

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082922\  
 Data File : VU050474.D  
 Acq On : 29 Aug 2022 10:57  
 Operator : SY/MD  
 Sample : VU0829WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK169

Quant Time: Aug 29 13:39:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM082422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 27 02:44:18 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|--------|-----------|
| -----                         |         |       |          |          |        |           |
| Internal Standards            |         |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.256   | 114   | 1028     | 50.000   | ug/L   | # 0.00    |
| 28) Chlorobenzene-d5          | 9.423   | 117   | 1246     | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.816  | 152   | 1856     | 50.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.851   | 65    | 121      | 9.954    | ug/L   | 0.25      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 19.900%#  |
| 7) Chloroethane-d5            | 0.000   | 69    | 0        | 0.000    | ug/L   |           |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 0.000%#   |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 87       | 5.065    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 10.120%#  |
| 21) 2-Butanone-d5             | 0.000   | 46    | 0        | 0.000    | ug/L   |           |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 0.000%#   |
| 24) Chloroform-d              | 0.000   | 84    | 0        | 0.000    | ug/L   |           |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 0.000%#   |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 1268     | 104.559  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 209.120%# |
| 32) Benzene-d6                | 5.729   | 84    | 586      | 12.728   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 25.460%#  |
| 36) 1,2-Dichloropropane-d6    | 0.000   | 67    | 0        | 0.000    | ug/L   |           |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 0.000%#   |
| 41) Toluene-d8                | 7.899   | 98    | 1469     | 36.465   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 72.940%#  |
| 43) trans-1,3-Dichloroprop... | 0.000   | 79    | 0        | 0.000    | ug/L   |           |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 0.000%#   |
| 47) 2-Hexanone-d5             | 0.000   | 63    | 0        | 0.000    | ug/L   |           |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 0.000%#   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 565      | 24.018   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 48.040%#  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 1389     | 31.329   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 62.660%#  |
| Target Compounds              |         |       |          |          |        |           |
|                               |         |       |          |          | Qvalue |           |
| 3) Chloromethane              | 1.517   | 50    | 1365     | 145.958  | ug/L   | 91        |
| 5) Vinyl chloride             | 1.601   | 62    | 110      | 12.029   | ug/L   | # 1       |
| 6) Bromomethane               | 1.855   | 94    | 443      | 131.009  | ug/L   | 92        |
| 8) Chloroethane               | 1.922   | 64    | 110      | 19.800   | ug/L   | # 43      |
| 13) Acetone                   | 2.636   | 43    | 2841     | 543.086  | ug/L   | 80        |
| 14) Carbon disulfide          | 2.790   | 76    | 1547     | 96.134   | ug/L   | # 84      |
| 15) Methyl Acetate            | 2.964   | 43    | 64       | 6.800    | ug/L   | # 48      |
| 16) Methylene chloride        | 3.041   | 84    | 1661     | 188.994  | ug/L   | # 72      |
| 17) trans-1,2-Dichloroethene  | 3.356   | 96    | 240      | 36.204   | ug/L   | # 29      |
| 20) cis-1,2-Dichloroethene    | 4.674   | 96    | 83       | 10.455   | ug/L   | # 57      |
| 22) 2-Butanone                | 4.739   | 43    | 2099     | 296.064  | ug/L   | # 57      |
| 25) Chloroform                | 5.092   | 83    | 150      | 9.804    | ug/L   | 93        |
| 27) 1,2-Dichloroethane        | 5.790   | 62    | 45       | 3.943    | ug/L   | # 75      |
| 33) Benzene                   | 5.777   | 78    | 581      | 15.401   | ug/L   | 100       |
| 34) Trichloroethene           | 6.539   | 95    | 323      | 36.171   | ug/L   | # 70      |
| 39) cis-1,3-Dichloropropene   | 7.607   | 75    | 62       | 4.309    | ug/L   | # 42      |
| 40) 4-Methyl-2-pentanone      | 7.800   | 43    | 2521     | 173.122  | ug/L   | # 86      |
| 42) Toluene                   | 7.980   | 91    | 550      | 14.470   | ug/L   | # 64      |
| 44) trans-1,3-Dichloropropene | 8.218   | 75    | 70       | 5.219    | ug/L   | # 3       |

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 Sample : VU0829WBL01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK169

Quant Time: Aug 29 13:39:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM082422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 27 02:44:18 2022  
 Response via : Initial Calibration

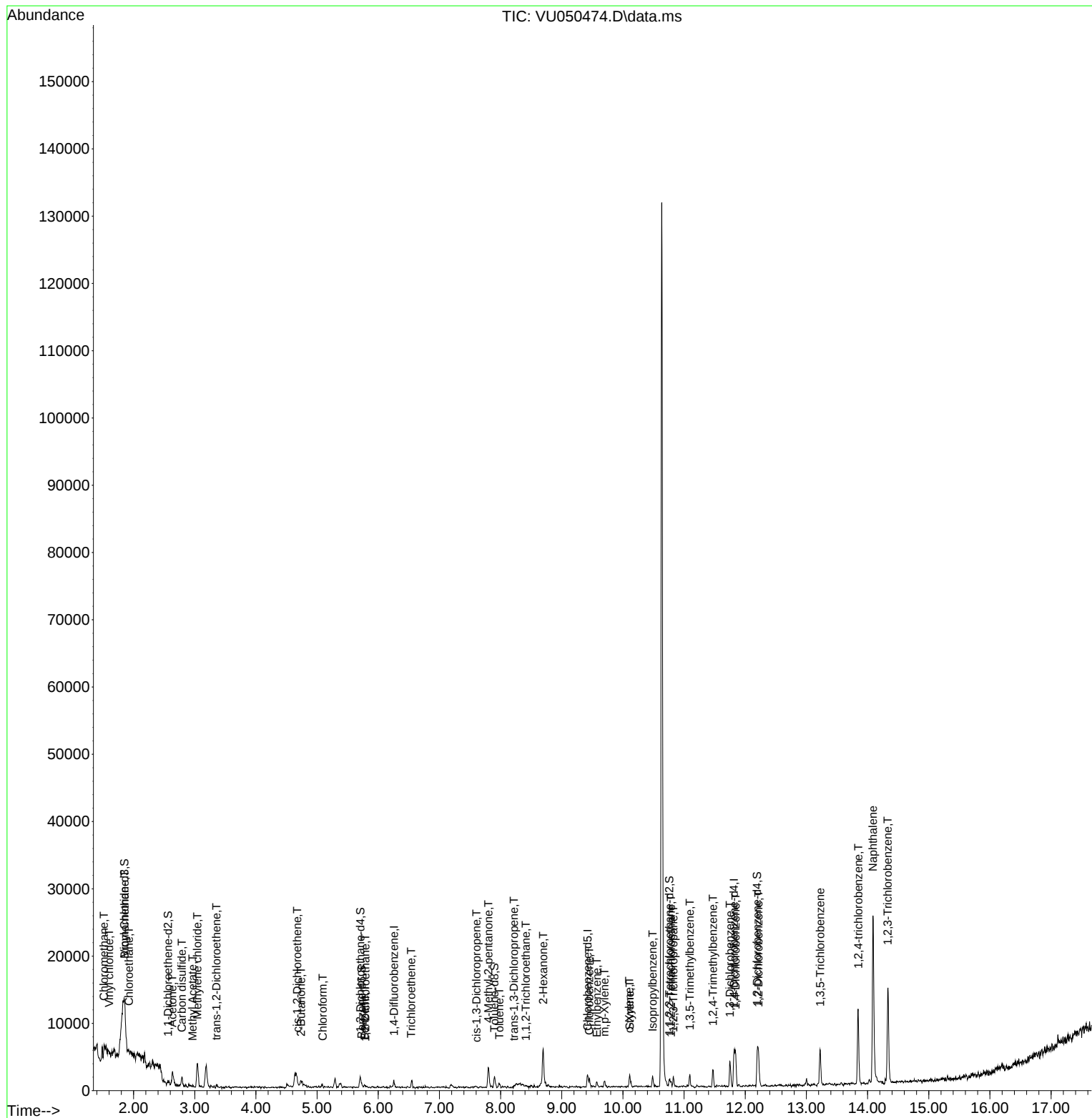
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 45) 1,1,2-Trichloroethane     | 8.411  | 97   | 39       | 3.617   | ug/L # | 15       |
| 48) 2-Hexanone                | 8.697  | 43   | 4253     | 349.726 | ug/L # | 86       |
| 51) Chlorobenzene             | 9.449  | 112  | 776      | 31.111  | ug/L # | 92       |
| 52) Ethylbenzene              | 9.574  | 91   | 978      | 25.530  | ug/L   | 95       |
| 53) m,p-Xylene                | 9.700  | 106  | 333      | 23.277  | ug/L   | 84       |
| 54) o-Xylene                  | 10.105 | 106  | 243      | 17.097  | ug/L   | 84       |
| 55) Styrene                   | 10.111 | 104  | 304      | 12.570  | ug/L   | 92       |
| 57) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 534      | 27.103  | ug/L # | 89       |
| 60) 1,2,3-Trichloropropane    | 10.825 | 75   | 802      | 16.768  | ug/L # | 91       |
| 61) Isopropylbenzene          | 10.484 | 105  | 1284     | 11.185  | ug/L # | 94       |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 1469     | 15.848  | ug/L # | 81       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 2016     | 22.299  | ug/L # | 63       |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 1937     | 34.509  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.844 | 146  | 2558     | 45.251  | ug/L # | 86       |
| 67) 1,2-Dichlorobenzene       | 12.217 | 146  | 2267     | 38.406  | ug/L   | 98       |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 2384     | 61.614  | ug/L   | 95       |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 4053     | 130.797 | ug/L   | 98       |
| 71) Naphthalene               | 14.089 | 128  | 23579    | 231.968 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 5463     | 161.309 | ug/L   | 99       |
| -----                         |        |      |          |         |        |          |

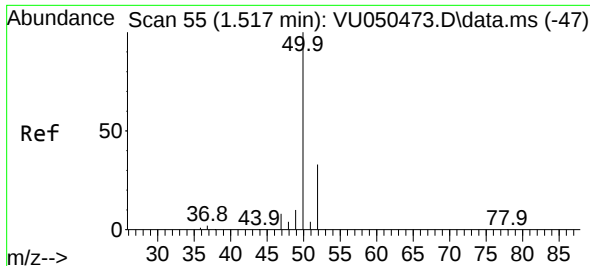
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Quant Title : VOC Analysis  
QLast Update : Sat Aug 27 02:44:18 2022  
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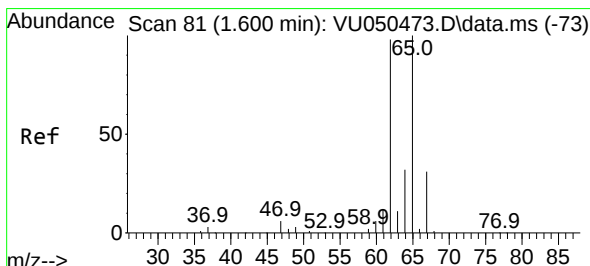
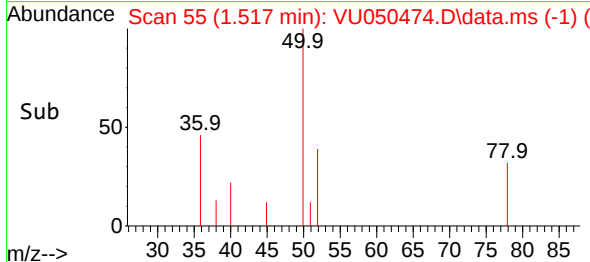
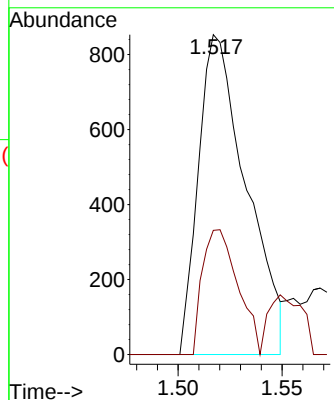
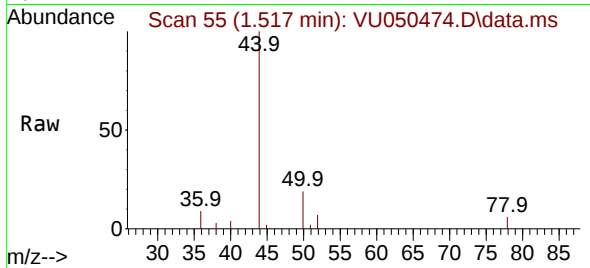




#3  
Chloromethane  
Concen: 145.958 ug/L  
RT: 1.517 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

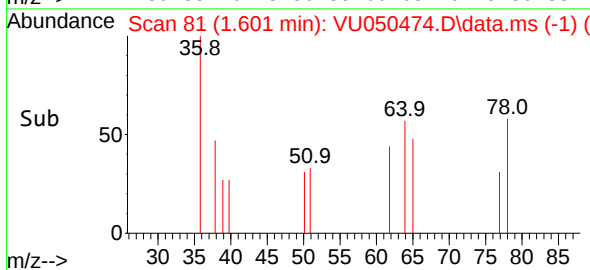
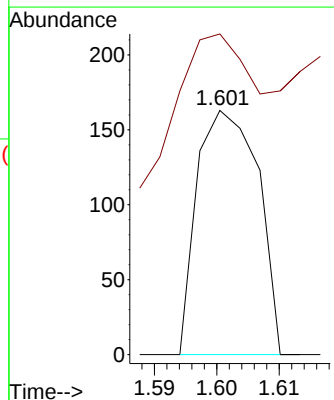
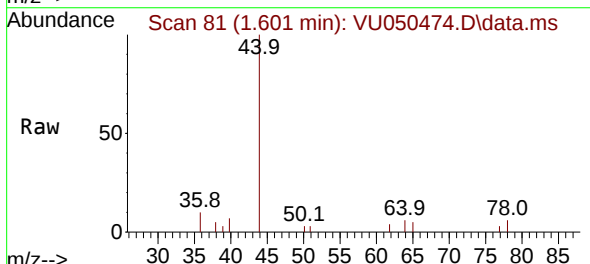
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

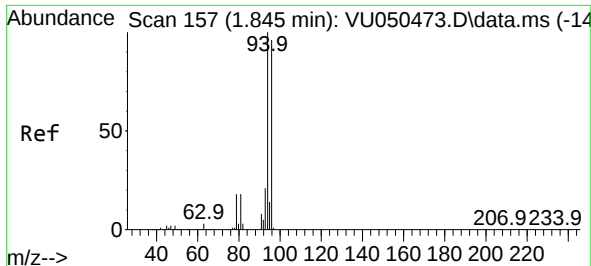
Tgt Ion: 50 Resp: 1365  
Ion Ratio Lower Upper  
50 100  
52 38.8 23.4 43.6



#5  
Vinyl chloride  
Concen: 12.029 ug/L  
RT: 1.601 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 62 Resp: 110  
Ion Ratio Lower Upper  
62 100  
64 131.3 23.1 42.9#

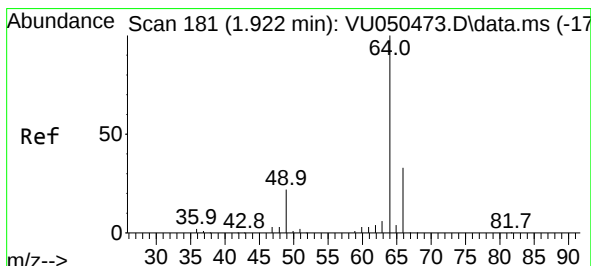
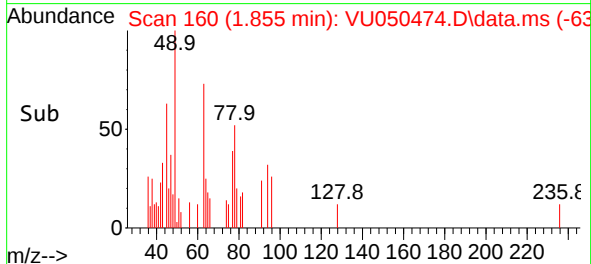
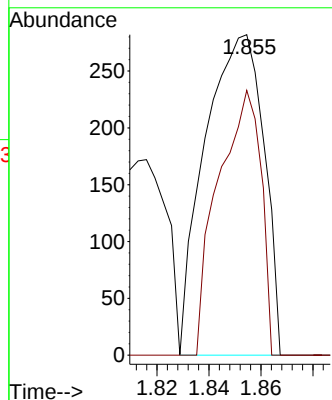
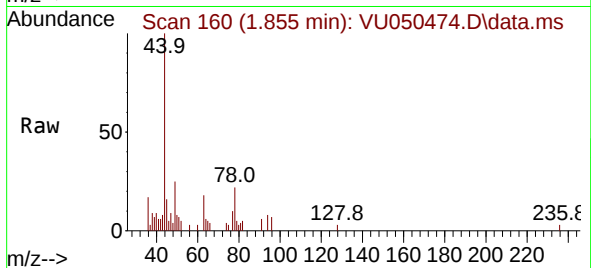




#6  
Bromomethane  
Concen: 131.009 ug/L  
RT: 1.855 min Scan# 1  
Delta R.T. 0.013 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

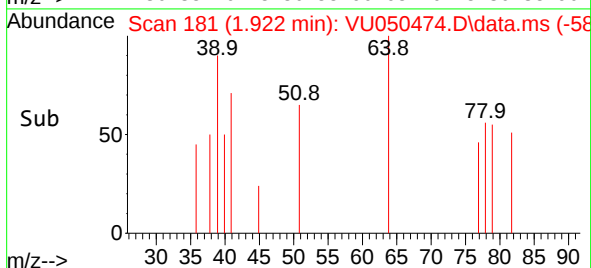
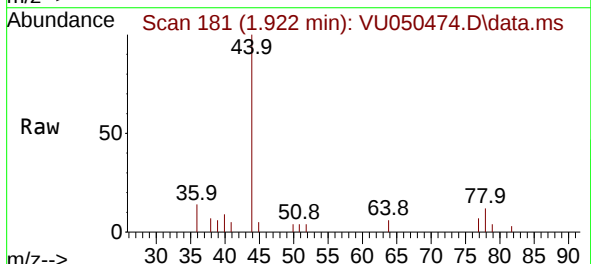
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MSVOA\_U  
ClientSampleId :  
VBLK169

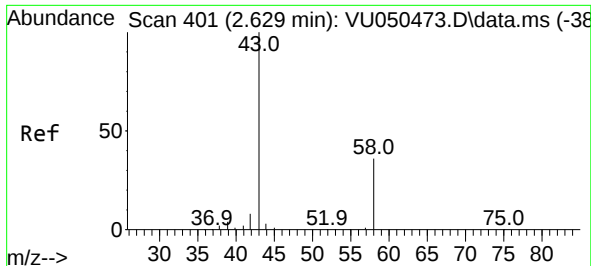
Tgt Ion: 94 Resp: 443  
Ion Ratio Lower Upper  
94 100  
96 82.6 63.3 117.5



#8  
Chloroethane  
Concen: 19.800 ug/L  
RT: 1.922 min Scan# 181  
Delta R.T. -0.003 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 64 Resp: 110  
Ion Ratio Lower Upper  
64 100  
66 0.0 22.3 41.3#





#13

Acetone

Concen: 543.086 ug/L

RT: 2.636 min Scan# 401

Delta R.T. 0.010 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

Instrument :

MSVOA\_U

ClientSampleId :

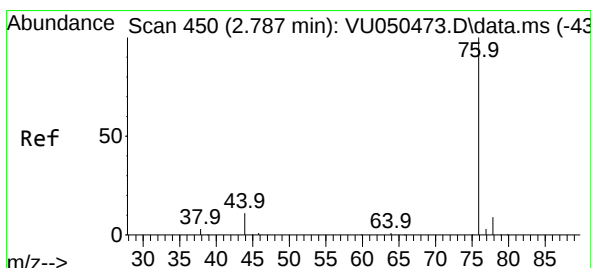
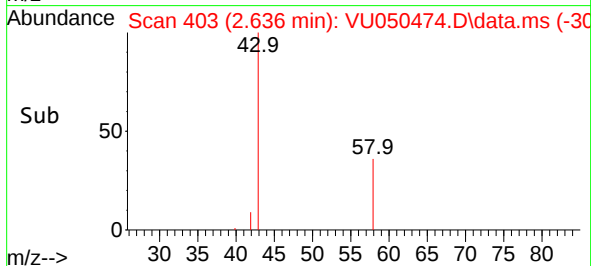
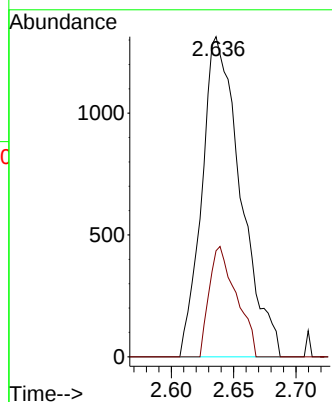
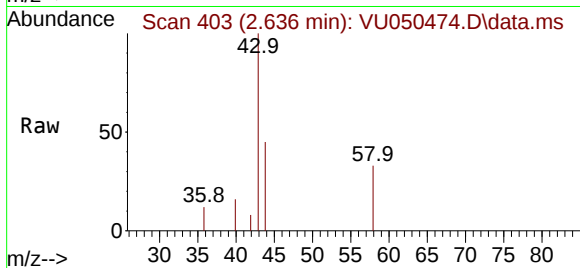
VBLK169

Tgt Ion: 43 Resp: 2841

Ion Ratio Lower Upper

43 100

58 24.0 0.0 72.2



#14

Carbon disulfide

Concen: 96.134 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050474.D

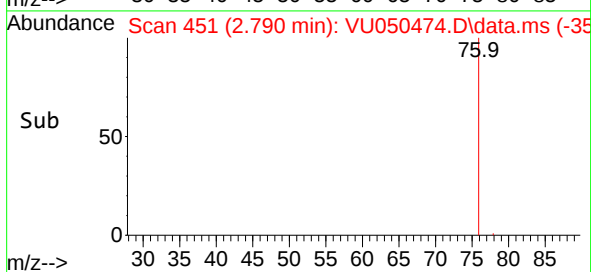
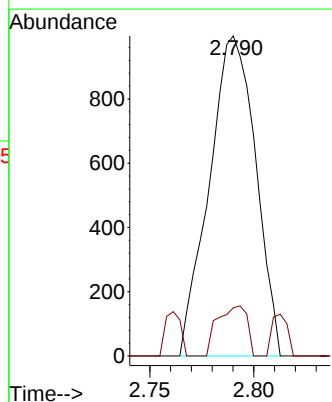
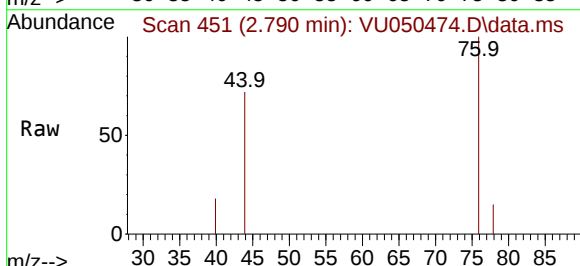
Acq: 29 Aug 2022 10:57

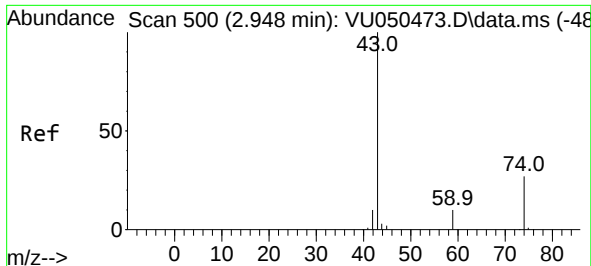
Tgt Ion: 76 Resp: 1547

Ion Ratio Lower Upper

76 100

78 15.1 7.3 10.9#

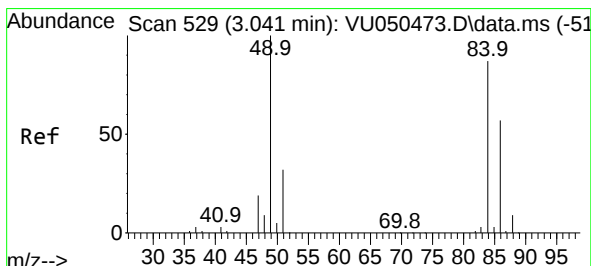
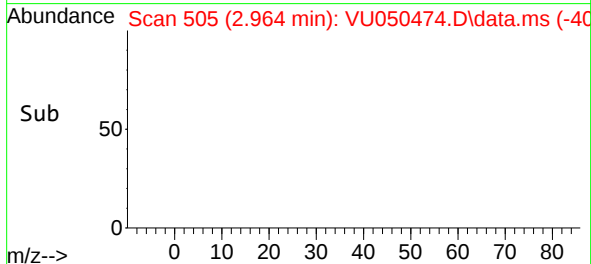
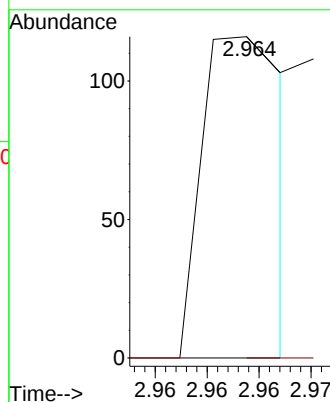
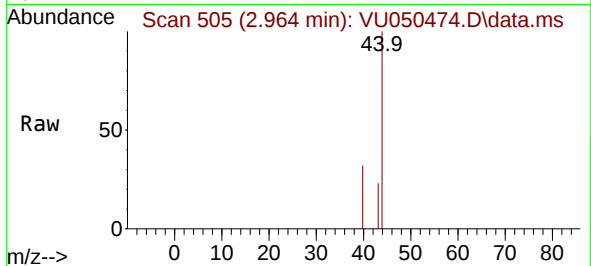




#15  
Methyl Acetate  
Concen: 6.800 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. 0.016 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

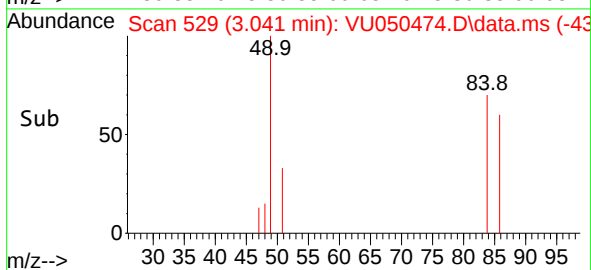
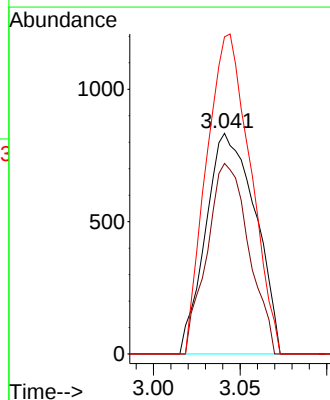
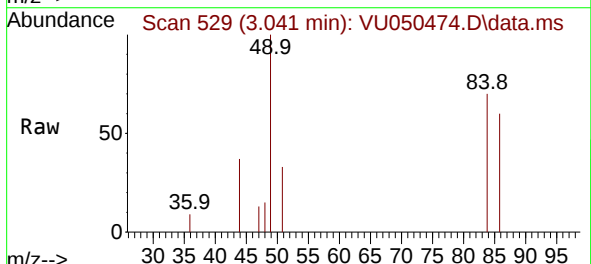
Instrument :  
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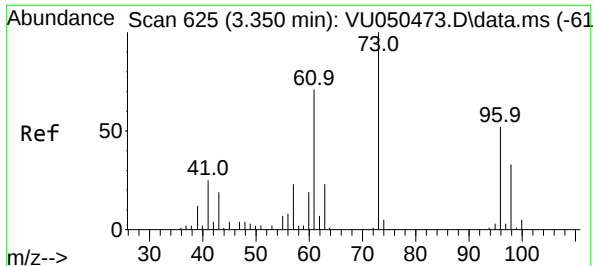
Tgt Ion: 43 Resp: 64  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.2 31.8#



#16  
Methylene chloride  
Concen: 188.994 ug/L  
RT: 3.041 min Scan# 529  
Delta R.T. -0.000 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 84 Resp: 1661  
Ion Ratio Lower Upper  
84 100  
86 86.3 43.9 81.5#  
49 143.6 80.4 149.4





#17

trans-1,2-Dichloroethene

Concen: 36.204 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

Instrument :

MSVOA\_U

ClientSampleId :

VBLK169

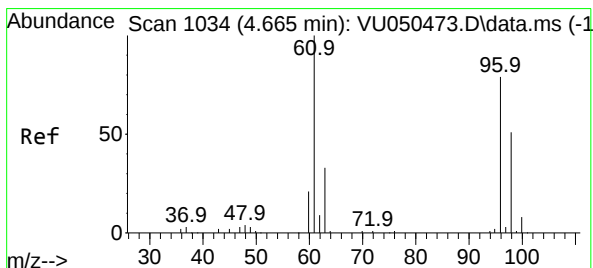
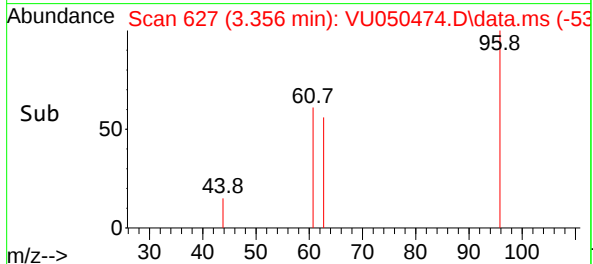
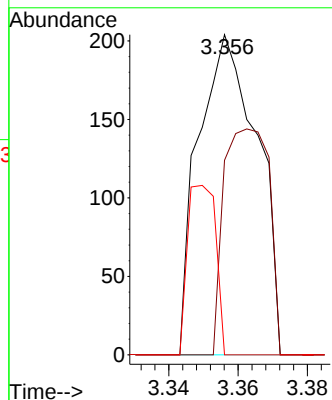
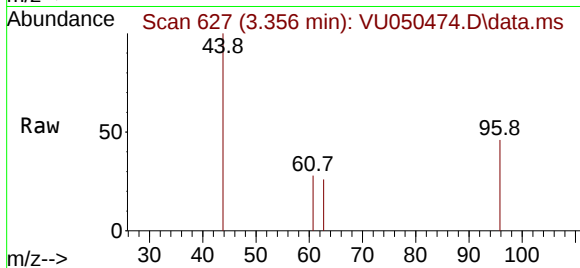
Tgt Ion: 96 Resp: 240

Ion Ratio Lower Upper

96 100

61 60.8 98.5 182.9#

98 0.0 45.7 84.9#



#20

cis-1,2-Dichloroethene

Concen: 10.455 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

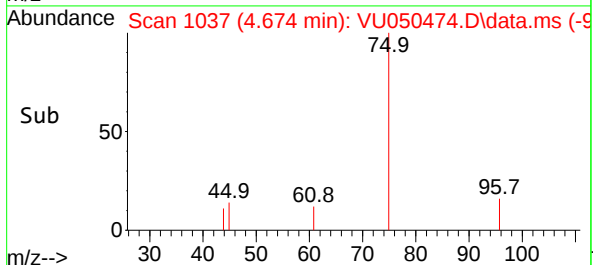
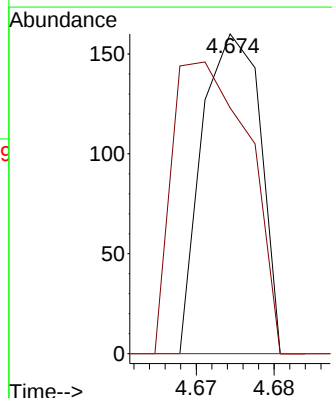
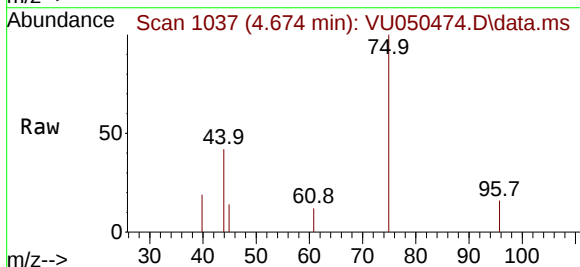
Tgt Ion: 96 Resp: 83

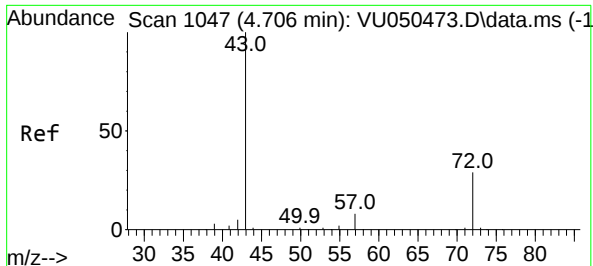
Ion Ratio Lower Upper

96 100

61 76.9 88.1 163.5#

68 0.0 0.0 0.0

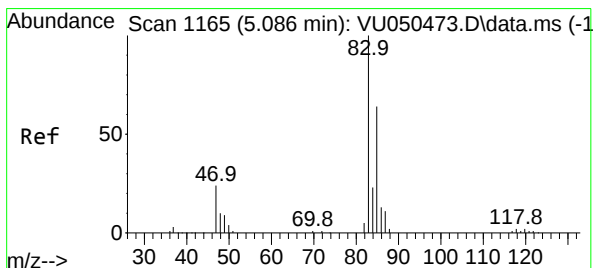
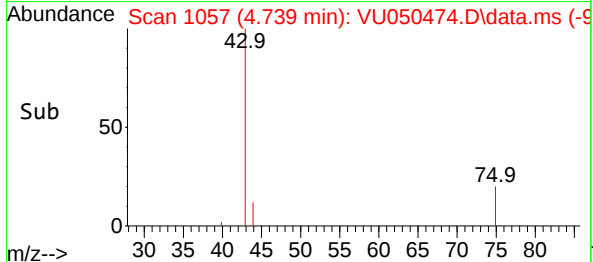
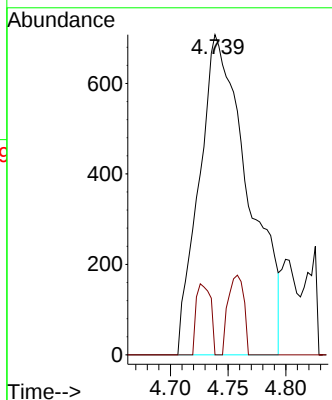
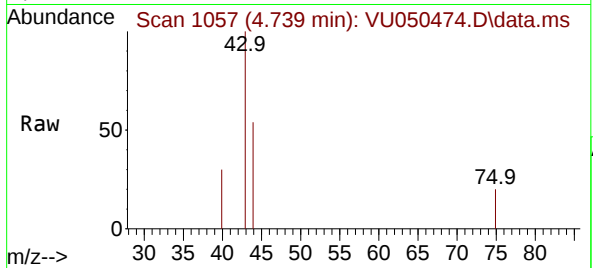




#22  
2-Butanone  
Concen: 296.064 ug/L  
RT: 4.739 min Scan# 1105  
Delta R.T. 0.039 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

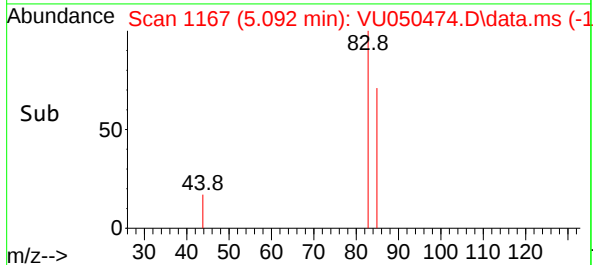
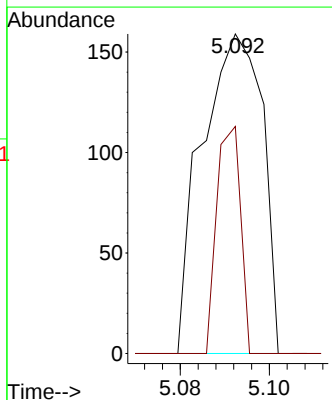
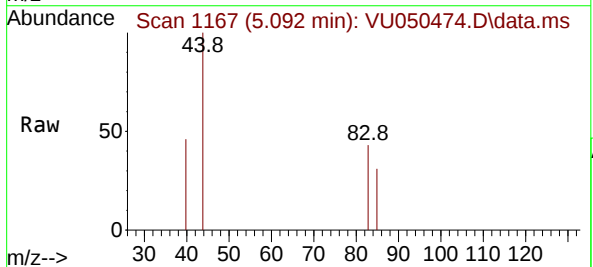
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

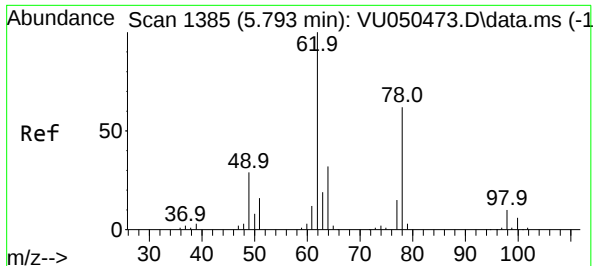
Tgt Ion: 43 Resp: 2099  
Ion Ratio Lower Upper  
43 100  
72 6.4 15.0 45.0#



#25  
Chloroform  
Concen: 9.804 ug/L  
RT: 5.092 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 83 Resp: 150  
Ion Ratio Lower Upper  
83 100  
85 71.1 45.7 84.9

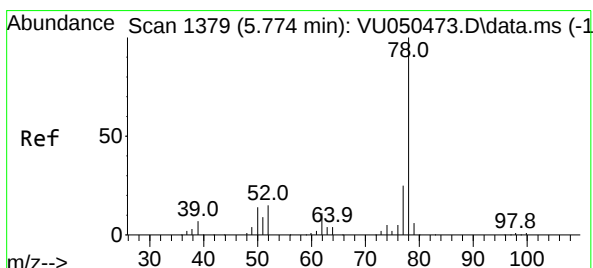
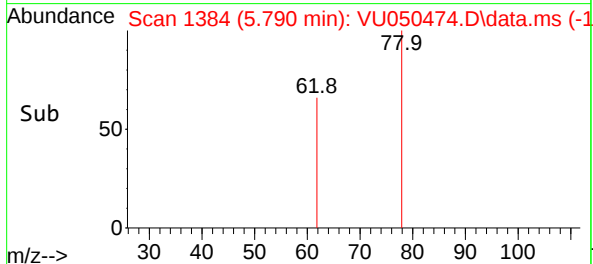
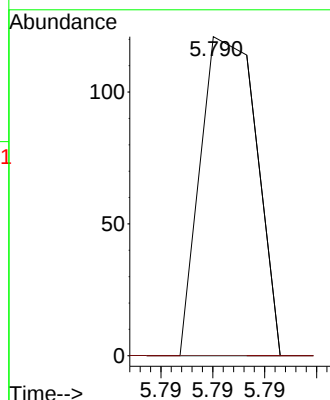
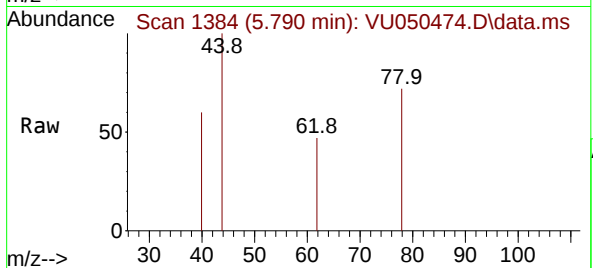




#27  
1,2-Dichloroethane  
Concen: 3.943 ug/L  
RT: 5.790 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

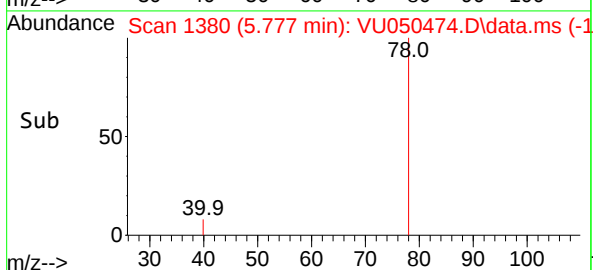
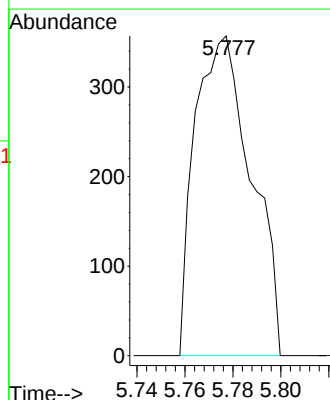
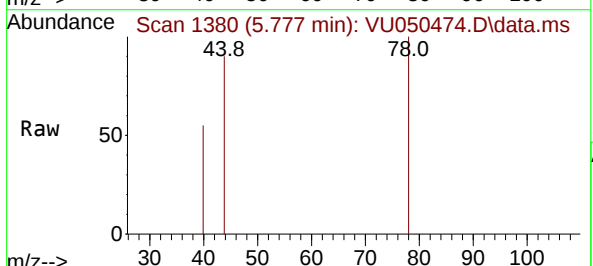
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

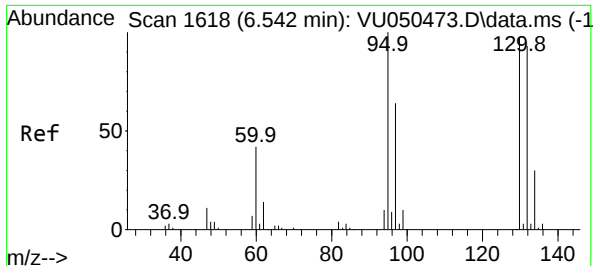
Tgt Ion: 62 Resp: 45  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#



#33  
Benzene  
Concen: 15.401 ug/L  
RT: 5.777 min Scan# 1380  
Delta R.T. 0.003 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 78 Resp: 581

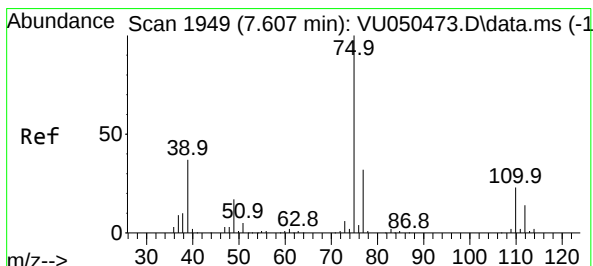
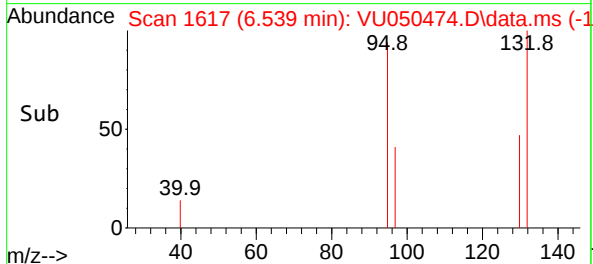
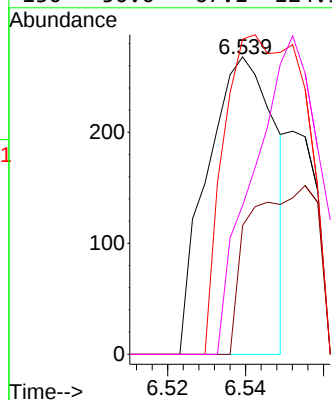
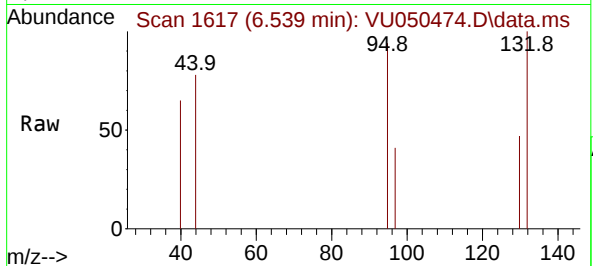




#34  
Trichloroethene  
Concen: 36.171 ug/L  
RT: 6.539 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

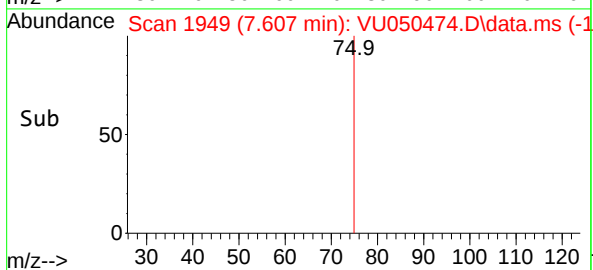
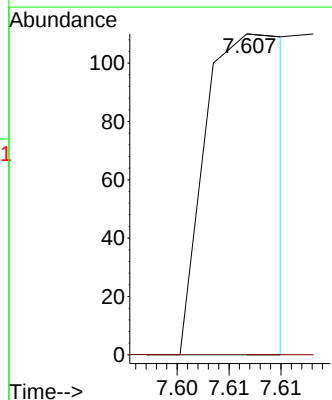
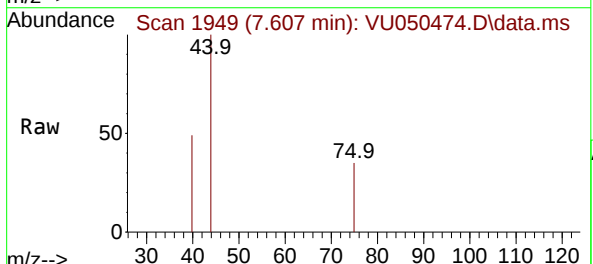
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

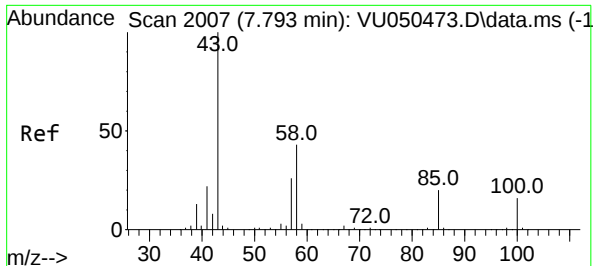
Tgt Ion: 95 Resp: 323  
Ion Ratio Lower Upper  
95 100  
97 43.3 45.2 84.0#  
132 106.0 64.4 119.6  
130 50.0 67.1 124.5#



#39  
cis-1,3-Dichloropropene  
Concen: 4.309 ug/L  
RT: 7.607 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 75 Resp: 62  
Ion Ratio Lower Upper  
75 100  
77 0.0 22.8 42.4#





#40

4-Methyl-2-pentanone

Concen: 173.122 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.010 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

Instrument :

MSVOA\_U

ClientSampleId :

VBLK169

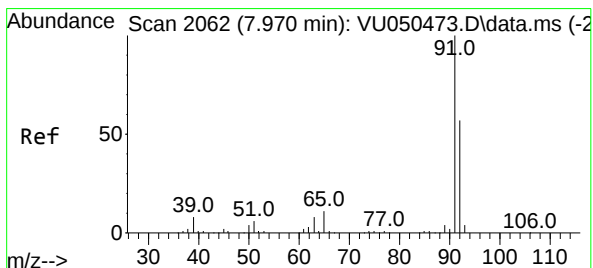
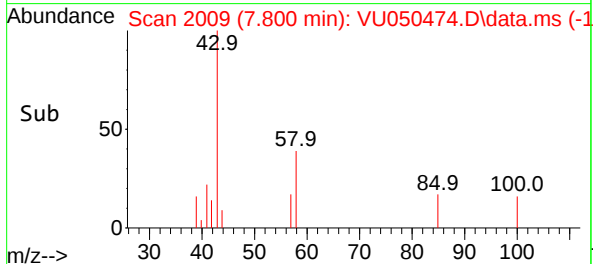
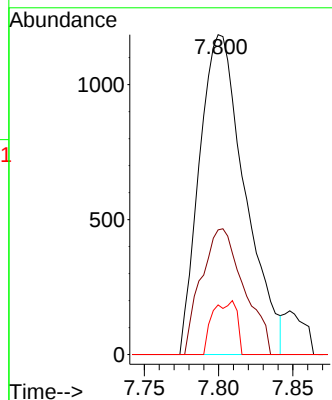
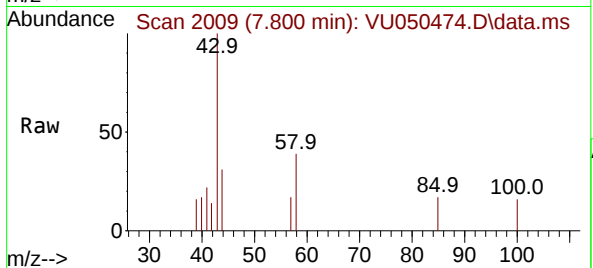
Tgt Ion: 43 Resp: 2521

Ion Ratio Lower Upper

43 100

58 36.9 34.0 51.0

100 4.8 13.0 19.4#



#42

Toluene

Concen: 14.470 ug/L

RT: 7.980 min Scan# 2065

Delta R.T. 0.010 min

Lab File: VU050474.D

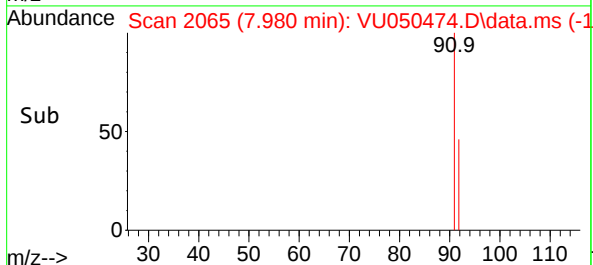
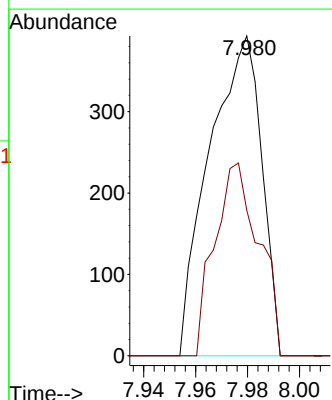
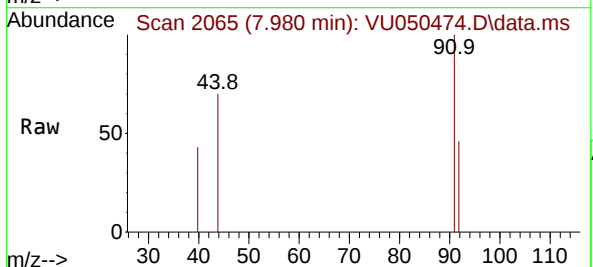
Acq: 29 Aug 2022 10:57

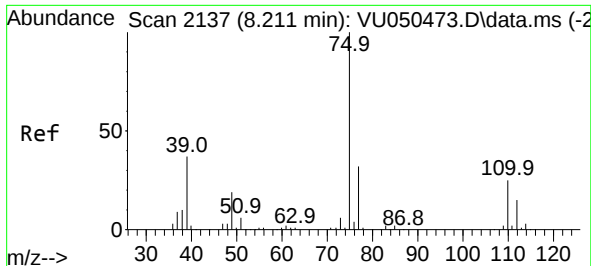
Tgt Ion: 91 Resp: 550

Ion Ratio Lower Upper

91 100

92 31.3 40.3 74.9#

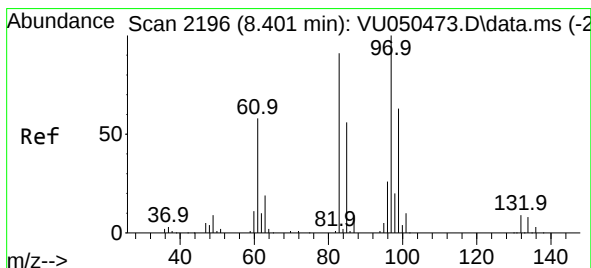
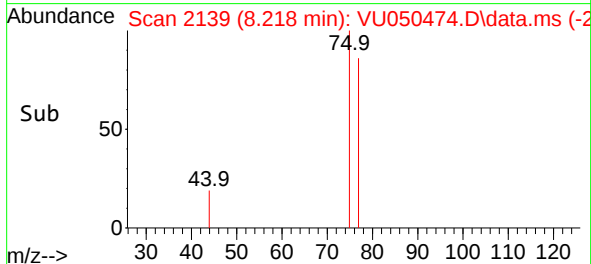
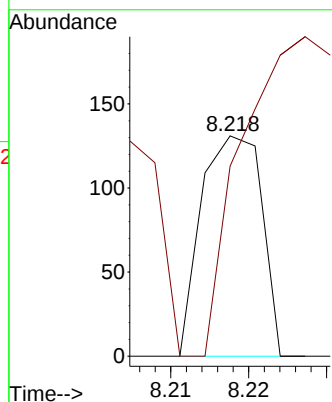
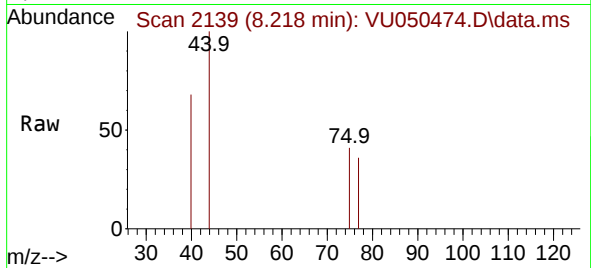




#44  
trans-1,3-Dichloropropene  
Concen: 5.219 ug/L  
RT: 8.218 min Scan# 2139  
Delta R.T. 0.006 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

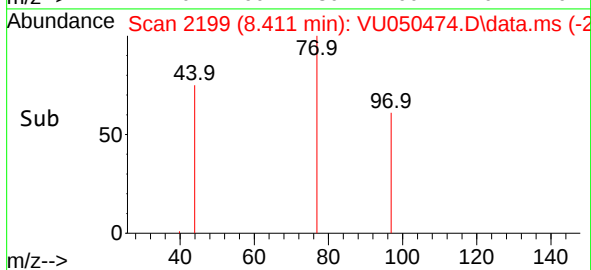
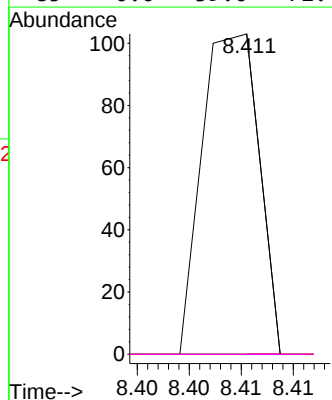
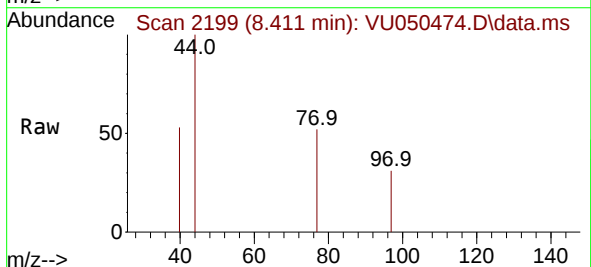
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

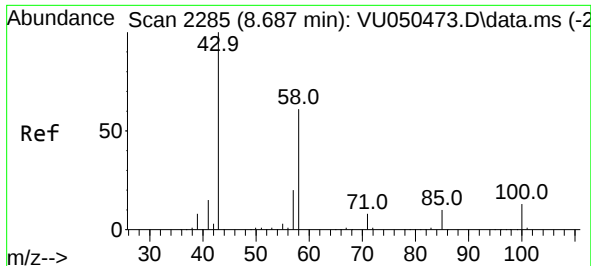
Tgt Ion: 75 Resp: 70  
Ion Ratio Lower Upper  
75 100  
77 86.3 22.5 41.7#



#45  
1,1,2-Trichloroethane  
Concen: 3.617 ug/L  
RT: 8.411 min Scan# 2199  
Delta R.T. 0.013 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 97 Resp: 39  
Ion Ratio Lower Upper  
97 100  
99 0.0 43.3 80.3#  
83 0.0 60.3 112.1#  
85 0.0 39.0 72.4#

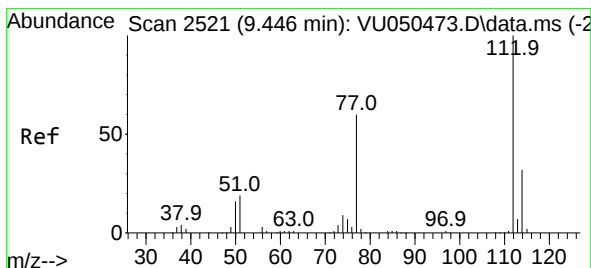
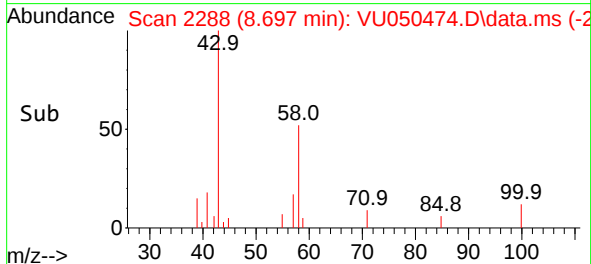
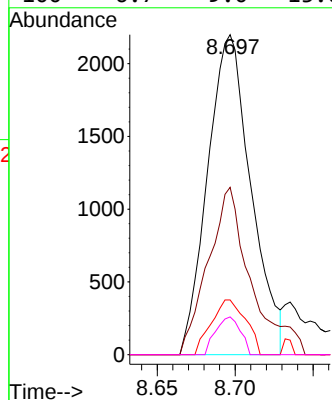
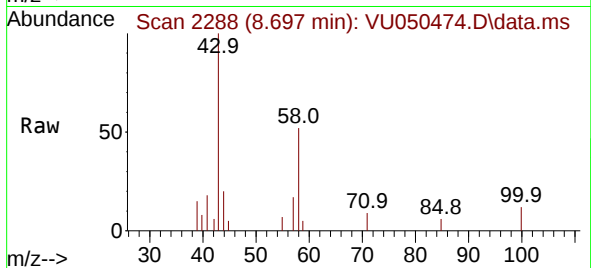




#48  
2-Hexanone  
Concen: 349.726 ug/L  
RT: 8.697 min Scan# 21  
Delta R.T. 0.013 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

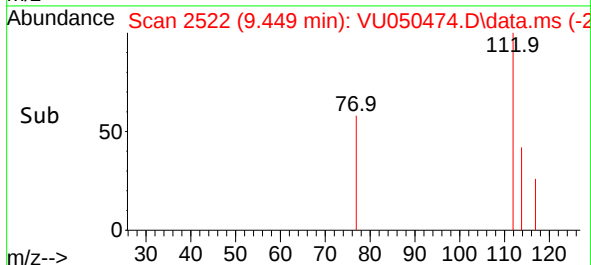
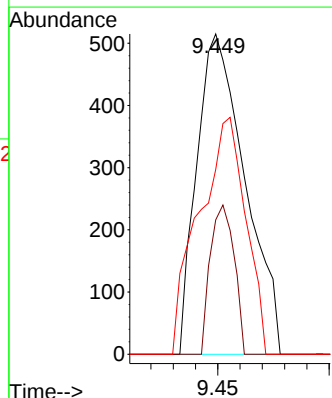
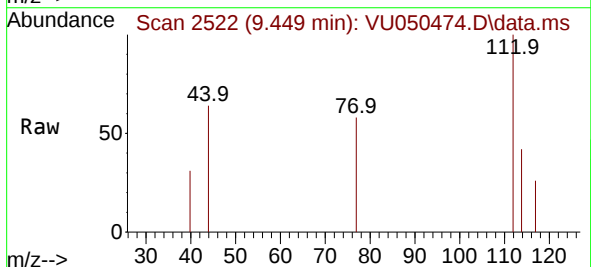
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

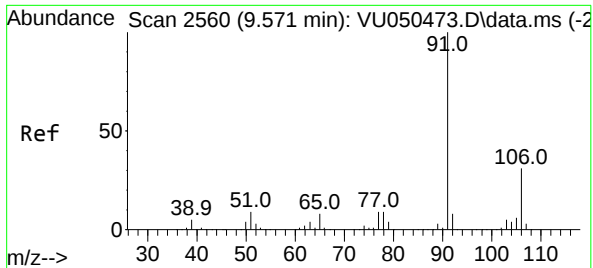
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4253  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 48.6  | 47.9  | 71.9  |
| 57       | 13.6  | 15.4  | 23.0# |
| 100      | 6.7   | 9.0   | 13.6# |



#51  
Chlorobenzene  
Concen: 31.111 ug/L  
RT: 9.449 min Scan# 2522  
Delta R.T. 0.003 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 776   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 41.9  | 21.8  | 40.6# |
| 77       | 57.7  | 47.6  | 71.4  |

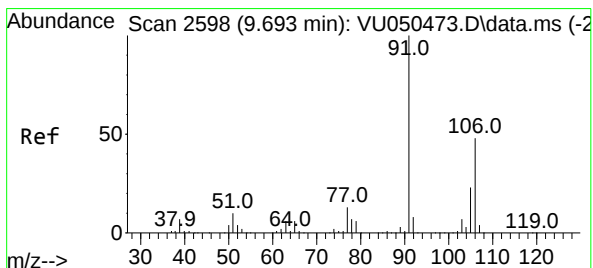
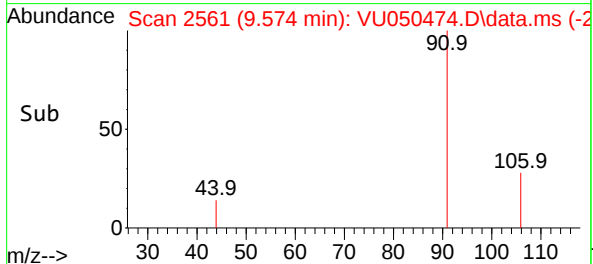
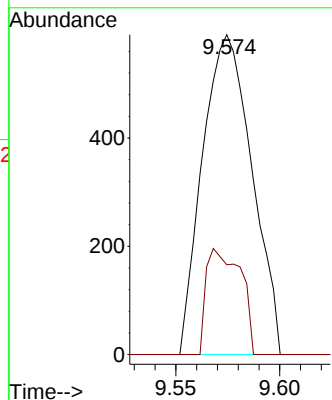
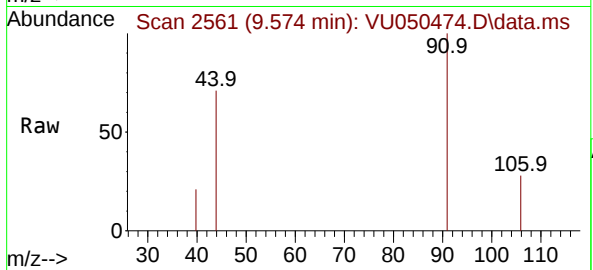




#52  
Ethylbenzene  
Concen: 25.530 ug/L  
RT: 9.574 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

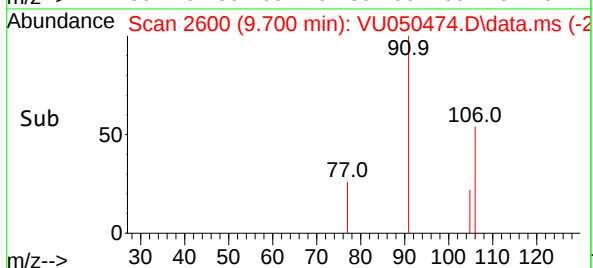
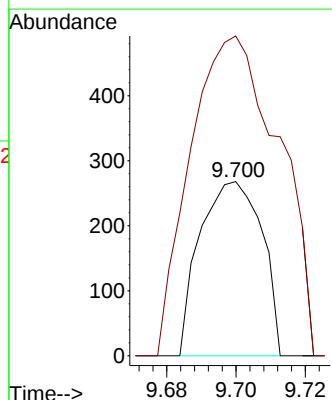
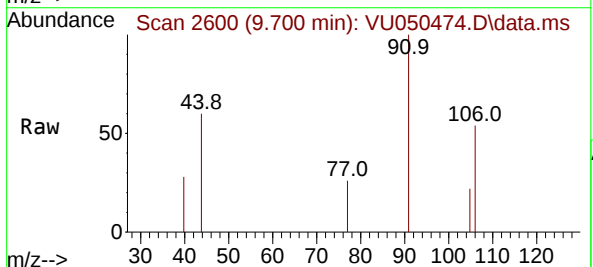
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

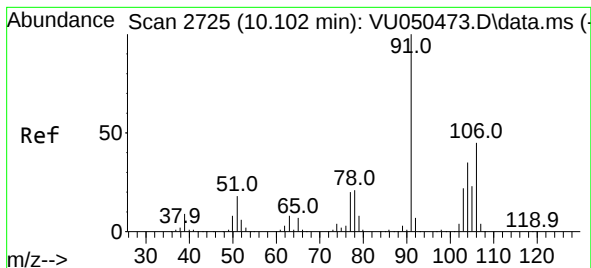
Tgt Ion: 91 Resp: 978  
Ion Ratio Lower Upper  
91 100  
106 28.1 21.7 40.3



#53  
m,p-Xylene  
Concen: 23.277 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.006 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion: 106 Resp: 333  
Ion Ratio Lower Upper  
106 100  
91 183.6 145.9 270.9





#54

o-Xylene

Concen: 17.097 ug/L

RT: 10.105 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

Instrument :

MSVOA\_U

ClientSampleId :

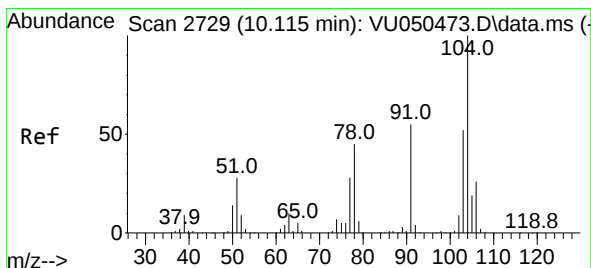
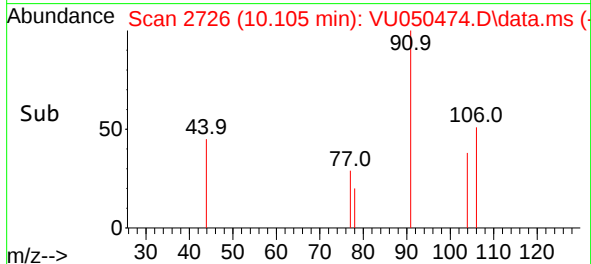
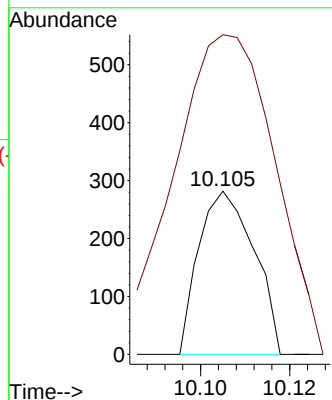
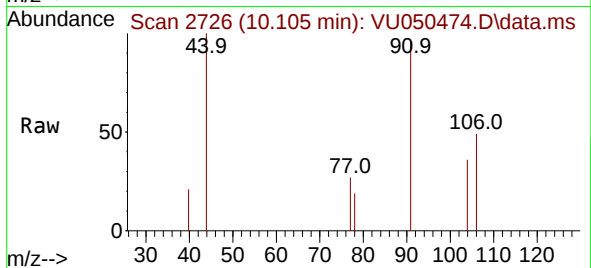
VBLK169

Tgt Ion:106 Resp: 243

Ion Ratio Lower Upper

106 100

91 195.7 154.8 287.4



#55

Styrene

Concen: 12.570 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU050474.D

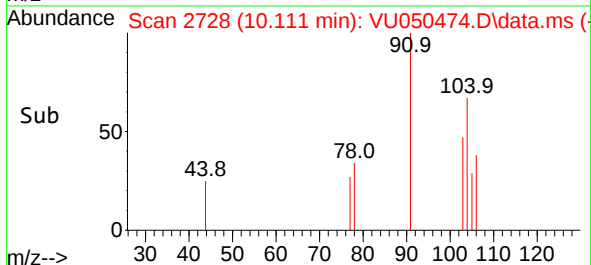
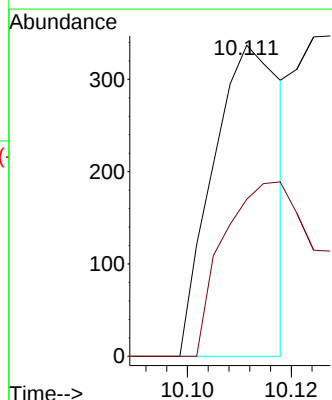
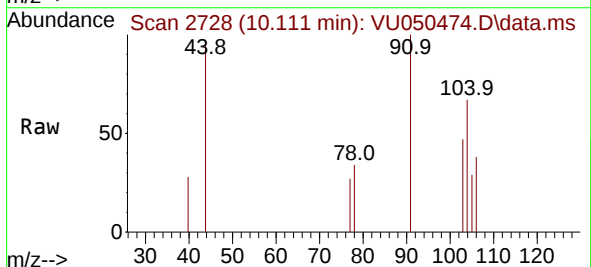
Acq: 29 Aug 2022 10:57

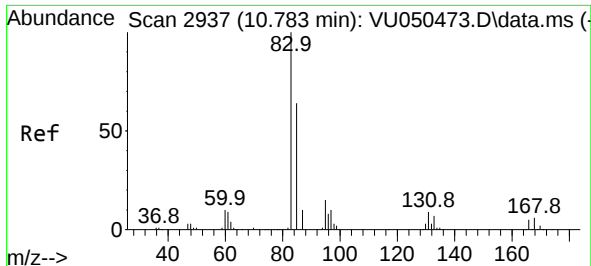
Tgt Ion:104 Resp: 304

Ion Ratio Lower Upper

104 100

78 50.4 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.103 ug/L

RT: 10.787 min Scan# 2937

Delta R.T. 0.006 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

Instrument :

MSVOA\_U

ClientSampleId :

VBLK169

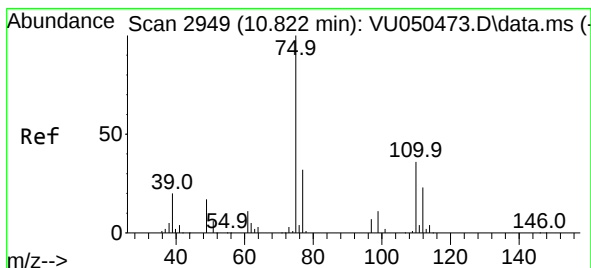
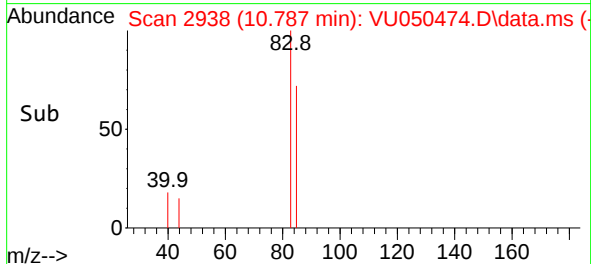
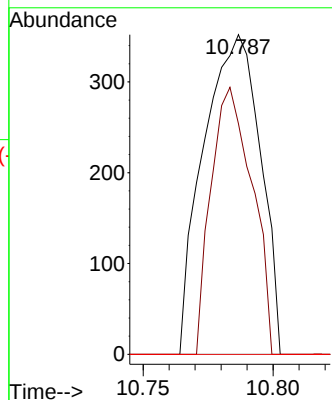
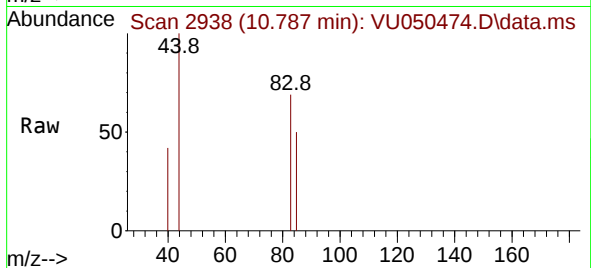
Tgt Ion: 83 Resp: 534

Ion Ratio Lower Upper

83 100

85 72.2 45.4 84.2

131 0.0 7.2 10.8#



#60

1,2,3-Trichloropropane

Concen: 16.768 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

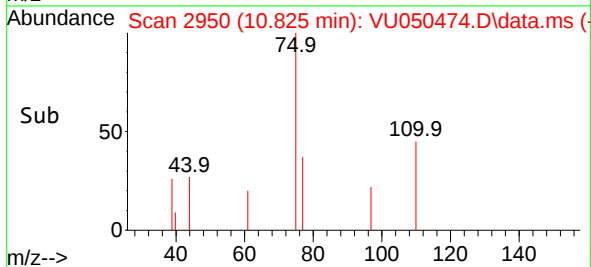
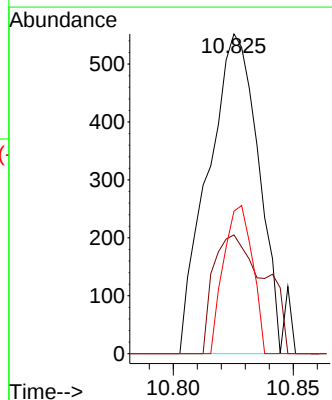
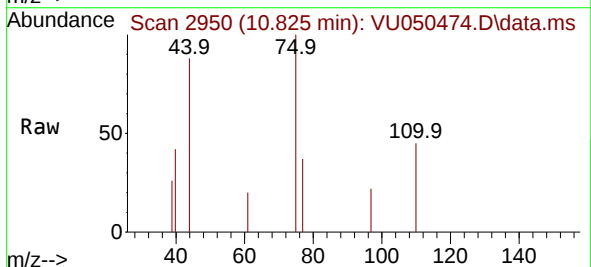
Tgt Ion: 75 Resp: 802

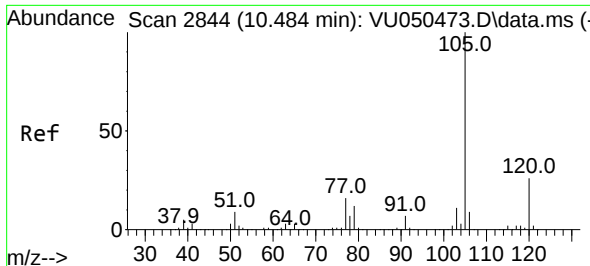
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 26.7 29.0 43.4#

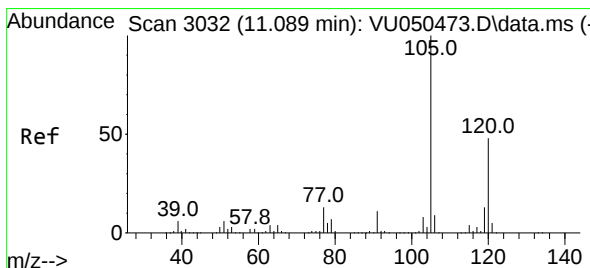
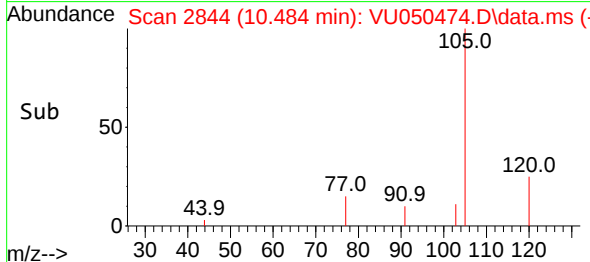
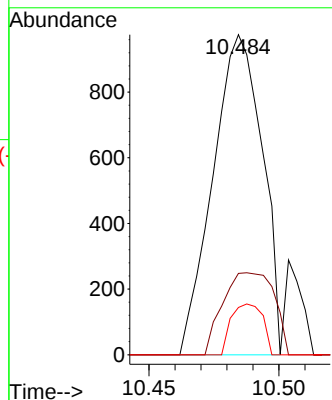
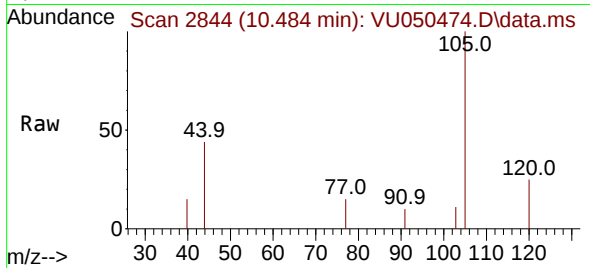




#61  
Isopropylbenzene  
Concen: 11.185 ug/L  
RT: 10.484 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

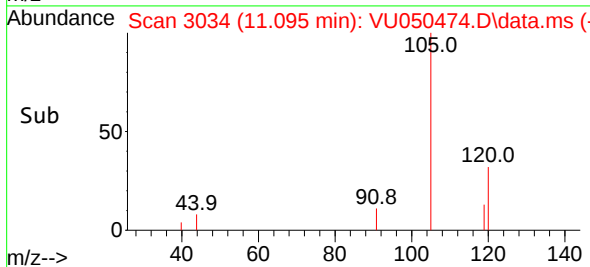
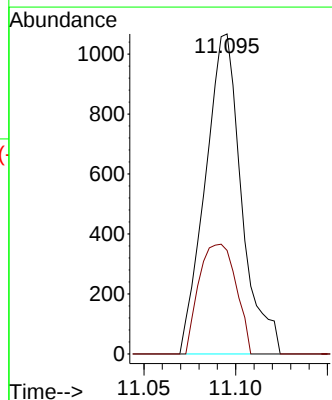
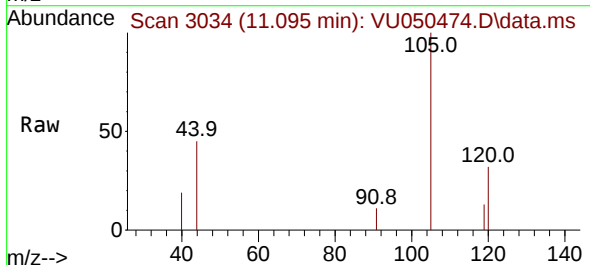
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

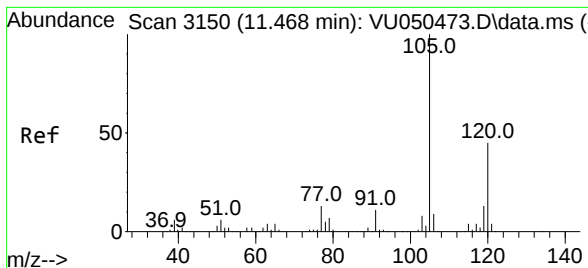
Tgt Ion:105 Resp: 1284  
Ion Ratio Lower Upper  
105 100  
120 26.6 20.7 31.1  
77 10.1 12.5 18.7#



#62  
1,3,5-Trimethylbenzene  
Concen: 15.848 ug/L  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.006 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Tgt Ion:105 Resp: 1469  
Ion Ratio Lower Upper  
105 100  
120 35.0 38.1 57.1#





#63

1,2,4-Trimethylbenzene

Concen: 22.299 ug/L

RT: 11.475 min Scan# 3150

Delta R.T. 0.006 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

Instrument :

MSVOA\_U

ClientSampleId :

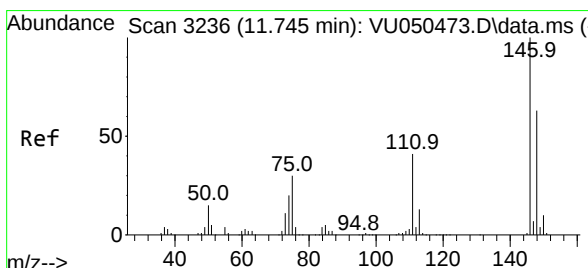
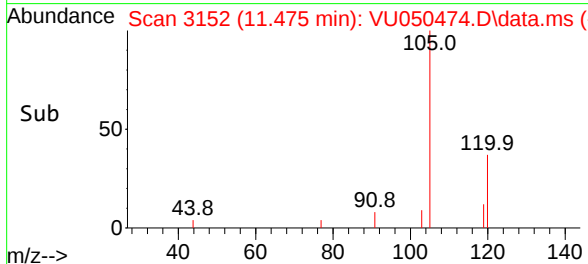
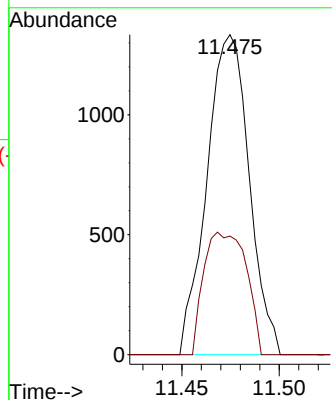
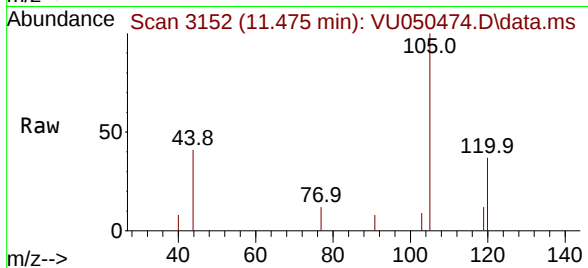
VBLK169

Tgt Ion:105 Resp: 2016

Ion Ratio Lower Upper

105 100

120 20.0 35.3 52.9#



#64

1,3-Dichlorobenzene

Concen: 34.509 ug/L

RT: 11.751 min Scan# 3238

Delta R.T. 0.006 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

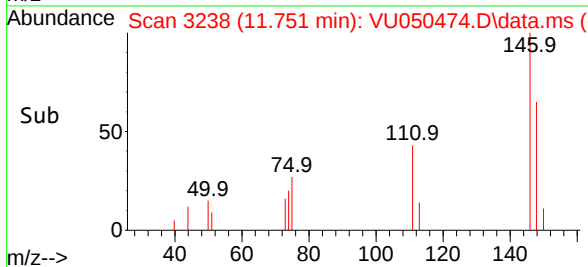
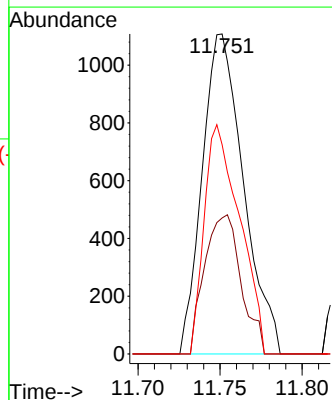
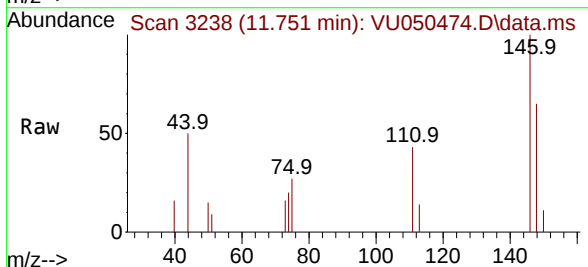
Tgt Ion:146 Resp: 1937

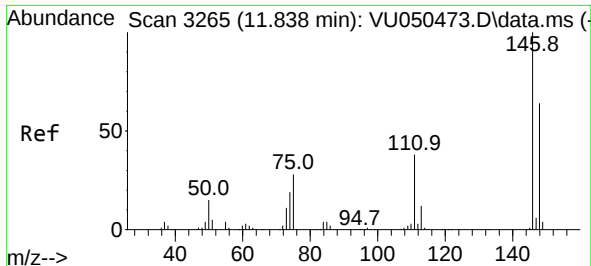
Ion Ratio Lower Upper

146 100

111 42.5 28.1 52.1

148 65.4 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 45.251 ug/L

RT: 11.844 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

Instrument :

MSVOA\_U

ClientSampleId :

VBLK169

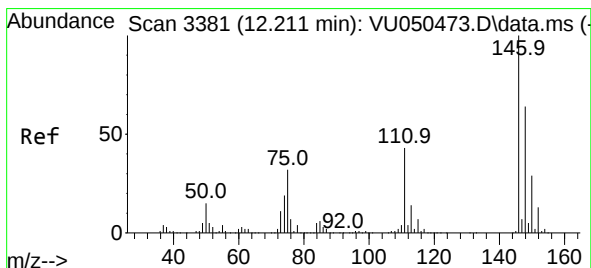
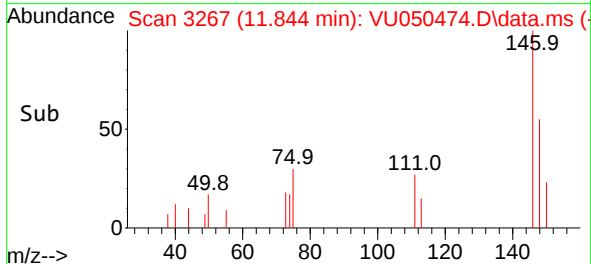
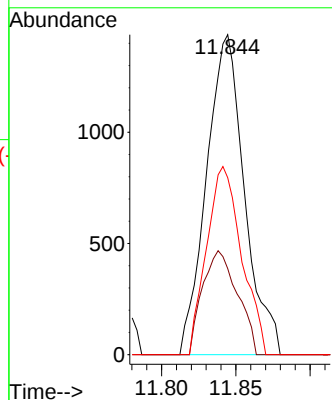
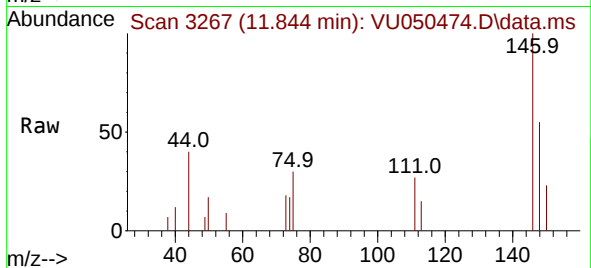
Tgt Ion:146 Resp: 2558

Ion Ratio Lower Upper

146 100

111 26.9 27.6 51.2#

148 55.3 44.4 82.4



#67

1,2-Dichlorobenzene

Concen: 38.406 ug/L

RT: 12.217 min Scan# 3383

Delta R.T. 0.006 min

Lab File: VU050474.D

Acq: 29 Aug 2022 10:57

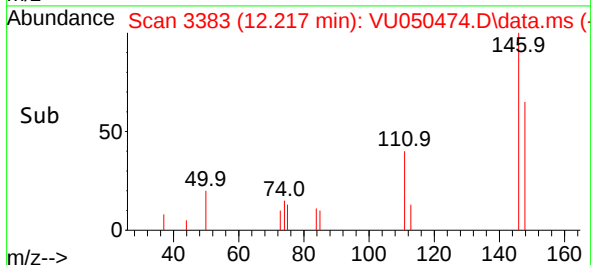
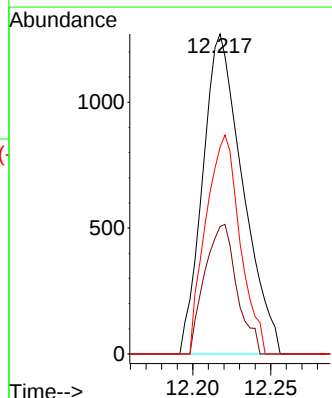
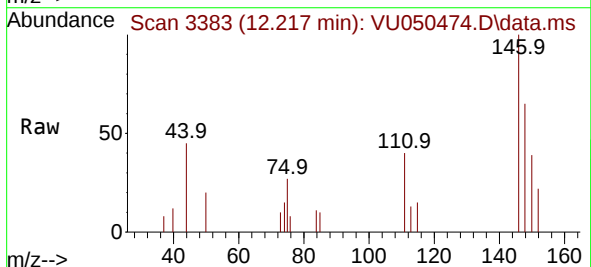
Tgt Ion:146 Resp: 2267

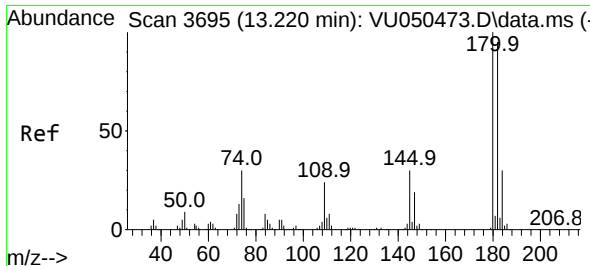
Ion Ratio Lower Upper

146 100

111 39.8 34.1 51.1

148 64.6 51.0 76.6

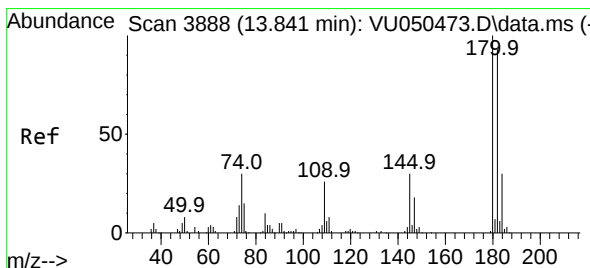
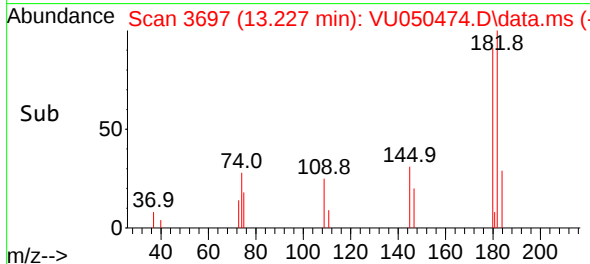
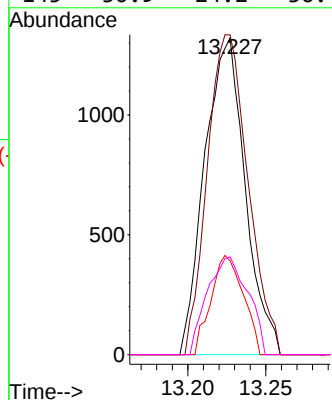
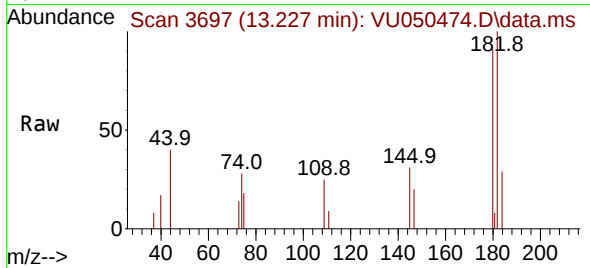




#69  
 1,3,5-Trichlorobenzene  
 Concen: 61.614 ug/L  
 RT: 13.227 min Scan# 3697  
 Delta R.T. 0.010 min  
 Lab File: VU050474.D  
 Acq: 29 Aug 2022 10:57

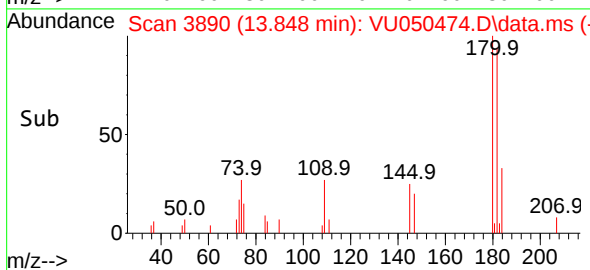
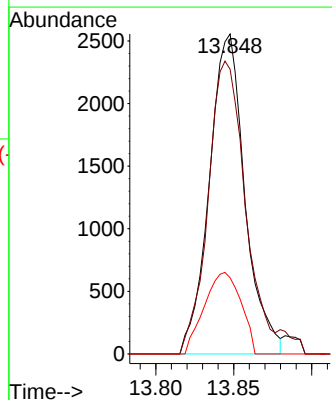
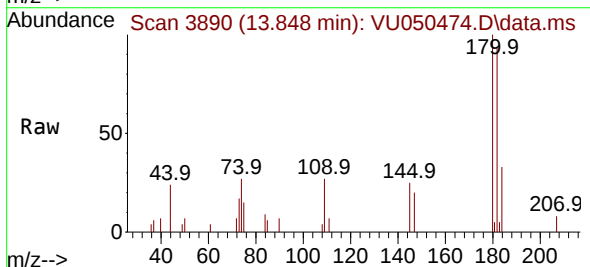
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK169

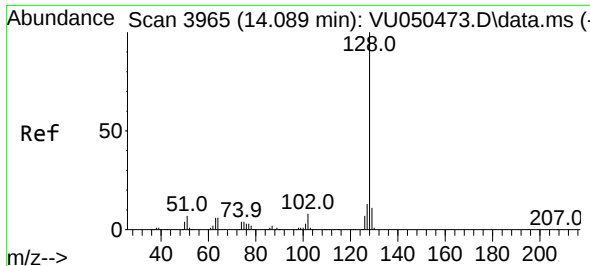
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 2384       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 101.5 | 77.0 115.6 |
| 184         | 25.0  | 24.1 36.1  |
| 145         | 30.9  | 24.2 36.4  |



#70  
 1,2,4-trichlorobenzene  
 Concen: 130.797 ug/L  
 RT: 13.848 min Scan# 3890  
 Delta R.T. 0.006 min  
 Lab File: VU050474.D  
 Acq: 29 Aug 2022 10:57

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 4053       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.1  | 75.4 113.2 |
| 145         | 26.2  | 23.9 35.9  |

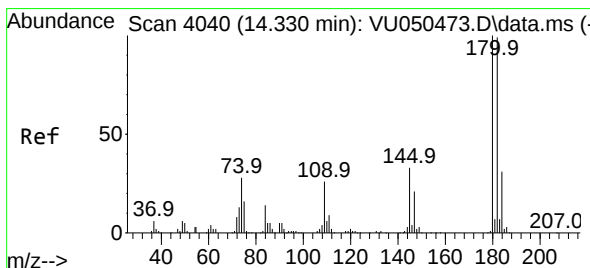
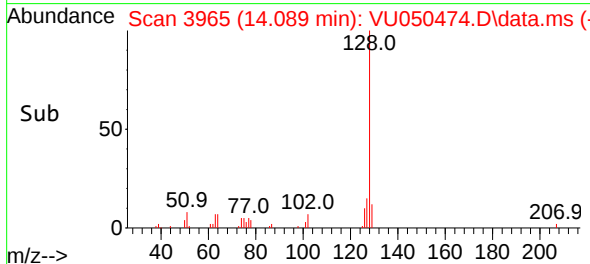
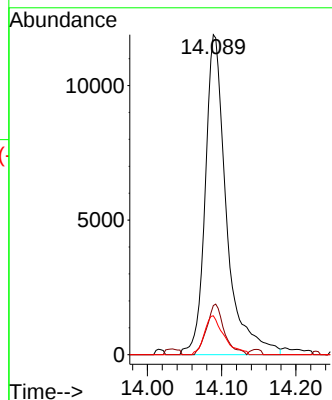
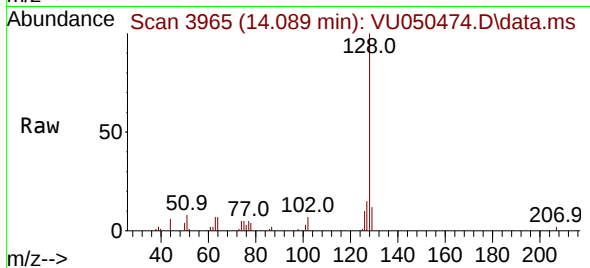




#71  
Naphthalene  
Concen: 231.968 ug/L  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.003 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK169

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 23579 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.0  | 10.5  | 15.7  |
| 129      | 11.3  | 8.8   | 13.2  |



#72  
1,2,3-Trichlorobenzene  
Concen: 161.309 ug/L  
RT: 14.330 min Scan# 4040  
Delta R.T. -0.000 min  
Lab File: VU050474.D  
Acq: 29 Aug 2022 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5463  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.2  | 76.8  | 115.2 |
| 145      | 31.0  | 26.5  | 39.7  |

