

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021822\  
 Data File : VU047220.D  
 Acq On : 17 Feb 2022 21:36  
 Operator : SY/MD  
 Sample : N1545-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFY04

Quant Time: Feb 18 03:36:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR021622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 18 03:32:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)     |
|-------------------------------|--------|-------|----------|-----------|--------|--------------|
| -----                         |        |       |          |           |        |              |
| Internal Standards            |        |       |          |           |        |              |
| 1) 1,4-Difluorobenzene        | 6.388  | 114   | 162      | 5.000     | ug/L   | # 0.13       |
| 28) Chlorobenzene-d5          | 9.234  | 117   | 90       | 5.000     | ug/L   | #-0.19       |
| 58) 1,4-Dichlorobenzene-d4    | 11.912 | 152   | 49022    | 5.000     | ug/L   | 0.10         |
| System Monitoring Compounds   |        |       |          |           |        |              |
| 4) Vinyl Chloride-d3          | 0.000  | 65    | 0        | 0.000     | ug/L   |              |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery  | =      | 0.000%#      |
| 7) Chloroethane-d5            | 0.000  | 69    | 0        | 0.000     | ug/L   |              |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery  | =      | 0.000%#      |
| 11) 1,1-Dichloroethene-d2     | 0.000  | 65    | 0        | 0.000     | ug/L   |              |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery  | =      | 0.000%#      |
| 20) 2-Butanone-d5             | 4.549  | 46    | 391      | 119.563   | ug/L   | -0.09        |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery  | =      | 239.120%#    |
| 24) Chloroform-d              | 5.105  | 84    | 123      | 5.412     | ug/L   | 0.04         |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery  | =      | 108.200%     |
| 26) 1,2-Dichloroethane-d4     | 5.690  | 65    | 158      | 12.502    | ug/L   | -0.02        |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery  | =      | 250.000%#    |
| 32) Benzene-d6                | 5.738  | 84    | 287      | 11.413    | ug/L   | 0.00         |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery  | =      | 228.200%#    |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67    | 184      | 22.994    | ug/L   | 0.00         |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery  | =      | 459.800%#    |
| 41) Toluene-d8                | 7.918  | 98    | 44       | 1.789     | ug/L   | 0.02         |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery  | =      | 35.800%#     |
| 43) trans-1,3-Dichloroprop... | 8.349  | 79    | 36494    | 10061.114 | ug/L   | 0.17         |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery  | =      | 201222.200%# |
| 46) 2-Hexanone-d5             | 8.706  | 63    | 65       | 34.033    | ug/L   | 0.07         |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery  | =      | 68.060%      |
| 56) 1,1,2,2-Tetrachloroeth... | 10.912 | 84    | 43626    | 5998.549  | ug/L   | 0.15         |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery  | =      | 119971.000%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.275 | 152   | 43920    | 4.993     | ug/L   | 0.08         |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery  | =      | 99.800%      |
| Target Compounds              |        |       |          |           |        |              |
|                               |        |       |          |           | Qvalue |              |
| 13) Acetone                   | 2.764  | 43    | 2249     | 1373.717  | ug/L   | # 39         |
| 15) Methyl Acetate            | 3.028  | 43    | 786      | 155.111   | ug/L   | # 57         |
| 16) Methylene chloride        | 3.038  | 84    | 223      | 18.777    | ug/L   | # 1          |
| 17) Methyl tert-butyl Ether   | 3.398  | 73    | 155      | 5.321     | ug/L   | # 43         |
| 18) trans-1,2-Dichloroethene  | 3.407  | 96    | 252      | 21.873    | ug/L   | # 18         |
| 19) 1,1-Dichloroethane        | 3.899  | 63    | 262      | 13.009    | ug/L   | # 1          |
| 21) 2-Butanone                | 4.755  | 43    | 318      | 103.429   | ug/L   | 89           |
| 22) cis-1,2-Dichloroethene    | 4.700  | 96    | 13       | 1.037     | ug/L   | 88           |
| 23) Bromochloromethane        | 4.980  | 128   | 86       | 14.630    | ug/L   | # 1          |
| 25) Chloroform                | 5.057  | 83    | 139      | 6.592     | ug/L   | # 66         |
| 27) 1,2-Dichloroethane        | 5.645  | 62    | 22499    | 1596.069  | ug/L   | # 89         |
| 29) 1,1,1-Trichloroethane     | 5.337  | 97    | 202      | 20.727    | ug/L   | # 1          |
| 30) Cyclohexane               | 5.417  | 56    | 63       | 5.923     | ug/L   | # 1          |
| 31) Carbon tetrachloride      | 5.526  | 117   | 77       | 9.074     | ug/L   | 89           |
| 33) Benzene                   | 5.854  | 78    | 94       | 3.676     | ug/L   | 100          |
| 34) Trichloroethene           | 6.539  | 95    | 71       | 10.409    | ug/L   | # 40         |
| 35) Methylcyclohexane         | 6.745  | 83    | 210      | 18.244    | ug/L   | # 42         |
| 37) 1,2-Dichloropropane       | 6.835  | 63    | 985      | 149.007   | ug/L   | 100          |
| 38) Bromodichloromethane      | 7.063  | 83    | 225      | 26.643    | ug/L   | # 73         |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 18 03:32:37 2022  
 Response via : Initial Calibration

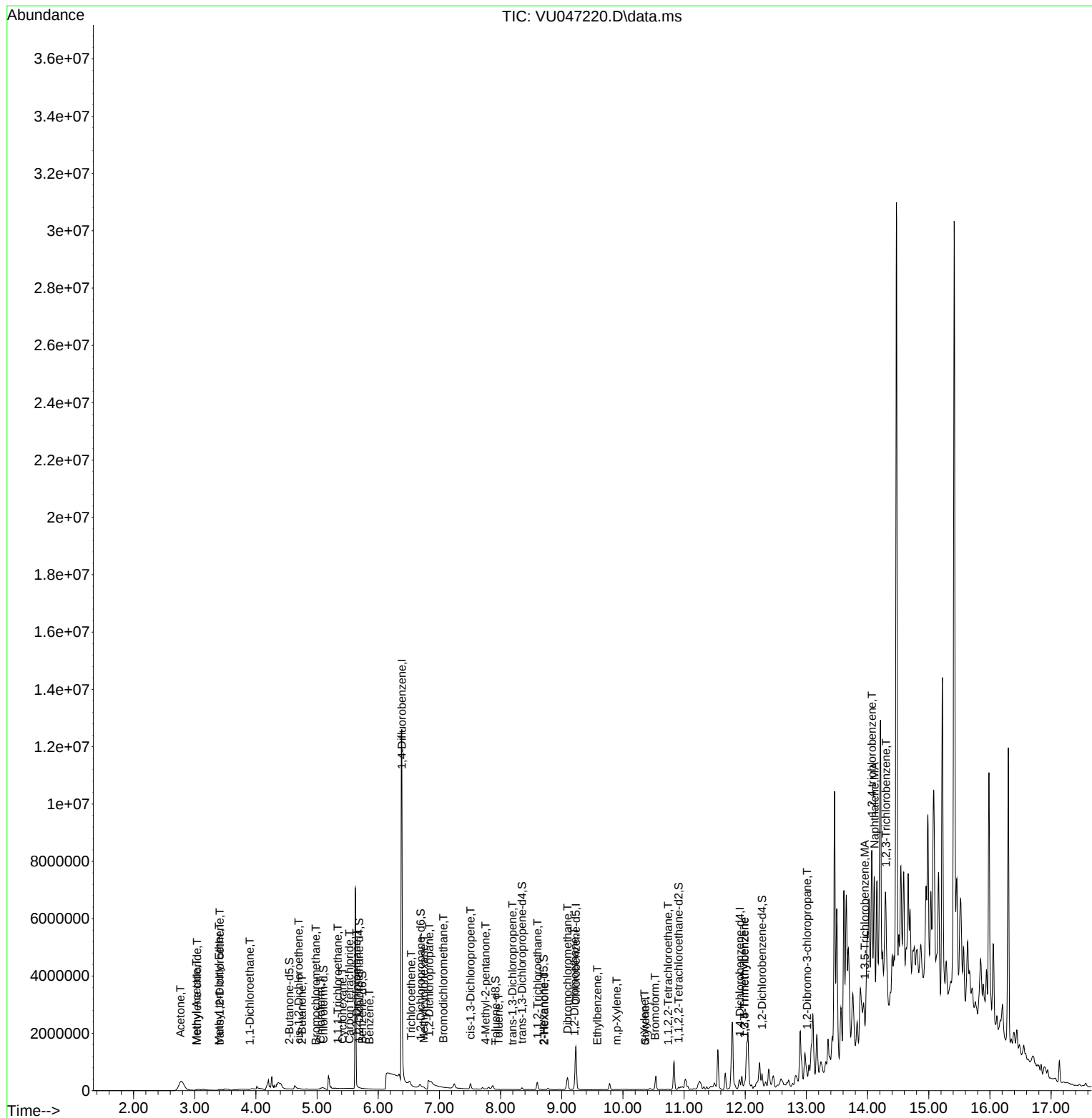
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| 39) cis-1,3-Dichloropropene   | 7.507  | 75   | 7281     | 708.295  | ug/L   | 83       |
| 40) 4-Methyl-2-pentanone      | 7.754  | 43   | 13713    | 2907.266 | ug/L # | 48       |
| 42) Toluene                   | 7.970  | 91   | 264      | 9.274    | ug/L # | 21       |
| 44) trans-1,3-Dichloropropene | 8.195  | 75   | 121      | 13.066   | ug/L # | 1        |
| 45) 1,1,2-Trichloroethane     | 8.603  | 97   | 7055     | 1374.429 | ug/L # | 1        |
| 48) 2-Hexanone                | 8.716  | 43   | 2219     | 632.746  | ug/L # | 75       |
| 49) Dibromochloromethane      | 9.095  | 129  | 22974    | 3715.327 | ug/L # | 10       |
| 50) 1,2-Dibromoethane         | 9.208  | 107  | 65       | 12.555   | ug/L # | 7        |
| 52) Ethylbenzene              | 9.581  | 91   | 287      | 9.200    | ug/L # | 44       |
| 53) m,p-Xylene                | 9.896  | 106  | 217      | 17.718   | ug/L # | 31       |
| 54) o-Xylene                  | 10.352 | 106  | 1347     | 112.930  | ug/L   | 94       |
| 55) Styrene                   | 10.365 | 104  | 526      | 26.360   | ug/L # | 26       |
| 57) 1,1,2,2-Tetrachloroethane | 10.742 | 83   | 422      | 62.115   | ug/L # | 1        |
| 59) Bromoform                 | 10.523 | 173  | 945      | 0.265    | ug/L # | 90       |
| 62) 1,3,5-Trimethylbenzene    | 11.986 | 105  | 12528    | 0.652    | ug/L   | 91       |
| 63) 1,2,4-Trimethylbenzene    | 11.986 | 105  | 12528    | 0.507    | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 13.012 | 75   | 235      | 0.217    | ug/L # | 1        |
| 69) 1,3,5-Trichlorobenzene    | 13.954 | 180  | 5313     | 0.464    | ug/L # | 26       |
| 70) 1,2,4-trichlorobenzene    | 14.073 | 180  | 12545    | 1.176    | ug/L   | 96       |
| 71) Naphthalene               | 14.114 | 128  | 18911    | 0.859    | ug/L # | 1        |
| 72) 1,2,3-Trichlorobenzene    | 14.301 | 180  | 88495    | 8.819    | ug/L # | 45       |
| -----                         |        |      |          |          |        |          |

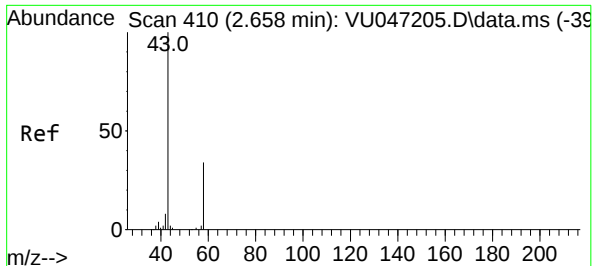
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#13

Acetone

Concen: 1373.717 ug/L

RT: 2.764 min Scan# 44

Delta R.T. 0.106 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Instrument :

MSVOA\_U

ClientSampleId :

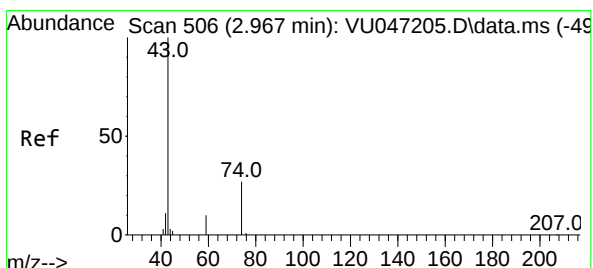
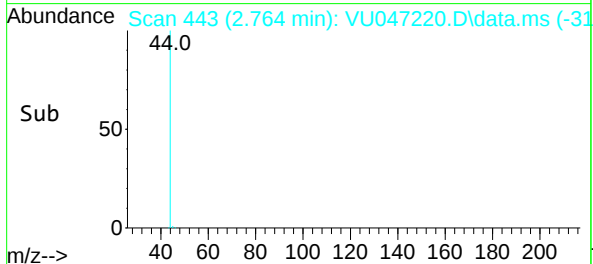
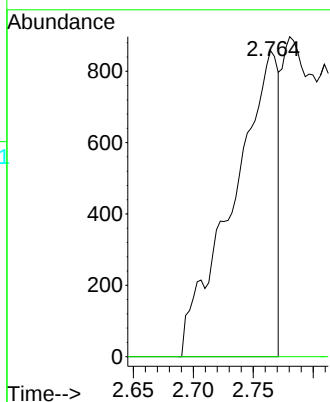
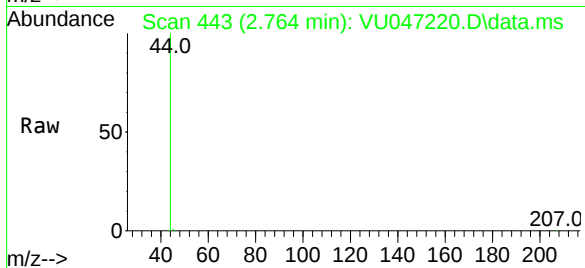
BFY04

Tgt Ion: 43 Resp: 2249

Ion Ratio Lower Upper

43 100

58 0.0 0.0 71.6



#15

Methyl Acetate

Concen: 155.111 ug/L

RT: 3.028 min Scan# 525

Delta R.T. 0.061 min

Lab File: VU047220.D

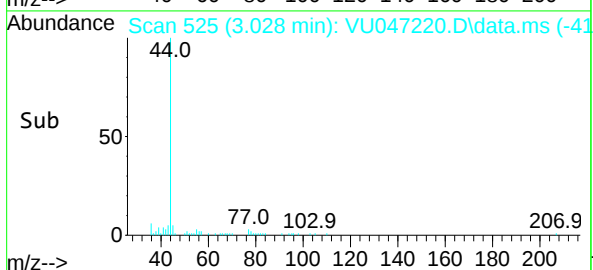
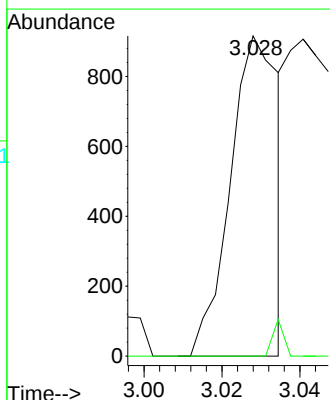
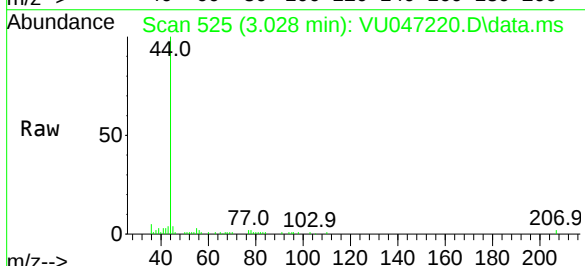
Acq: 17 Feb 2022 21:36

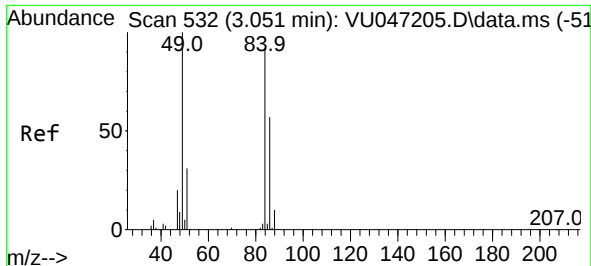
Tgt Ion: 43 Resp: 786

Ion Ratio Lower Upper

43 100

74 2.5 19.1 28.7#

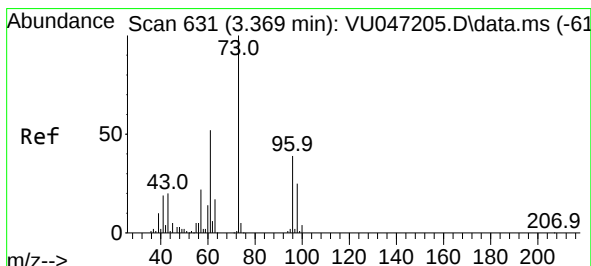
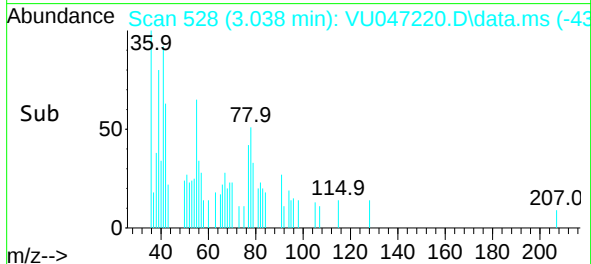
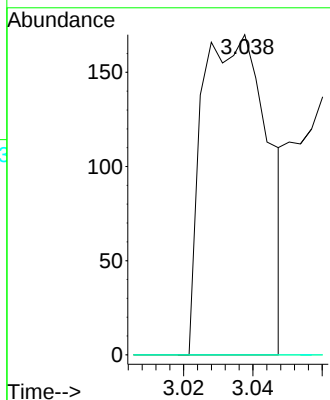
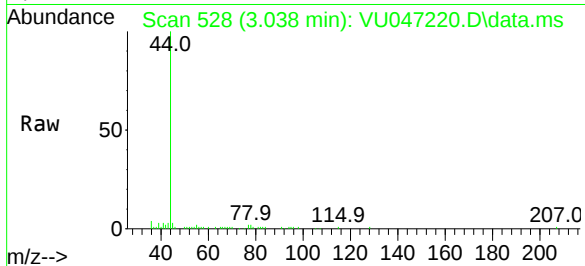




#16  
Methylene chloride  
Concen: 18.777 ug/L  
RT: 3.038 min Scan# 51  
Delta R.T. -0.013 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

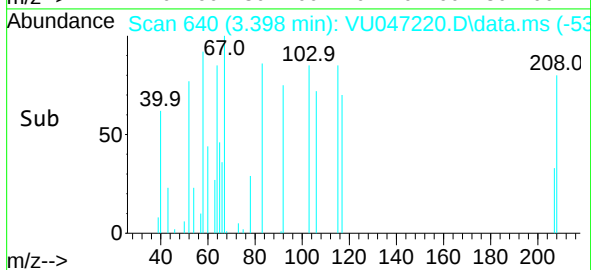
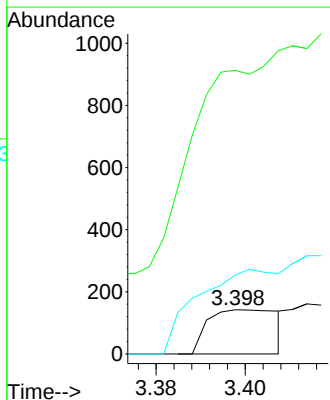
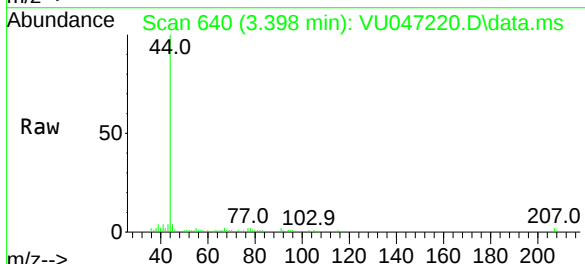
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

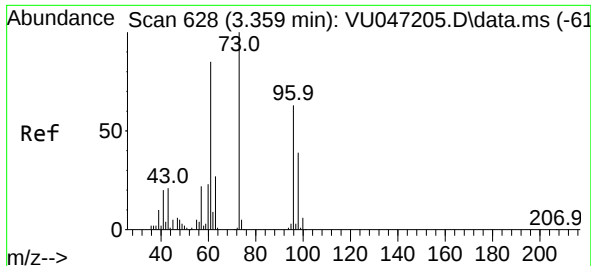
Tgt Ion: 84 Resp: 223  
Ion Ratio Lower Upper  
84 100  
86 0.0 45.8 85.0#  
49 0.0 84.5 156.9#



#17  
Methyl tert-butyl Ether  
Concen: 5.321 ug/L  
RT: 3.398 min Scan# 640  
Delta R.T. 0.029 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

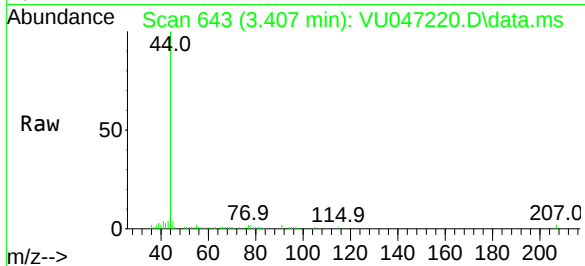
Tgt Ion: 73 Resp: 155  
Ion Ratio Lower Upper  
73 100  
43 50.3 14.8 22.2#  
57 0.0 17.4 26.0#



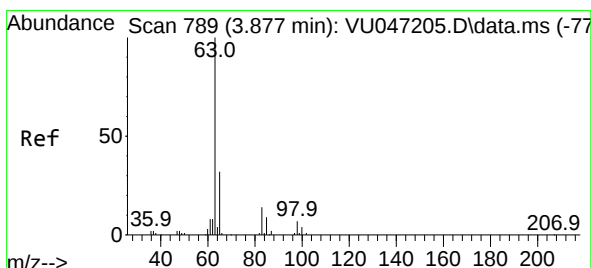
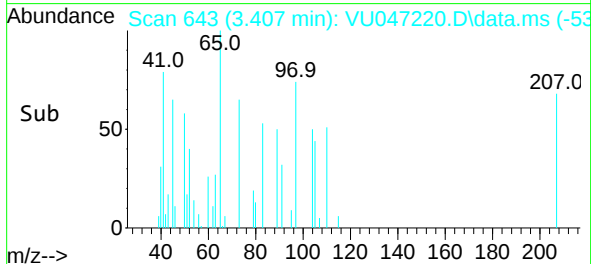
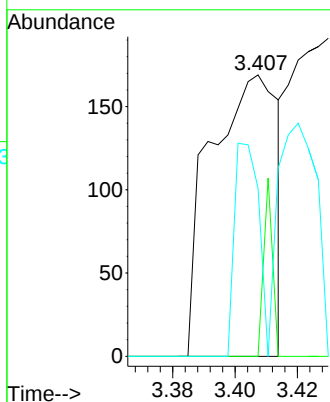


#18  
trans-1,2-Dichloroethene  
Concen: 21.873 ug/L  
RT: 3.407 min Scan# 64  
Delta R.T. 0.048 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

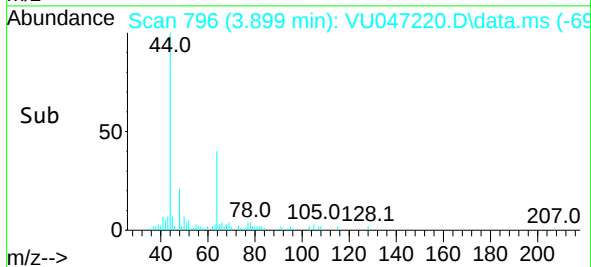
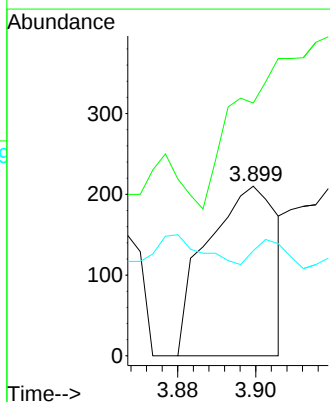
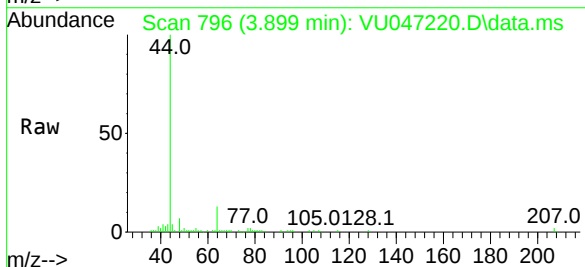


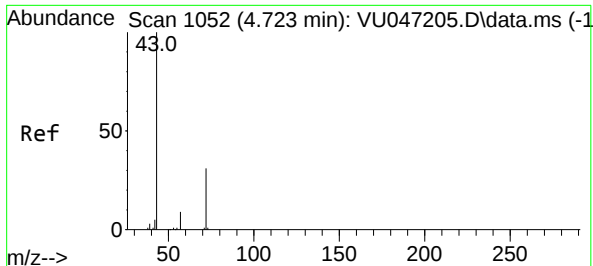
Tgt Ion: 96 Resp: 252  
Ion Ratio Lower Upper  
96 100  
61 0.0 100.8 187.2#  
98 59.8 45.1 83.7



#19  
1,1-Dichloroethane  
Concen: 13.009 ug/L  
RT: 3.899 min Scan# 796  
Delta R.T. 0.022 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion: 63 Resp: 262  
Ion Ratio Lower Upper  
63 100  
65 149.0 22.3 41.5#  
83 61.9 9.6 17.8#





#21

2-Butanone

Concen: 103.429 ug/L

RT: 4.755 min Scan# 1062

Delta R.T. 0.032 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Instrument :

MSVOA\_U

ClientSampleId :

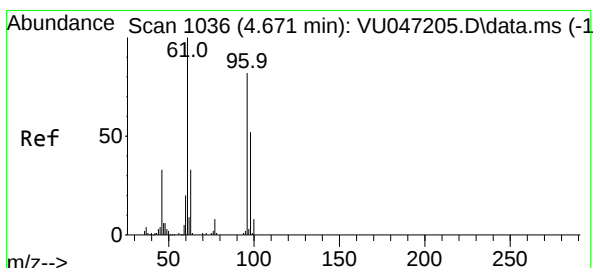
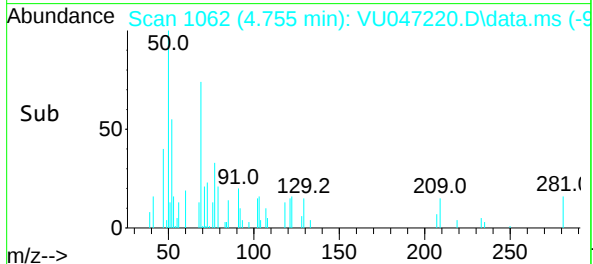
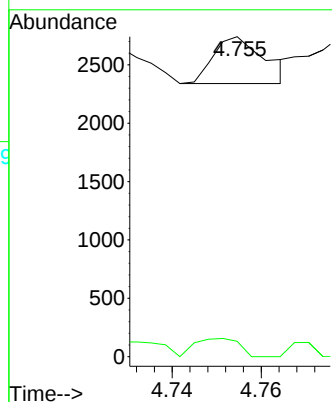
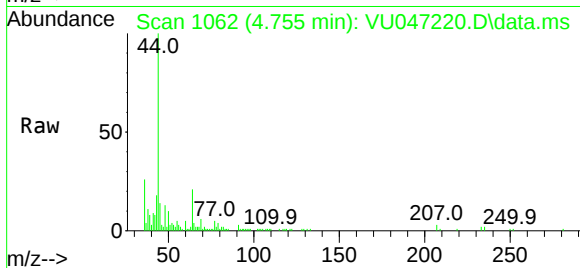
BFY04

Tgt Ion: 43 Resp: 318

Ion Ratio Lower Upper

43 100

72 34.0 14.1 42.3



#22

cis-1,2-Dichloroethene

Concen: 1.037 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.029 min

Lab File: VU047220.D

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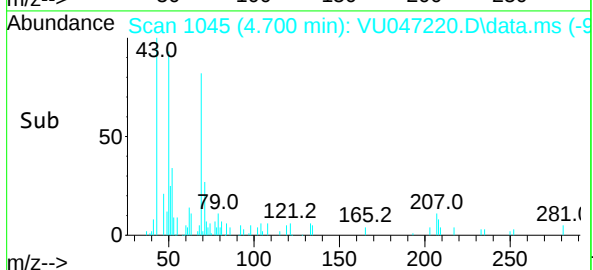
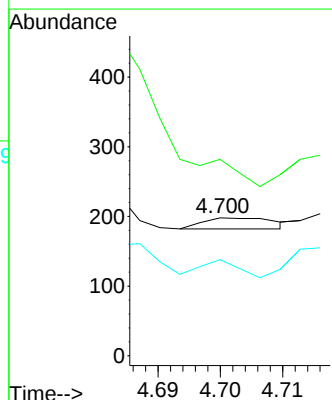
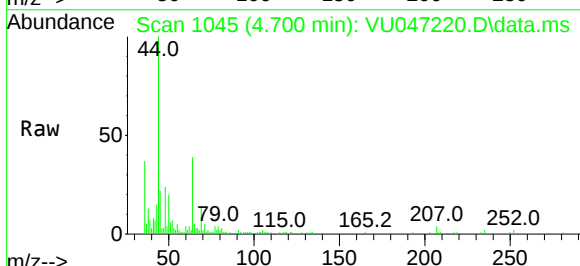
Tgt Ion: 96 Resp: 13

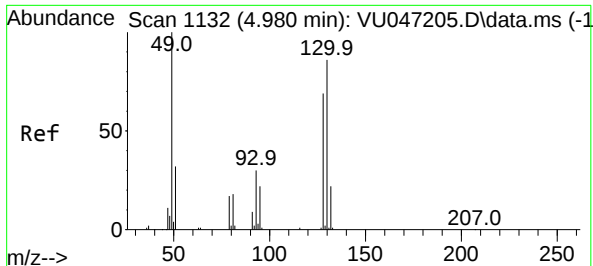
Ion Ratio Lower Upper

96 100

61 142.4 88.5 164.3

98 69.7 44.4 82.5





#23

Bromochloromethane

Concen: 14.630 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047220.D

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ClientSampleId :

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Tgt Ion:128 Resp: 86

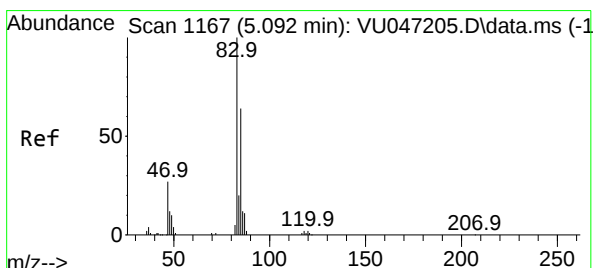
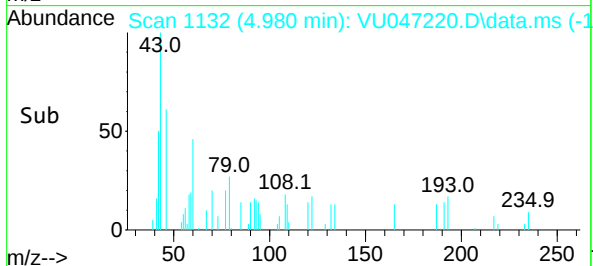
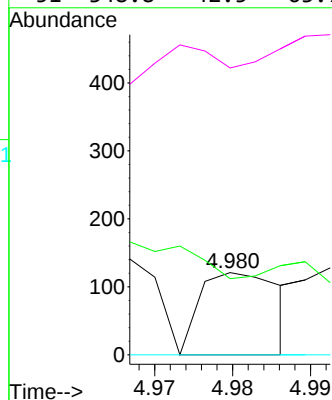
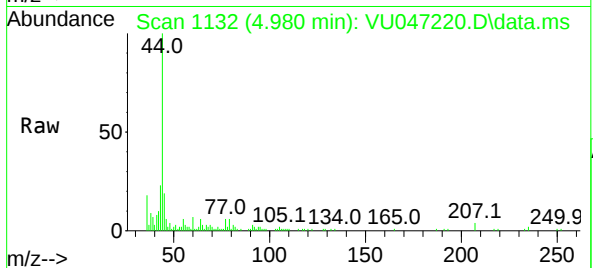
Ion Ratio Lower Upper

128 100

49 92.6 117.0 217.2#

130 0.0 88.2 163.8#

51 348.8 42.5 63.7#



#25

Chloroform

Concen: 6.592 ug/L

RT: 5.057 min Scan# 1156

Delta R.T. -0.035 min

Lab File: VU047220.D

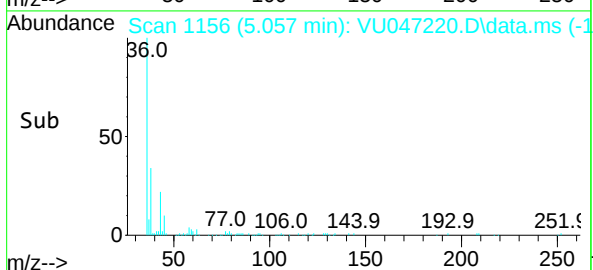
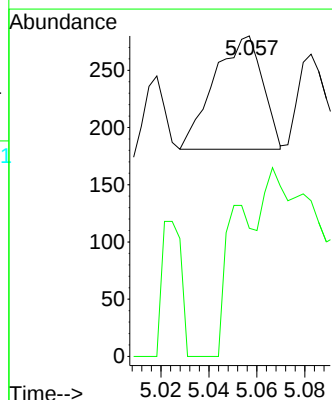
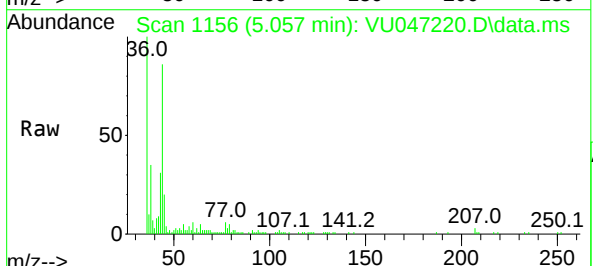
Acq: 17 Feb 2022 21:36

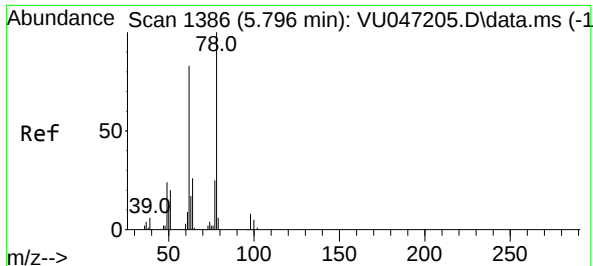
Tgt Ion: 83 Resp: 139

Ion Ratio Lower Upper

83 100

85 40.0 46.9 87.1#





#27

1,2-Dichloroethane

Concen: 1596.069 ug/L

RT: 5.645 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Instrument :

MSVOA\_U

ClientSampleId :

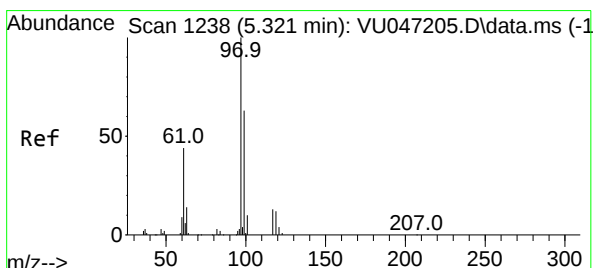
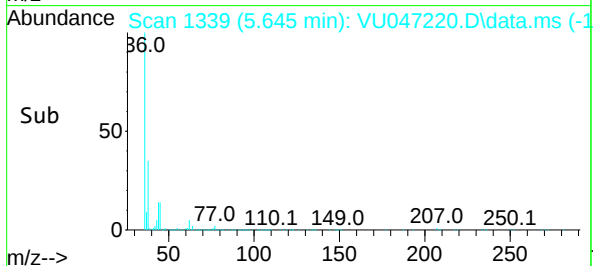
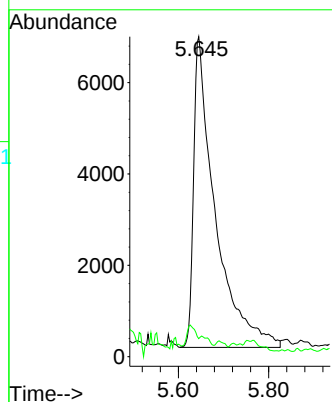
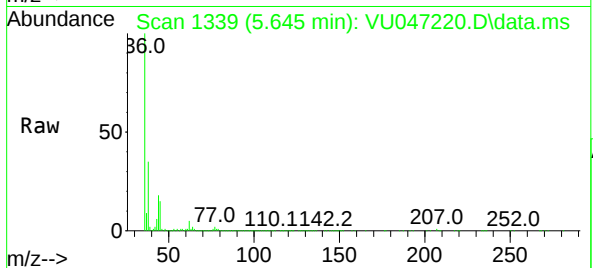
BFY04

Tgt Ion: 62 Resp: 22499

Ion Ratio Lower Upper

62 100

98 5.7 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 20.727 ug/L

RT: 5.337 min Scan# 1243

Delta R.T. 0.016 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

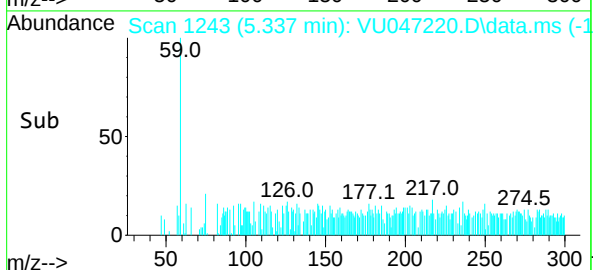
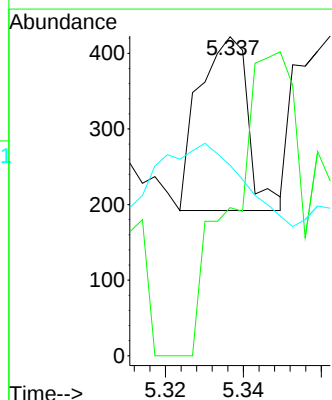
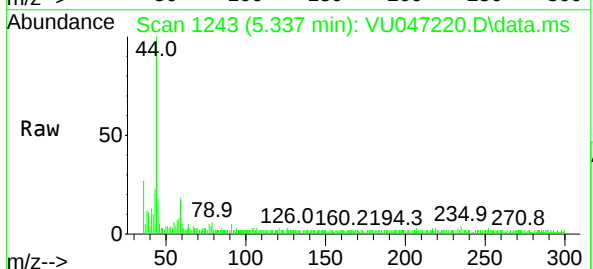
Tgt Ion: 97 Resp: 202

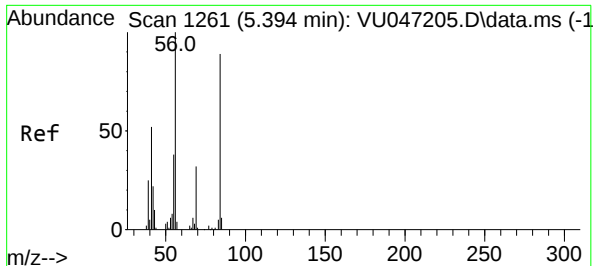
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 200.0 36.1 54.1#

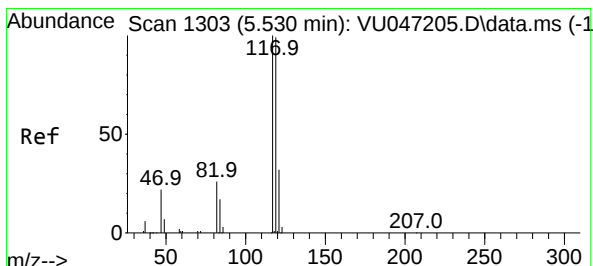
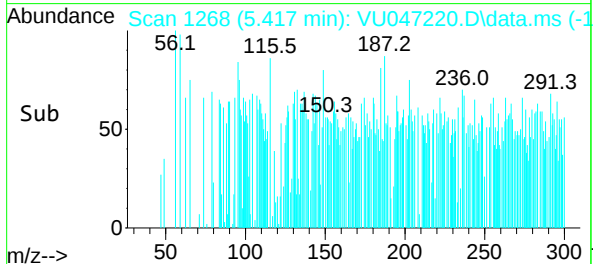
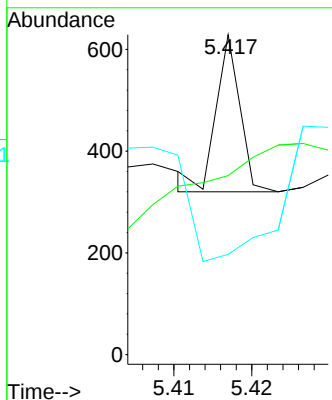
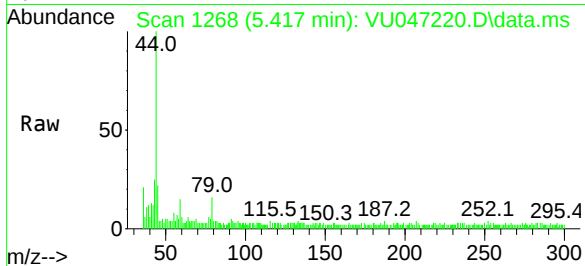




#30  
Cyclohexane  
Concen: 5.923 ug/L  
RT: 5.417 min Scan# 11  
Delta R.T. 0.022 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

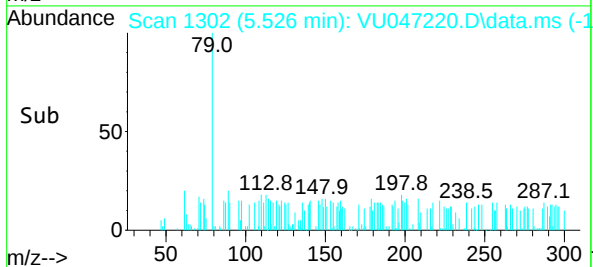
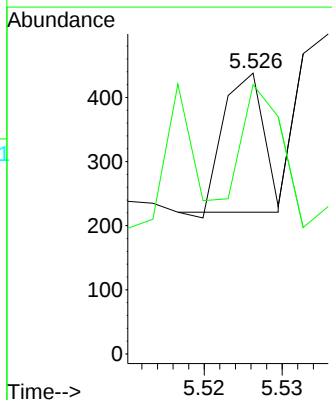
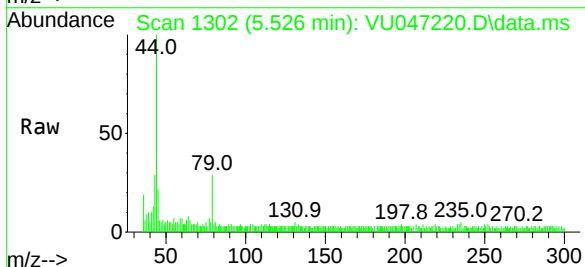
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

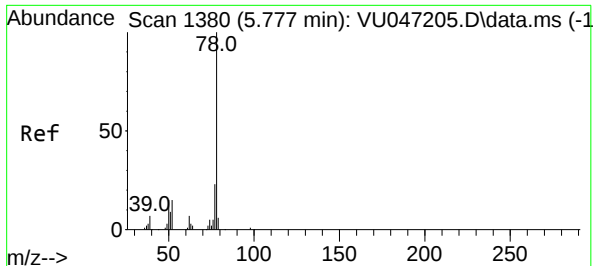
Tgt Ion: 56 Resp: 63  
Ion Ratio Lower Upper  
56 100  
69 638.1 24.7 37.1#  
84 327.0 71.8 107.6#



#31  
Carbon tetrachloride  
Concen: 9.074 ug/L  
RT: 5.526 min Scan# 1302  
Delta R.T. -0.003 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion: 117 Resp: 77  
Ion Ratio Lower Upper  
117 100  
119 85.7 77.5 116.3





#33

Benzene

Concen: 3.676 ug/L

RT: 5.854 min Scan# 14

Delta R.T. 0.077 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

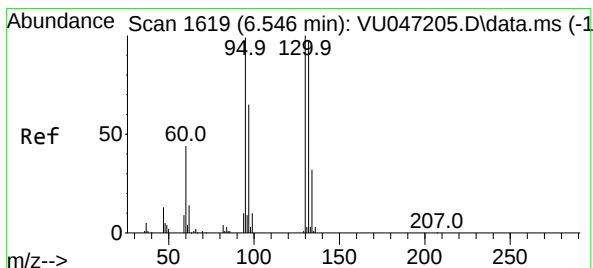
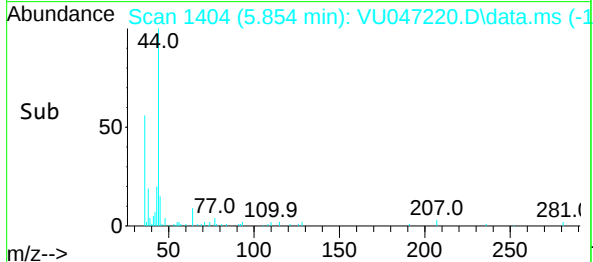
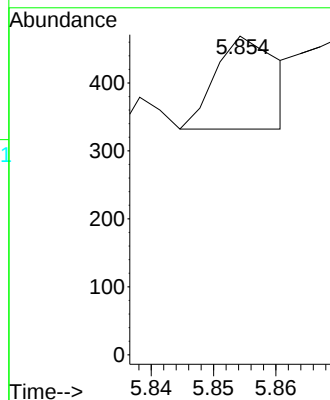
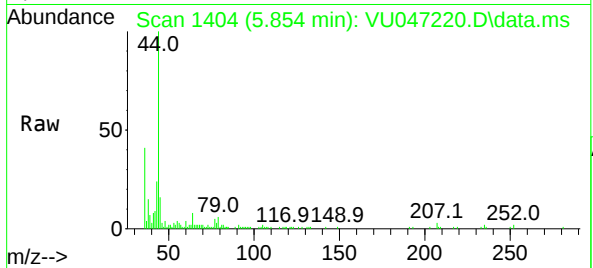
Instrument :

MSVOA\_U

ClientSampleId :

BFY04

Tgt Ion: 78 Resp: 94



#34

Trichloroethene

Concen: 10.409 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.006 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Tgt Ion: 95 Resp: 71

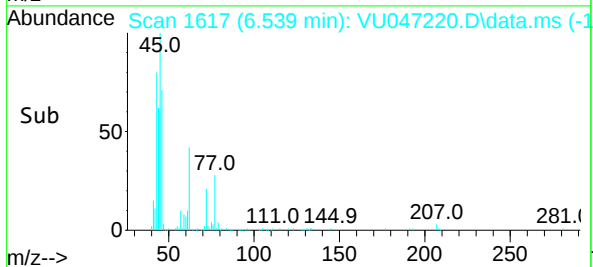
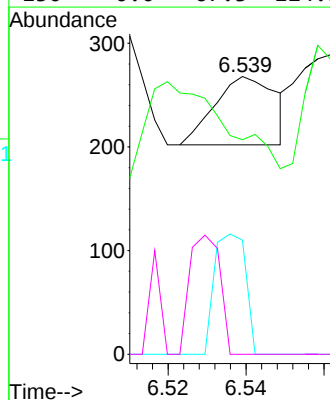
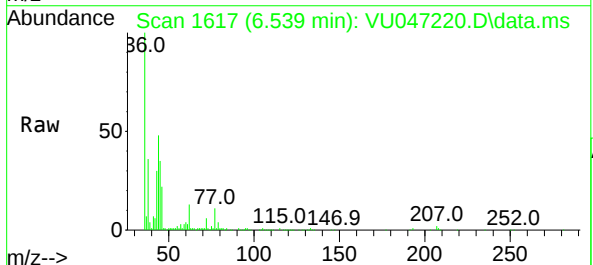
Ion Ratio Lower Upper

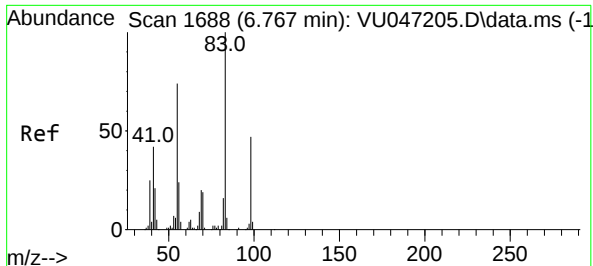
95 100

97 77.2 46.5 86.5

132 41.0 65.1 120.9#

130 0.0 67.3 124.9#





#35

Methylcyclohexane

Concen: 18.244 ug/L

RT: 6.745 min Scan# 1

Delta R.T. -0.023 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Instrument :

MSVOA\_U

ClientSampleId :

BFY04

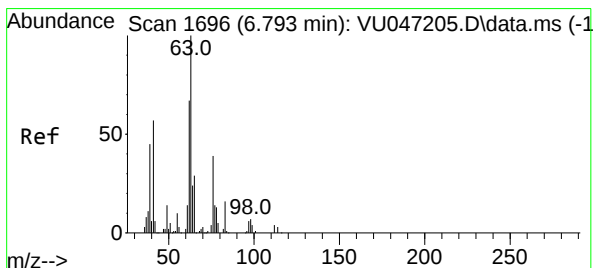
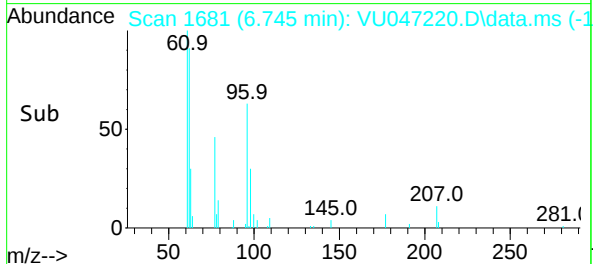
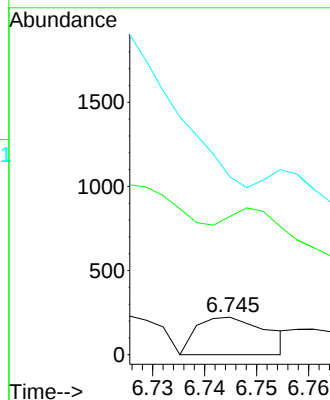
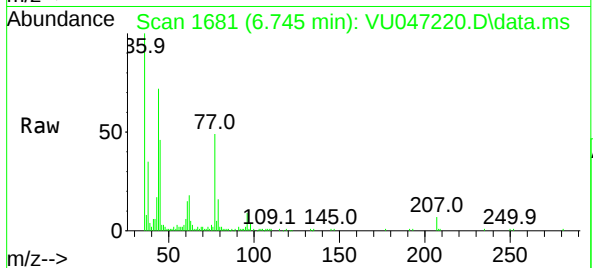
Tgt Ion: 83 Resp: 210

Ion Ratio Lower Upper

83 100

55 119.5 61.9 92.9#

98 0.0 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 149.007 ug/L

RT: 6.835 min Scan# 1709

Delta R.T. 0.042 min

Lab File: VU047220.D

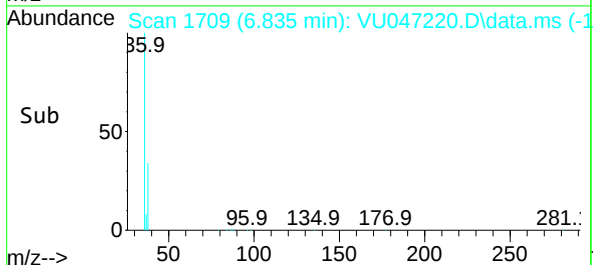
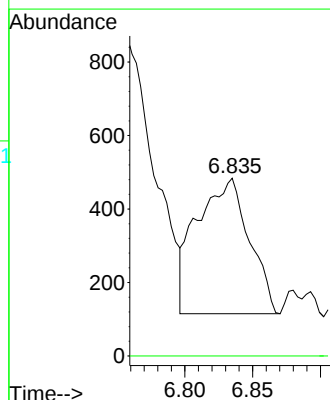
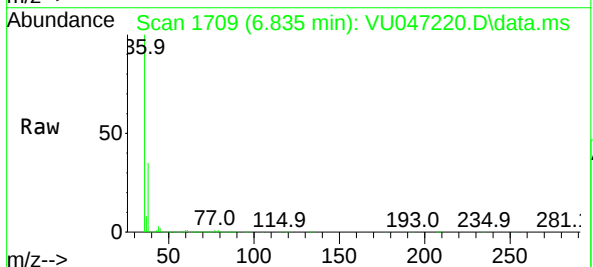
Acq: 17 Feb 2022 21:36

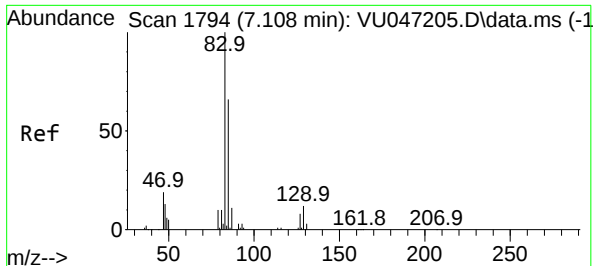
Tgt Ion: 63 Resp: 985

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8

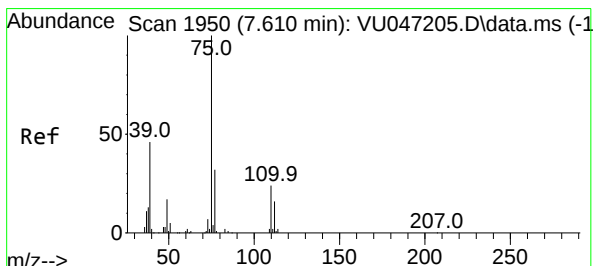
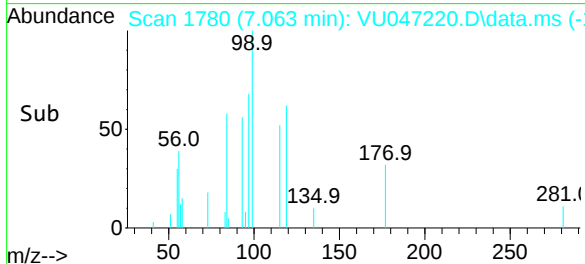
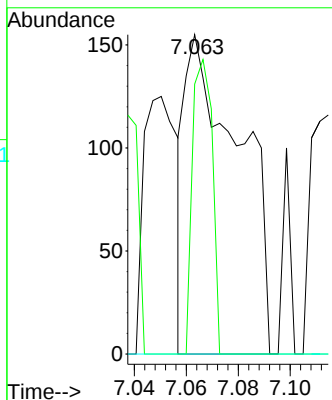
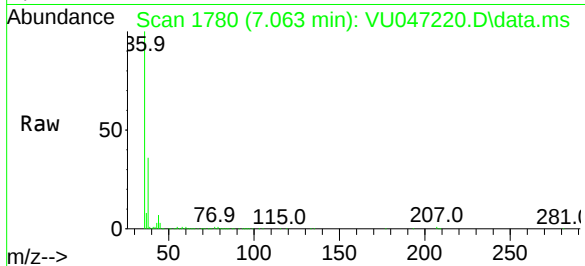




#38  
Bromodichloromethane  
Concen: 26.643 ug/L  
RT: 7.063 min Scan# 11  
Delta R.T. -0.045 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

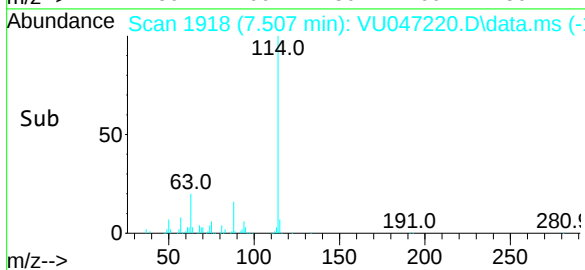
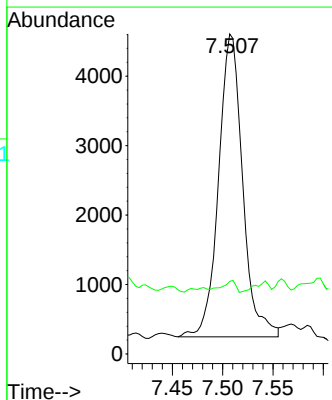
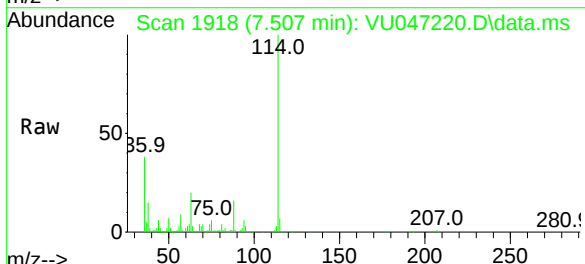
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

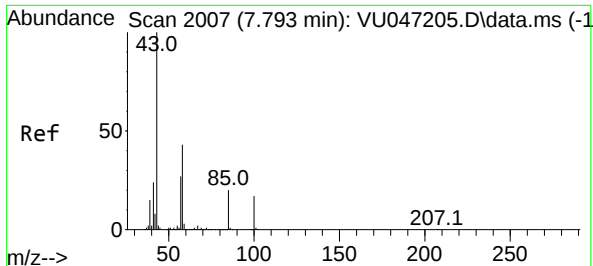
Tgt Ion: 83 Resp: 225  
Ion Ratio Lower Upper  
83 100  
85 84.5 44.0 81.8#  
127 0.0 6.3 9.5#



#39  
cis-1,3-Dichloropropene  
Concen: 708.295 ug/L  
RT: 7.507 min Scan# 1918  
Delta R.T. -0.103 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion: 75 Resp: 7281  
Ion Ratio Lower Upper  
75 100  
77 22.7 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 2907.266 ug/L

RT: 7.754 min Scan# 19

Delta R.T. -0.039 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Instrument :

MSVOA\_U

ClientSampleId :

BFY04

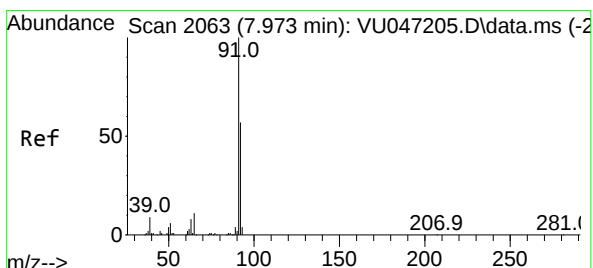
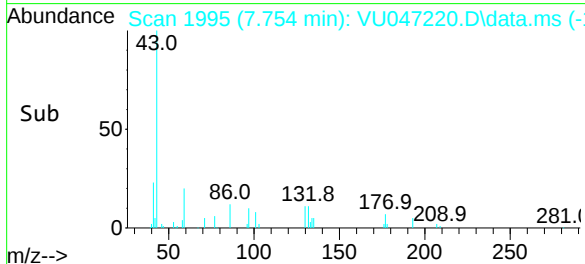
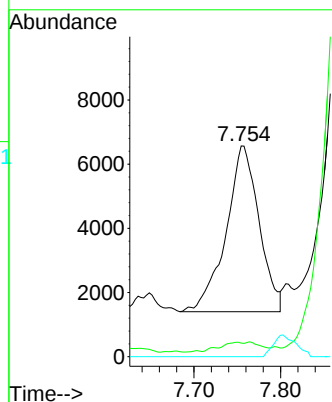
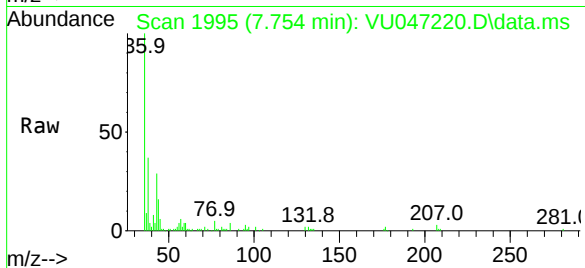
Tgt Ion: 43 Resp: 13713

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#

100 8.9 13.2 19.8#



#42

Toluene

Concen: 9.274 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU047220.D

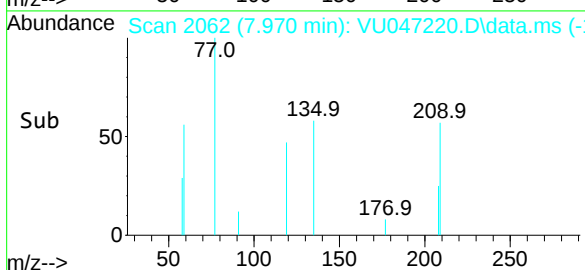
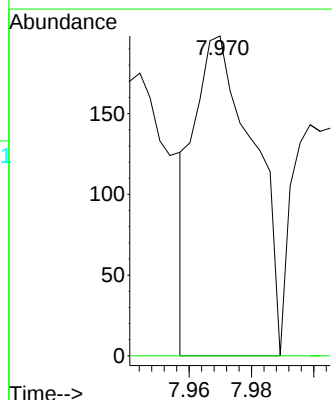
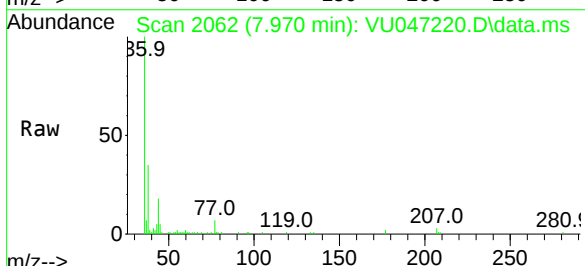
Acq: 17 Feb 2022 21:36

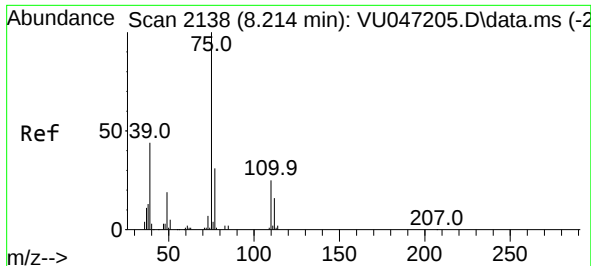
Tgt Ion: 91 Resp: 264

Ion Ratio Lower Upper

91 100

92 0.0 41.3 76.7#

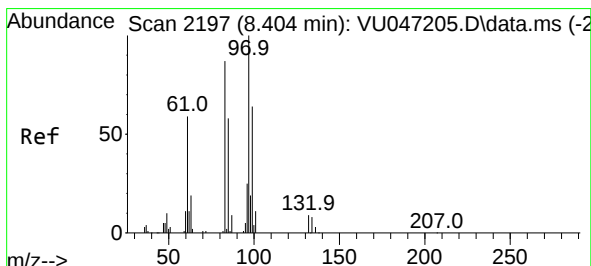
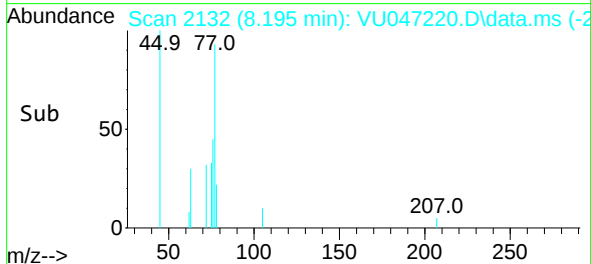
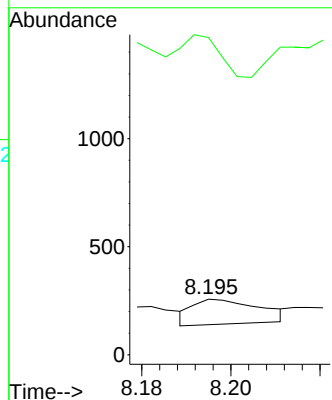
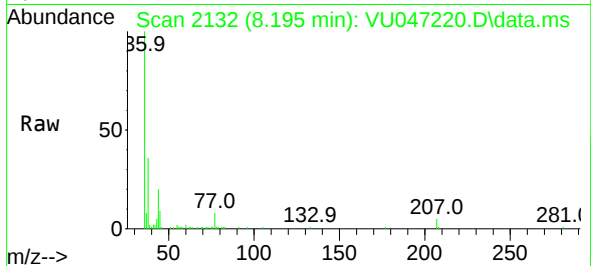




#44  
trans-1,3-Dichloropropene  
Concen: 13.066 ug/L  
RT: 8.195 min Scan# 2138  
Delta R.T. -0.019 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

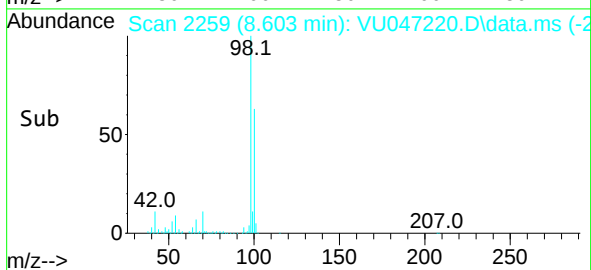
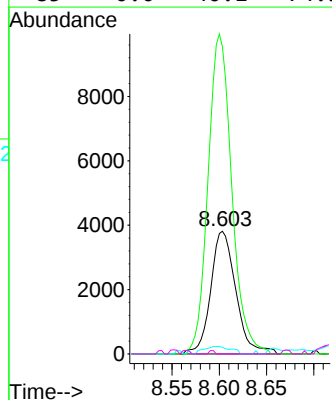
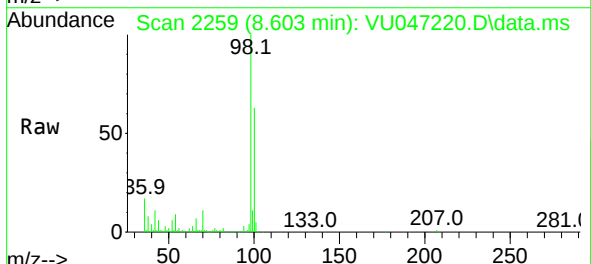
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

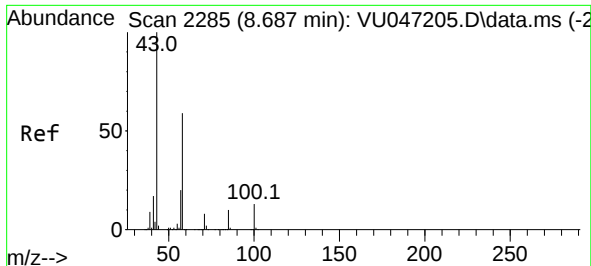
Tgt Ion: 75 Resp: 121  
Ion Ratio Lower Upper  
75 100  
77 571.2 22.7 42.3#



#45  
1,1,2-Trichloroethane  
Concen: 1374.429 ug/L  
RT: 8.603 min Scan# 2259  
Delta R.T. 0.199 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion: 97 Resp: 7055  
Ion Ratio Lower Upper  
97 100  
99 250.2 42.3 78.5#  
83 5.4 62.0 115.2#  
85 0.0 40.1 74.5#

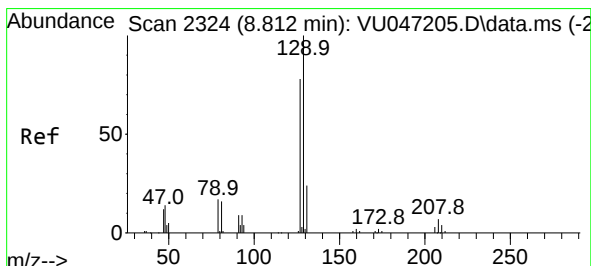
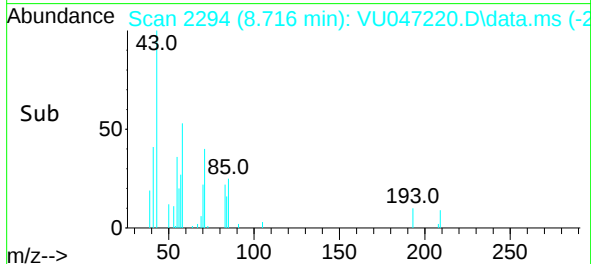
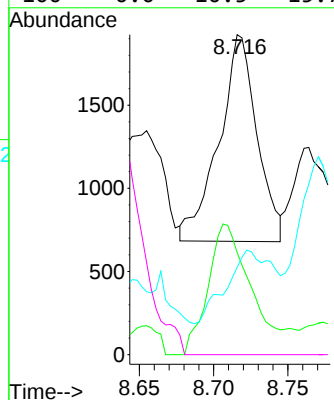
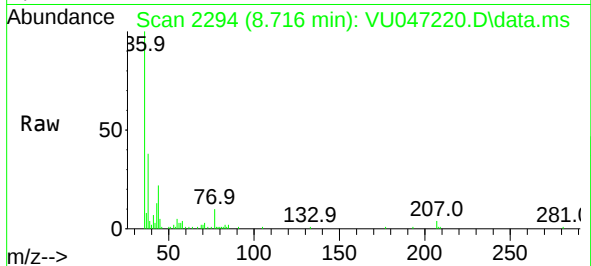




#48  
2-Hexanone  
Concen: 632.746 ug/L  
RT: 8.716 min Scan# 2119  
Delta R.T. 0.029 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

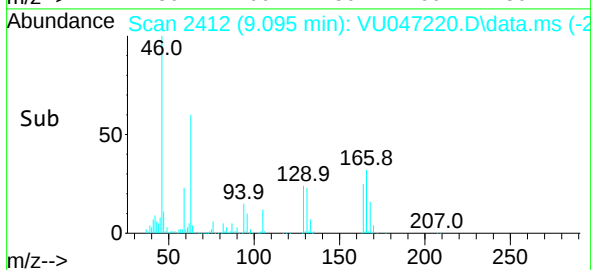
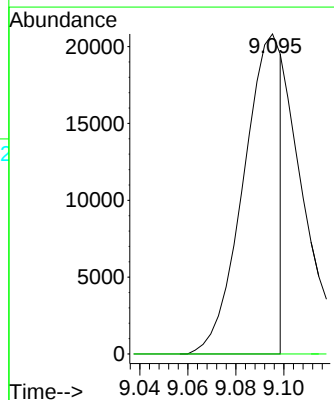
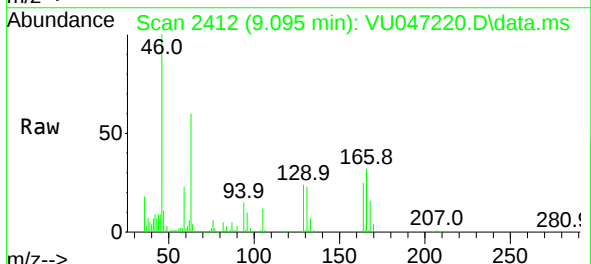
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

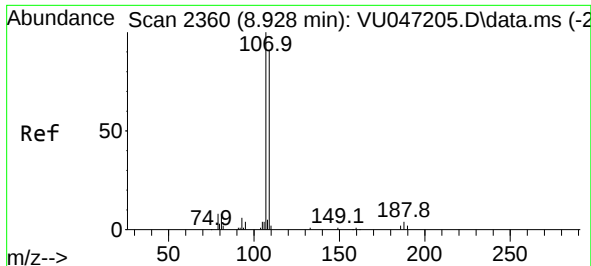
Tgt Ion: 43 Resp: 2219  
Ion Ratio Lower Upper  
43 100  
58 69.7 46.7 70.1  
57 43.2 16.3 24.5#  
100 0.0 10.5 15.7#



#49  
Dibromochloromethane  
Concen: 3715.327 ug/L  
RT: 9.095 min Scan# 2412  
Delta R.T. 0.283 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion: 129 Resp: 22974  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.4 102.8#

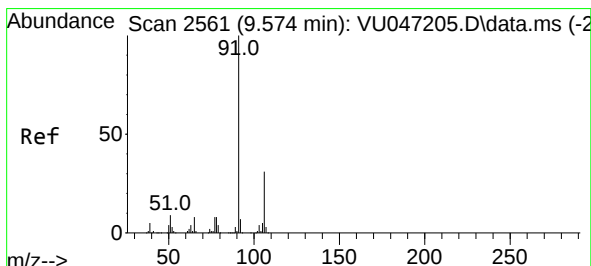
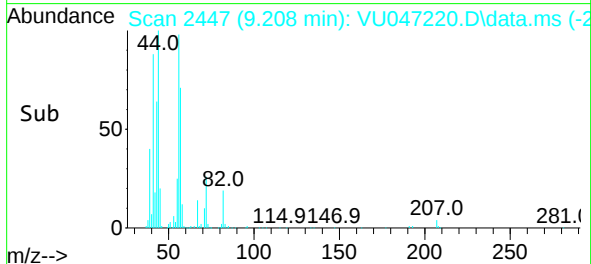
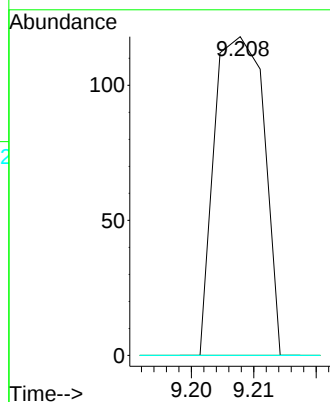
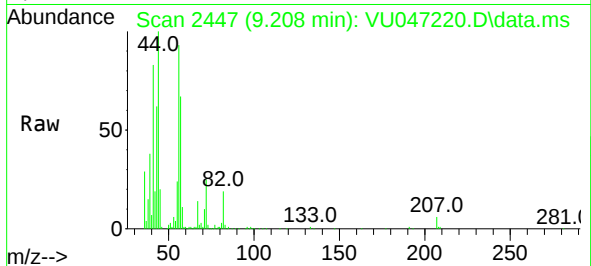




#50  
1,2-Dibromoethane  
Concen: 12.555 ug/L  
RT: 9.208 min Scan# 2447  
Delta R.T. 0.280 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

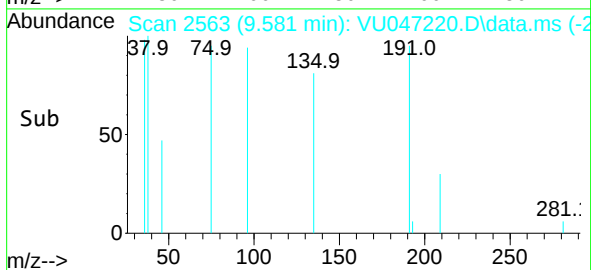
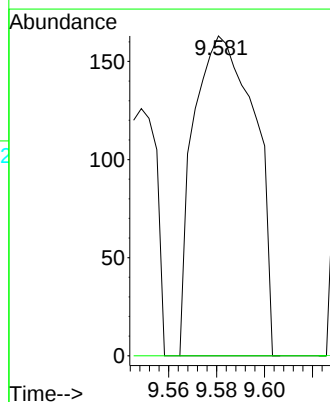
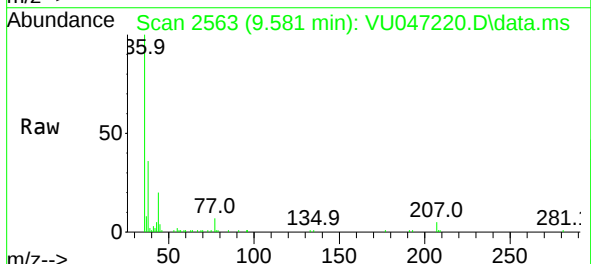
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

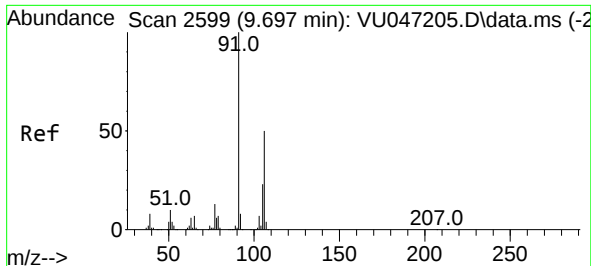
Tgt Ion:107 Resp: 65  
Ion Ratio Lower Upper  
107 100  
109 0.0 64.0 119.0#  
188 0.0 2.4 3.6#



#52  
Ethylbenzene  
Concen: 9.200 ug/L  
RT: 9.581 min Scan# 2563  
Delta R.T. 0.006 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion: 91 Resp: 287  
Ion Ratio Lower Upper  
91 100  
106 0.0 21.5 39.9#

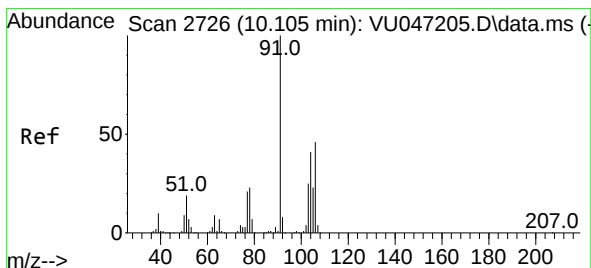
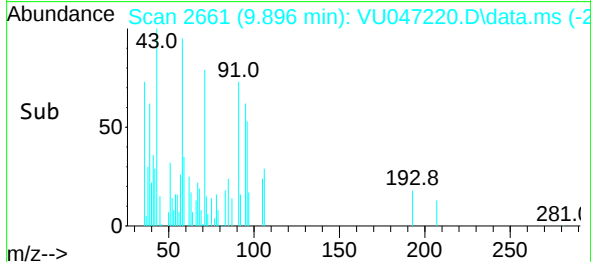
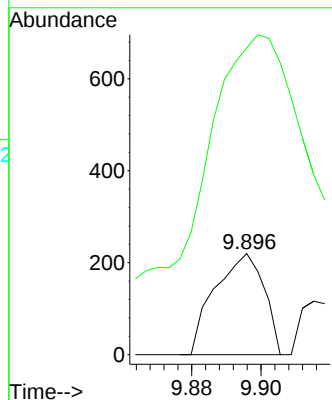
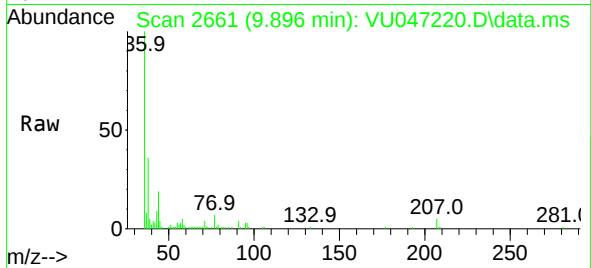




#53  
m,p-Xylene  
Concen: 17.718 ug/L  
RT: 9.896 min Scan# 217  
Delta R.T. 0.199 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

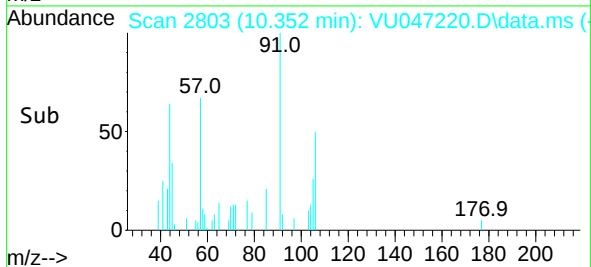
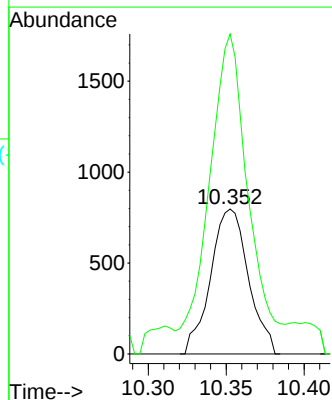
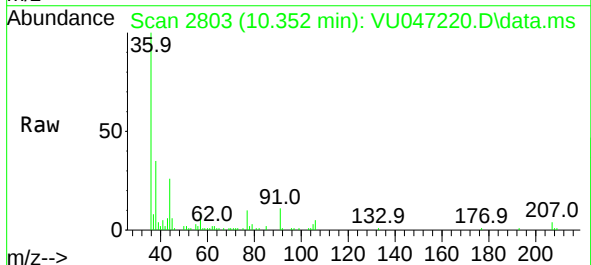
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

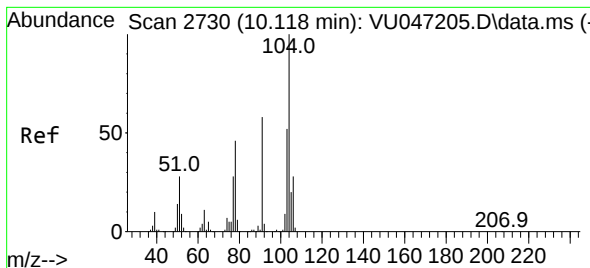
Tgt Ion:106 Resp: 217  
Ion Ratio Lower Upper  
106 100  
91 303.2 139.4 259.0#



#54  
o-Xylene  
Concen: 112.930 ug/L  
RT: 10.352 min Scan# 2803  
Delta R.T. 0.248 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion:106 Resp: 1347  
Ion Ratio Lower Upper  
106 100  
91 220.8 147.5 273.9





#55

Styrene

Concen: 26.360 ug/L

RT: 10.365 min Scan# 21

Delta R.T. 0.248 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Instrument :

MSVOA\_U

ClientSampleId :

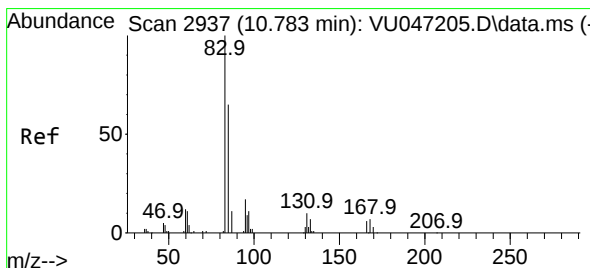
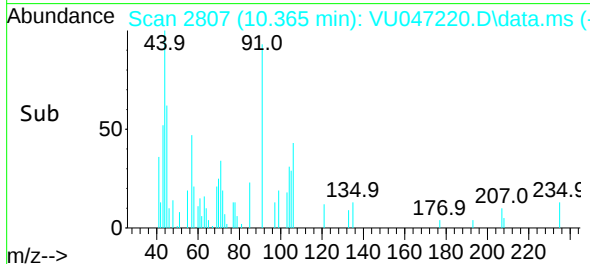
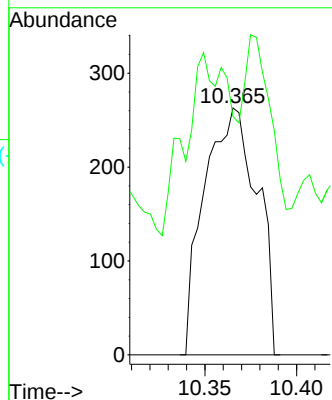
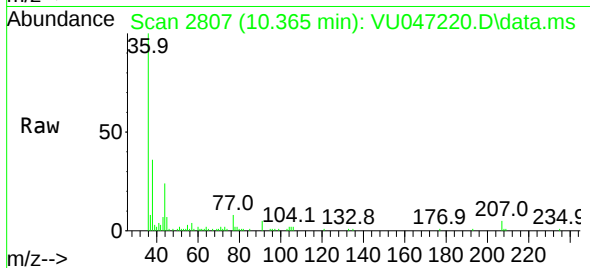
BFY04

Tgt Ion:104 Resp: 526

Ion Ratio Lower Upper

104 100

78 96.6 33.0 61.4#



#57

1,1,2,2-Tetrachloroethane

Concen: 62.115 ug/L

RT: 10.742 min Scan# 2924

Delta R.T. -0.042 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

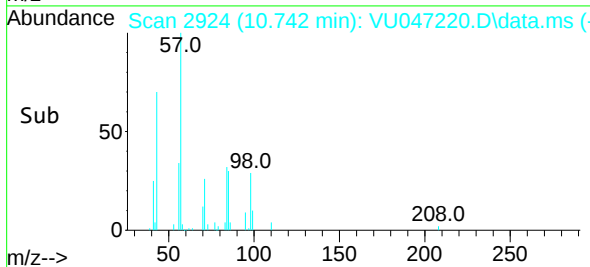
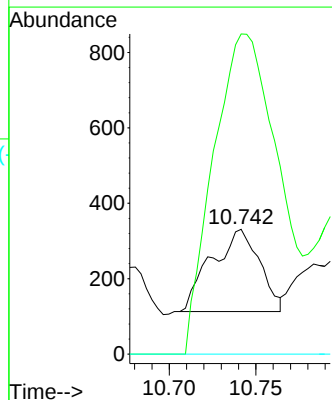
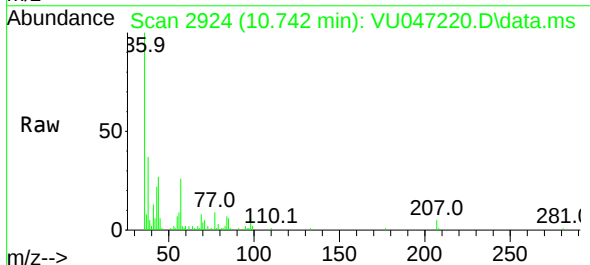
Tgt Ion: 83 Resp: 422

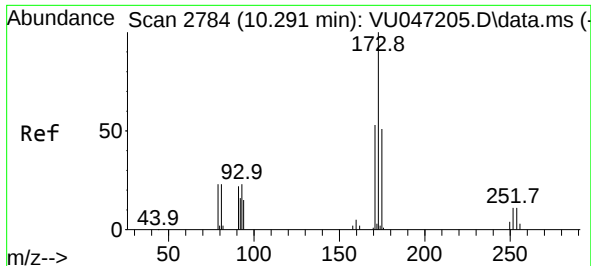
Ion Ratio Lower Upper

83 100

85 256.5 47.9 89.1#

131 0.0 8.1 12.1#

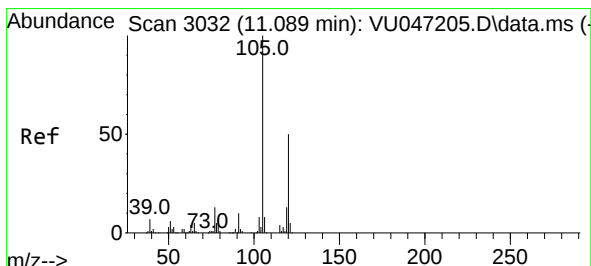
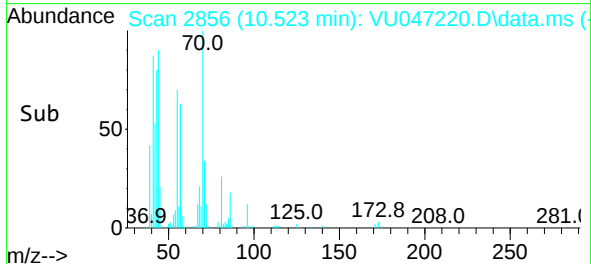
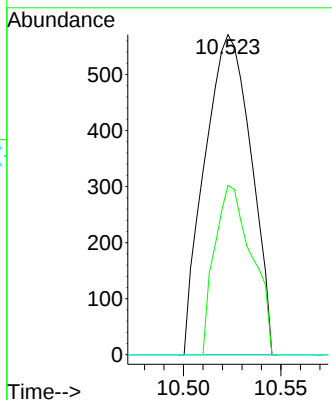
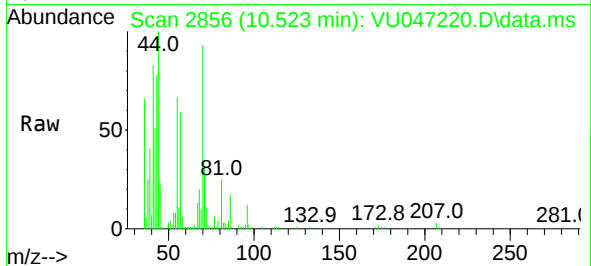




#59  
Bromoform  
Concen: 0.265 ug/L  
RT: 10.523 min Scan# 21  
Delta R.T. 0.231 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

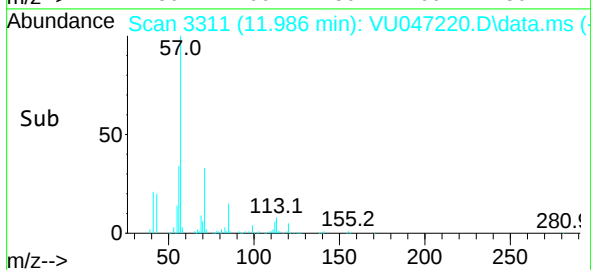
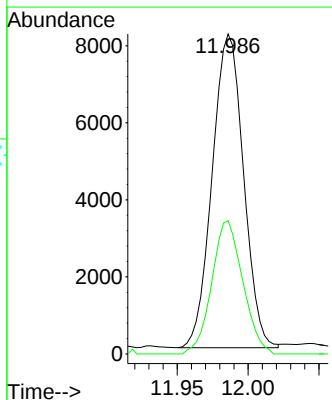
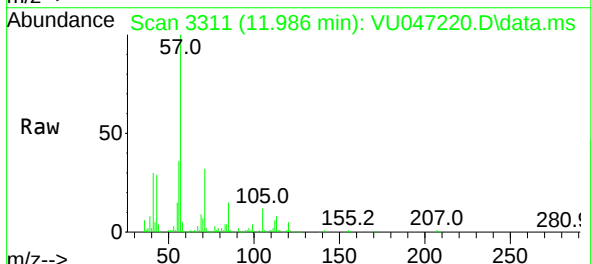
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

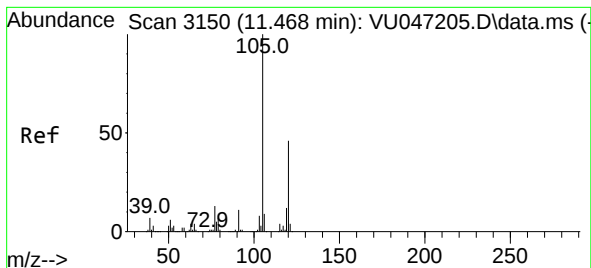
Tgt Ion:173 Resp: 945  
Ion Ratio Lower Upper  
173 100  
175 42.4 37.8 56.6  
254 0.0 7.3 10.9#



#62  
1,3,5-Trimethylbenzene  
Concen: 0.652 ug/L  
RT: 11.986 min Scan# 3311  
Delta R.T. 0.897 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion:105 Resp: 12528  
Ion Ratio Lower Upper  
105 100  
120 42.0 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 0.507 ug/L

RT: 11.986 min Scan# 3150

Delta R.T. 0.518 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

Instrument :

MSVOA\_U

ClientSampleId :

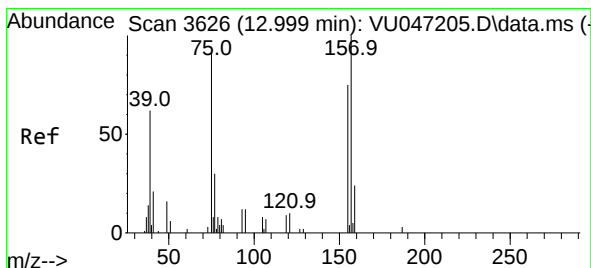
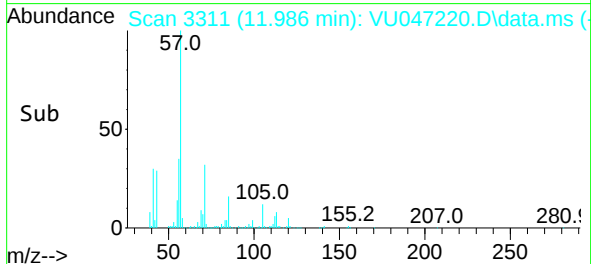
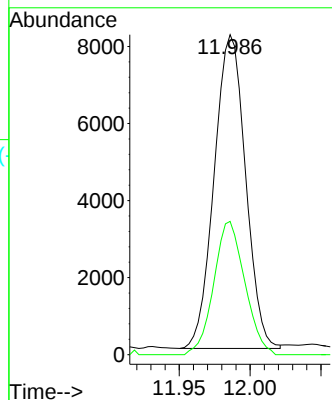
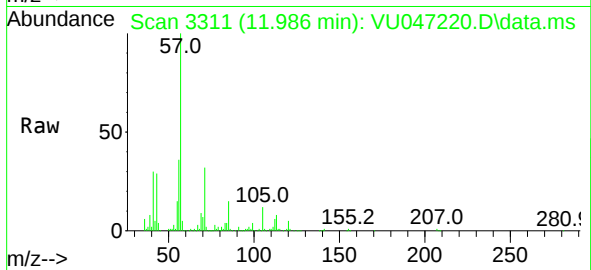
BFY04

Tgt Ion:105 Resp: 12528

Ion Ratio Lower Upper

105 100

120 42.0 35.8 53.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.217 ug/L

RT: 13.012 min Scan# 3630

Delta R.T. 0.013 min

Lab File: VU047220.D

Acq: 17 Feb 2022 21:36

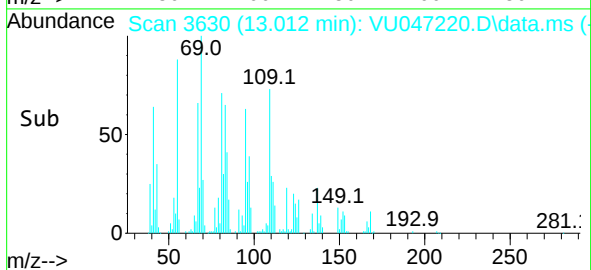
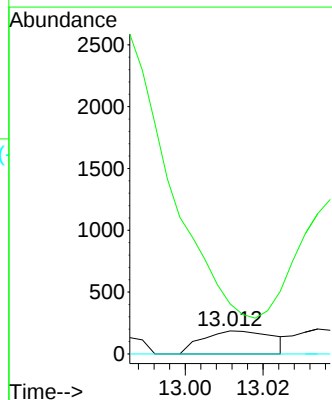
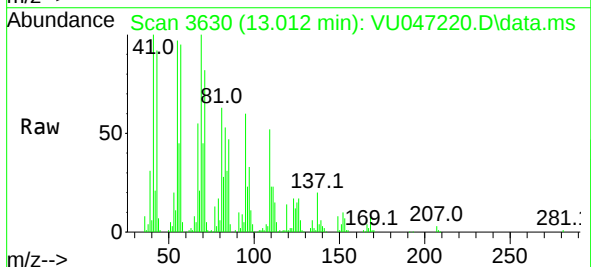
Tgt Ion: 75 Resp: 235

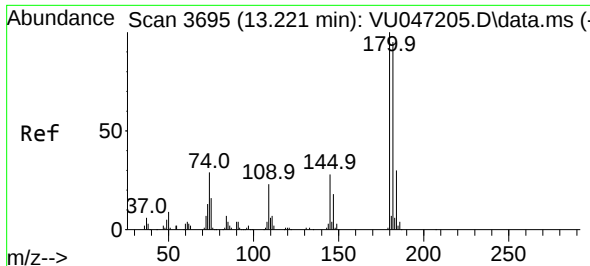
Ion Ratio Lower Upper

75 100

155 217.7 59.2 88.8#

157 0.0 76.5 114.7#

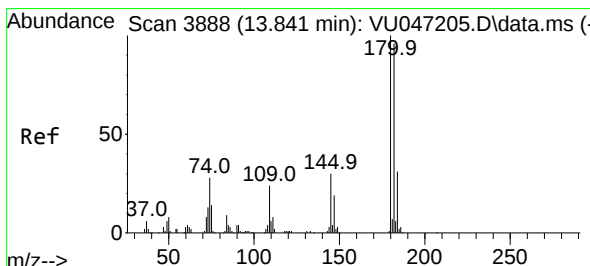
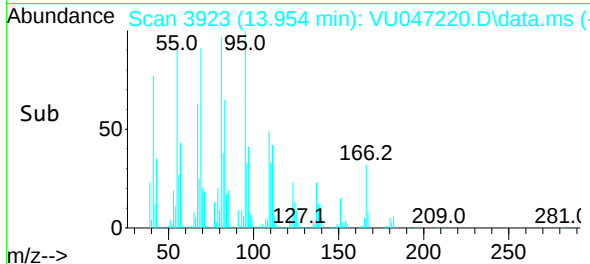
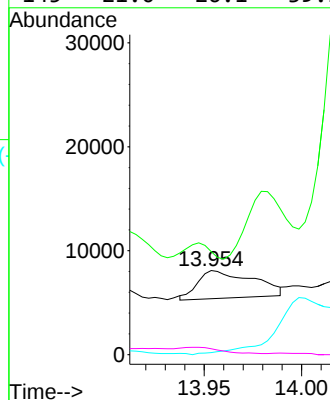
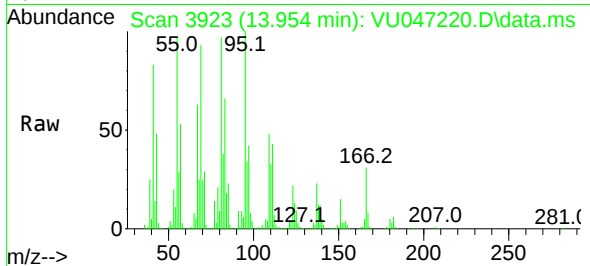




#69  
 1,3,5-Trichlorobenzene  
 Concen: 0.464 ug/L  
 RT: 13.954 min Scan# 3923  
 Delta R.T. 0.733 min  
 Lab File: VU047220.D  
 Acq: 17 Feb 2022 21:36

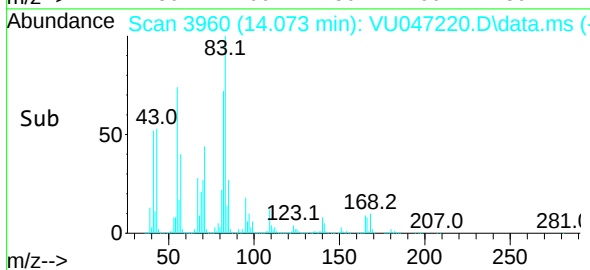
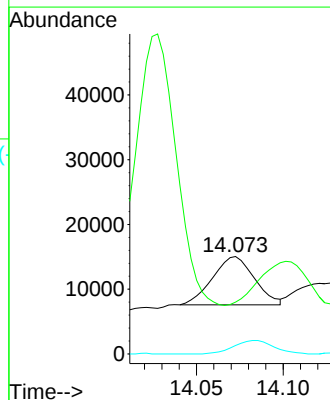
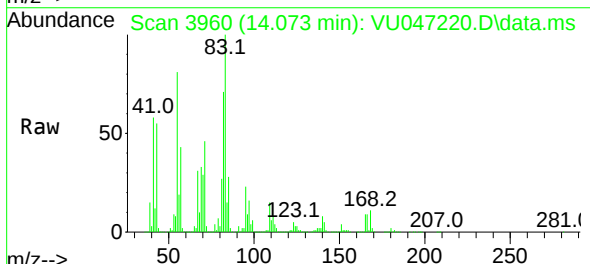
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFY04

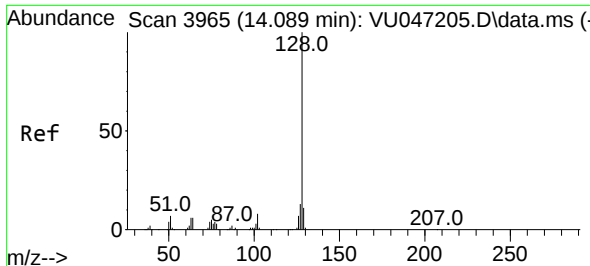
Tgt Ion:180 Resp: 5313  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 76.1 114.1#  
 184 0.0 25.0 37.4#  
 145 21.0 26.1 39.1#



#70  
 1,2,4-trichlorobenzene  
 Concen: 1.176 ug/L  
 RT: 14.073 min Scan# 3960  
 Delta R.T. 0.231 min  
 Lab File: VU047220.D  
 Acq: 17 Feb 2022 21:36

Tgt Ion:180 Resp: 12545  
 Ion Ratio Lower Upper  
 180 100  
 182 97.4 76.4 114.6  
 145 26.7 25.6 38.4

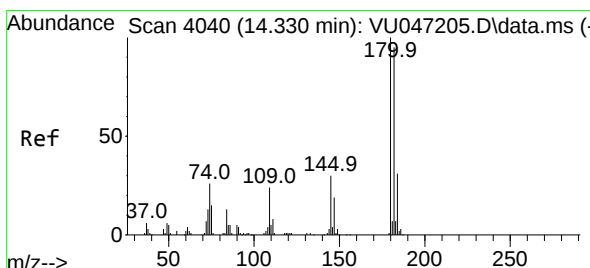
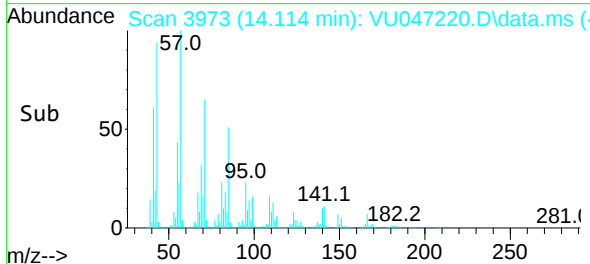
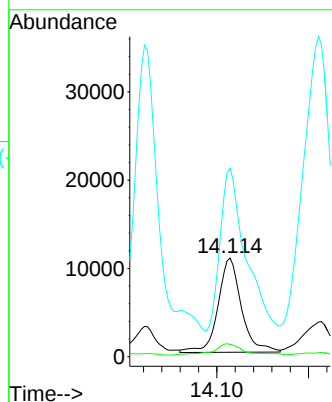
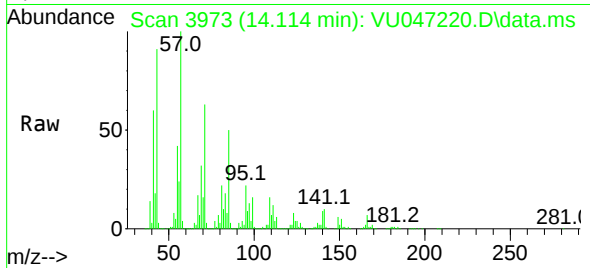




#71  
Naphthalene  
Concen: 0.859 ug/L  
RT: 14.114 min Scan# 3965  
Delta R.T. 0.026 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFY04

Tgt Ion:128 Resp: 18911  
Ion Ratio Lower Upper  
128 100  
129 14.9 8.4 12.6#  
127 187.6 10.2 15.2#



#72  
1,2,3-Trichlorobenzene  
Concen: 8.819 ug/L  
RT: 14.301 min Scan# 4031  
Delta R.T. -0.029 min  
Lab File: VU047220.D  
Acq: 17 Feb 2022 21:36

Tgt Ion:180 Resp: 88495  
Ion Ratio Lower Upper  
180 100  
182 43.4 76.2 114.4#  
145 0.7 28.4 42.6#

