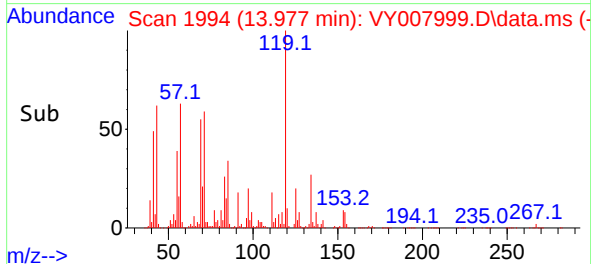
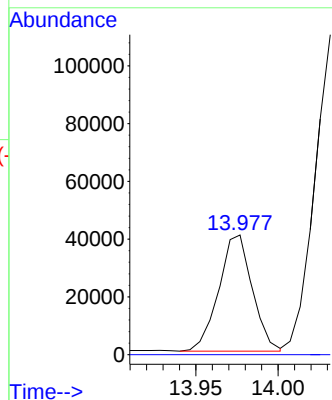
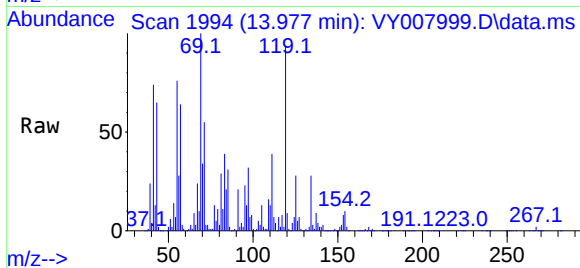




#90  
Hexachloroethane  
Concen: 75.229 ug/l  
RT: 13.977 min Scan# 1994  
Delta R.T. 0.012 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

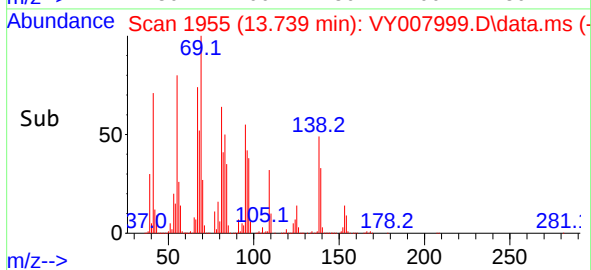
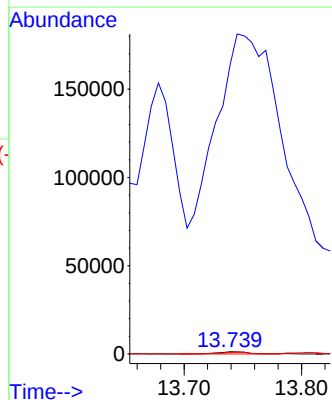
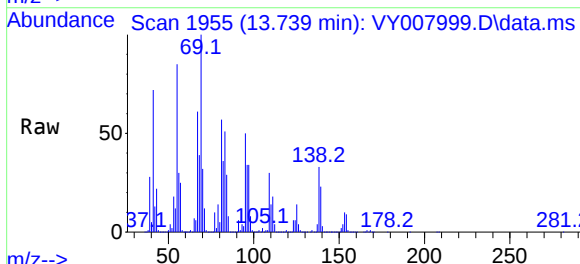
Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

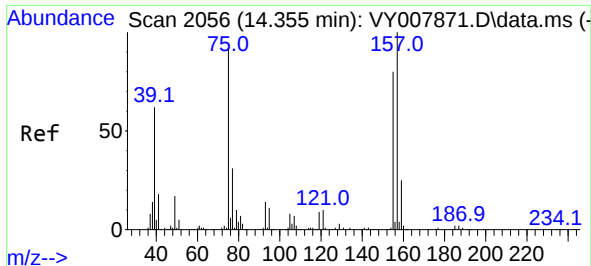
Tgt Ion:117 Resp: 56976  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.0 128.8#



#91  
1,2-Dichlorobenzene  
Concen: 1.301 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion:146 Resp: 2214  
Ion Ratio Lower Upper  
146 100  
111 23681.4 20.3 60.9#  
148 75.8 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 16.541 ug/l

RT: 14.385 min Scan# 2056

Delta R.T. 0.030 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

Instrument :

MSVOA\_Y

ClientSampleId :

UST-7-SOUTH-SIDEWALLRE

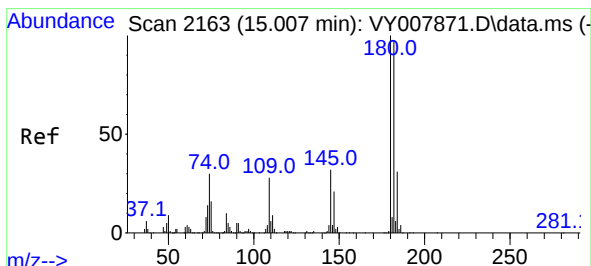
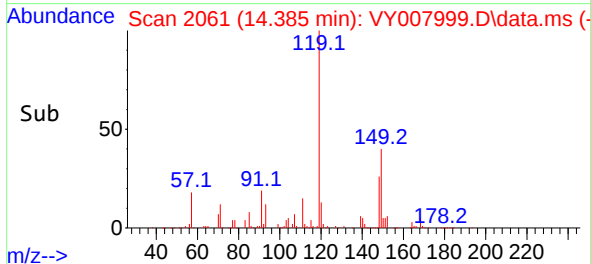
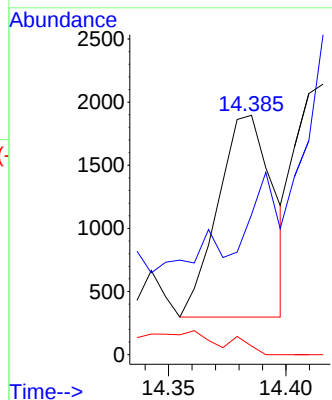
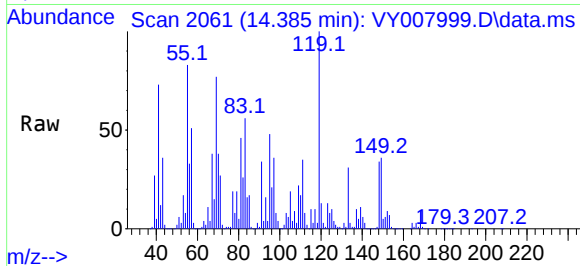
Tgt Ion: 75 Resp: 2596

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: 7.560 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

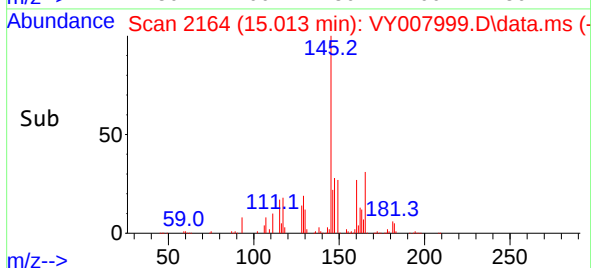
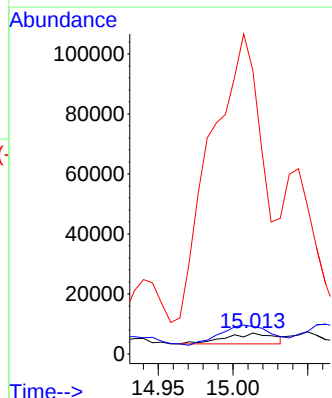
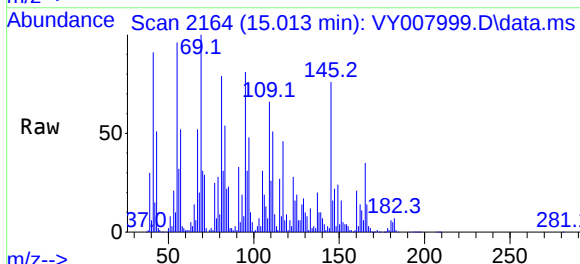
Tgt Ion: 180 Resp: 8131

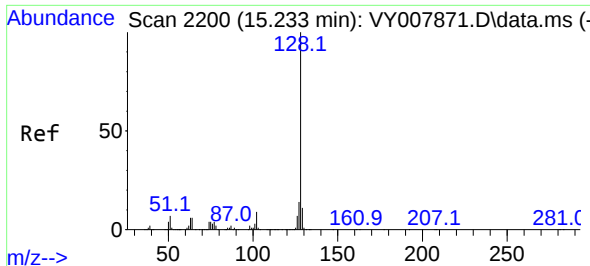
Ion Ratio Lower Upper

180 100

182 202.5 47.3 141.9#

145 3196.3 14.6 43.8#

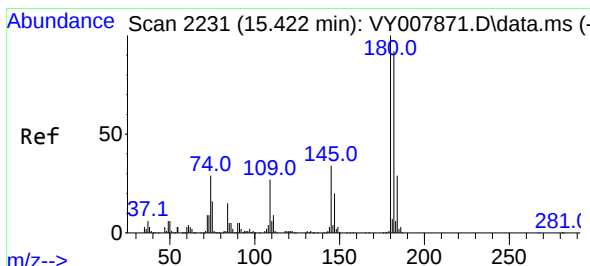
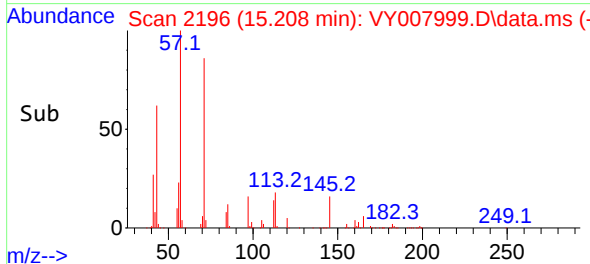
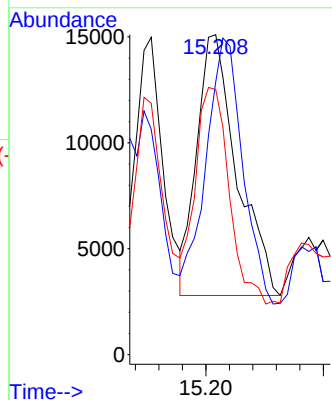
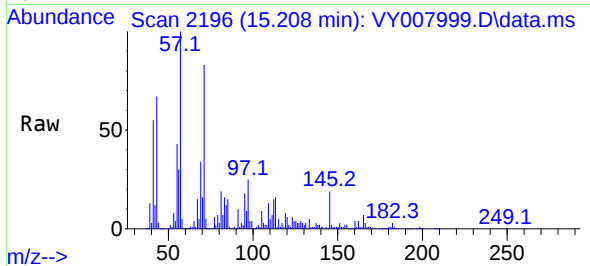




#95  
Naphthalene  
Concen: 12.157 ug/l  
RT: 15.208 min Scan# 2196  
Delta R.T. -0.031 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Instrument :  
MSVOA\_Y  
ClientSampleId :  
UST-7-SOUTH-SIDEWALLRE

Tgt Ion:128 Resp: 29171  
Ion Ratio Lower Upper  
128 100  
127 93.7 11.0 16.4#  
129 70.3 8.4 12.6#



#96  
1,2,3-Trichlorobenzene  
Concen: 12.725 ug/l  
RT: 15.452 min Scan# 2236  
Delta R.T. 0.024 min  
Lab File: VY007999.D  
Acq: 22 Mar 2022 14:45

Tgt Ion:180 Resp: 12070  
Ion Ratio Lower Upper  
180 100  
182 58.4 47.3 141.9  
145 0.0 15.3 45.9#

