

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090222\  
 Data File : VY010280.D  
 Acq On : 02 Sep 2022 15:44  
 Operator : KP/MD  
 Sample : N4450-01  
 Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-083022

Quant Time: Sep 02 16:50:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 13081    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 22419    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 20307    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 8293     | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 8367     | 62.379   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 124.760% |      |
| 35) Dibromofluoromethane    | 7.703  | 113   | 3902     | 26.144   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 52.280%# |      |
| 50) Toluene-d8              | 10.179 | 98    | 26234    | 52.501   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 105.000% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 9284     | 45.872   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 91.740%  |      |

|                               |        |     |      |         |        |        |
|-------------------------------|--------|-----|------|---------|--------|--------|
| Target Compounds              |        |     |      |         |        | Qvalue |
| 3) Chloromethane              | 2.113  | 50  | 1786 | 12.526  | ug/l # | 88     |
| 5) Bromomethane               | 2.656  | 94  | 1550 | 14.208  | ug/l   | 91     |
| 10) Methyl Iodide             | 4.100  | 142 | 3948 | 24.402  | ug/l   | 88     |
| 11) Tert butyl alcohol        | 4.936  | 59  | 42   | 2.617   | ug/l # | 77     |
| 12) 1,1-Dichloroethene        | 3.869  | 96  | 398  | 3.056   | ug/l # | 1      |
| 13) Acrolein                  | 3.710  | 56  | 129  | 7.594   | ug/l # | 14     |
| 15) Acrylonitrile             | 5.167  | 53  | 192  | 4.736   | ug/l # | 48     |
| 16) Acetone                   | 3.948  | 43  | 279  | 8.321   | ug/l # | 6      |
| 20) Methylene Chloride        | 4.704  | 84  | 1652 | 10.209  | ug/l # | 74     |
| 26) 2,2-Dichloropropane       | 6.947  | 77  | 399  | 1.633   | ug/l # | 55     |
| 27) cis-1,2-Dichloroethene    | 6.972  | 96  | 395  | 2.342   | ug/l # | 72     |
| 29) Tetrahydrofuran           | 7.325  | 42  | 192  | 5.446   | ug/l # | 38     |
| 31) Cyclohexane               | 7.777  | 56  | 646  | 2.469   | ug/l # | 35     |
| 36) 1,1-Dichloropropene       | 7.917  | 75  | 263  | 1.201   | ug/l # | 42     |
| 38) Carbon Tetrachloride      | 7.783  | 117 | 1492 | 6.611   | ug/l # | 26     |
| 40) Benzene                   | 8.149  | 78  | 921  | 1.469   | ug/l # | 62     |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43  | 184  | 1.490   | ug/l   | 90     |
| 59) 2-Hexanone                | 10.837 | 43  | 230  | 2.686   | ug/l   | 70     |
| 60) Dibromochloromethane      | 10.721 | 129 | 219  | 1.459   | ug/l # | 11     |
| 64) Tetrachloroethene         | 10.715 | 164 | 328  | 1.981   | ug/l # | 63     |
| 65) Chlorobenzene             | 11.520 | 112 | 526  | 1.216   | ug/l # | 83     |
| 68) m/p-Xylenes               | 11.703 | 106 | 504  | 1.665   | ug/l # | 49     |
| 69) o-Xylene                  | 12.032 | 106 | 325  | 1.106   | ug/l   | 86     |
| 70) Styrene                   | 12.038 | 104 | 681  | 1.391   | ug/l # | 84     |
| 73) Isopropylbenzene          | 12.331 | 105 | 784  | 1.185   | ug/l   | 95     |
| 76) 1,2,3-Trichloropropane    | 12.648 | 75  | 185  | 1.875   | ug/l # | 100    |
| 77) Bromobenzene              | 12.617 | 156 | 319  | 2.119   | ug/l   | 95     |
| 78) n-propylbenzene           | 12.666 | 91  | 1157 | 1.457   | ug/l   | 89     |
| 79) 2-Chlorotoluene           | 12.757 | 91  | 702  | 1.564   | ug/l   | 85     |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105 | 791  | 1.427   | ug/l   | 85     |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75  | 4987 | 105.415 | ug/l # | 8      |
| 82) 4-Chlorotoluene           | 12.855 | 91  | 1002 | 2.168   | ug/l   | 97     |
| 83) tert-Butylbenzene         | 13.074 | 119 | 706  | 1.466   | ug/l # | 29     |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105 | 865  | 1.589   | ug/l   | 88     |
| 85) sec-Butylbenzene          | 13.251 | 105 | 1152 | 1.617   | ug/l   | 96     |
| 86) p-Isopropyltoluene        | 13.373 | 119 | 1076 | 1.829   | ug/l   | 87     |

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 ALS Vial : 15 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
 EO-03-083022

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

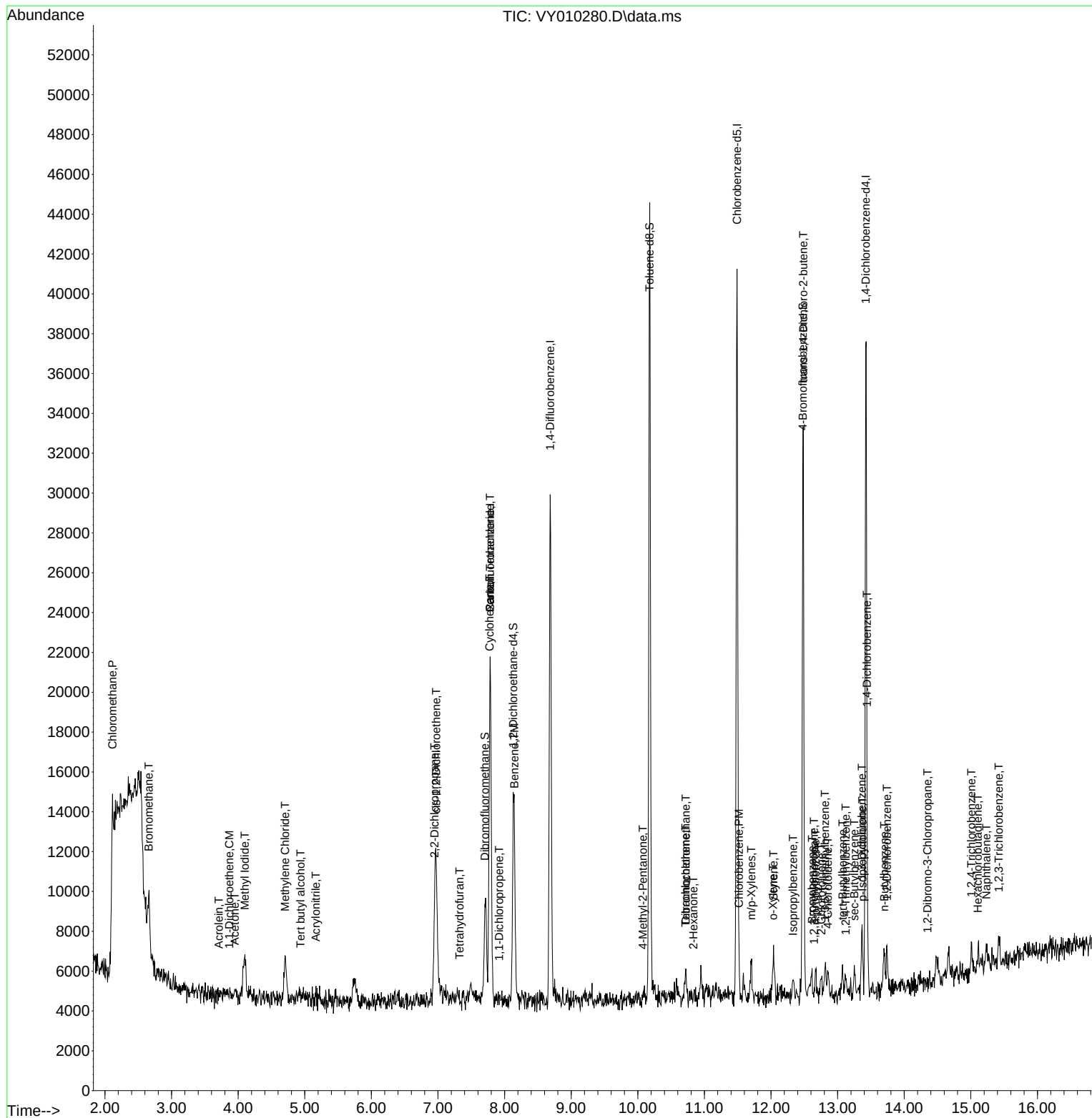
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 844      | 2.888 | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 1074     | 3.696 | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.702 | 91   | 1012     | 1.820 | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 759      | 2.914 | ug/l   | 87       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 26       | 1.160 | ug/l # | 6        |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 462      | 2.866 | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 15.105 | 225  | 229      | 2.423 | ug/l   | 78       |
| 95) Naphthalene               | 15.233 | 128  | 1144     | 3.420 | ug/l # | 90       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 407      | 2.981 | ug/l   | 85       |
| -----                         |        |      |          |       |        |          |

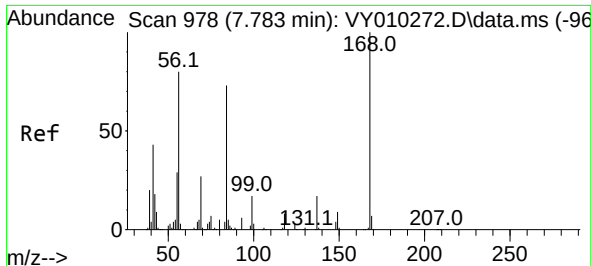
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QLast Update : Fri Sep 02 16:41:46 2022  
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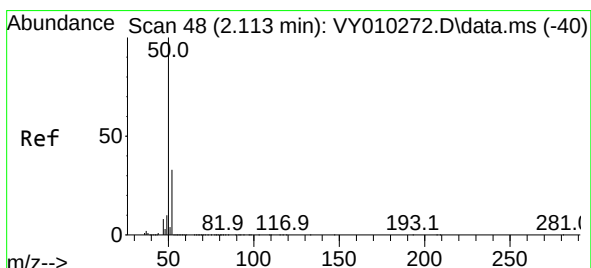
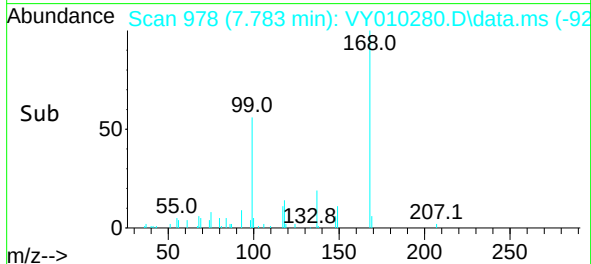
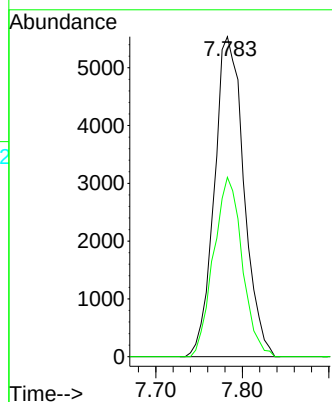
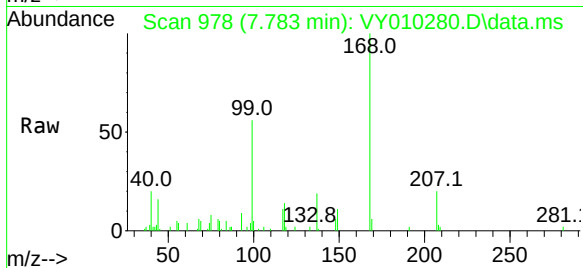




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

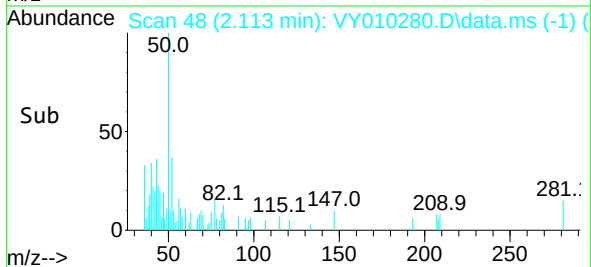
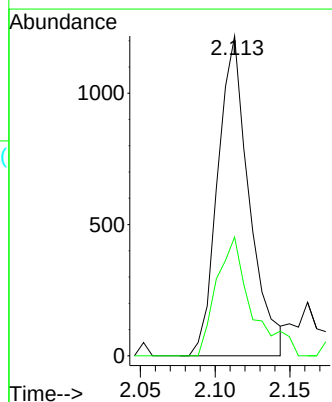
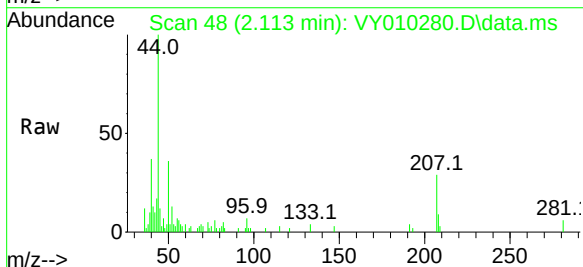
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

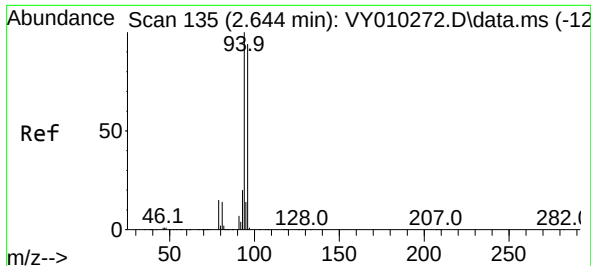
Tgt Ion:168 Resp: 13081  
Ion Ratio Lower Upper  
168 100  
99 56.0 46.9 70.3



#3  
Chloromethane  
Concen: 12.526 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 50 Resp: 1786  
Ion Ratio Lower Upper  
50 100  
52 37.1 24.6 37.0#

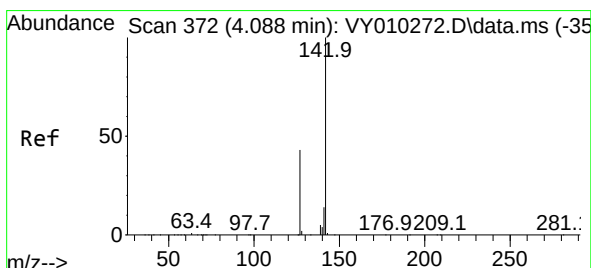
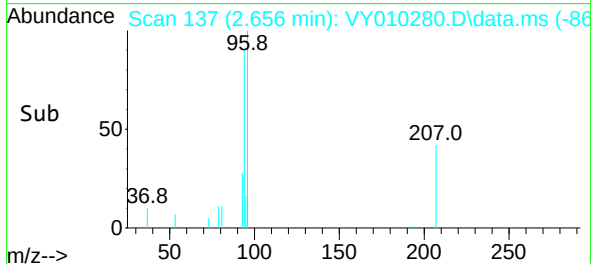
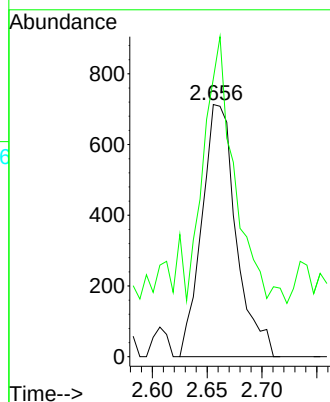
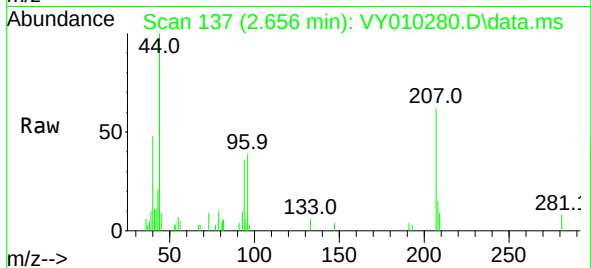




#5  
Bromomethane  
Concen: 14.208 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

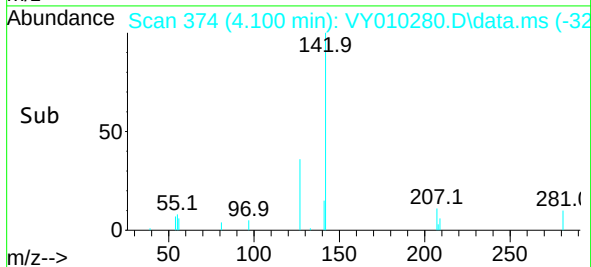
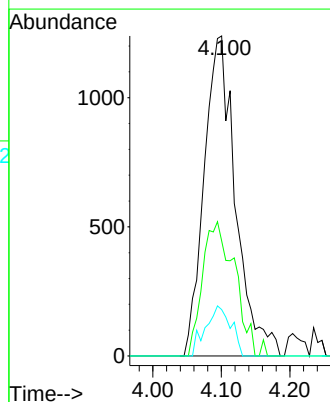
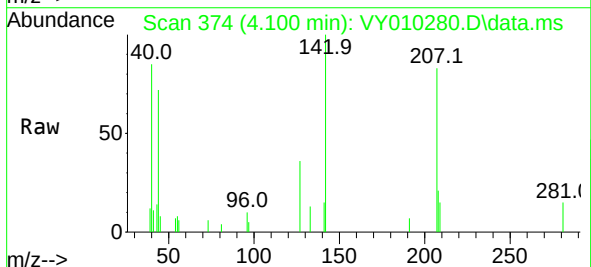
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

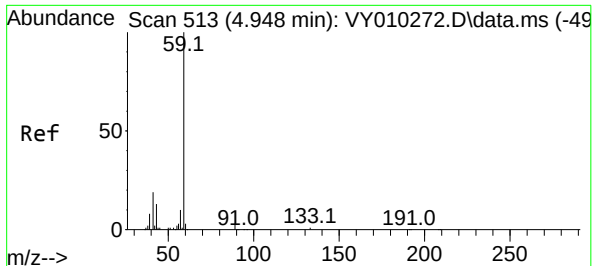
Tgt Ion: 94 Resp: 1550  
Ion Ratio Lower Upper  
94 100  
96 83.0 73.5 110.3



#10  
Methyl Iodide  
Concen: 24.402 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. 0.012 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 142 Resp: 3948  
Ion Ratio Lower Upper  
142 100  
127 42.6 41.5 62.3  
141 12.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 2.617 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA\_Y

ClientSampleId :

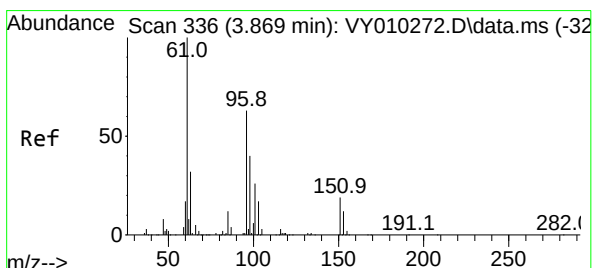
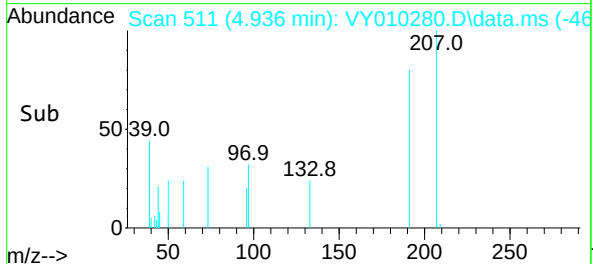
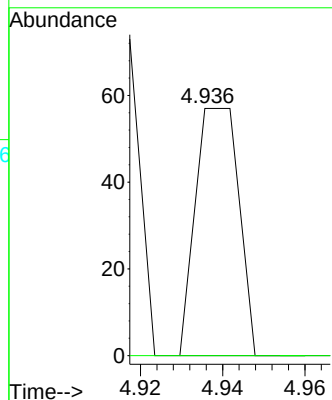
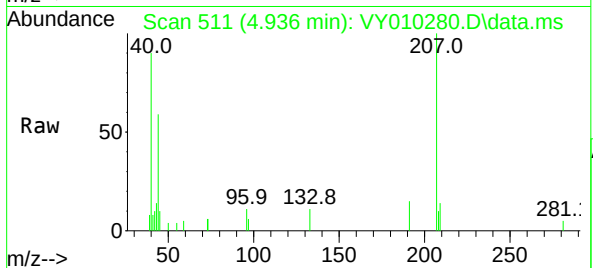
EO-03-083022

Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 3.056 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

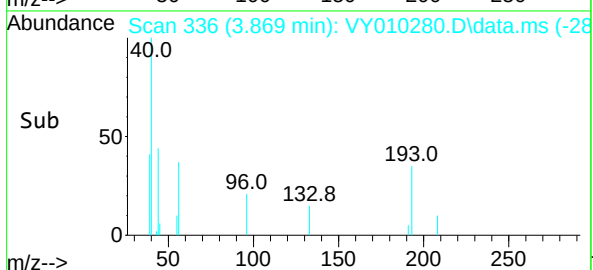
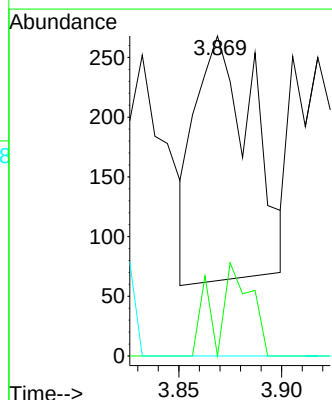
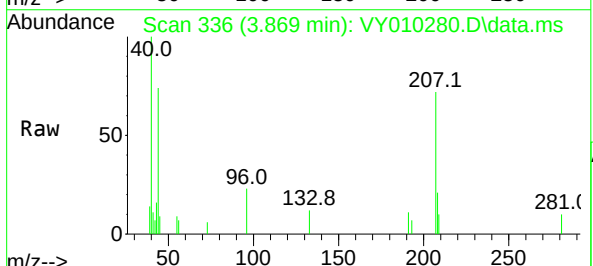
Tgt Ion: 96 Resp: 398

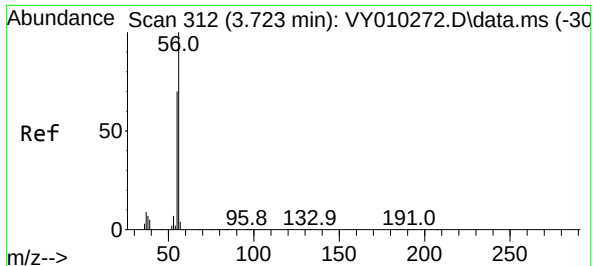
Ion Ratio Lower Upper

96 100

61 0.0 145.8 218.6#

98 0.0 52.5 78.7#

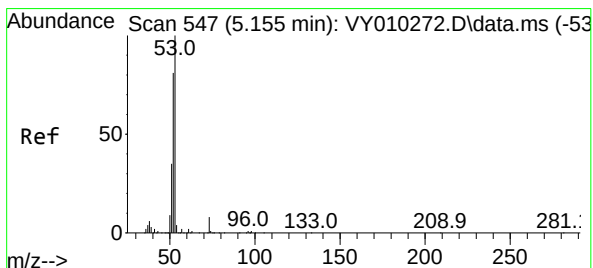
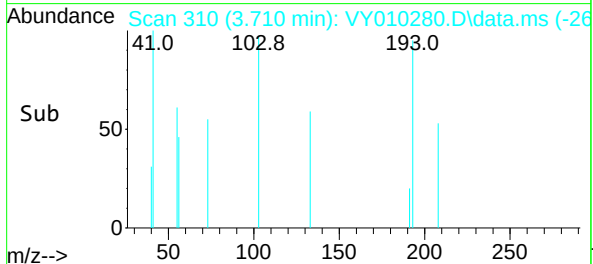
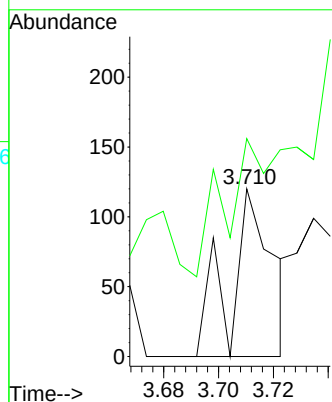
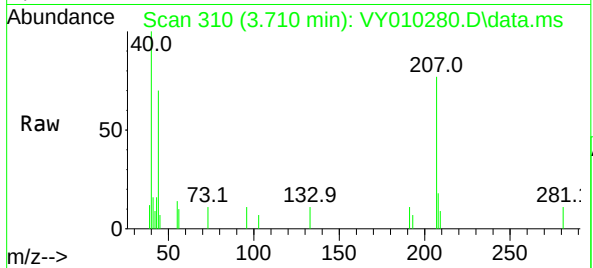




#13  
Acrolein  
Concen: 7.594 ug/l  
RT: 3.710 min Scan# 312  
Delta R.T. -0.013 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

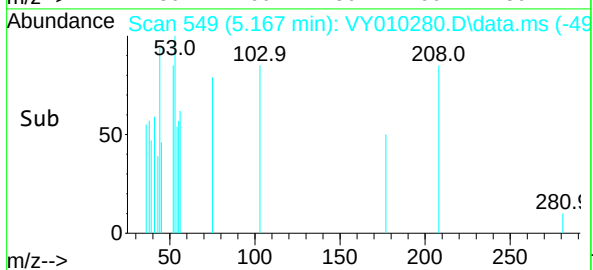
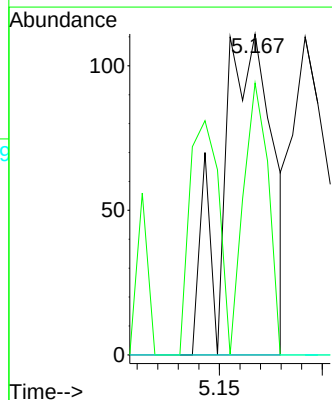
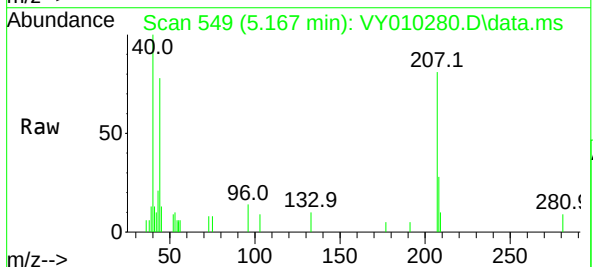
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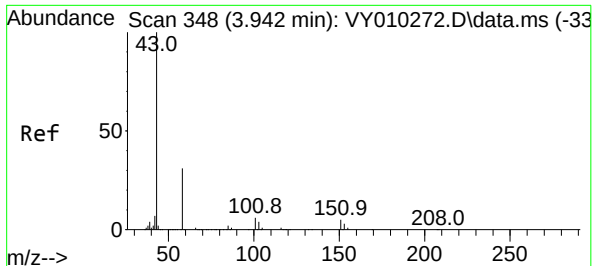
Tgt Ion: 56 Resp: 129  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.6 86.4#



#15  
Acrylonitrile  
Concen: 4.736 ug/l  
RT: 5.167 min Scan# 549  
Delta R.T. 0.012 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 53 Resp: 192  
Ion Ratio Lower Upper  
53 100  
52 41.1 67.0 100.4#  
51 0.0 29.8 44.6#

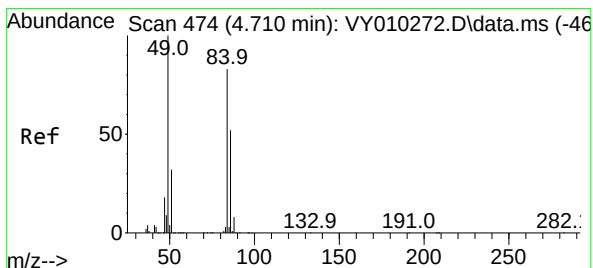
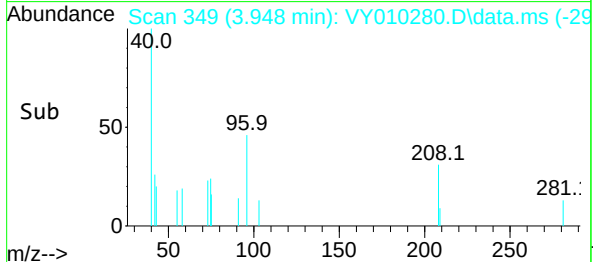
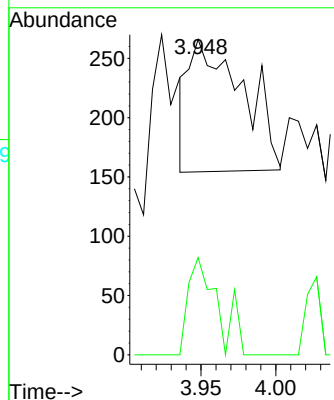
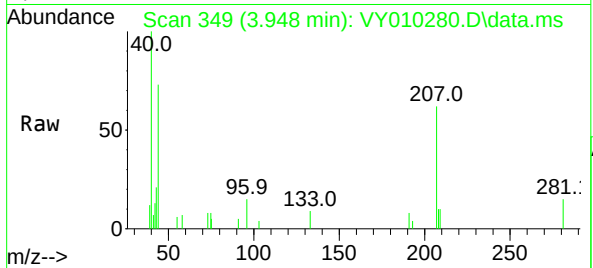




#16  
Acetone  
Concen: 8.321 ug/l  
RT: 3.948 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

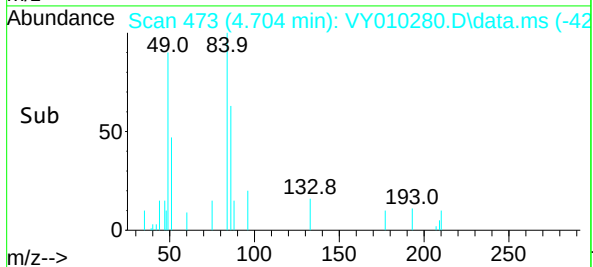
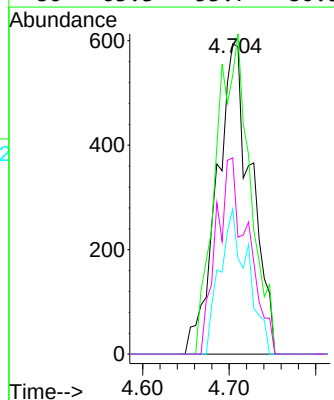
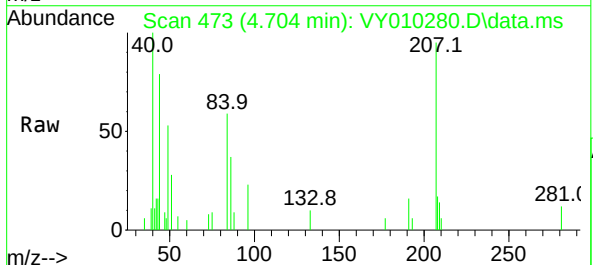
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Tgt Ion: 43 Resp: 279  
Ion Ratio Lower Upper  
43 100  
58 76.6 22.0 33.0#

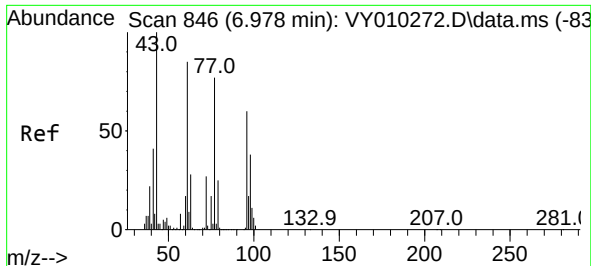


#20  
Methylene Chloride  
Concen: 10.209 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 84 Resp: 1652  
Ion Ratio Lower Upper  
84 100  
49 89.7 114.4 171.6#  
51 46.8 35.3 52.9  
86 63.3 53.7 80.5







#26

2,2-Dichloropropane

Concen: 1.633 ug/l

RT: 6.947 min Scan# 84

Delta R.T. -0.030 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA\_Y

ClientSampleId :

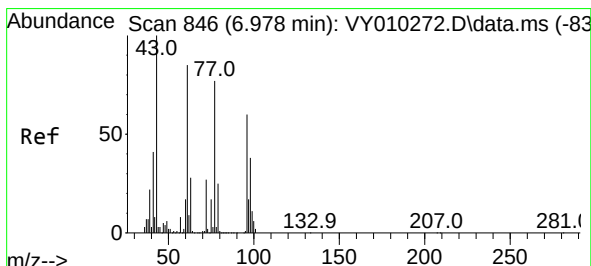
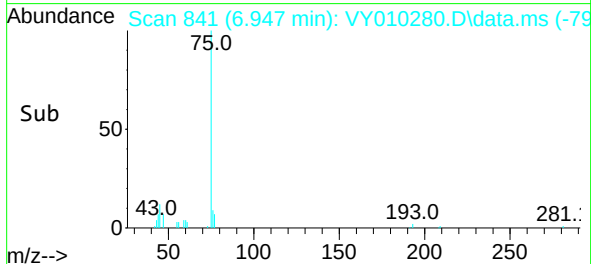
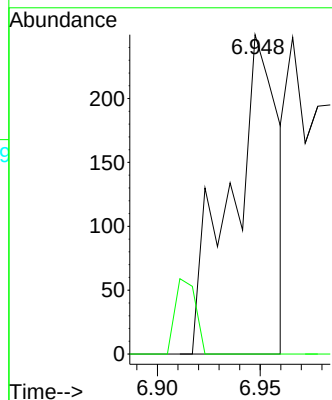
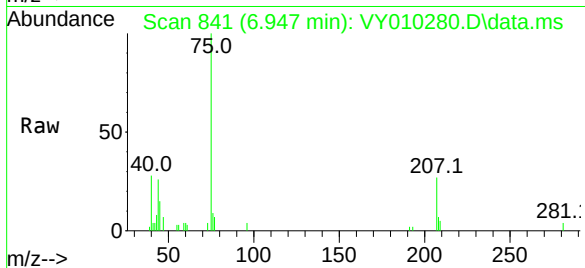
EO-03-083022

Tgt Ion: 77 Resp: 399

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#27

cis-1,2-Dichloroethene

Concen: 2.342 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

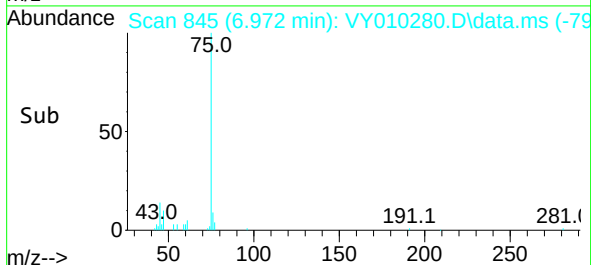
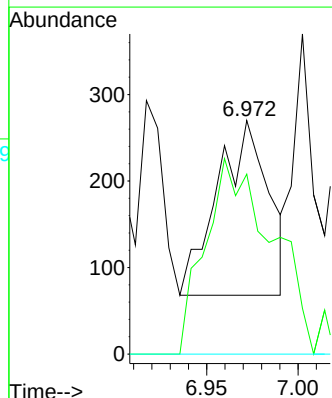
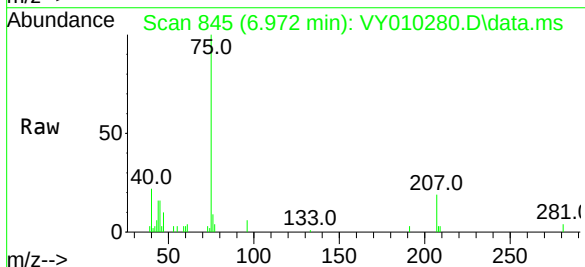
Tgt Ion: 96 Resp: 395

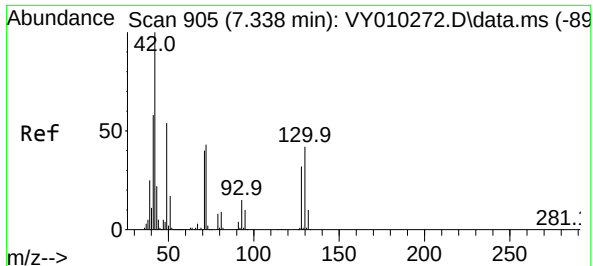
Ion Ratio Lower Upper

96 100

61 150.1 0.0 319.8

98 0.0 0.0 127.0





#29

Tetrahydrofuran

Concen: 5.446 ug/l

RT: 7.325 min Scan# 905

Delta R.T. -0.013 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

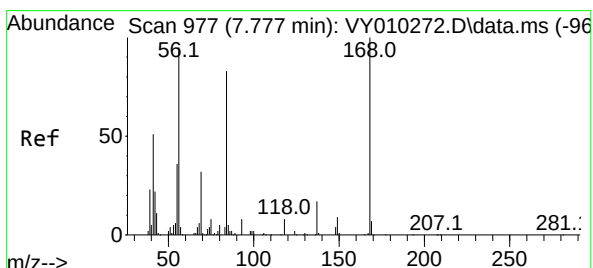
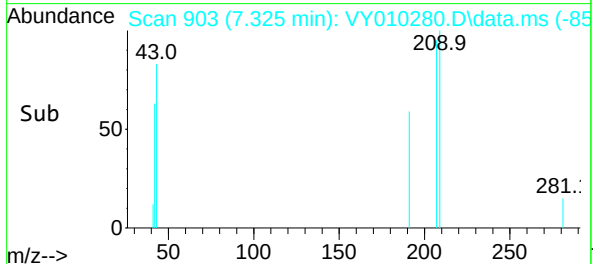
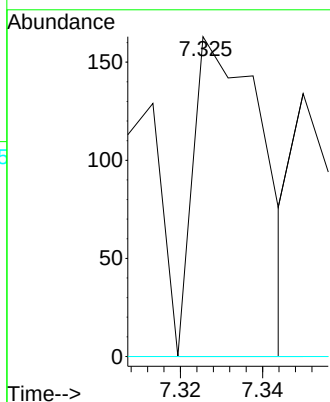
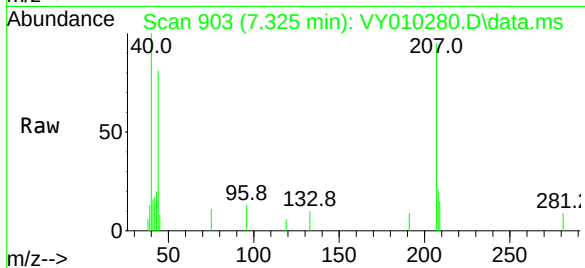
Instrument :

MSVOA\_Y

ClientSampleId :

EO-03-083022

|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 192   |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 72 0.0      | 30.3 45.5#  |
| 71 0.0      | 29.0 43.4#  |



#31

Cyclohexane

Concen: 2.469 ug/l

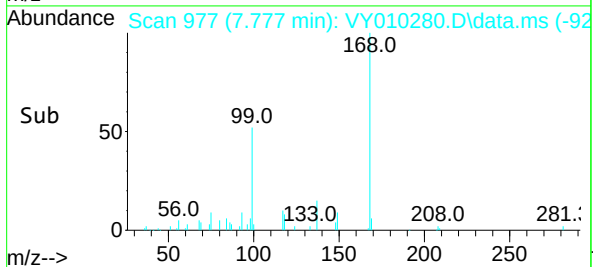
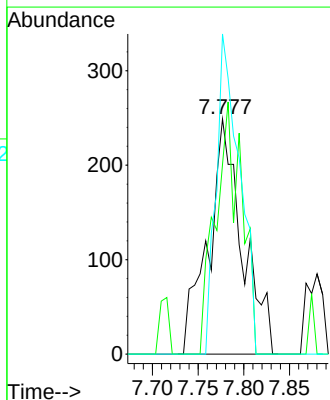
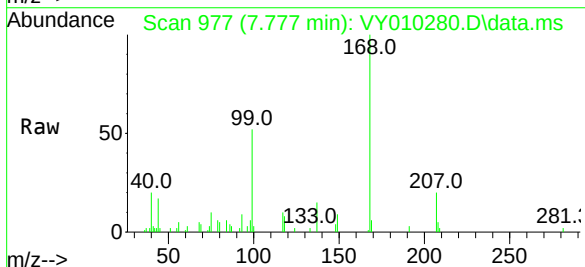
RT: 7.777 min Scan# 977

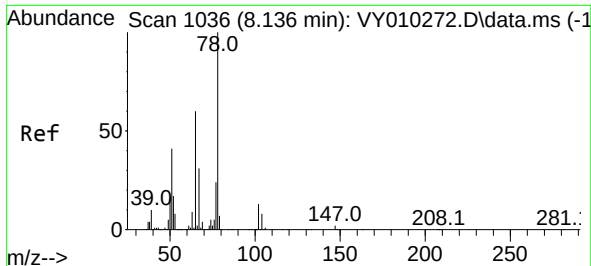
Delta R.T. -0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

|             |             |
|-------------|-------------|
| Tgt Ion: 56 | Resp: 646   |
| Ion Ratio   | Lower Upper |
| 56 100      |             |
| 69 80.7     | 26.7 40.1#  |
| 84 136.1    | 67.2 100.8# |





#33

1,2-Dichloroethane-d4

Concen: 62.379 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA\_Y

ClientSampleId :

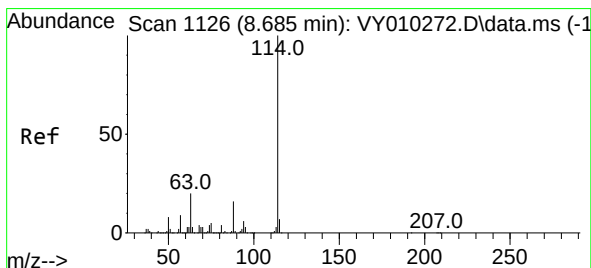
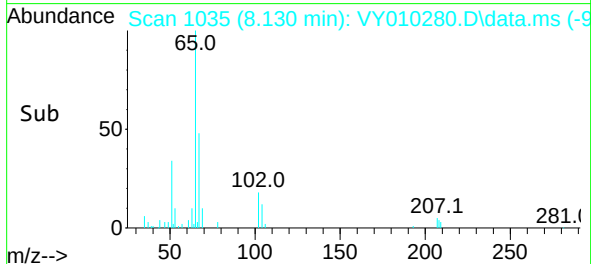
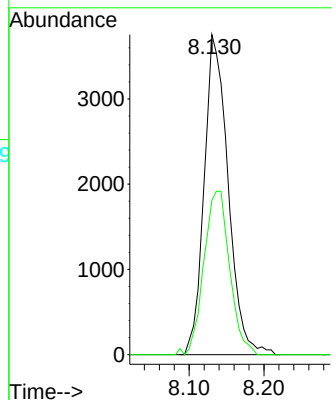
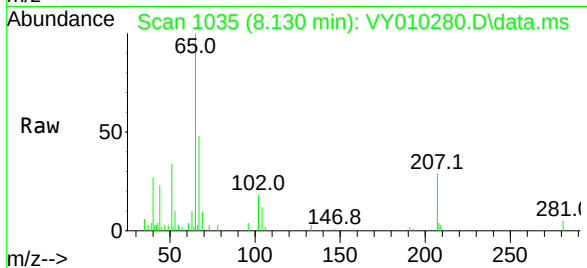
EO-03-083022

Tgt Ion: 65 Resp: 8367

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

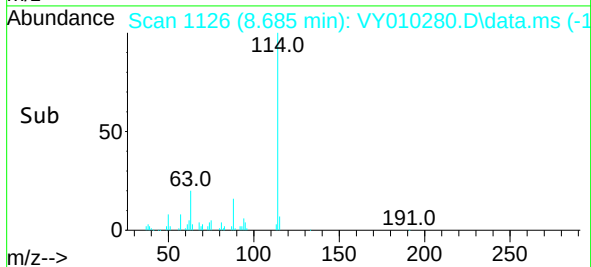
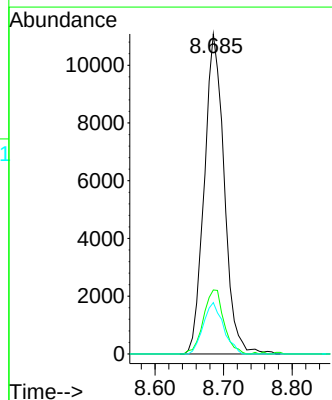
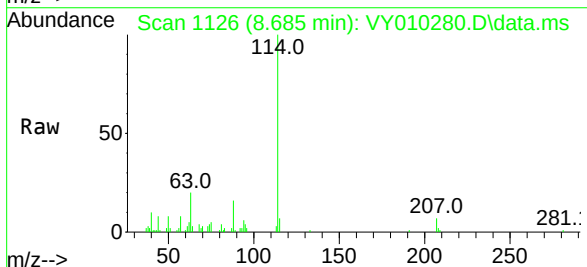
Tgt Ion: 114 Resp: 22419

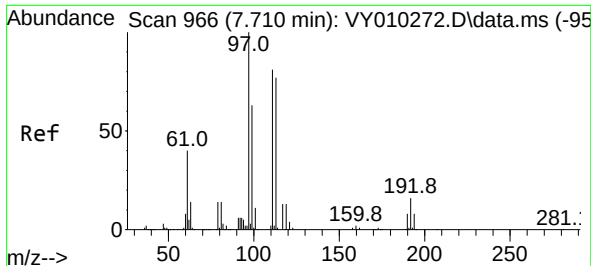
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 16.1 0.0 31.8

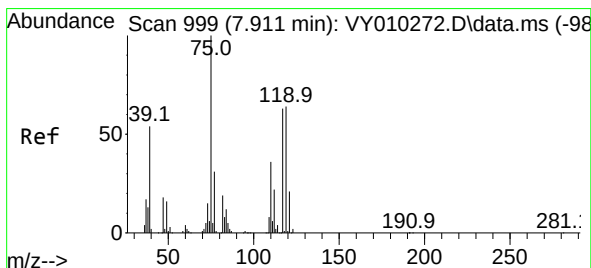
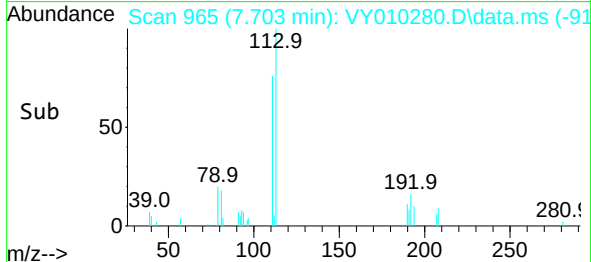
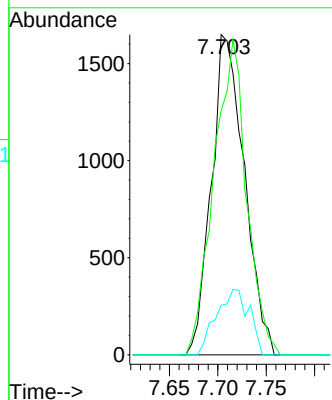
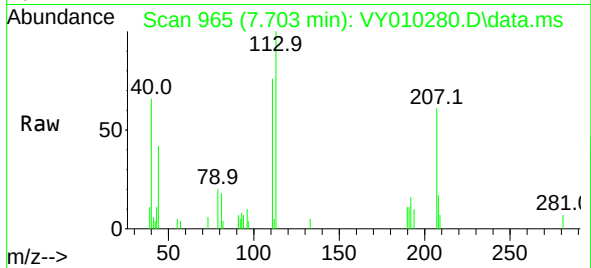




#35  
Dibromofluoromethane  
Concen: 26.144 ug/l  
RT: 7.703 min Scan# 91  
Delta R.T. -0.007 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

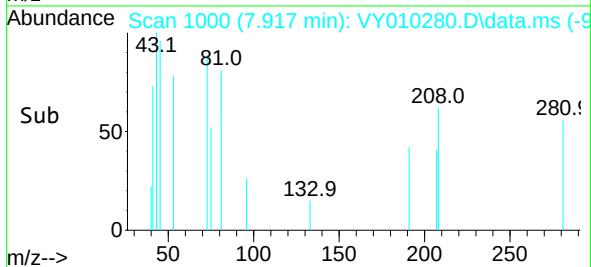
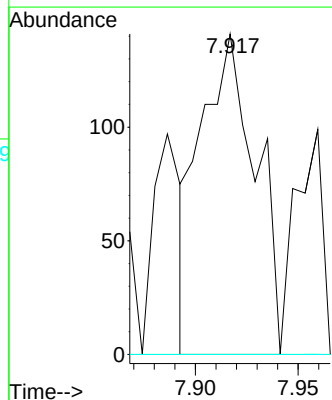
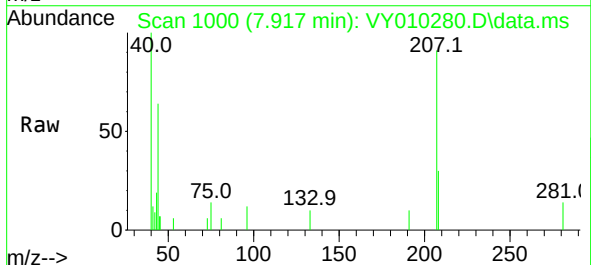
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

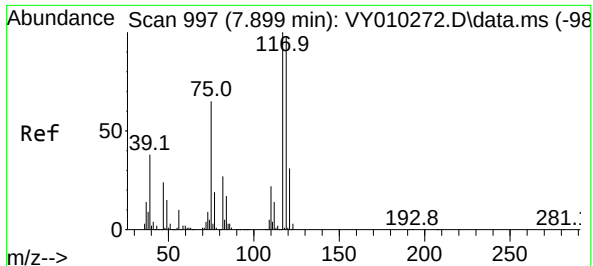
Tgt Ion:113 Resp: 3902  
Ion Ratio Lower Upper  
113 100  
111 97.8 82.6 124.0  
192 20.2 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 1.201 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 75 Resp: 263  
Ion Ratio Lower Upper  
75 100  
110 0.0 17.1 51.2#  
77 0.0 24.4 36.6#

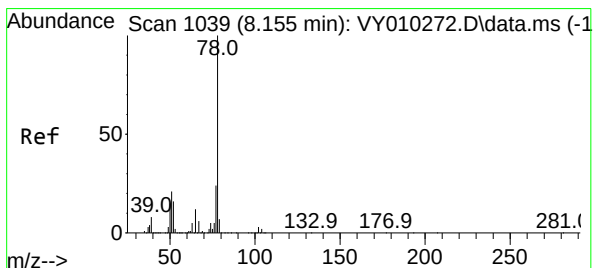
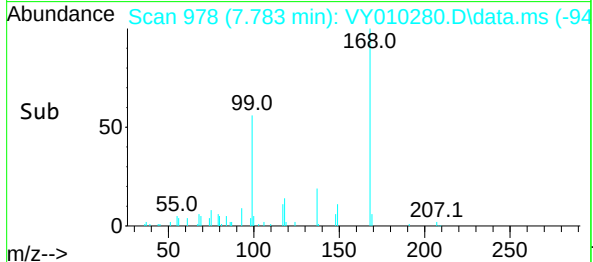
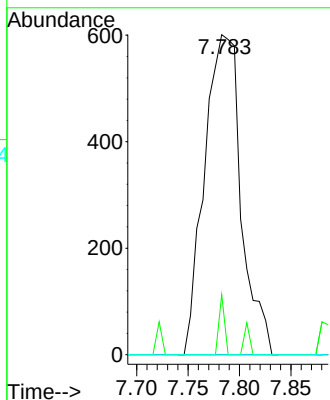
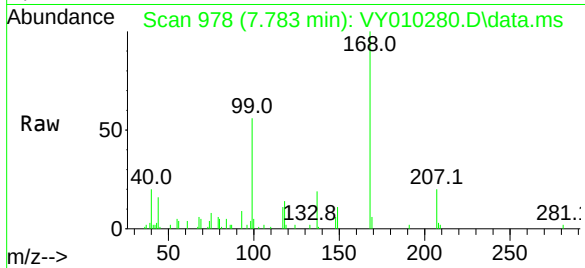




#38  
Carbon Tetrachloride  
Concen: 6.611 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.116 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

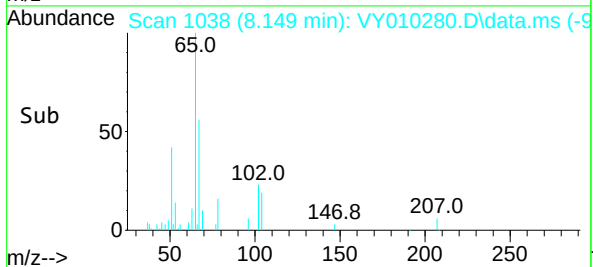
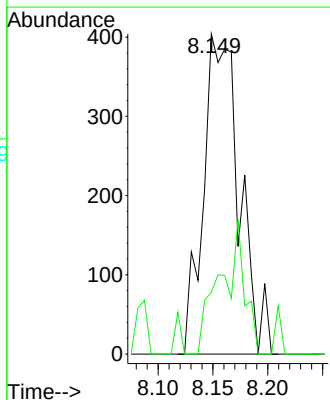
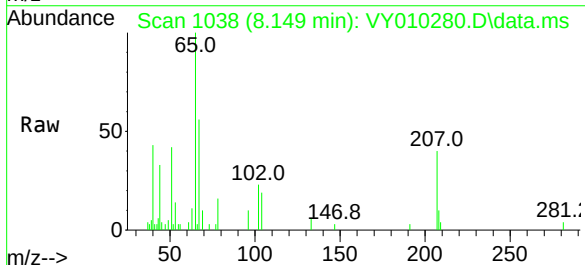
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

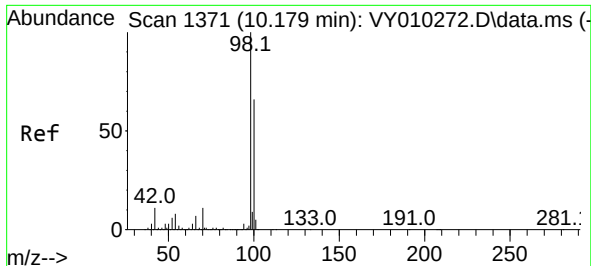
Tgt Ion:117 Resp: 1492  
Ion Ratio Lower Upper  
117 100  
119 18.8 77.9 116.9#  
121 0.0 24.8 37.2#



#40  
Benzene  
Concen: 1.469 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 78 Resp: 921  
Ion Ratio Lower Upper  
78 100  
77 6.2 20.4 30.6#

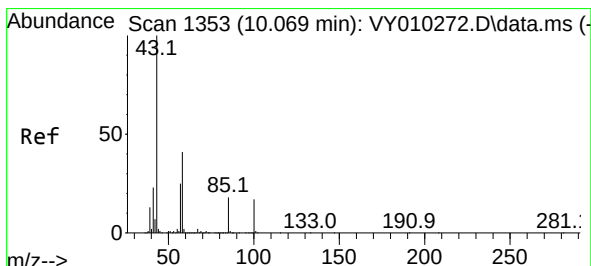
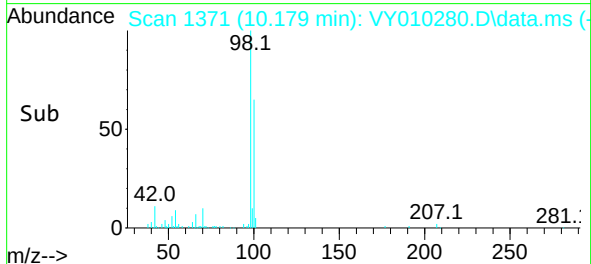
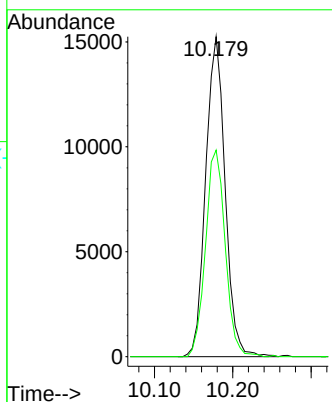
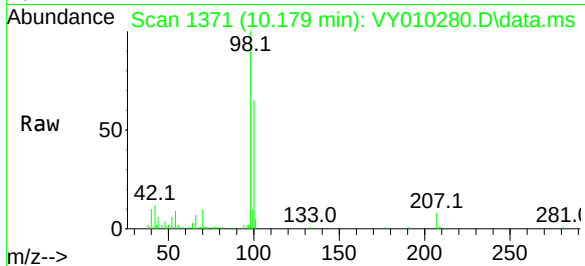




#50  
Toluene-d8  
Concen: 52.501 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

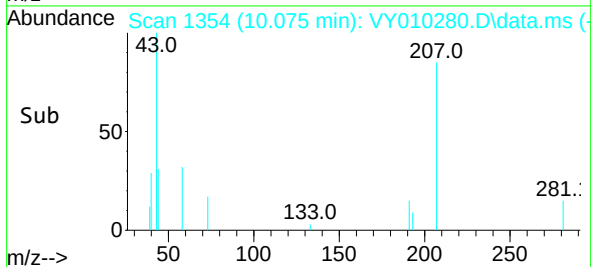
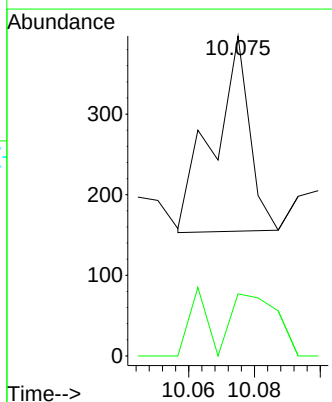
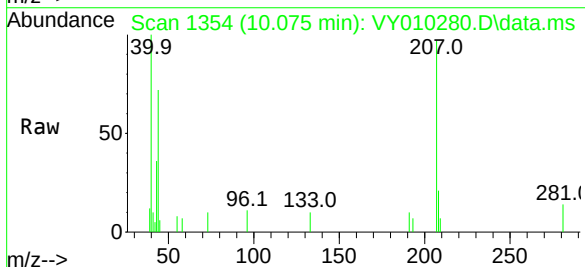
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

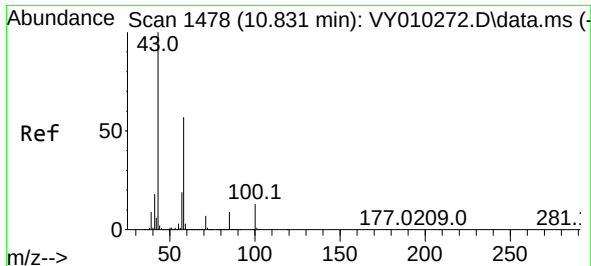
Tgt Ion: 98 Resp: 26234  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.2 75.2



#51  
4-Methyl-2-Pentanone  
Concen: 1.490 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 43 Resp: 184  
Ion Ratio Lower Upper  
43 100  
58 40.8 28.1 42.1

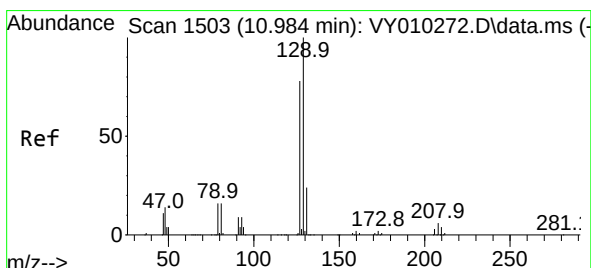
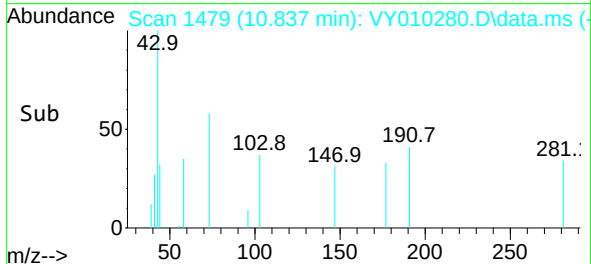
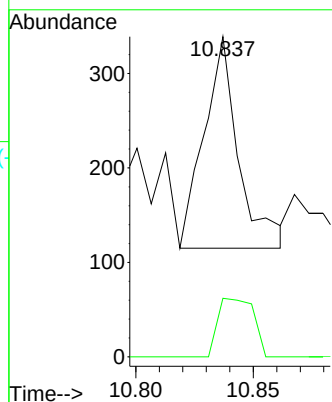
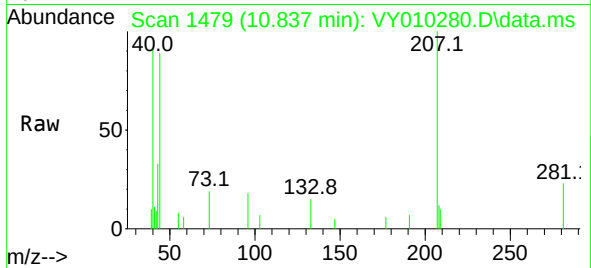




#59  
2-Hexanone  
Concen: 2.686 ug/l  
RT: 10.837 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

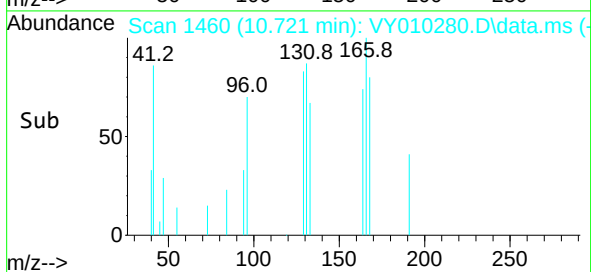
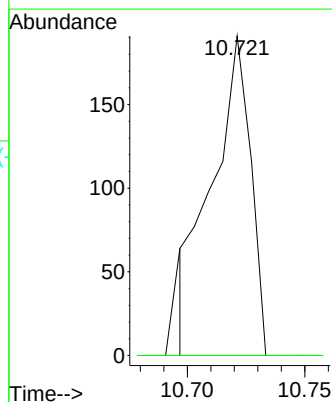
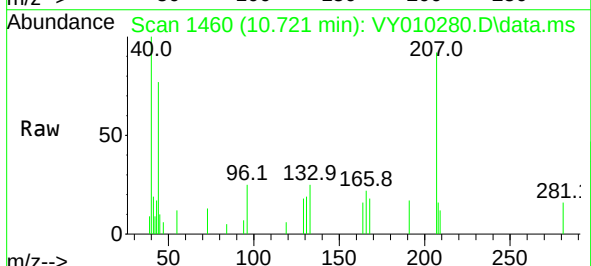
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

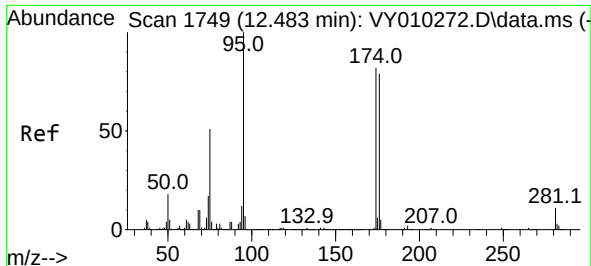
Tgt Ion: 43 Resp: 230  
Ion Ratio Lower Upper  
43 100  
58 28.3 24.4 73.4



#60  
Dibromochloromethane  
Concen: 1.459 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.263 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 129 Resp: 219  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.7 116.1#

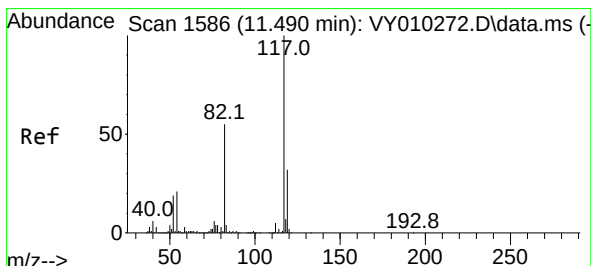
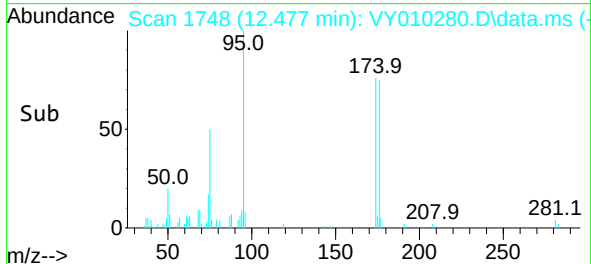
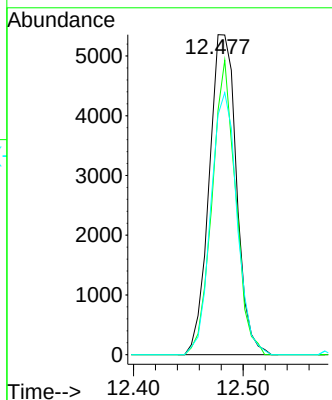
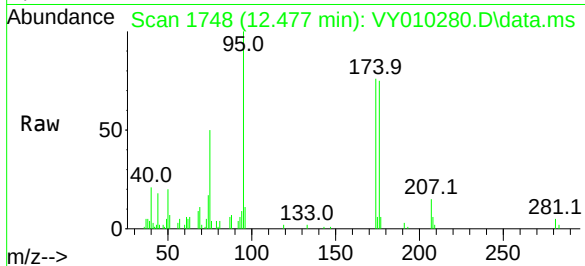




#62  
4-Bromofluorobenzene  
Concen: 45.872 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

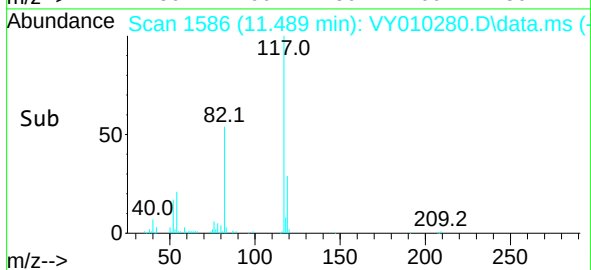
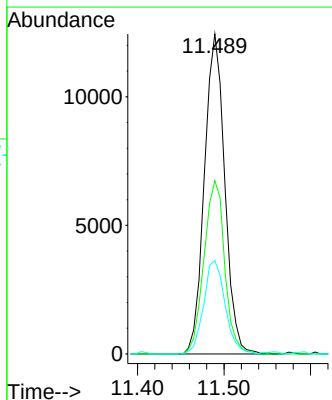
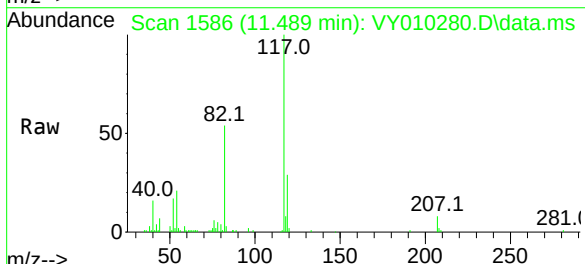
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

Tgt Ion: 95 Resp: 9284  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 177.0  
176 78.4 0.0 175.8

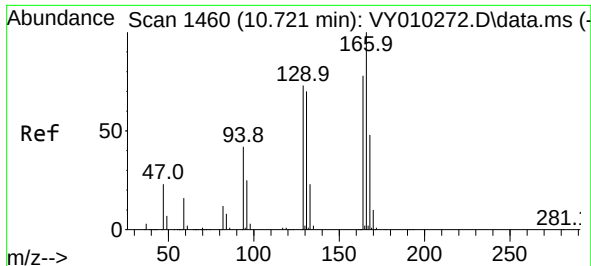


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.001 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 117 Resp: 20307  
Ion Ratio Lower Upper  
117 100  
82 54.2 43.0 64.4  
119 29.2 25.4 38.0



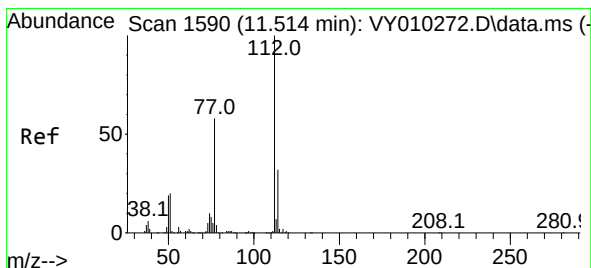
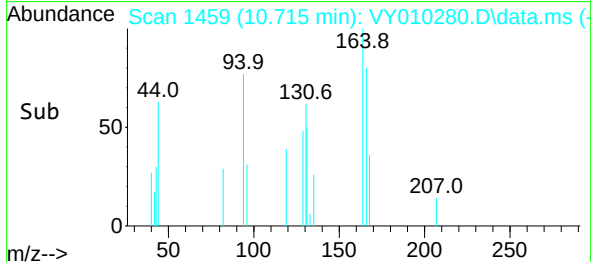
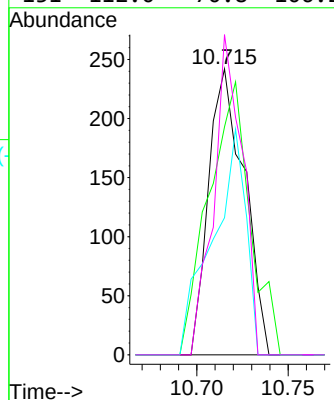
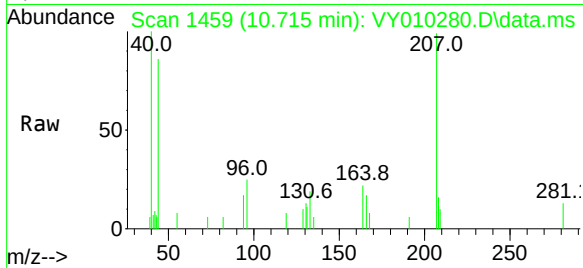




#64  
Tetrachloroethene  
Concen: 1.981 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

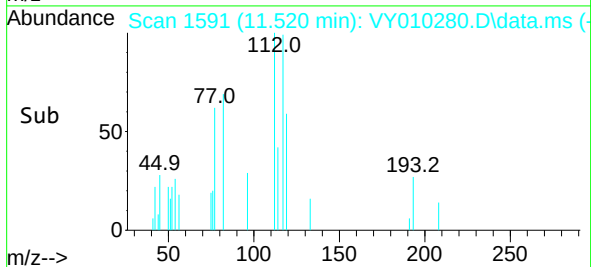
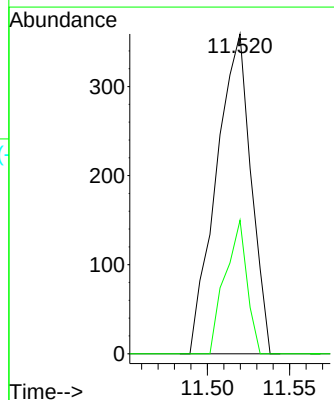
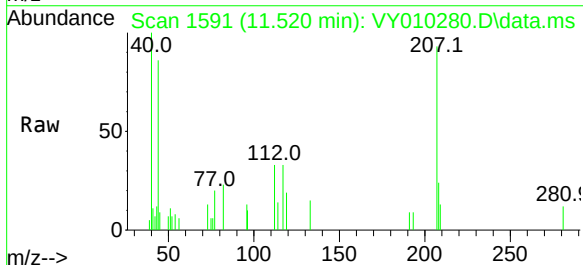
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

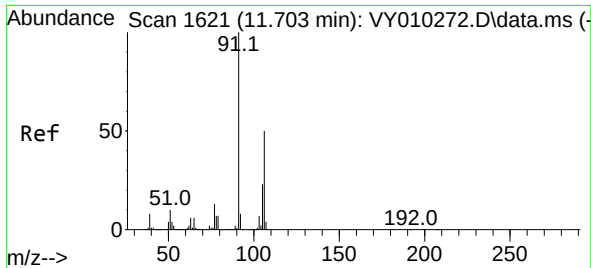
|             |       |              |
|-------------|-------|--------------|
| Tgt Ion:164 | Resp: | 328          |
| Ion         | Ratio | Lower Upper  |
| 164         | 100   |              |
| 166         | 79.8  | 100.4 150.6# |
| 129         | 47.9  | 71.4 107.0#  |
| 131         | 112.0 | 70.8 106.2#  |



#65  
Chlorobenzene  
Concen: 1.216 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:112 | Resp: | 526         |
| Ion         | Ratio | Lower Upper |
| 112         | 100   |             |
| 114         | 41.8  | 25.8 38.6#  |

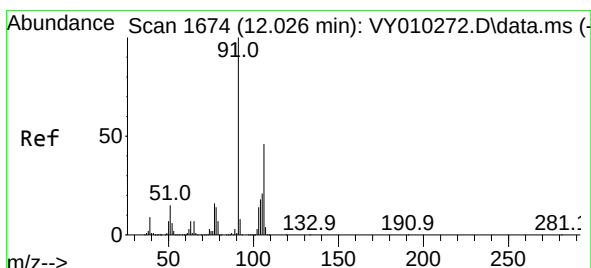
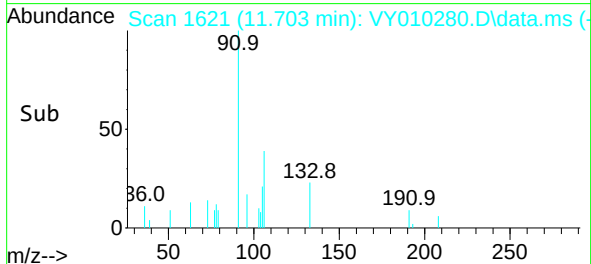
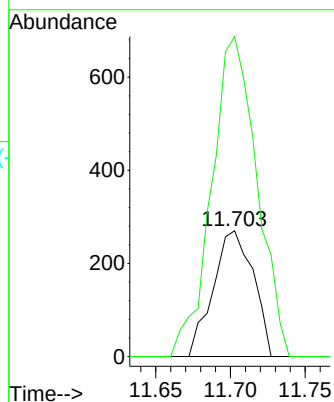
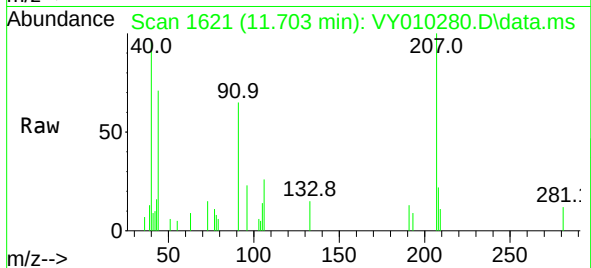




#68  
m/p-Xylenes  
Concen: 1.665 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

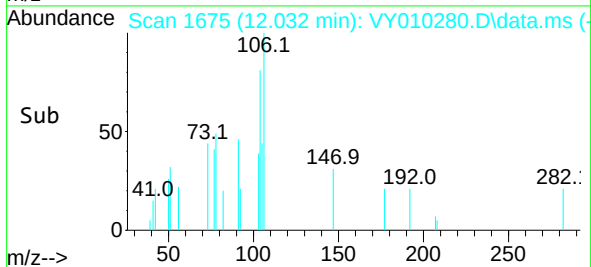
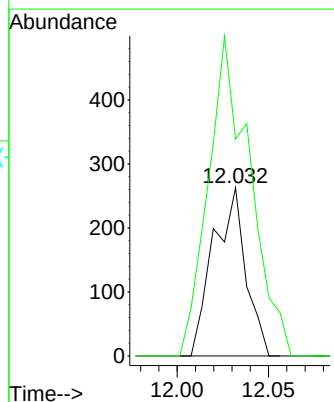
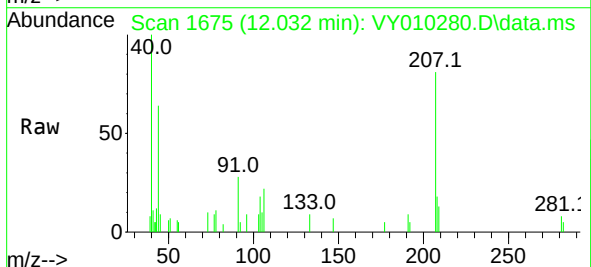
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

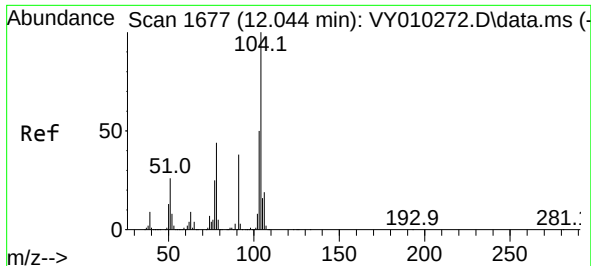
Tgt Ion:106 Resp: 504  
Ion Ratio Lower Upper  
106 100  
91 287.3 166.6 249.8#



#69  
o-Xylene  
Concen: 1.106 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion:106 Resp: 325  
Ion Ratio Lower Upper  
106 100  
91 243.4 110.3 331.0

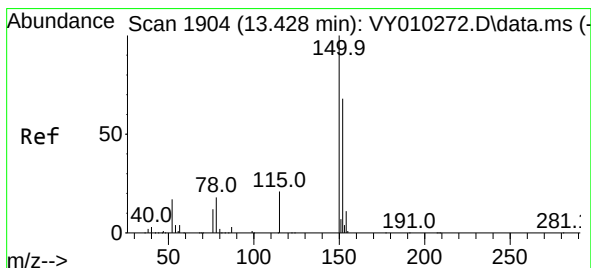
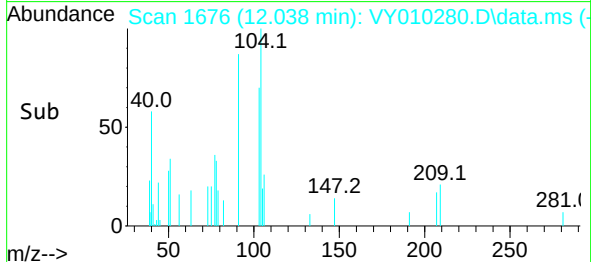
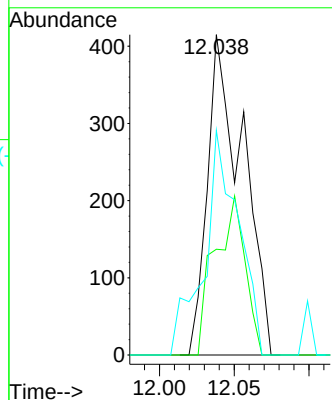
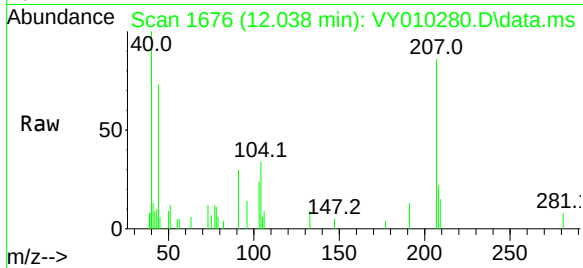




#70  
Styrene  
Concen: 1.391 ug/l  
RT: 12.038 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

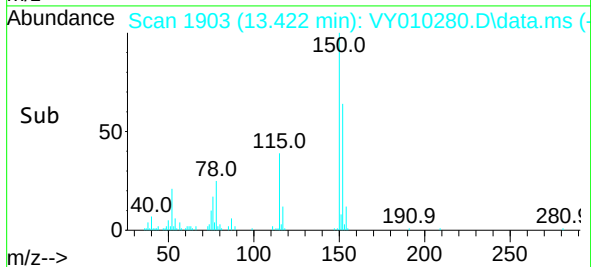
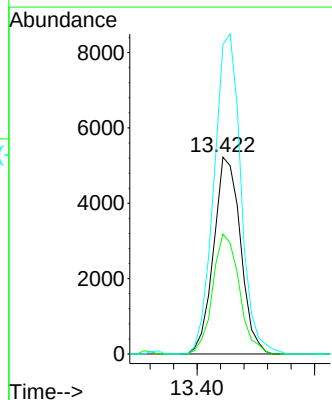
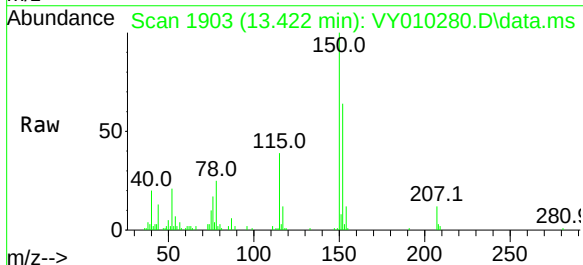
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

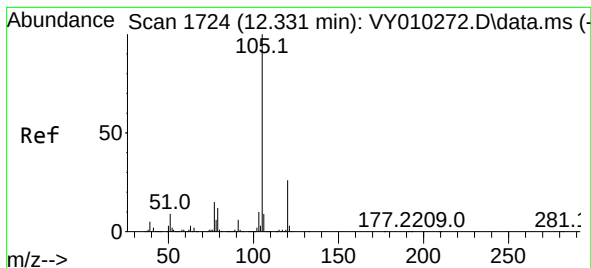
Tgt Ion:104 Resp: 681  
Ion Ratio Lower Upper  
104 100  
78 42.7 42.4 63.6  
103 68.3 44.4 66.6#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion:152 Resp: 8293  
Ion Ratio Lower Upper  
152 100  
115 60.3 28.2 84.7  
150 162.8 0.0 347.6





#73

Isopropylbenzene

Concen: 1.185 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA\_Y

ClientSampleId :

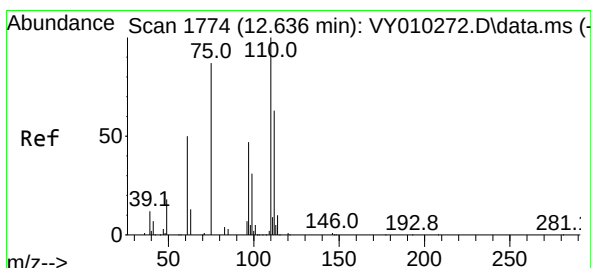
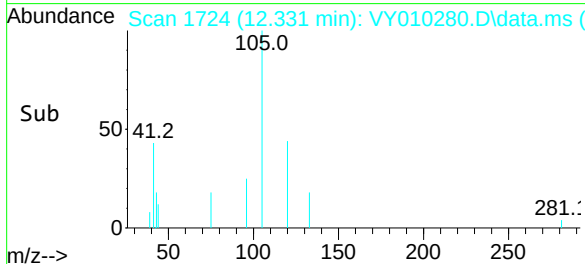
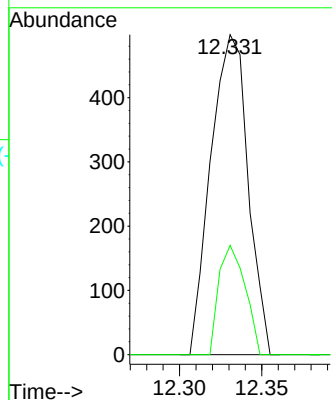
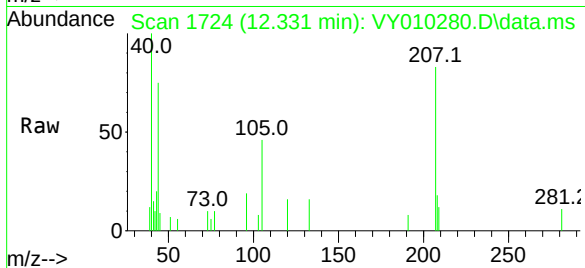
EO-03-083022

Tgt Ion:105 Resp: 784

Ion Ratio Lower Upper

105 100

120 24.1 13.4 40.2



#76

1,2,3-Trichloropropane

Concen: 1.875 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY010280.D

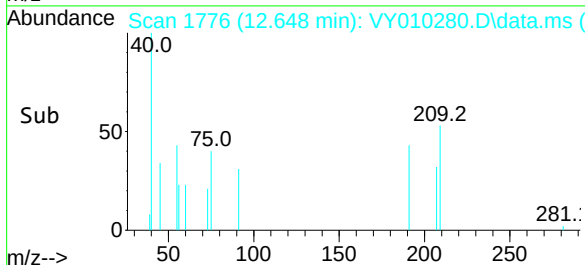
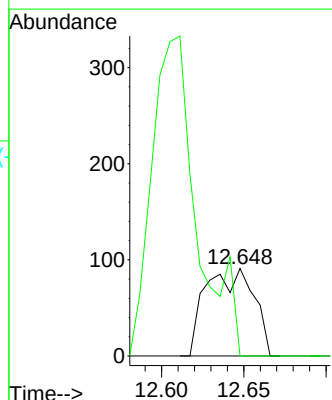
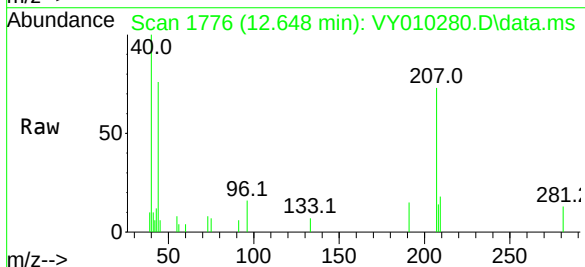
Acq: 02 Sep 2022 15:44

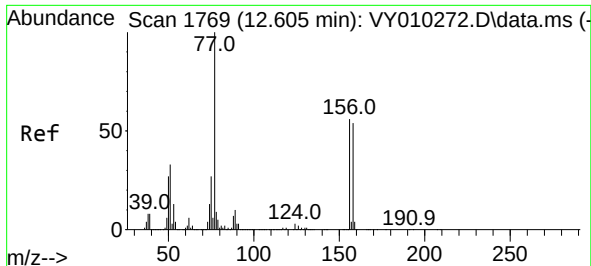
Tgt Ion: 75 Resp: 185

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

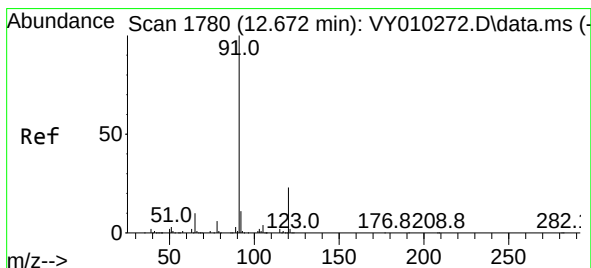
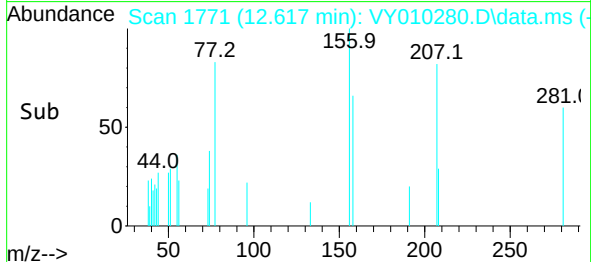
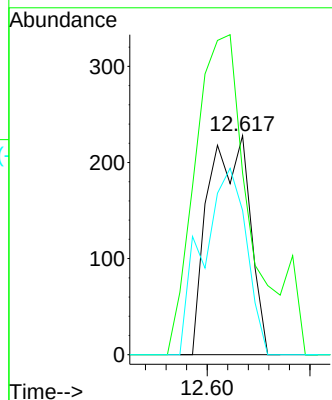
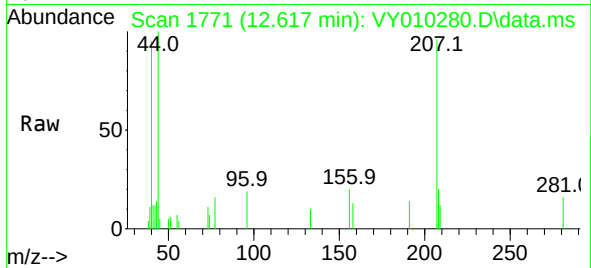




#77  
Bromobenzene  
Concen: 2.119 ug/l  
RT: 12.617 min Scan# 1771  
Delta R.T. 0.012 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

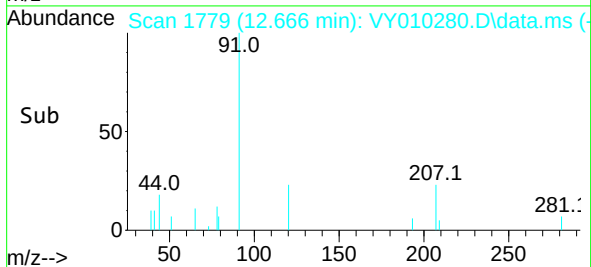
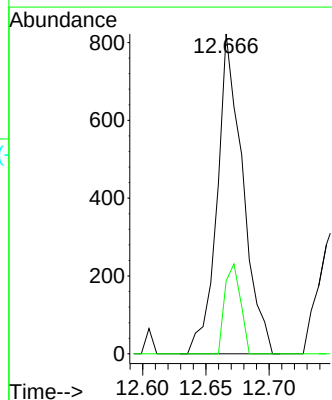
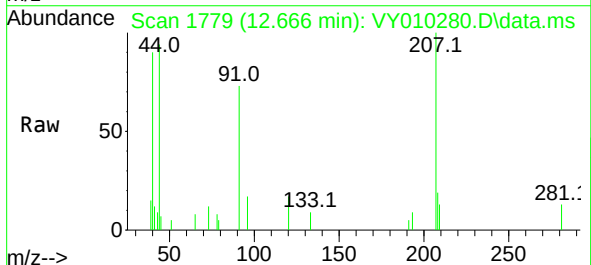
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

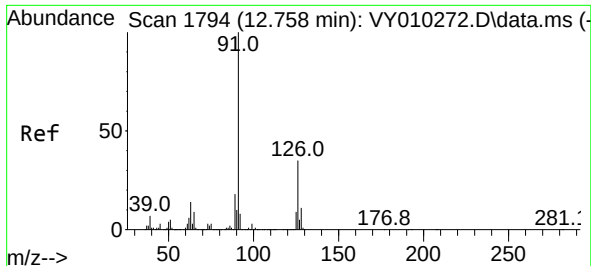
Tgt Ion:156 Resp: 319  
Ion Ratio Lower Upper  
156 100  
77 196.2 95.5 286.4  
158 89.3 48.0 144.0



#78  
n-propylbenzene  
Concen: 1.457 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 91 Resp: 1157  
Ion Ratio Lower Upper  
91 100  
120 17.1 11.3 33.9

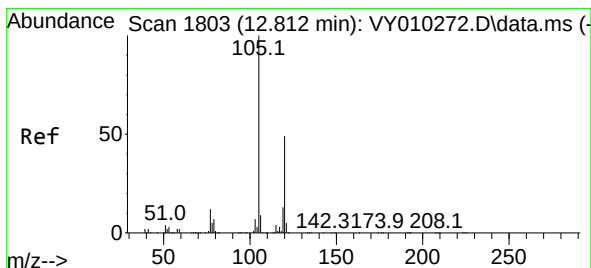
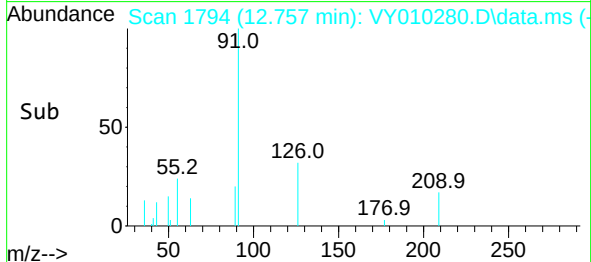
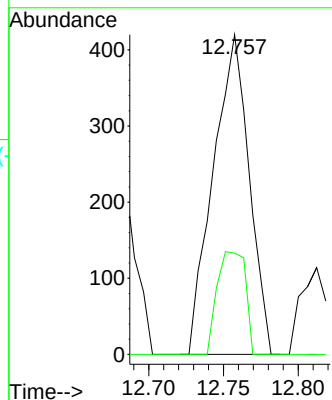
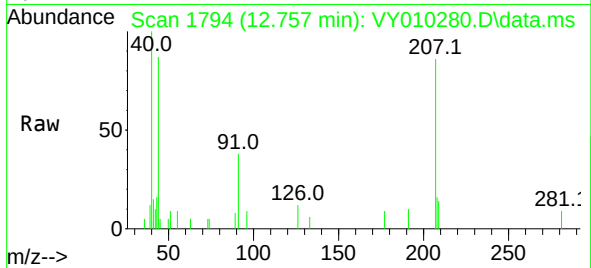




#79  
2-Chlorotoluene  
Concen: 1.564 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.001 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

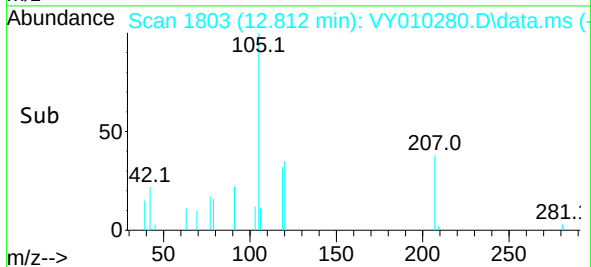
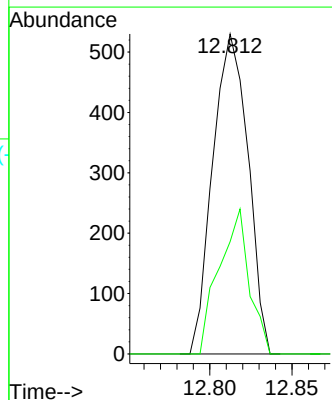
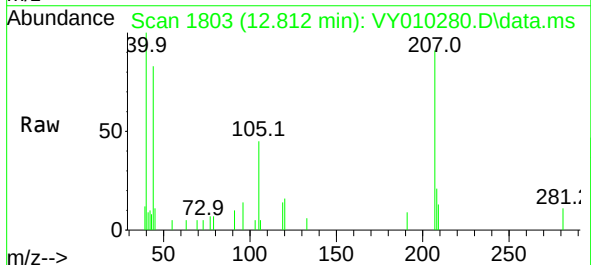
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

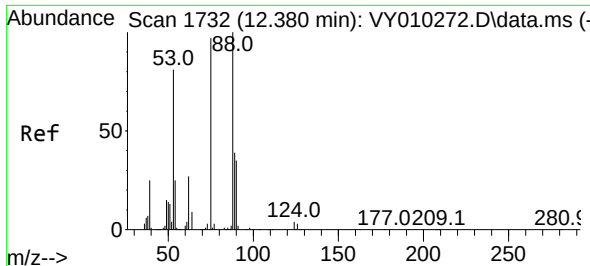
Tgt Ion: 91 Resp: 702  
Ion Ratio Lower Upper  
91 100  
126 25.1 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 1.427 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

Tgt Ion: 105 Resp: 791  
Ion Ratio Lower Upper  
105 100  
120 38.8 24.4 73.4

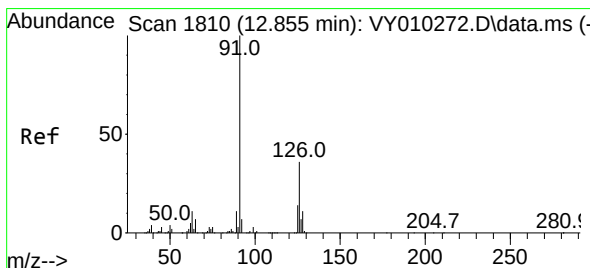
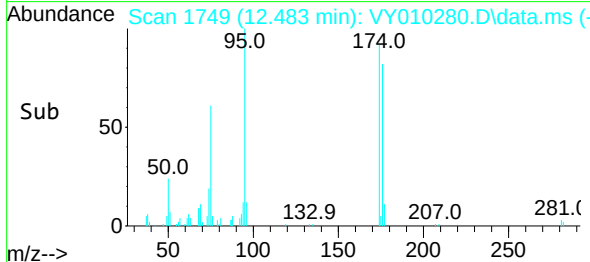
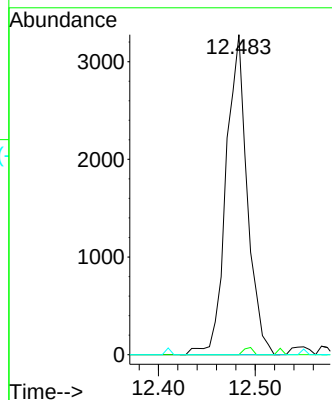
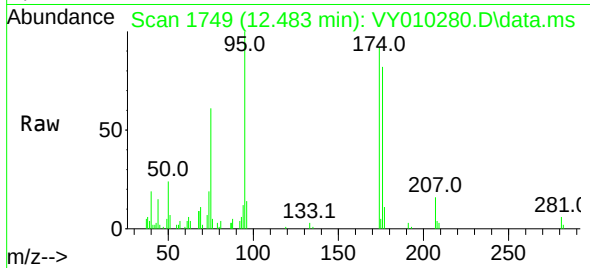




#81  
trans-1,4-Dichloro-2-butene  
Concen: 105.415 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.103 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

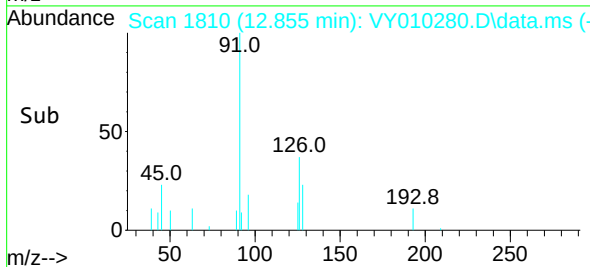
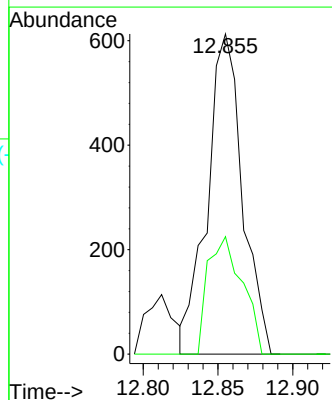
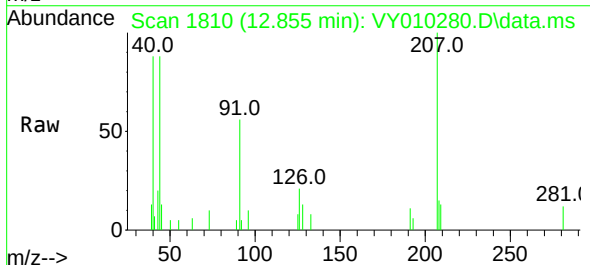
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

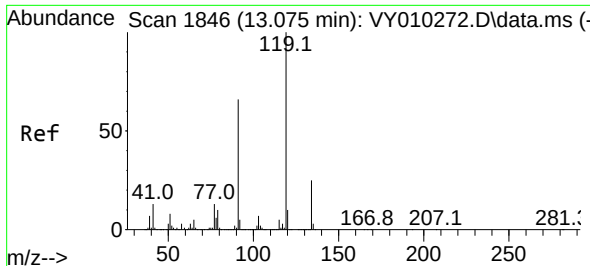
Tgt Ion: 75 Resp: 4987  
Ion Ratio Lower Upper  
75 100  
53 1.0 85.3 127.9#  
89 0.0 37.0 55.4#



#82  
4-Chlorotoluene  
Concen: 2.168 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

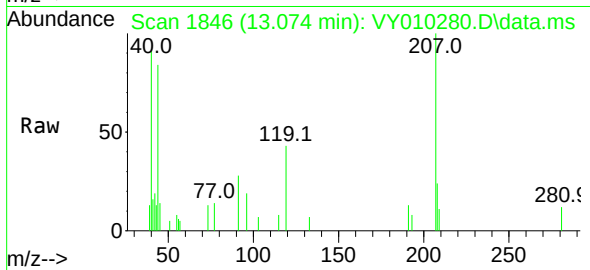
Tgt Ion: 91 Resp: 1002  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.0 51.0



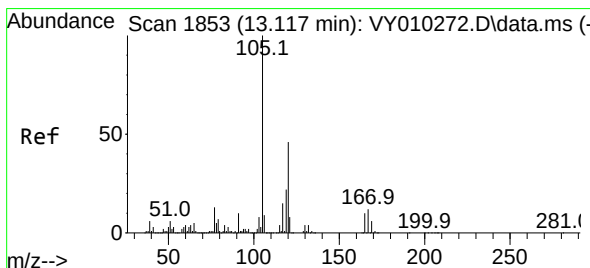
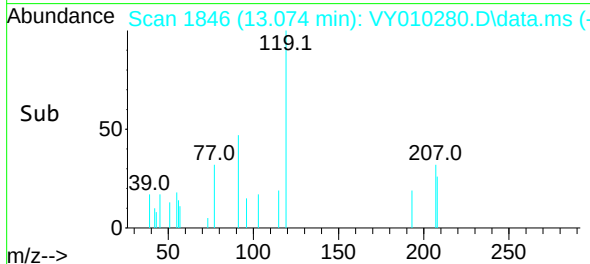
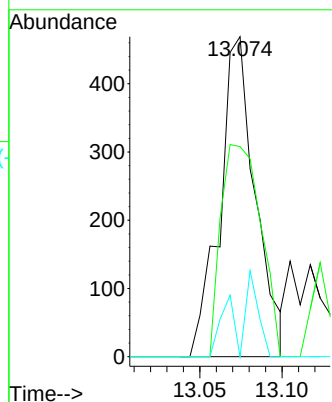


#83  
 tert-Butylbenzene  
 Concen: 1.466 ug/l  
 RT: 13.074 min Scan# 1846  
 Delta R.T. -0.001 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-083022

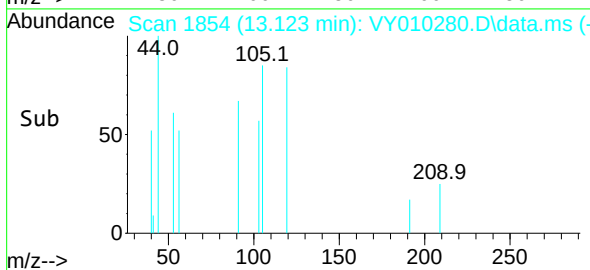
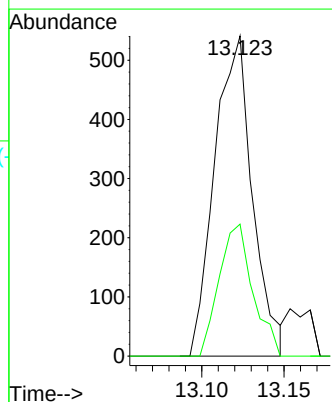
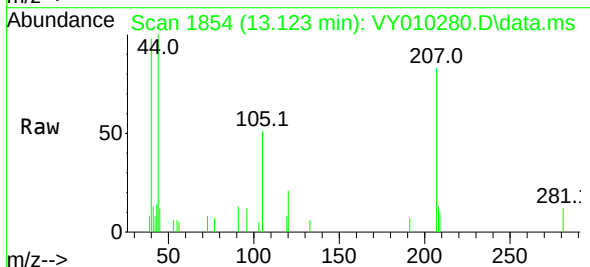


Tgt Ion:119 Resp: 706  
 Ion Ratio Lower Upper  
 119 100  
 91 0.0 34.8 104.4#  
 134 9.3 13.3 39.9#

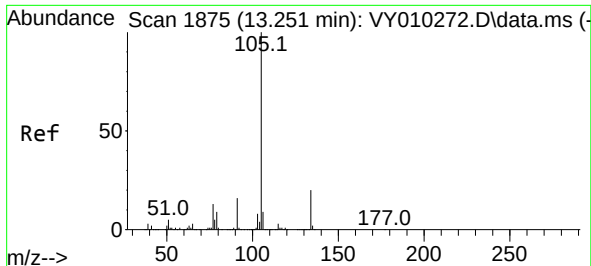


#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.589 ug/l  
 RT: 13.123 min Scan# 1854  
 Delta R.T. 0.006 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

Tgt Ion:105 Resp: 865  
 Ion Ratio Lower Upper  
 105 100  
 120 36.8 22.3 66.9



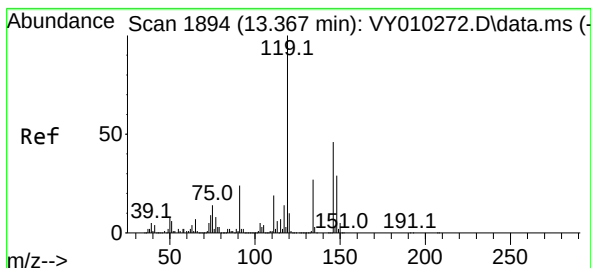
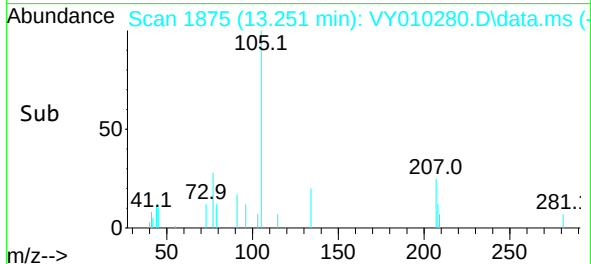
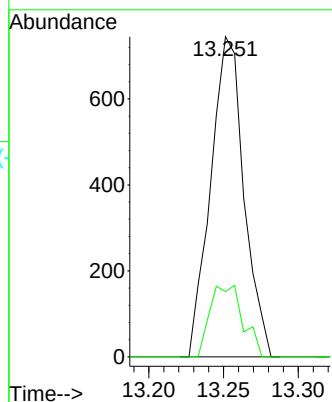
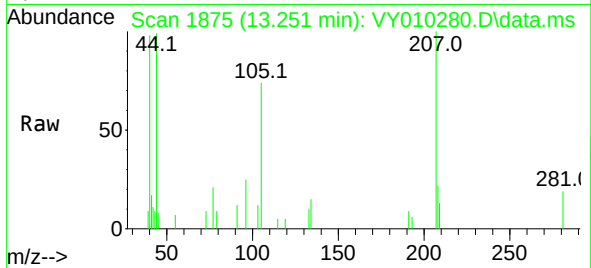




#85  
 sec-Butylbenzene  
 Concen: 1.617 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

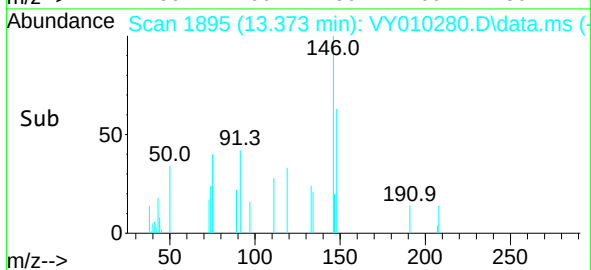
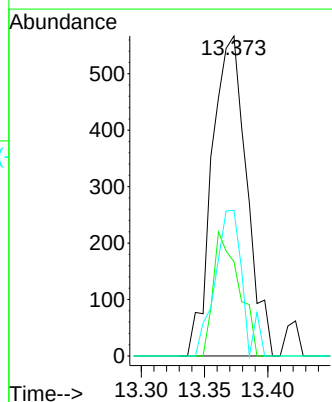
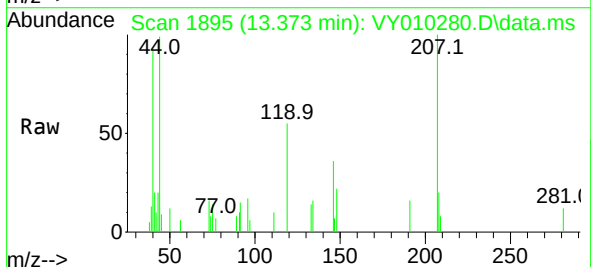
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-083022

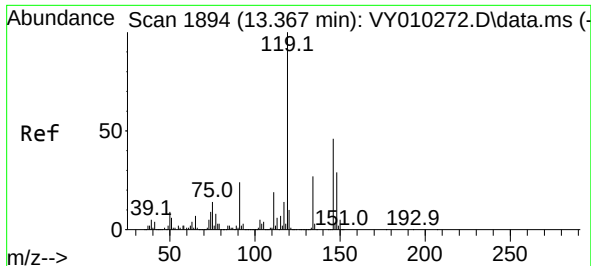
Tgt Ion:105 Resp: 1152  
 Ion Ratio Lower Upper  
 105 100  
 134 22.0 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 1.829 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

Tgt Ion:119 Resp: 1076  
 Ion Ratio Lower Upper  
 119 100  
 134 28.6 13.2 39.5  
 91 36.0 12.4 37.2

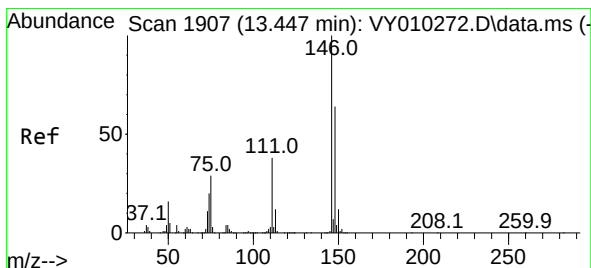
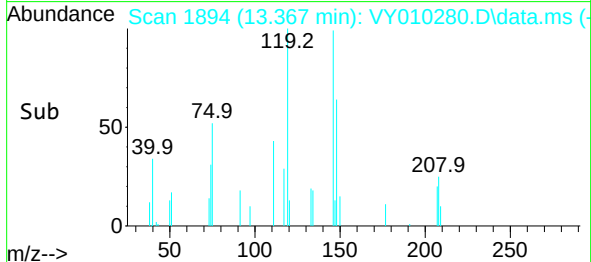
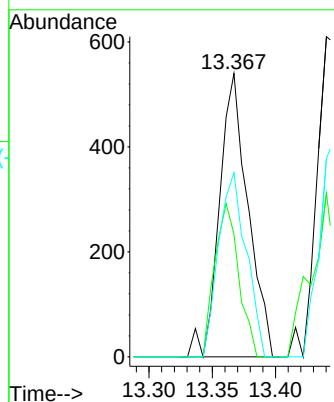
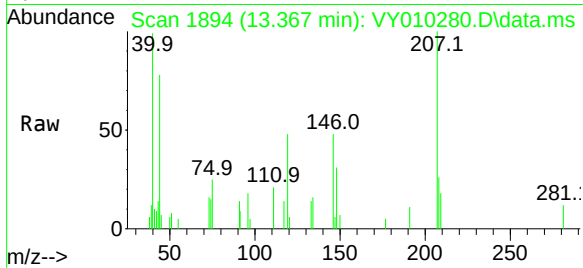




#87  
 1,3-Dichlorobenzene  
 Concen: 2.888 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

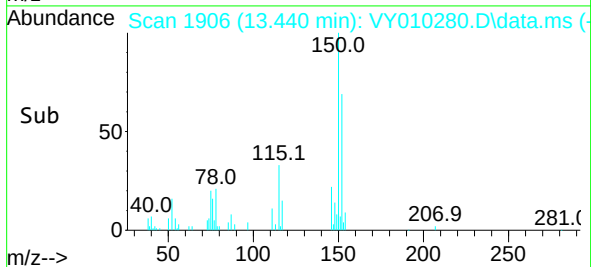
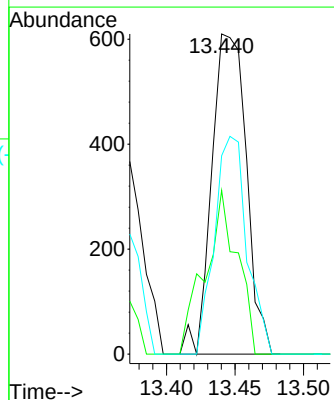
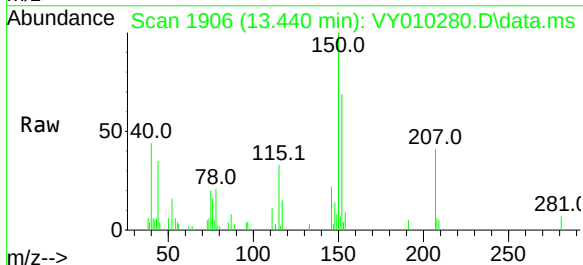
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-083022

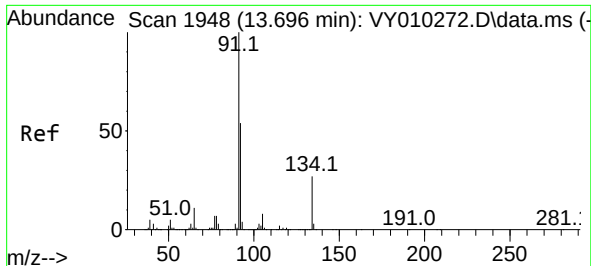
Tgt Ion:146 Resp: 844  
 Ion Ratio Lower Upper  
 146 100  
 111 45.5 19.5 58.5  
 148 63.2 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 3.696 ug/l  
 RT: 13.440 min Scan# 1906  
 Delta R.T. -0.007 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

Tgt Ion:146 Resp: 1074  
 Ion Ratio Lower Upper  
 146 100  
 111 47.6 19.3 57.8  
 148 63.7 32.6 97.8





#89

n-Butylbenzene

Concen: 1.820 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA\_Y

ClientSampleId :

EO-03-083022

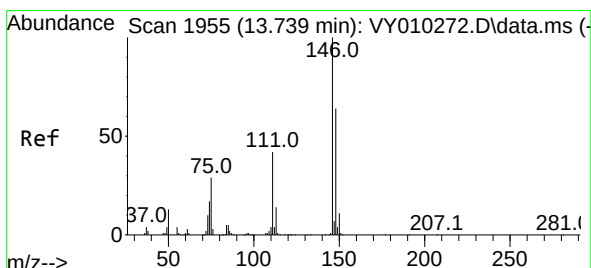
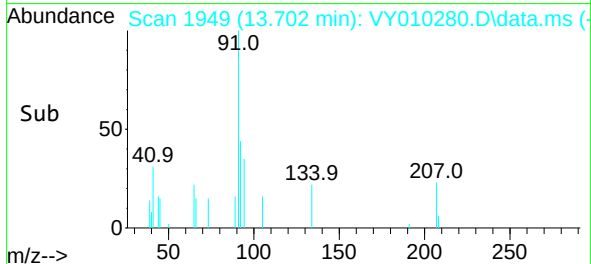
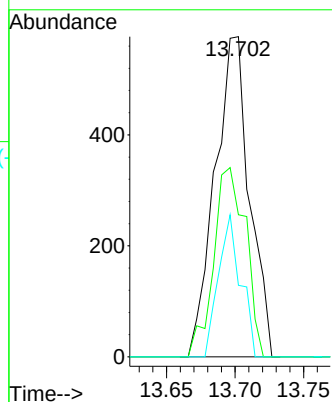
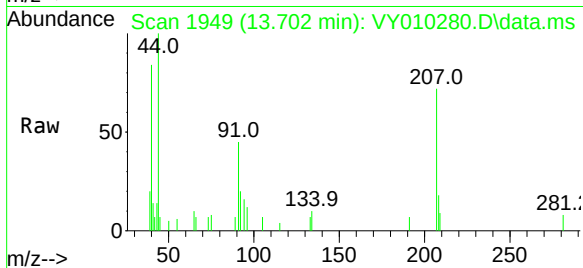
Tgt Ion: 91 Resp: 1012

Ion Ratio Lower Upper

91 100

92 54.6 26.3 78.9

134 28.5 13.0 38.9



#91

1,2-Dichlorobenzene

Concen: 2.914 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

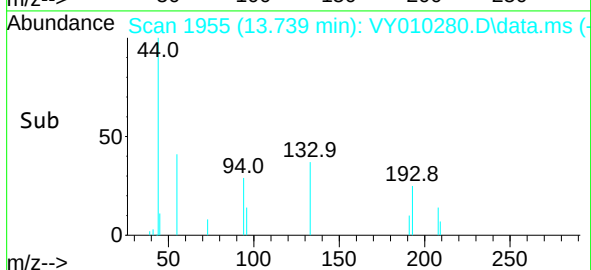
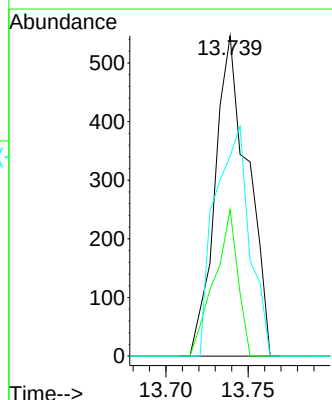
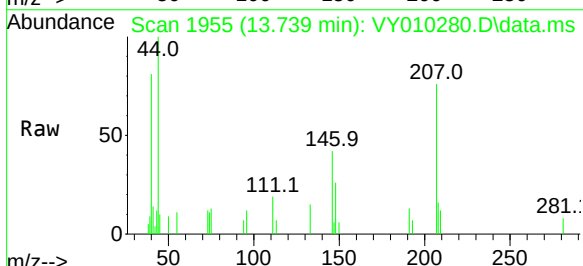
Tgt Ion: 146 Resp: 759

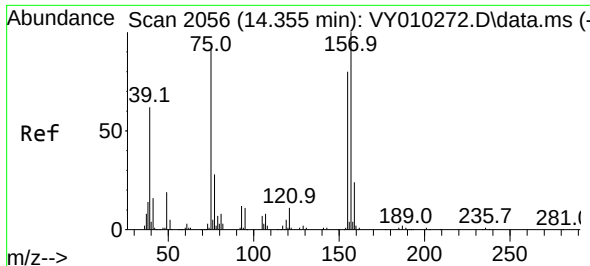
Ion Ratio Lower Upper

146 100

111 32.8 20.3 60.9

148 75.5 32.3 96.9

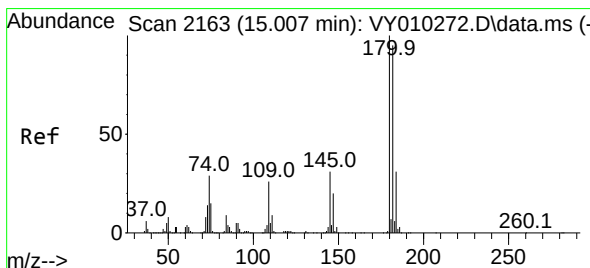
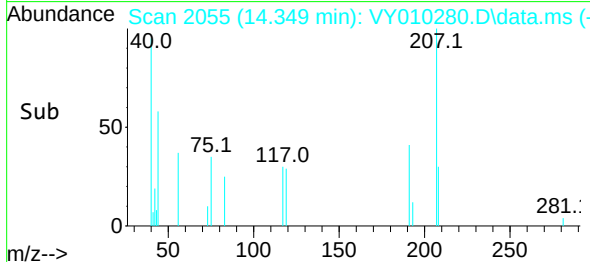
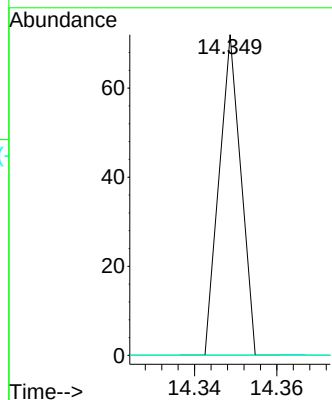
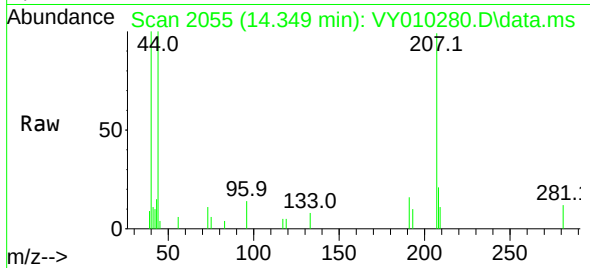




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.160 ug/l  
 RT: 14.349 min Scan# 2055  
 Delta R.T. -0.006 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

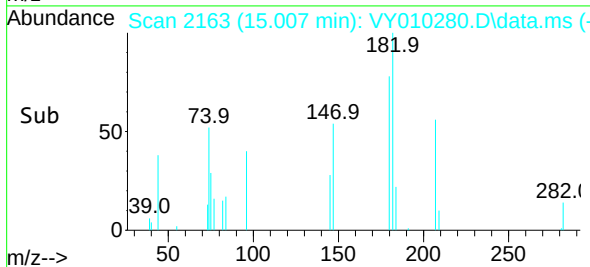
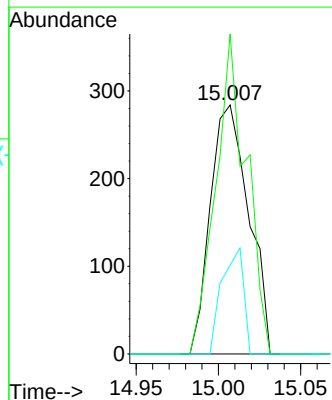
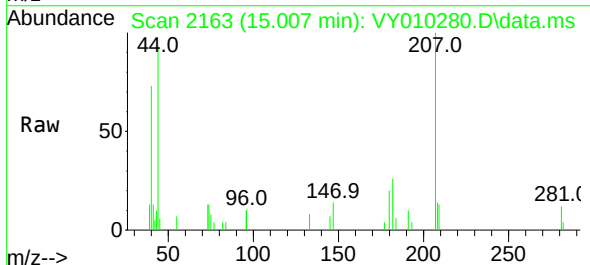
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-083022

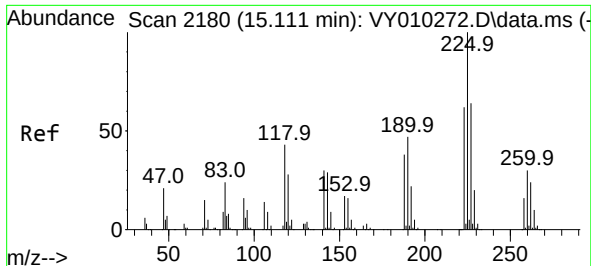
Tgt Ion: 75 Resp: 26  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 38.0 113.9#  
 157 0.0 47.8 143.3#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.866 ug/l  
 RT: 15.007 min Scan# 2163  
 Delta R.T. 0.000 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

Tgt Ion: 180 Resp: 462  
 Ion Ratio Lower Upper  
 180 100  
 182 103.2 47.3 141.9  
 145 24.0 14.6 43.8

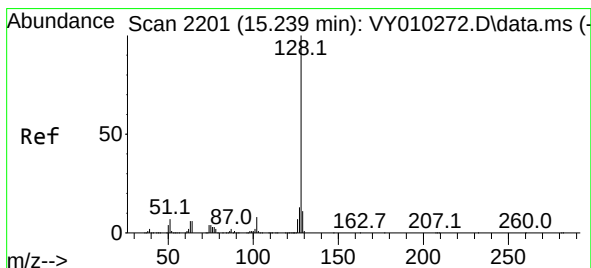
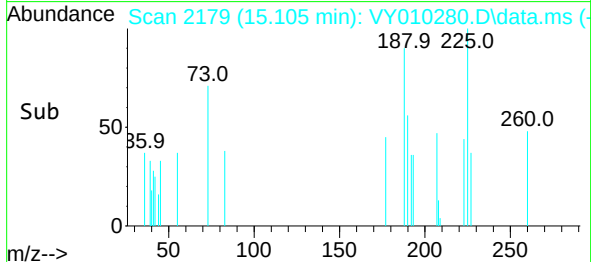
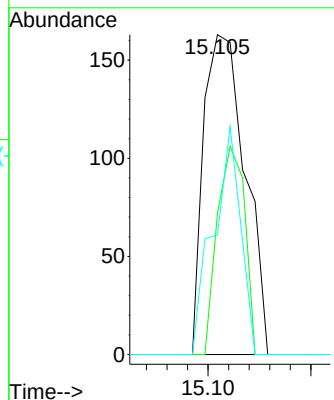
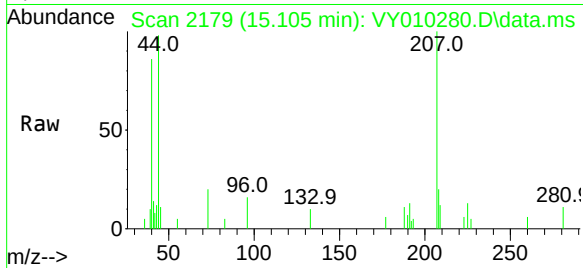




#94  
Hexachlorobutadiene  
Concen: 2.423 ug/l  
RT: 15.105 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

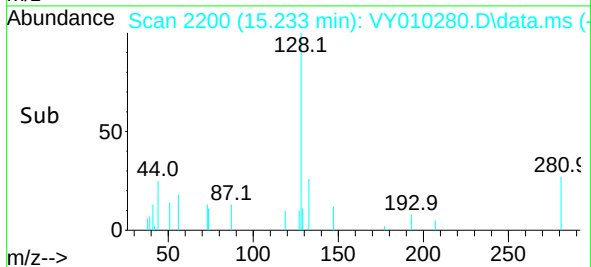
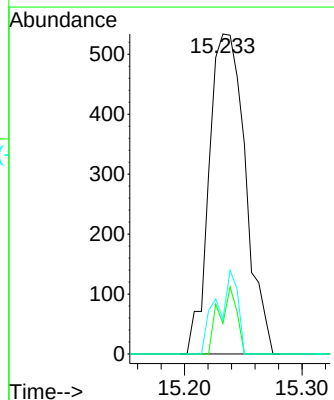
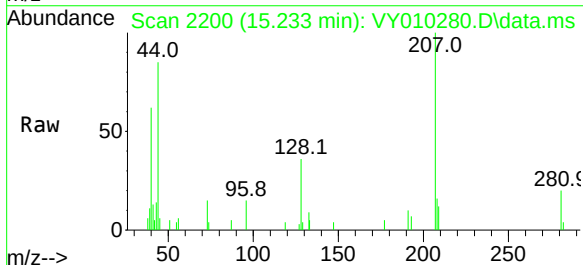
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-083022

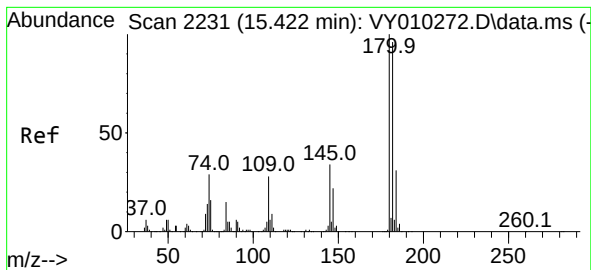
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 229   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 42.8  | 30.8  | 92.3  |
| 227      | 47.2  | 31.6  | 94.7  |



#95  
Naphthalene  
Concen: 3.420 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: VY010280.D  
Acq: 02 Sep 2022 15:44

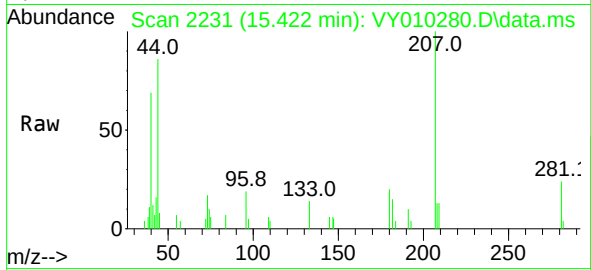
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1144  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 10.1  | 11.0  | 16.4# |
| 129      | 15.0  | 8.4   | 12.6# |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.981 ug/l  
 RT: 15.422 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VY010280.D  
 Acq: 02 Sep 2022 15:44

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-083022



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 407   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 110.1 | 47.3  | 141.9 |
| 145      | 24.3  | 15.3  | 45.9  |

