

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU033121\  
 Data File : VU042860.D  
 Acq On : 31 Mar 2021 16:17  
 Operator : SY/MD  
 Sample : M1836-04ME 10X  
 Misc : 12.19g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B2-10-12ME

Quant Time: Apr 01 04:43:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 25 05:42:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|---------|----------|
| -----                         |        |      |          |           |         |          |
| Internal Standards            |        |      |          |           |         |          |
| 1) Pentafluorobenzene         | 5.382  | 168  | 113610   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.256  | 114  | 178789   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 9.423  | 117  | 181380   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 111527   | 50.00     | ug/l    | 0.00     |
|                               |        |      |          |           |         |          |
| System Monitoring Compounds   |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4     | 5.710  | 65   | 87963    | 48.57     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 97.14%  |          |
| 35) Dibromofluoromethane      | 5.298  | 113  | 59778    | 44.80     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 89.60%  |          |
| 50) Toluene-d8                | 7.906  | 98   | 232540   | 49.54     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 99.08%  |          |
| 62) 4-Bromofluorobenzene      | 10.639 | 95   | 99781    | 54.70     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 109.40% |          |
|                               |        |      |          |           |         |          |
| Target Compounds              |        |      |          |           |         | Qvalue   |
| 5) Bromomethane               | 1.848  | 94   | 148      | Below Cal |         | 82       |
| 6) Chloroethane               | 1.809  | 64   | 20       | Below Cal | #       | 43       |
| 11) Tert butyl alcohol        | 3.192  | 59   | 968      | 2.50      | ug/l #  | 74       |
| 13) Acrolein                  | 2.472  | 56   | 1099     | 4.10      | ug/l #  | 1        |
| 14) Allyl chloride            | 2.977  | 41   | 1357     | 0.60      | ug/l #  | 57       |
| 15) Acrylonitrile             | 3.372  | 53   | 2223     | 2.50      | ug/l #  | 45       |
| 16) Acetone                   | 2.600  | 43   | 3997     | Below Cal | #       | 48       |
| 18) Methyl Acetate            | 3.051  | 43   | 27427    | 13.22     | ug/l #  | 56       |
| 19) Methyl tert-butyl Ether   | 3.372  | 73   | 54219    | 13.87     | ug/l #  | 1        |
| 20) Methylene Chloride        | 3.054  | 84   | 396      | 0.30      | ug/l #  | 41       |
| 23) Vinyl Acetate             | 3.915  | 43   | 1308     | 0.31      | ug/l #  | 76       |
| 25) 2-Butanone                | 4.542  | 43   | 4136     | 2.81      | ug/l #  | 54       |
| 29) Tetrahydrofuran           | 5.186  | 42   | 427      | 0.47      | ug/l #  | 38       |
| 30) Chloroform                | 5.134  | 83   | 1411     | 0.56      | ug/l    | 94       |
| 31) Cyclohexane               | 5.385  | 56   | 28084    | 12.46     | ug/l #  | 83       |
| 36) 1,1-Dichloropropene       | 5.385  | 75   | 9426     | 5.33      | ug/l #  | 50       |
| 38) Carbon Tetrachloride      | 5.382  | 117  | 11430    | 5.66      | ug/l #  | 16       |
| 39) Methylcyclohexane         | 6.771  | 83   | 28774    | 14.21     | ug/l    | 98       |
| 40) Benzene                   | 5.784  | 78   | 81274    | 15.36     | ug/l    | 99       |
| 41) Methacrylonitrile         | 4.999  | 41   | 503      | 0.35      | ug/l #  | 54       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 916      | 0.40      | ug/l #  | 80       |
| 43) Isopropyl Acetate         | 5.909  | 43   | 109234   | 26.43     | ug/l #  | 65       |
| 47) Bromodichloromethane      | 7.134  | 83   | 446      | 0.22      | ug/l #  | 26       |
| 48) Methyl methacrylate       | 6.989  | 41   | 4685     | 2.35      | ug/l #  | 63       |
| 51) 4-Methyl-2-Pentanone      | 7.845  | 43   | 13511    | 4.67      | ug/l #  | 79       |
| 52) Toluene                   | 7.976  | 92   | 500115   | 154.63    | ug/l    | 99       |
| 53) t-1,3-Dichloropropene     | 7.976  | 75   | 6648     | 3.09      | ug/l #  | 1        |
| 55) 1,1,2-Trichloroethane     | 8.378  | 97   | 5899     | 4.24      | ug/l #  | 19       |
| 56) Ethyl methacrylate        | 8.375  | 69   | 2736     | 1.29      | ug/l #  | 32       |
| 58) 2-Chloroethyl Vinyl ether | 7.452  | 63   | 176      | 26.77     | ug/l #  | 50       |
| 59) 2-Hexanone                | 8.642  | 43   | 6447     | 2.80      | ug/l #  | 29       |
| 67) Ethyl Benzene             | 9.578  | 91   | 428914   | 64.85     | ug/l    | 100      |
| 68) m/p-Xylenes               | 9.700  | 106  | 638503   | 261.91    | ug/l    | 98       |
| 69) o-Xylene                  | 10.108 | 106  | 209213   | 88.66     | ug/l    | 95       |
| 70) Styrene                   | 10.108 | 104  | 10972    | 2.75      | ug/l #  | 1        |
| 73) Isopropylbenzene          | 10.491 | 105  | 41825    | 5.92      | ug/l    | 99       |

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 Sample : M1836-04ME 10X  
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B2-10-12ME

Quant Time: Apr 01 04:43:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 25 05:42:00 2021  
 Response via : Initial Calibration

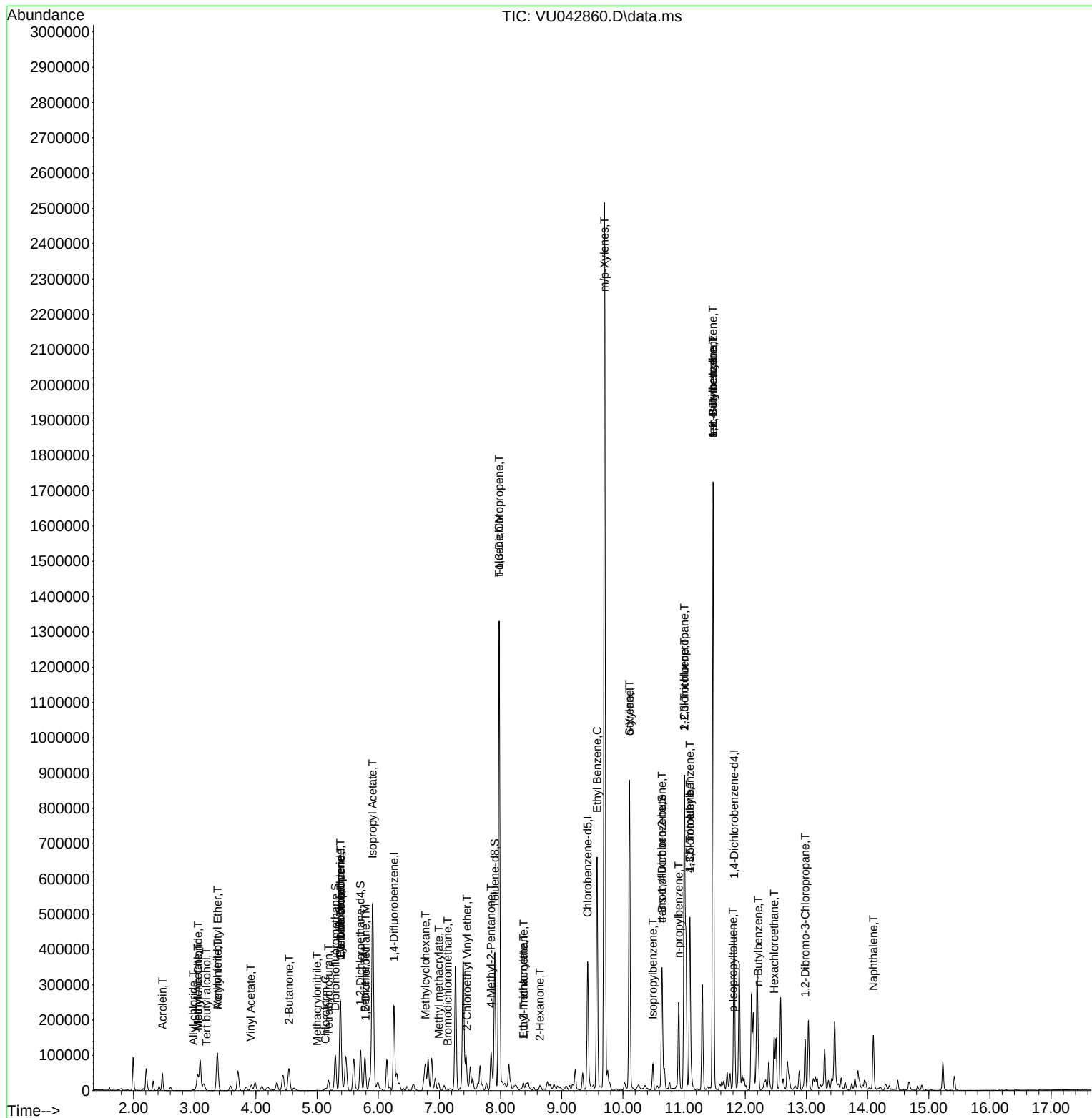
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 76) 1,2,3-Trichloropropane    | 11.005 | 75   | 7118     | 2.51   | ug/l # | 1        |
| 78) n-propylbenzene           | 10.912 | 91   | 180181   | 21.69  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.005 | 91   | 97408    | 19.43  | ug/l # | 41       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 246364   | 40.23  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.639 | 75   | 55532    | 58.01  | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 28667    | 4.79   | ug/l # | 46       |
| 83) tert-Butylbenzene         | 11.475 | 119  | 105392   | 17.66  | ug/l # | 57       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 869918   | 140.66 | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.475 | 105  | 869918   | 125.44 | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 11.799 | 119  | 7755     | 1.22   | ug/l   | 93       |
| 89) n-Butylbenzene            | 12.211 | 91   | 64538    | 10.78  | ug/l # | 32       |
| 90) Hexachloroethane          | 12.475 | 117  | 8227     | 6.87   | ug/l # | 6        |
| 92) 1,2-Dibromo-3-Chloropr... | 12.983 | 75   | 611      | 0.80   | ug/l # | 3        |
| 95) Naphthalene               | 14.095 | 128  | 116960   | 17.25  | ug/l   | 100      |
| -----                         |        |      |          |        |        |          |

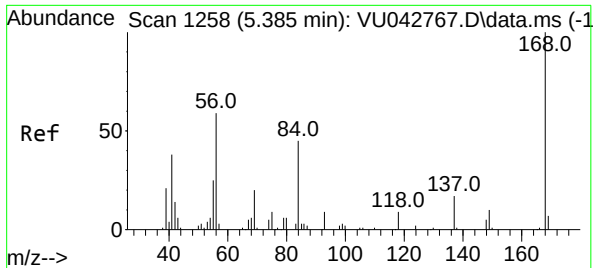
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Quant Title : SW846 8260  
QLast Update : Thu Mar 25 05:42:00 2021  
Response via : Initial Calibration

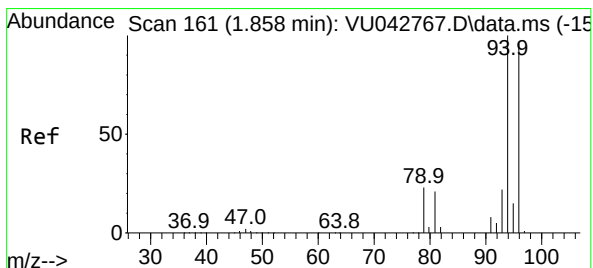
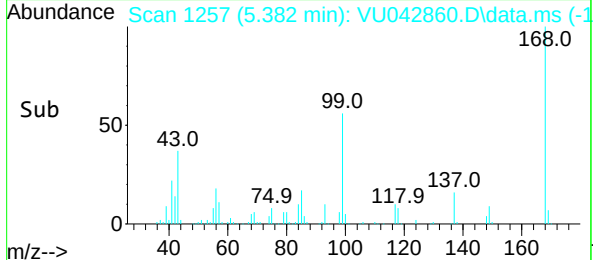
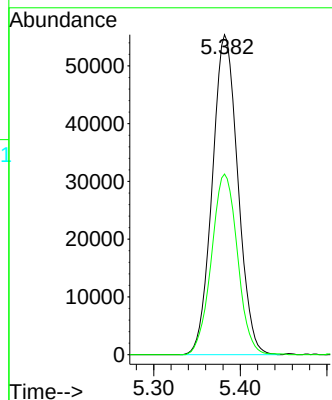
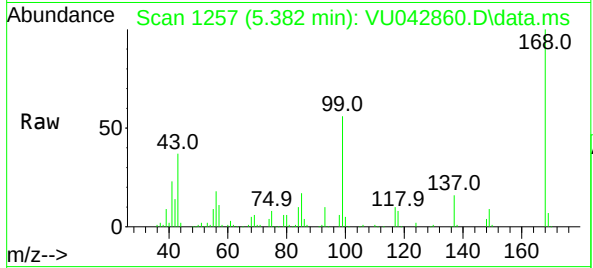




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.003 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

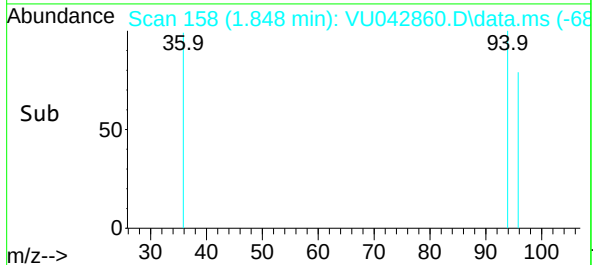
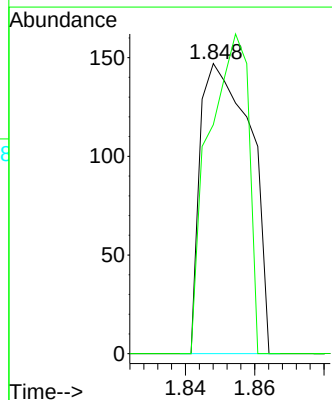
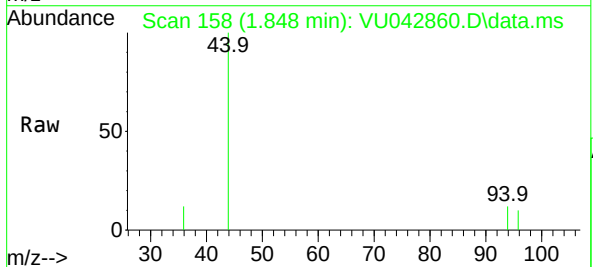
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

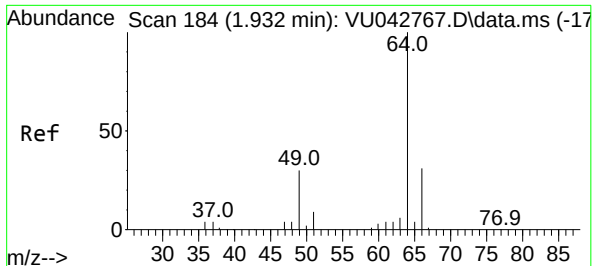
Tgt Ion:168 Resp: 113610  
Ion Ratio Lower Upper  
168 100  
99 56.4 46.4 69.6



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.848 min Scan# 158  
Delta R.T. -0.010 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 94 Resp: 148  
Ion Ratio Lower Upper  
94 100  
96 78.9 77.1 115.7

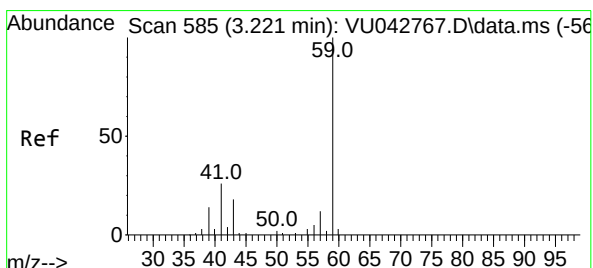
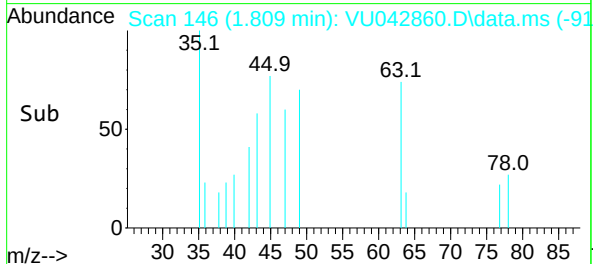
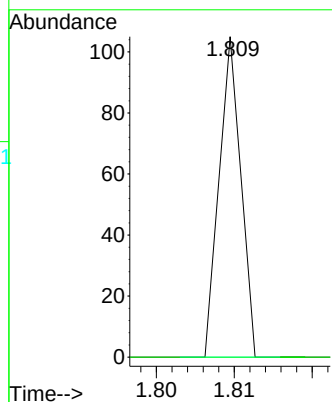
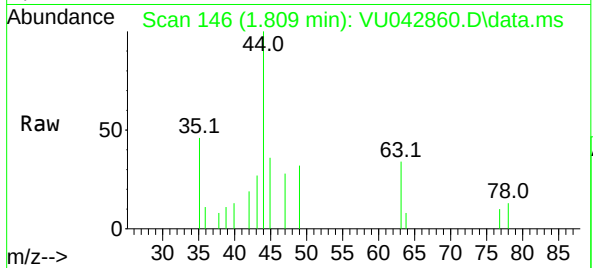




#6  
Chloroethane  
Concen: Below Cal  
RT: 1.809 min Scan# 146  
Delta R.T. -0.123 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

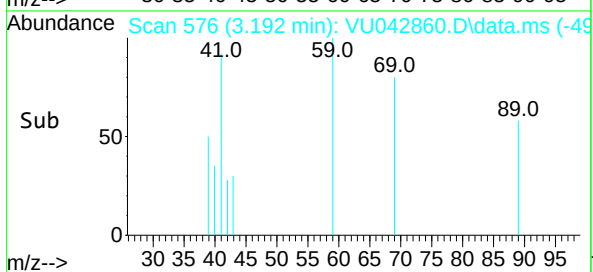
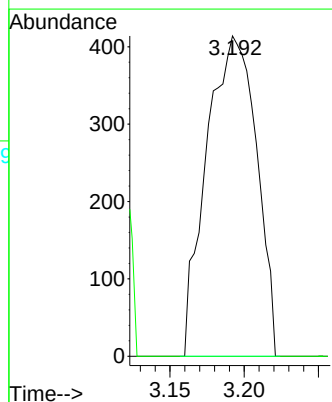
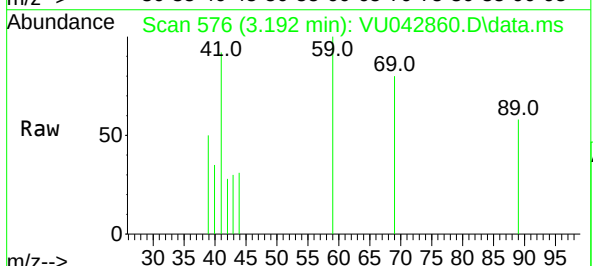
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

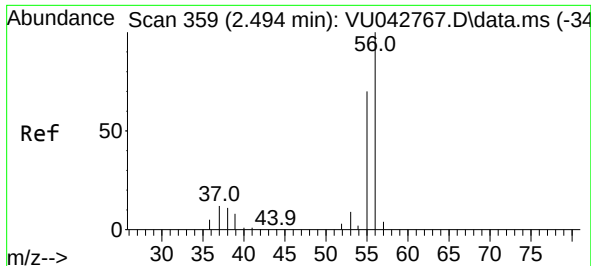
Tgt Ion: 64 Resp: 20  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.0 37.6#



#11  
Tert butyl alcohol  
Concen: 2.50 ug/l  
RT: 3.192 min Scan# 576  
Delta R.T. -0.029 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 59 Resp: 968  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.2#

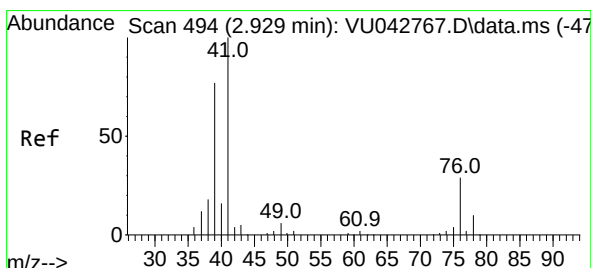
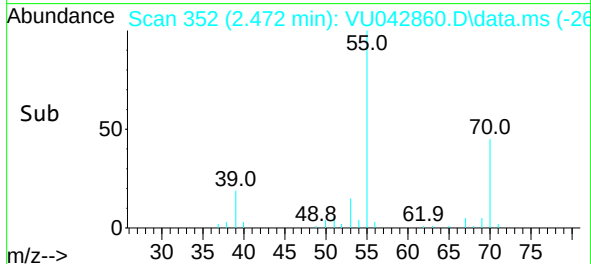
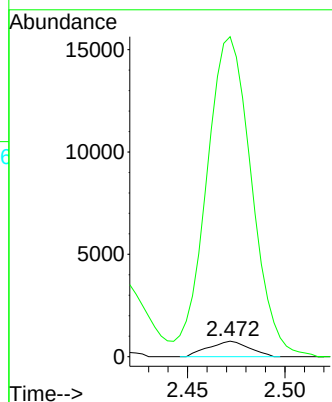
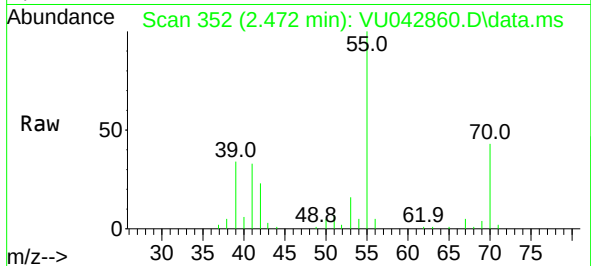




#13  
Acrolein  
Concen: 4.10 ug/l  
RT: 2.472 min Scan# 352  
Delta R.T. -0.022 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

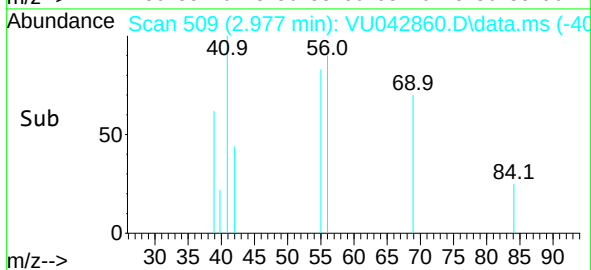
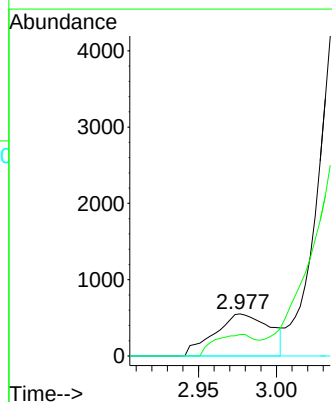
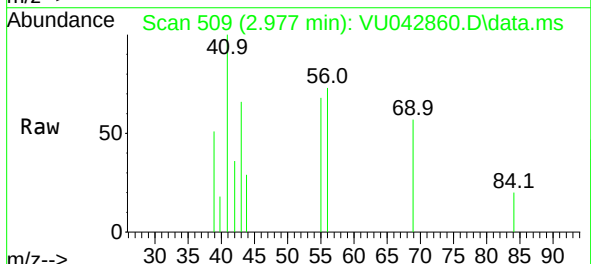
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

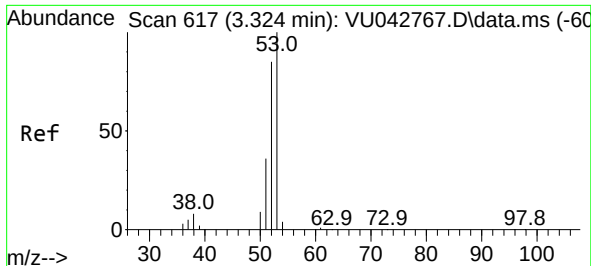
Tgt Ion: 56 Resp: 1099  
Ion Ratio Lower Upper  
56 100  
55 2280.7 55.8 83.8#



#14  
Allyl chloride  
Concen: 0.60 ug/l  
RT: 2.977 min Scan# 509  
Delta R.T. 0.048 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 41 Resp: 1357  
Ion Ratio Lower Upper  
41 100  
39 38.8 57.4 86.2#  
76 0.0 22.0 33.0#

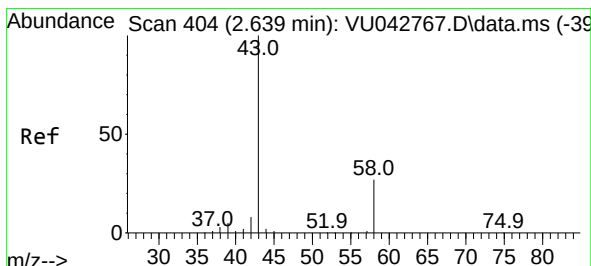
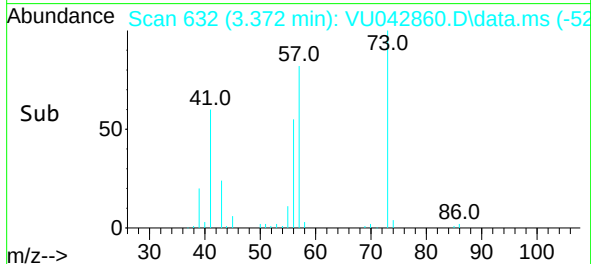
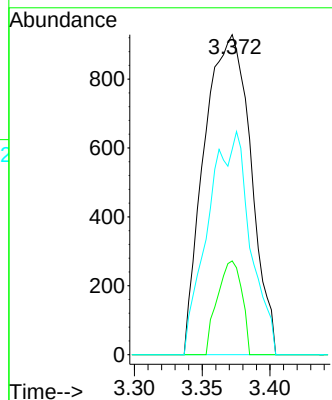
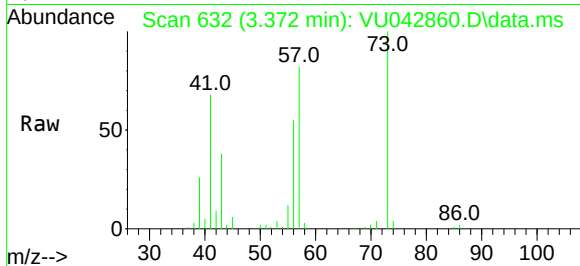




#15  
Acrylonitrile  
Concen: 2.50 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. 0.048 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

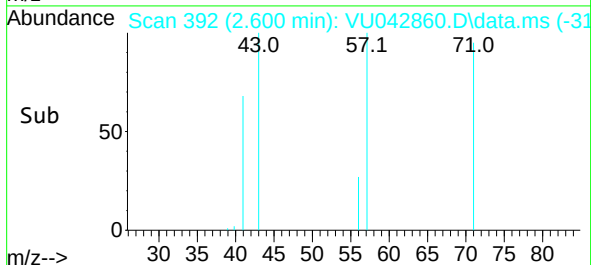
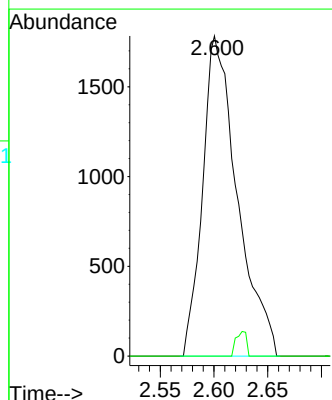
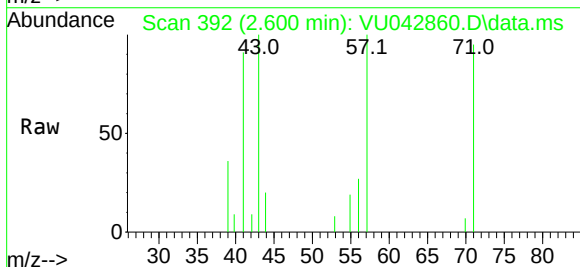
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MSVOA\_U  
ClientSampled :  
B2-10-12ME

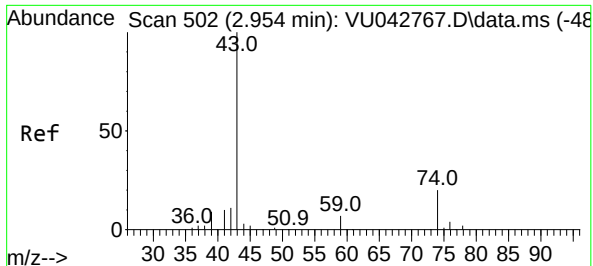
Tgt Ion: 53 Resp: 2223  
Ion Ratio Lower Upper  
53 100  
52 15.3 67.4 101.0#  
51 33.0 29.8 44.6



#16  
Acetone  
Concen: Below Cal  
RT: 2.600 min Scan# 392  
Delta R.T. -0.039 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 43 Resp: 3997  
Ion Ratio Lower Upper  
43 100  
58 0.0 21.6 32.4#

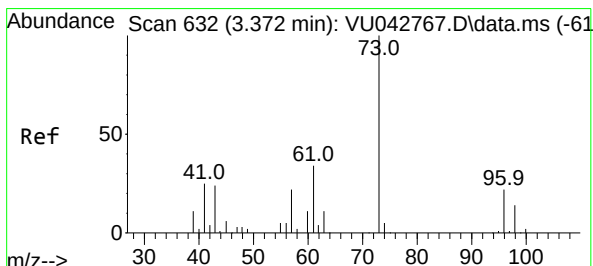
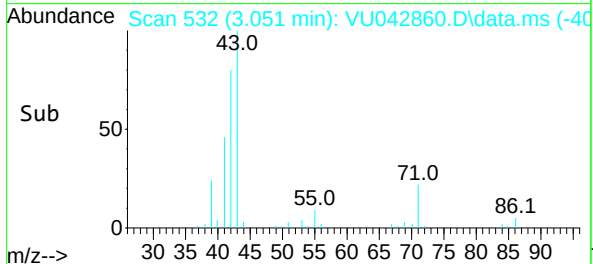
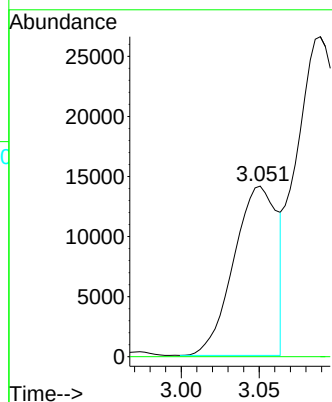
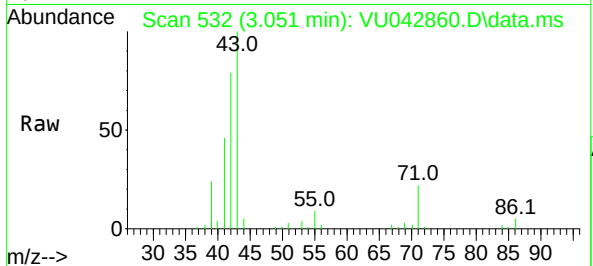




#18  
Methyl Acetate  
Concen: 13.22 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. 0.096 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

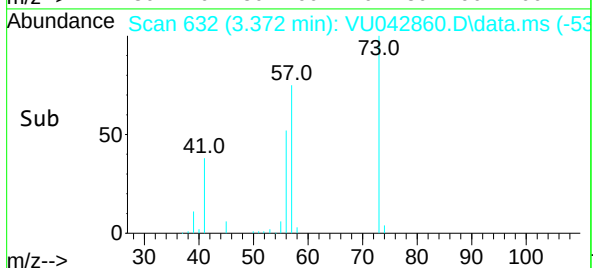
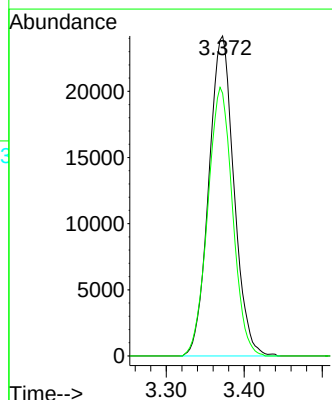
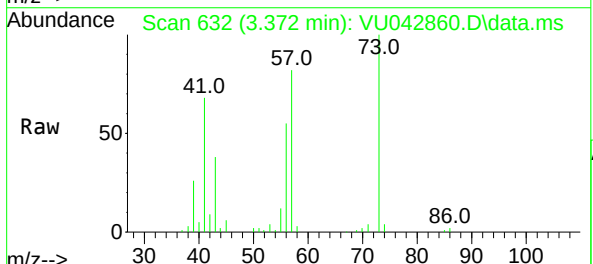
Instrument :  
MSVOA\_U  
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Tgt Ion: 43 Resp: 27427  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.2 24.4#

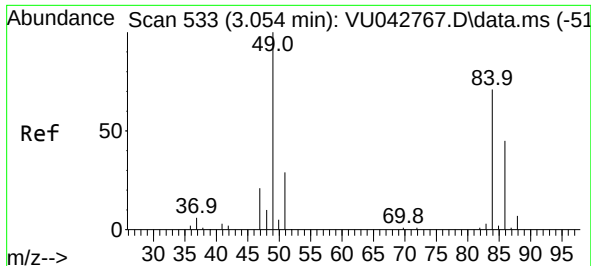


#19  
Methyl tert-butyl Ether  
Concen: 13.87 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 73 Resp: 54219  
Ion Ratio Lower Upper  
73 100  
57 82.1 17.8 26.6#

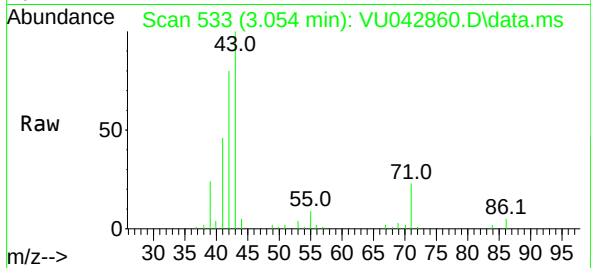




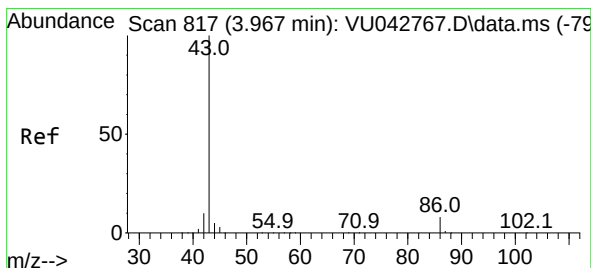
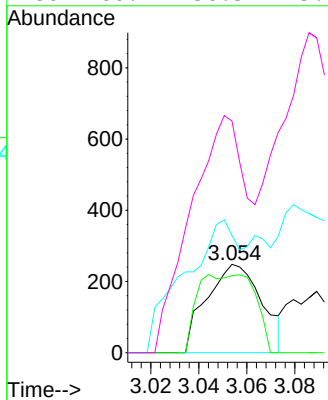
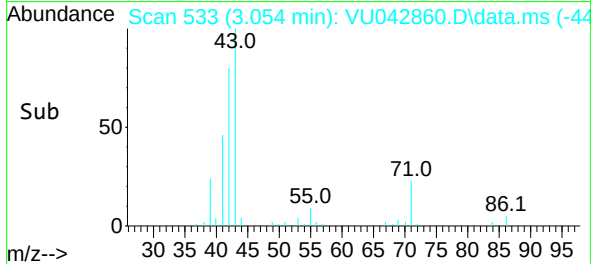


#20  
Methylene Chloride  
Concen: 0.30 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

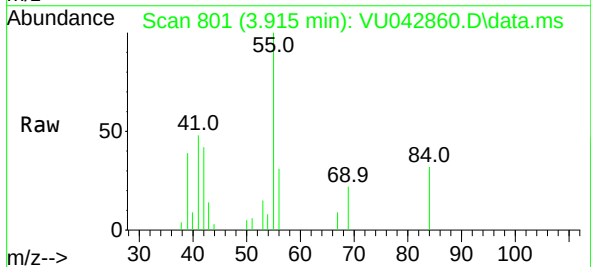
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME



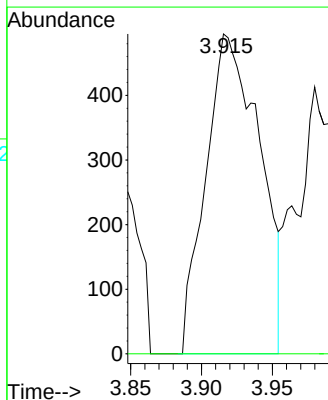
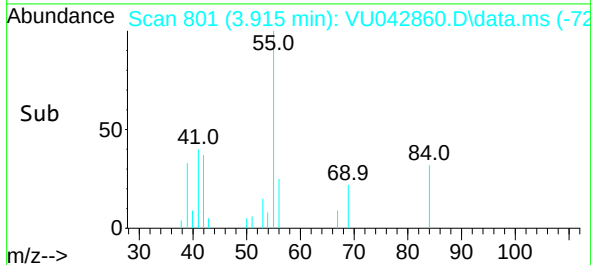
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 396    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 87.1  | 113.0 | 169.4# |
| 51       | 47.2  | 32.9  | 49.3   |
| 86       | 160.1 | 50.5  | 75.7#  |

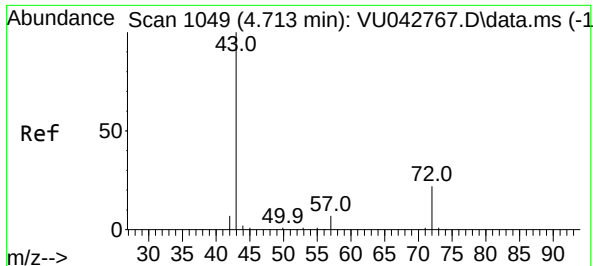


#23  
Vinyl Acetate  
Concen: 0.31 ug/l  
RT: 3.915 min Scan# 801  
Delta R.T. -0.052 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1308  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 6.7   | 10.1# |

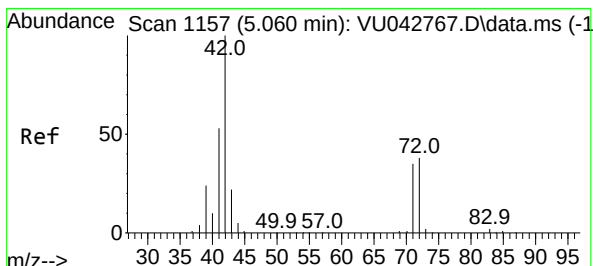
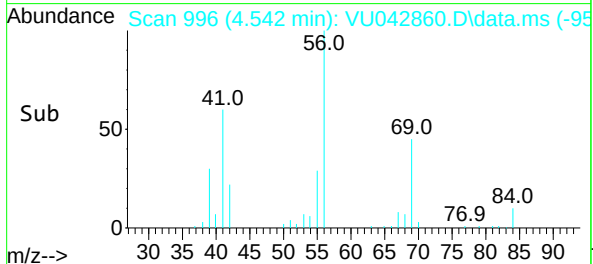
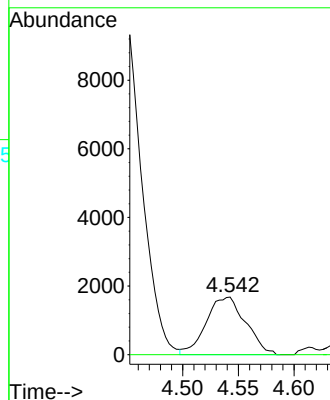
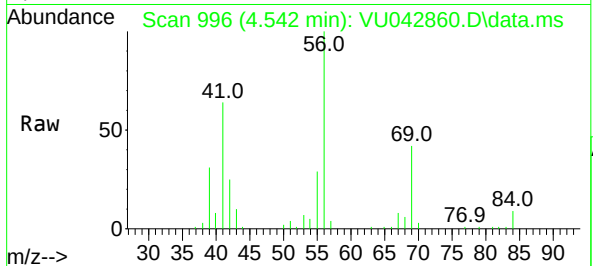




#25  
2-Butanone  
Concen: 2.81 ug/l  
RT: 4.542 min Scan# 996  
Delta R.T. -0.171 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

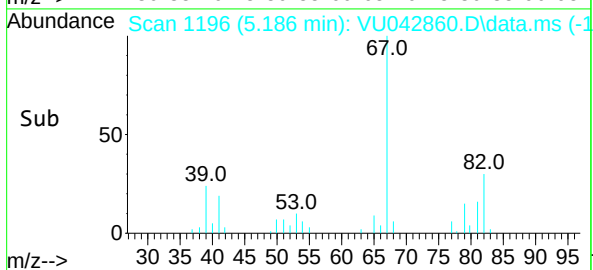
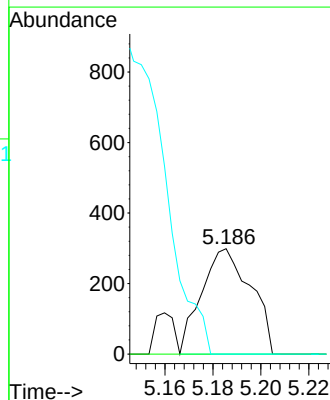
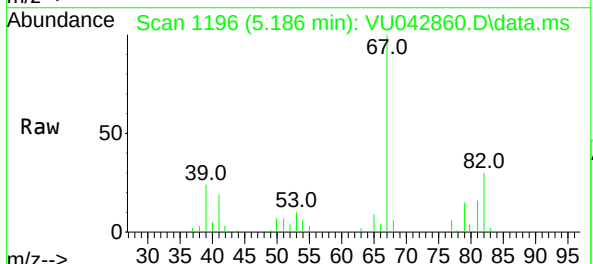
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

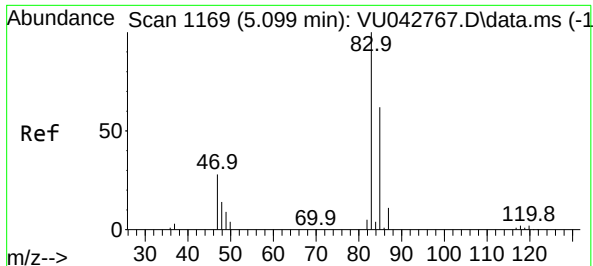
Tgt Ion: 43 Resp: 4136  
Ion Ratio Lower Upper  
43 100  
72 0.0 17.7 26.5#



#29  
Tetrahydrofuran  
Concen: 0.47 ug/l  
RT: 5.186 min Scan# 1196  
Delta R.T. 0.125 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 42 Resp: 427  
Ion Ratio Lower Upper  
42 100  
72 0.0 30.2 45.4#  
71 0.0 28.6 42.8#





#30

Chloroform

Concen: 0.56 ug/l

RT: 5.134 min Scan# 1180

Delta R.T. 0.035 min

Lab File: VU042860.D

Acq: 31 Mar 2021 16:17

Instrument :

MSVOA\_U

ClientSampleId :

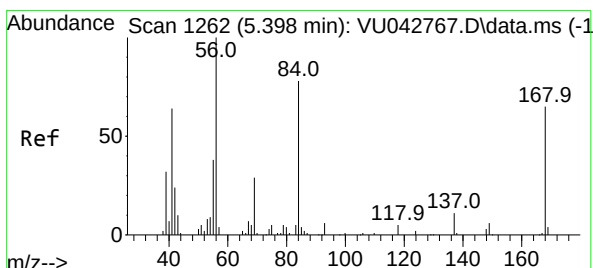
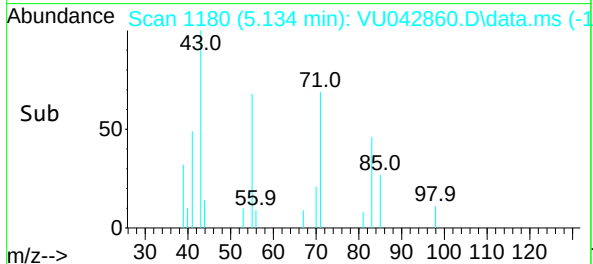
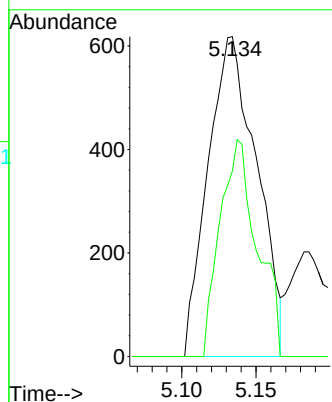
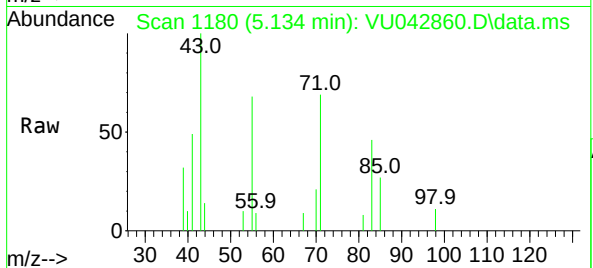
B2-10-12ME

Tgt Ion: 83 Resp: 1411

Ion Ratio Lower Upper

83 100

85 57.9 49.9 74.9



#31

Cyclohexane

Concen: 12.46 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.013 min

Lab File: VU042860.D

Acq: 31 Mar 2021 16:17

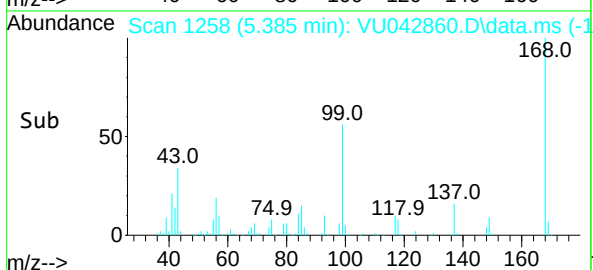
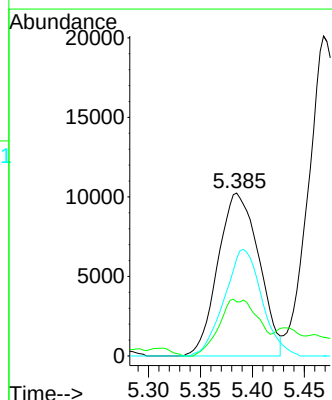
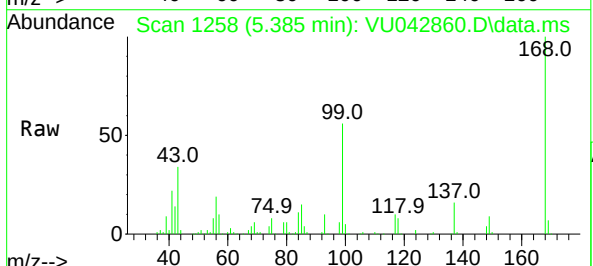
Tgt Ion: 56 Resp: 28084

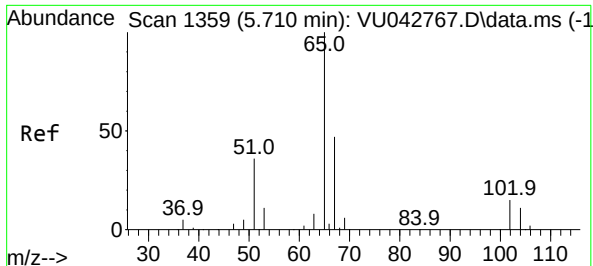
Ion Ratio Lower Upper

56 100

69 32.2 23.3 34.9

84 59.7 62.2 93.4#





#33

1,2-Dichloroethane-d4

Concen: 48.57 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU042860.D

Acq: 31 Mar 2021 16:17

Tgt Ion: 65 Resp: 87963

Ion Ratio Lower Upper

65 100

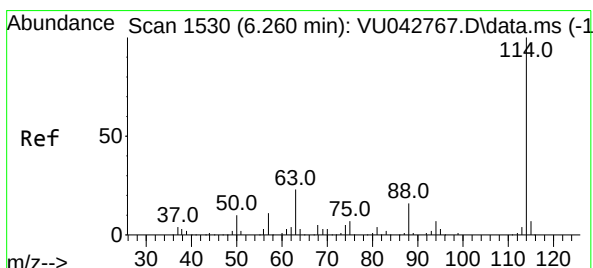
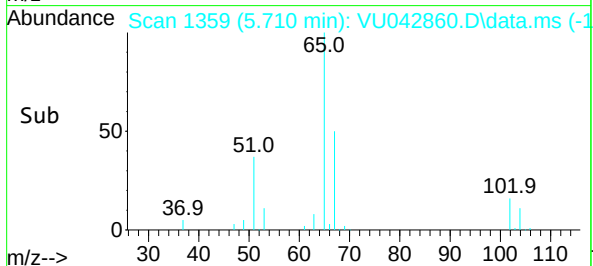
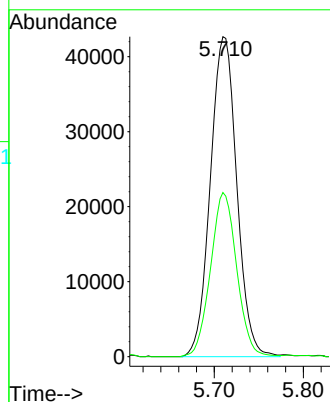
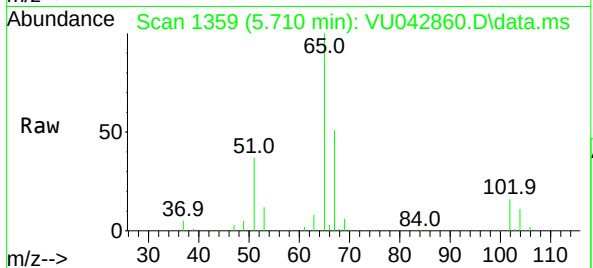
67 50.8 0.0 98.8

Instrument :

MSVOA\_U

ClientSampleId :

B2-10-12ME



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.004 min

Lab File: VU042860.D

Acq: 31 Mar 2021 16:17

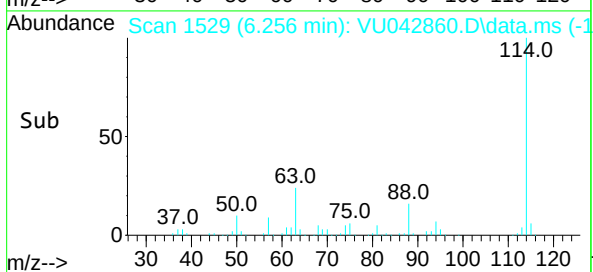
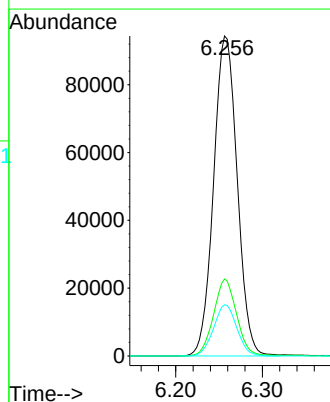
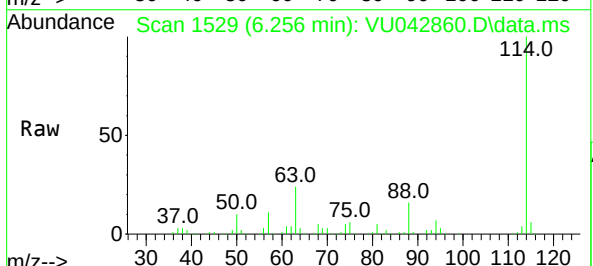
Tgt Ion: 114 Resp: 178789

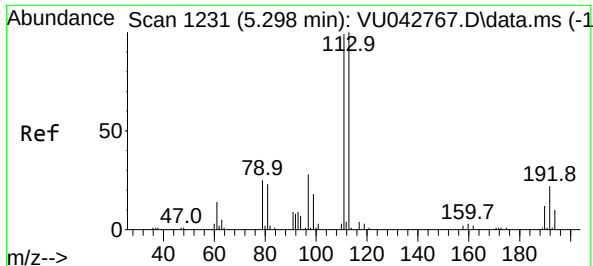
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 16.0 0.0 32.2

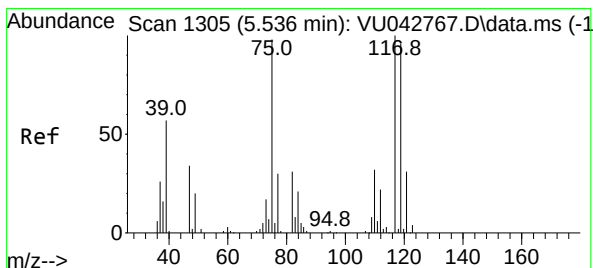
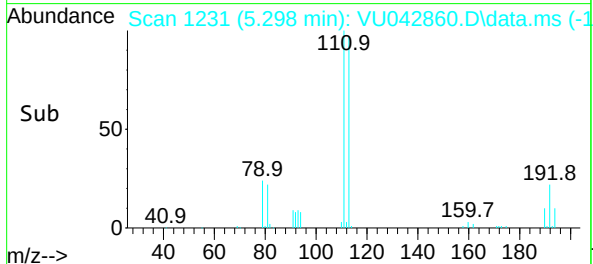
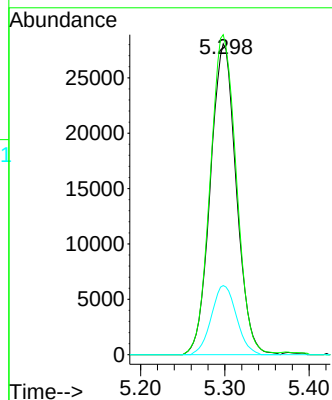
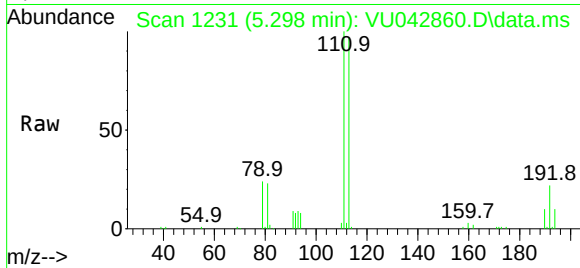




#35  
Dibromofluoromethane  
Concen: 44.80 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

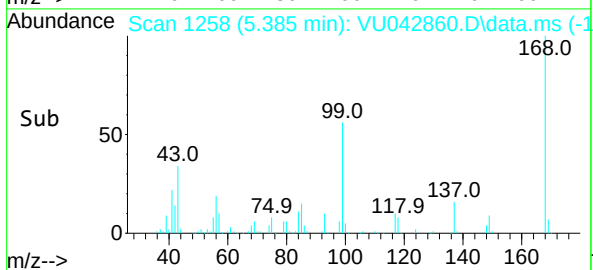
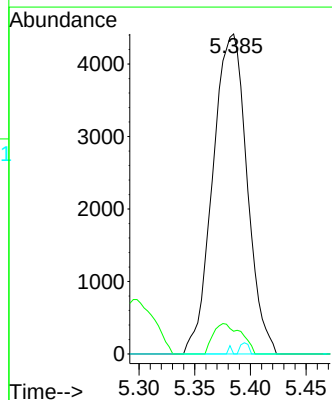
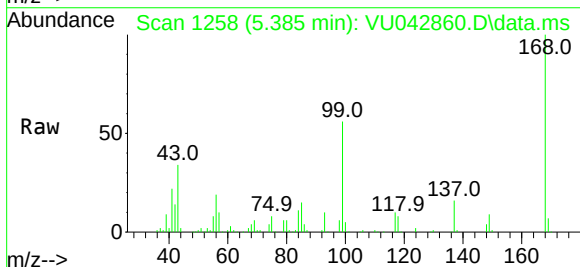
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

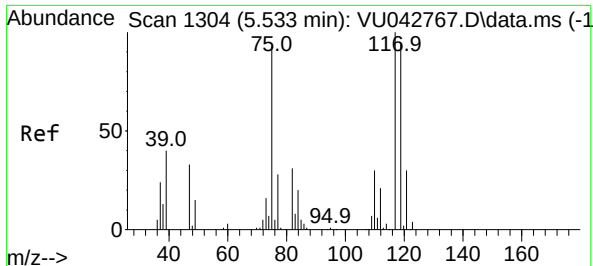
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 59778 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.1 | 82.1  | 123.1 |
| 192      | 21.6  | 17.6  | 26.4  |



#36  
1,1-Dichloropropene  
Concen: 5.33 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. -0.151 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

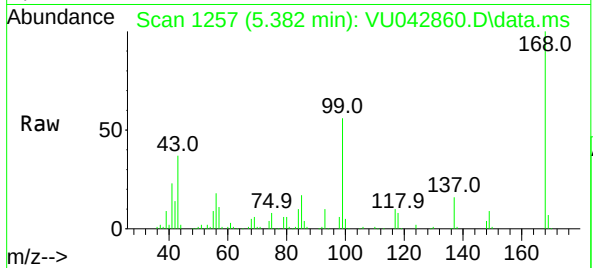
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 9426  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 7.8   | 16.6  | 49.7# |
| 77       | 0.0   | 24.7  | 37.1# |



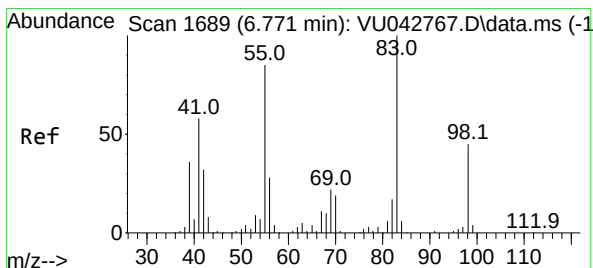
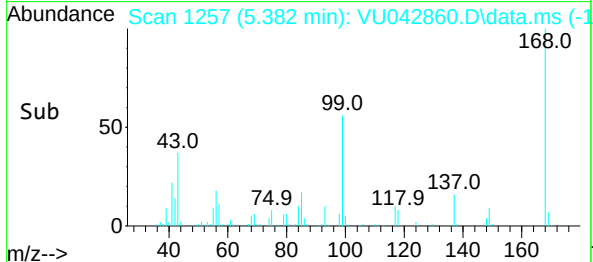
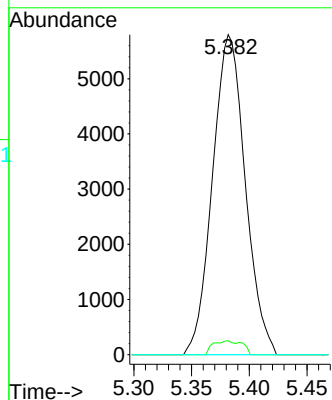


#38  
Carbon Tetrachloride  
Concen: 5.66 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.151 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

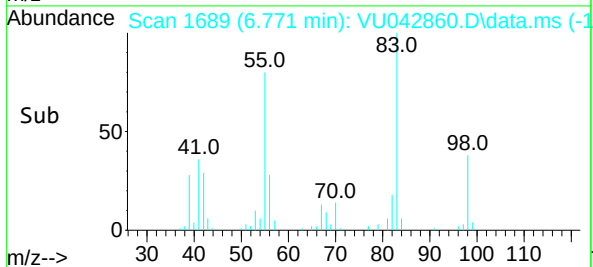
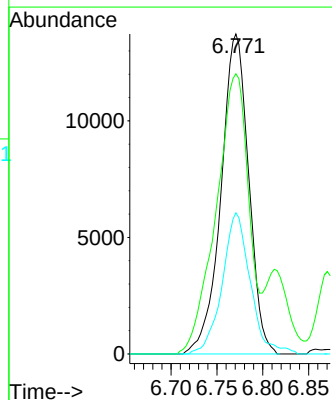
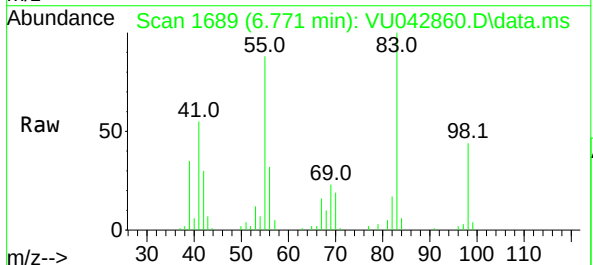


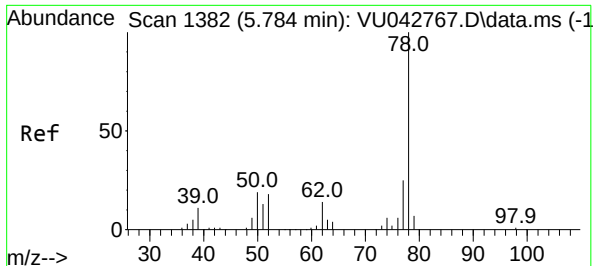
Tgt Ion:117 Resp: 11430  
Ion Ratio Lower Upper  
117 100  
119 4.3 75.2 112.8#  
121 0.0 24.2 36.4#



#39  
Methylcyclohexane  
Concen: 14.21 ug/l  
RT: 6.771 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 83 Resp: 28774  
Ion Ratio Lower Upper  
83 100  
55 86.7 68.2 102.4  
98 44.1 36.3 54.5

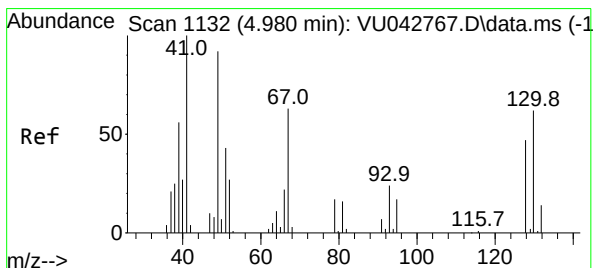
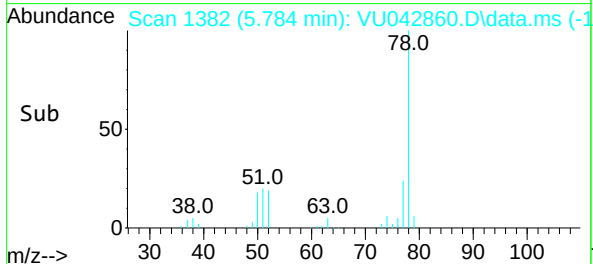
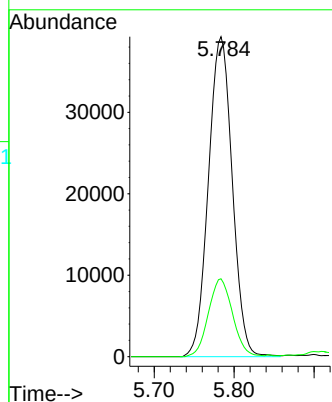
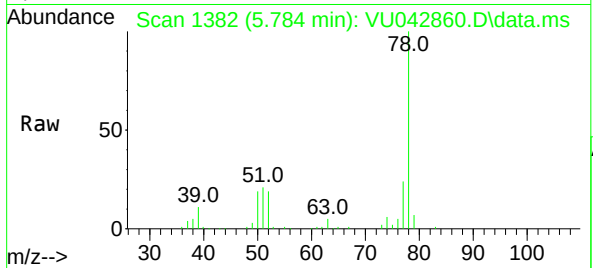




#40  
Benzene  
Concen: 15.36 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

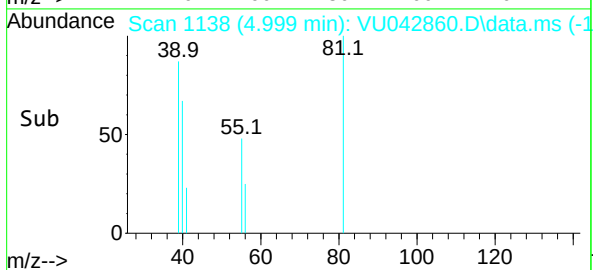
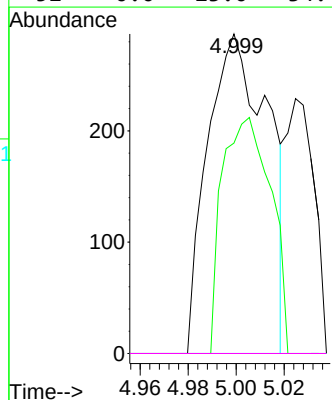
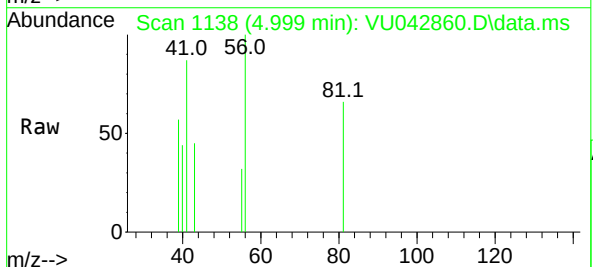
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

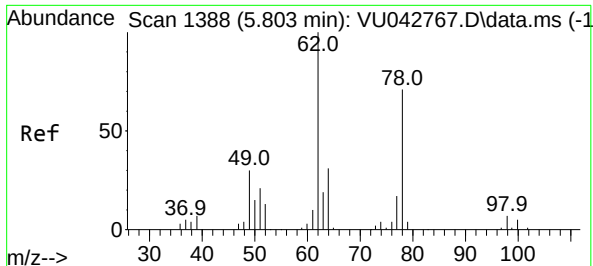
Tgt Ion: 78 Resp: 81274  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.9 29.9



#41  
Methacrylonitrile  
Concen: 0.35 ug/l  
RT: 4.999 min Scan# 1138  
Delta R.T. 0.019 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 41 Resp: 503  
Ion Ratio Lower Upper  
41 100  
39 59.2 45.4 68.2  
67 0.0 50.6 76.0#  
52 0.0 23.0 34.4#





#42

1,2-Dichloroethane

Concen: 0.40 ug/l

RT: 5.793 min Scan# 1385

Delta R.T. -0.010 min

Lab File: VU042860.D

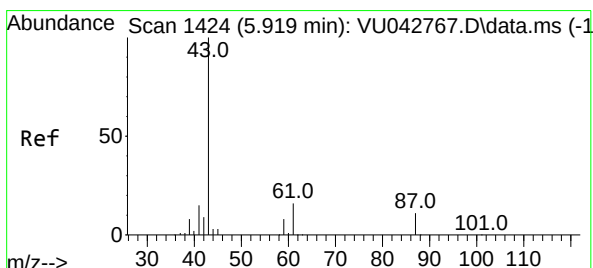
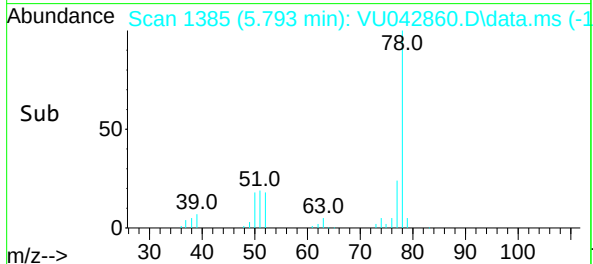
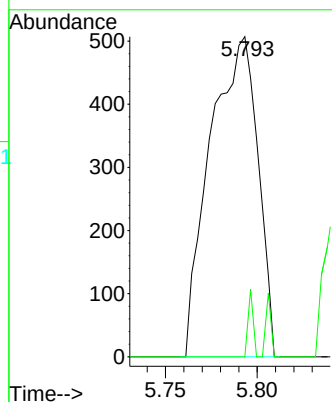
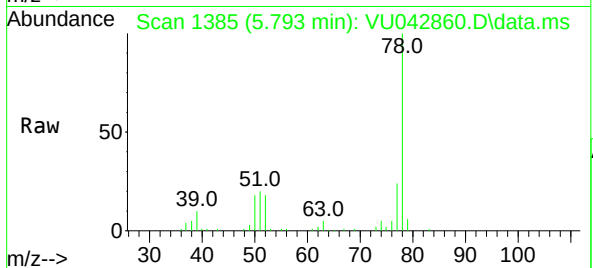
Acq: 31 Mar 2021 16:17

Tgt Ion: 62 Resp: 916

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.0



#43

Isopropyl Acetate

Concen: 26.43 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. -0.010 min

Lab File: VU042860.D

Acq: 31 Mar 2021 16:17

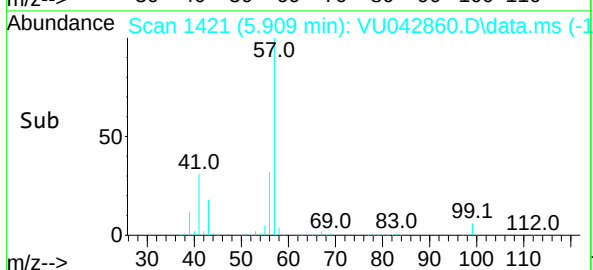
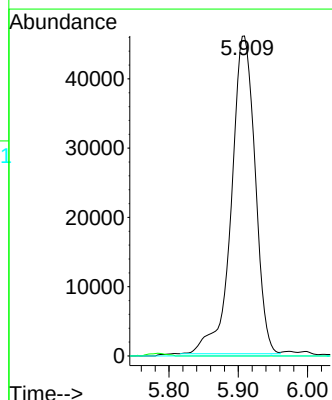
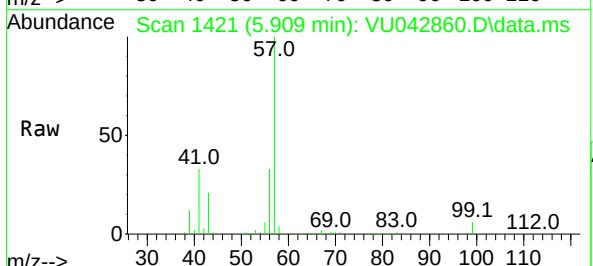
Tgt Ion: 43 Resp: 109234

Ion Ratio Lower Upper

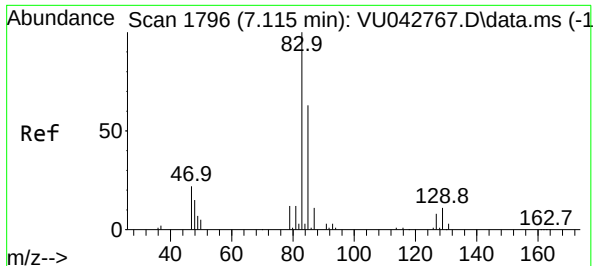
43 100

61 0.0 13.4 20.0#

87 0.0 8.7 13.1#



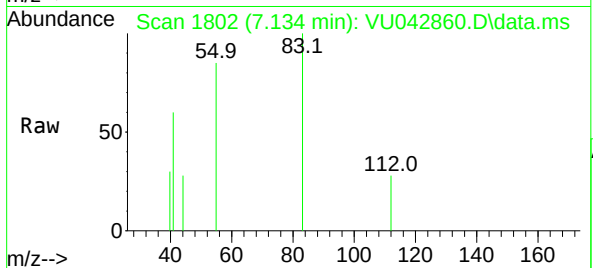




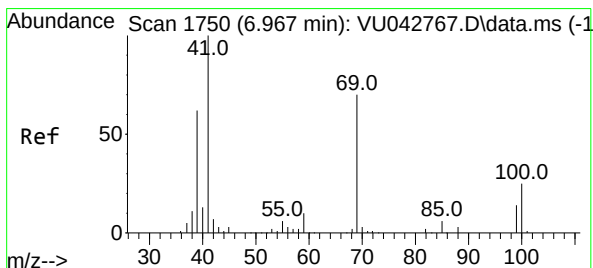
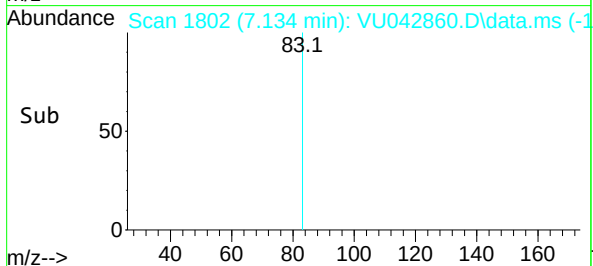
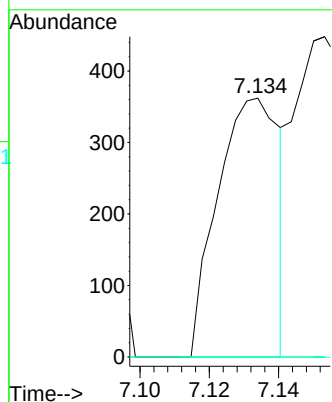
#47

Bromodichloromethane  
 Concen: 0.22 ug/l  
 RT: 7.134 min Scan# 1802  
 Delta R.T. 0.019 min  
 Lab File: VU042860.D  
 Acq: 31 Mar 2021 16:17

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B2-10-12ME

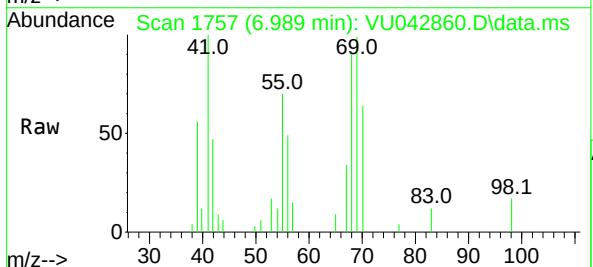


|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 446   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 0.0      | 50.2 75.2#  |
| 127 0.0     | 6.8 10.2#   |

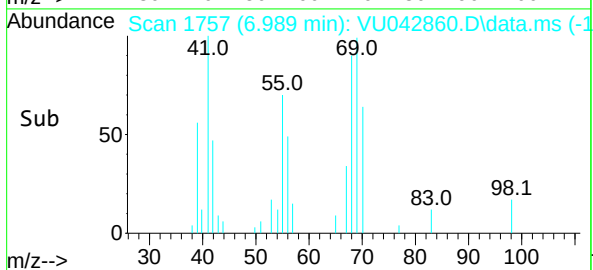
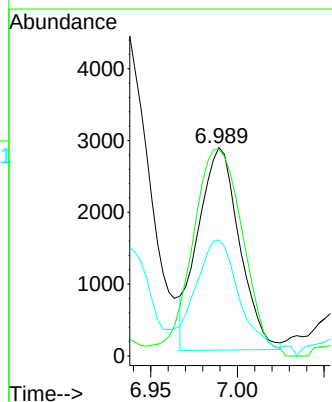


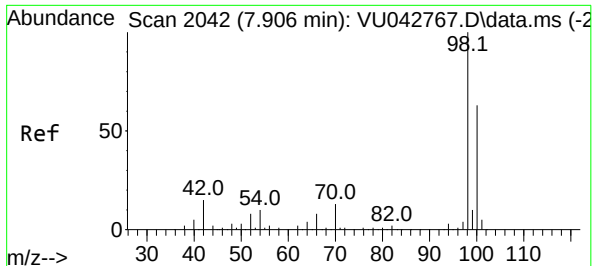
#48

Methyl methacrylate  
 Concen: 2.35 ug/l  
 RT: 6.989 min Scan# 1757  
 Delta R.T. 0.022 min  
 Lab File: VU042860.D  
 Acq: 31 Mar 2021 16:17



|             |            |       |       |
|-------------|------------|-------|-------|
| Tgt Ion: 41 | Resp: 4685 |       |       |
| Ion Ratio   | Lower      | Upper |       |
| 41          | 100        |       |       |
| 69          | 125.0      | 55.9  | 83.9# |
| 39          | 65.1       | 49.7  | 74.5  |

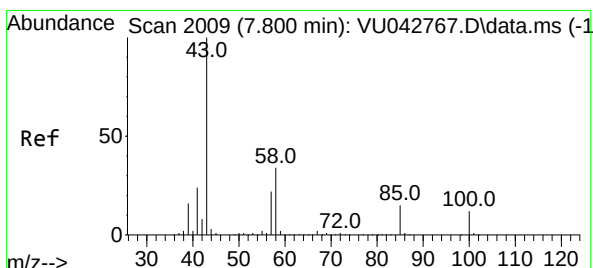
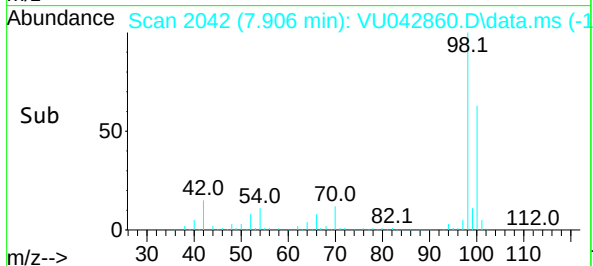
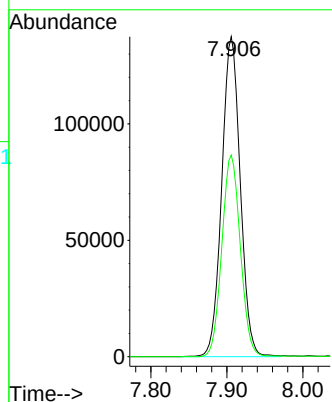
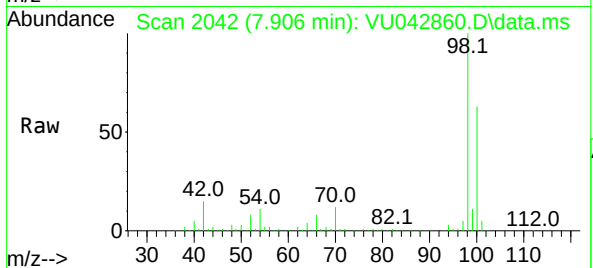




#50  
Toluene-d8  
Concen: 49.54 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

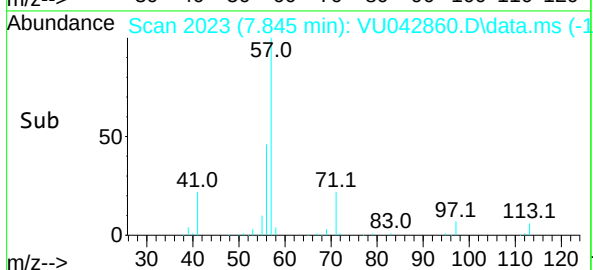
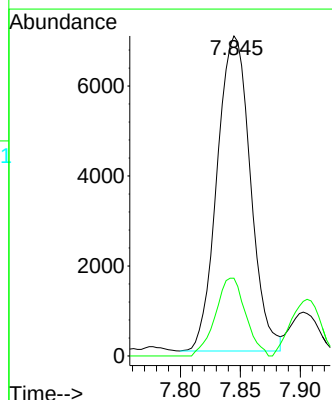
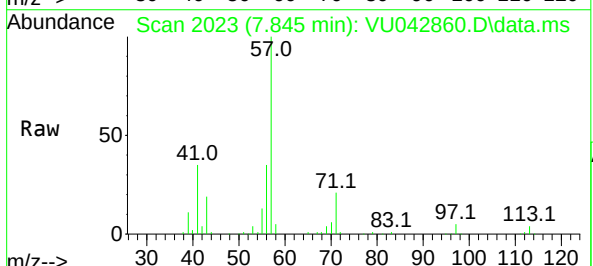
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

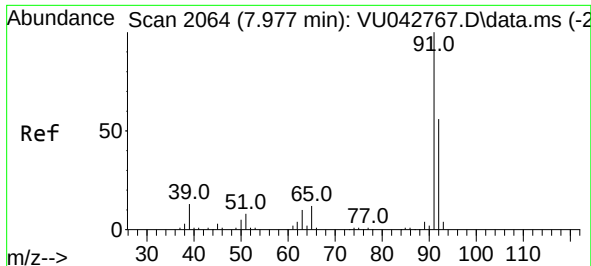
Tgt Ion: 98 Resp: 232540  
Ion Ratio Lower Upper  
98 100  
100 62.9 50.4 75.6



#51  
4-Methyl-2-Pentanone  
Concen: 4.67 ug/l  
RT: 7.845 min Scan# 2023  
Delta R.T. 0.045 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 43 Resp: 13511  
Ion Ratio Lower Upper  
43 100  
58 22.3 27.4 41.2#

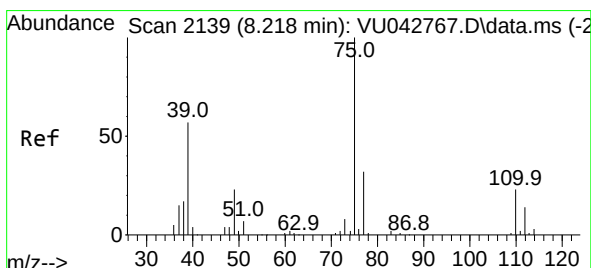
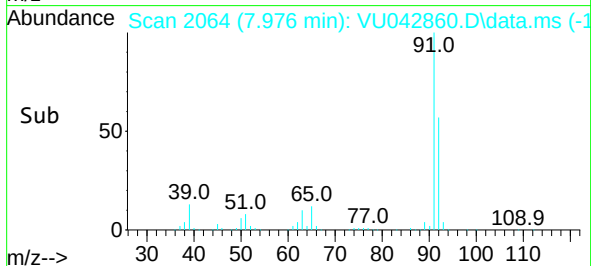
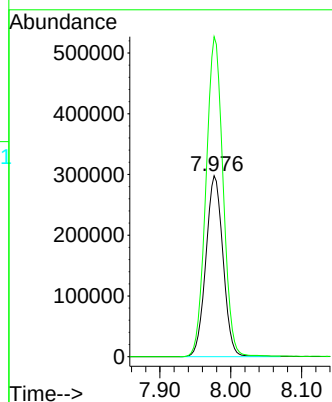
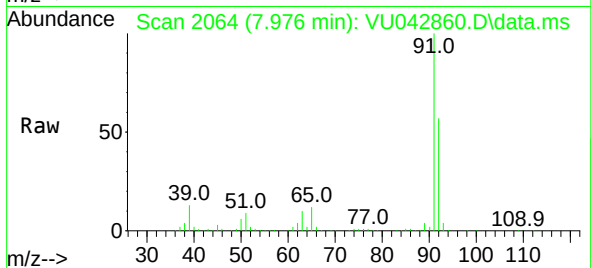




#52  
Toluene  
Concen: 154.63 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

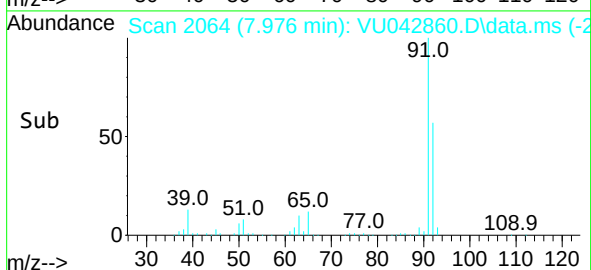
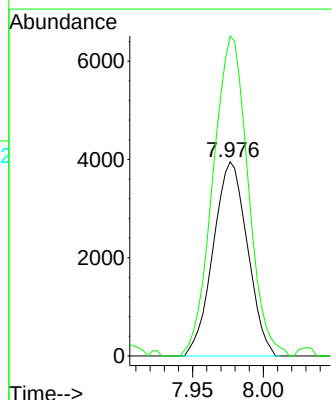
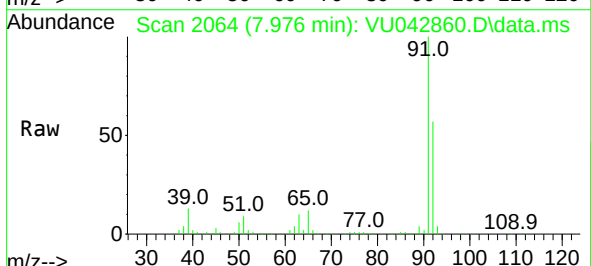
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

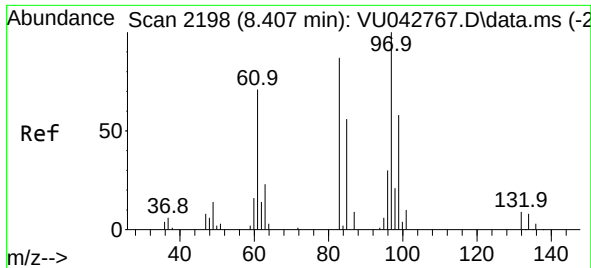
Tgt Ion: 92 Resp: 500115  
Ion Ratio Lower Upper  
92 100  
91 176.6 140.6 210.8



#53  
t-1,3-Dichloropropene  
Concen: 3.09 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.241 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 75 Resp: 6648  
Ion Ratio Lower Upper  
75 100  
77 164.8 25.6 38.4#

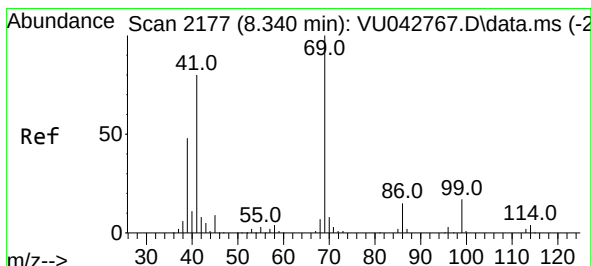
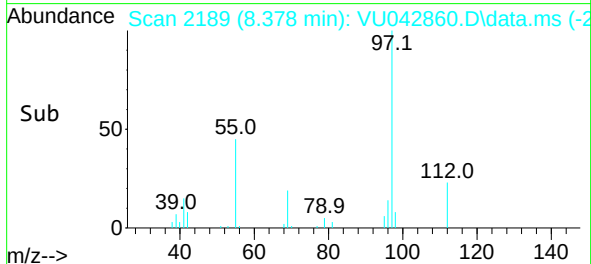
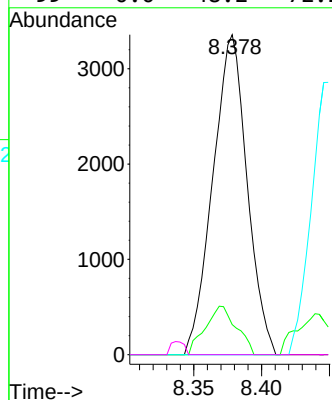
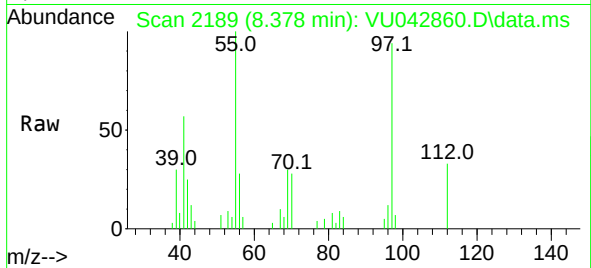




#55  
1,1,2-Trichloroethane  
Concen: 4.24 ug/l  
RT: 8.378 min Scan# 2189  
Delta R.T. -0.029 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

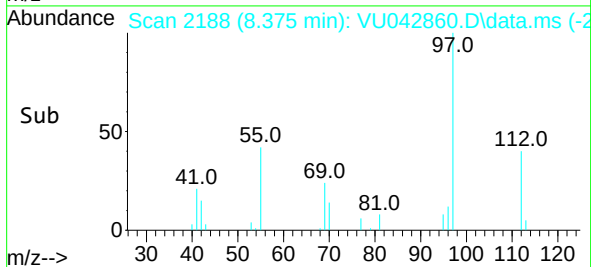
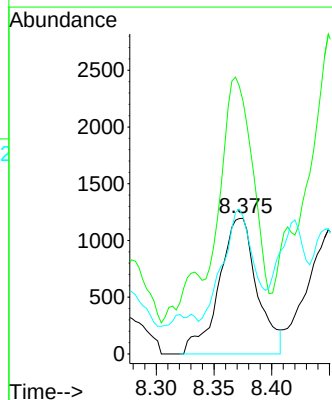
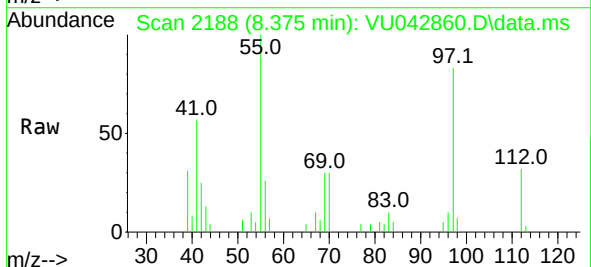
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

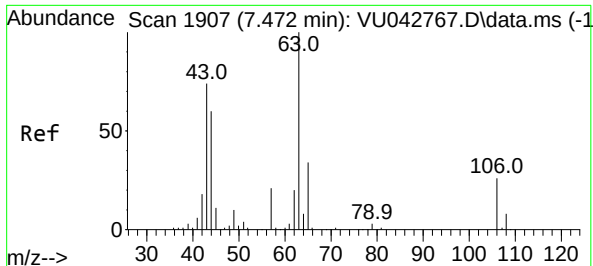
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 5899  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 9.4      | 69.4 104.0# |
| 85 0.0      | 45.0 67.4#  |
| 99 0.0      | 48.2 72.2#  |



#56  
Ethyl methacrylate  
Concen: 1.29 ug/l  
RT: 8.375 min Scan# 2188  
Delta R.T. 0.035 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 2736  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 162.8    | 64.6 97.0#  |
| 39 64.9     | 38.2 57.2#  |

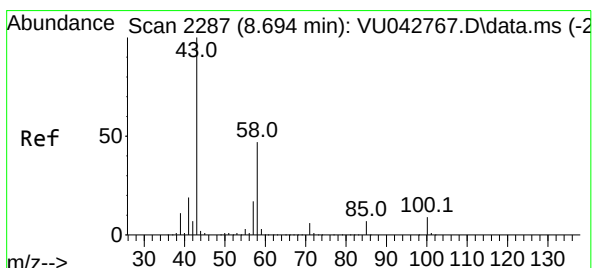
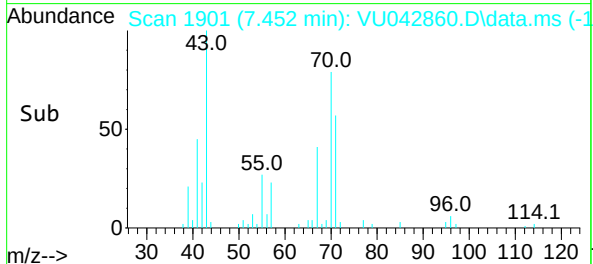
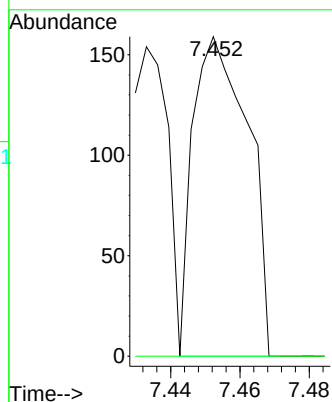
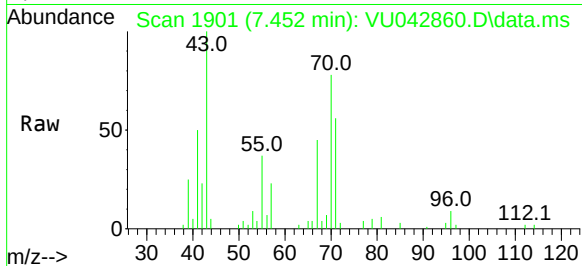




#58  
2-Chloroethyl Vinyl ether  
Concen: 26.77 ug/l  
RT: 7.452 min Scan# 1901  
Delta R.T. -0.020 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

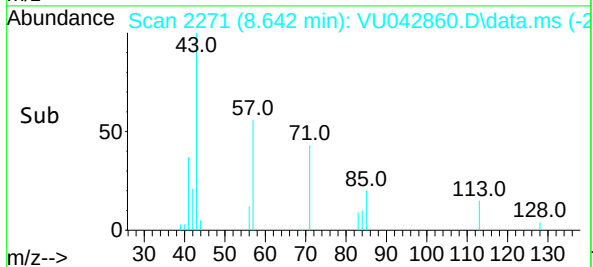
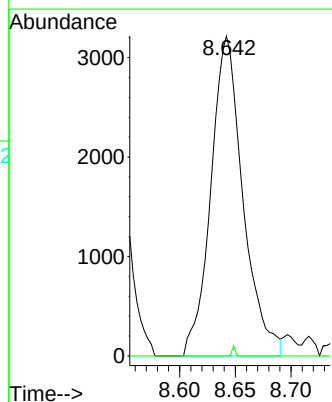
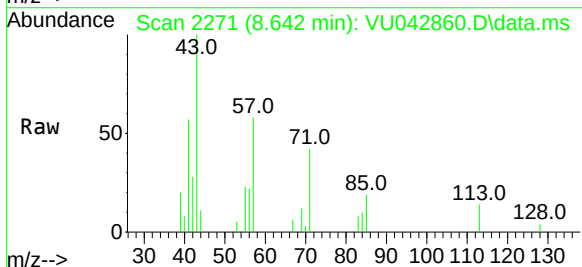
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

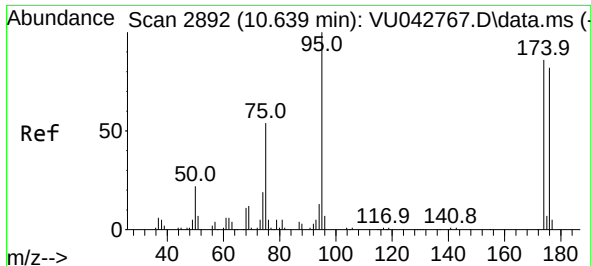
Tgt Ion: 63 Resp: 176  
Ion Ratio Lower Upper  
63 100  
106 0.0 20.3 30.5#



#59  
2-Hexanone  
Concen: 2.80 ug/l  
RT: 8.642 min Scan# 2271  
Delta R.T. -0.052 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 43 Resp: 6447  
Ion Ratio Lower Upper  
43 100  
58 0.0 23.8 71.2#

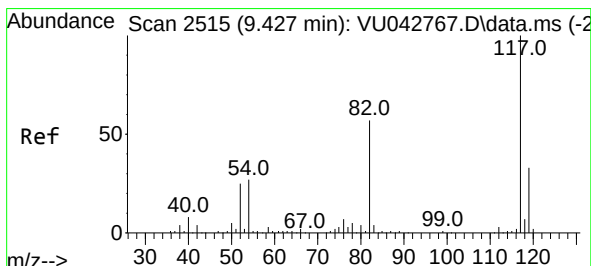
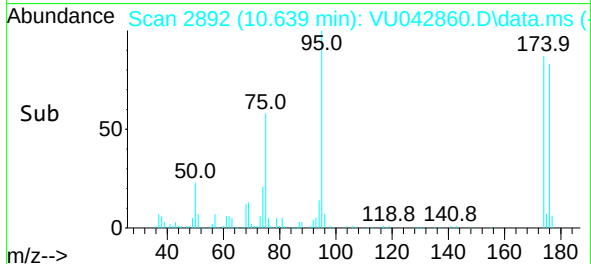
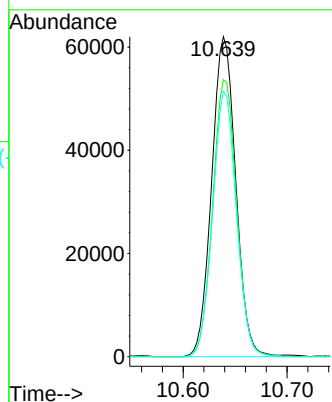
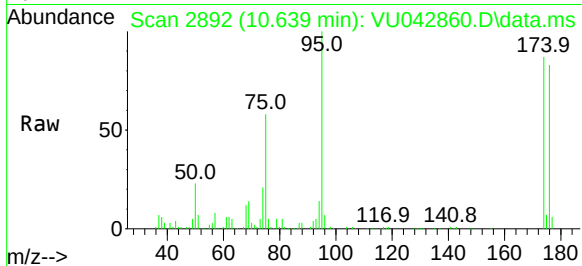




#62  
4-Bromofluorobenzene  
Concen: 54.70 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

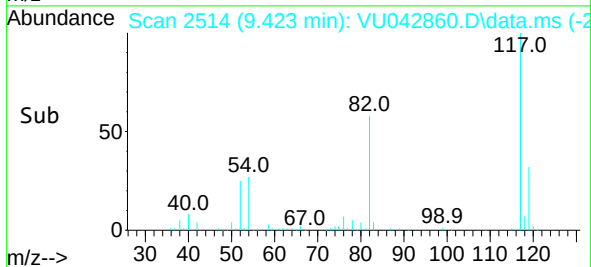
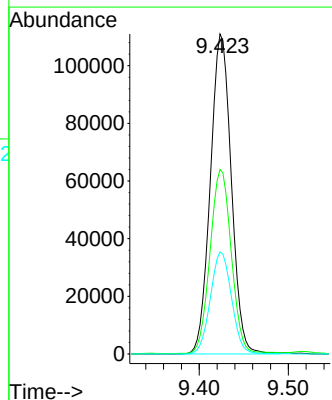
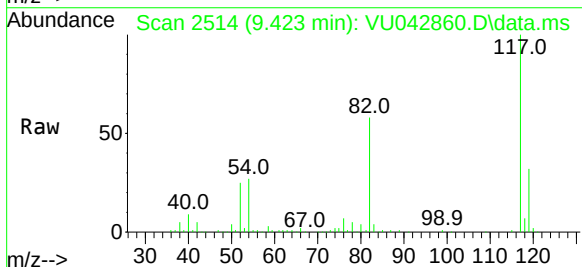
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

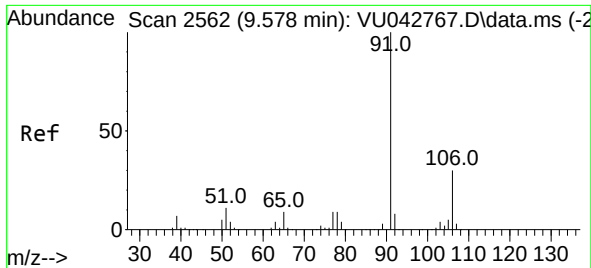
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 99781 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 86.3  | 0.0   | 175.2 |
| 176       | 81.9  | 0.0   | 167.4 |



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. -0.003 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 181380 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 57.5  | 45.5  | 68.3   |
| 119       | 31.9  | 26.2  | 39.4   |

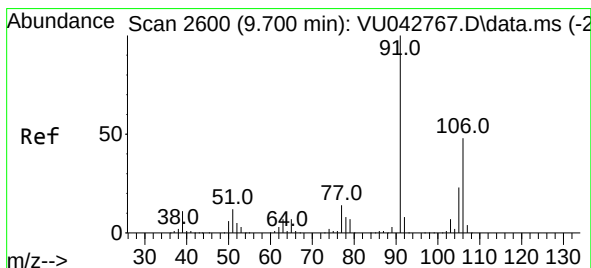
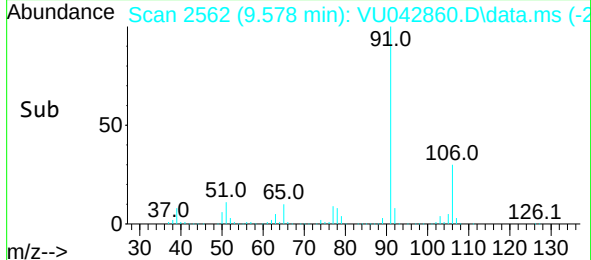
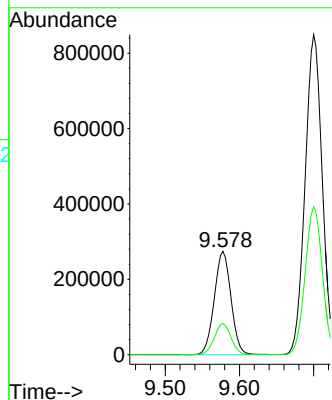
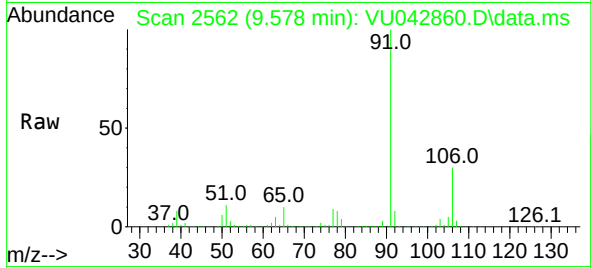




#67  
Ethyl Benzene  
Concen: 64.85 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

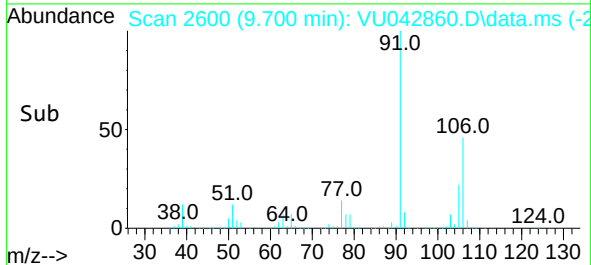
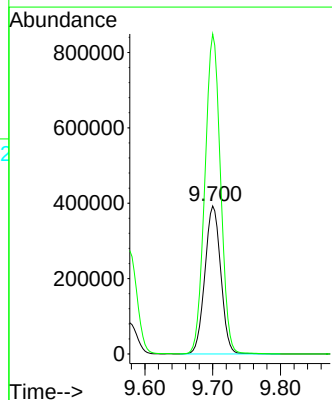
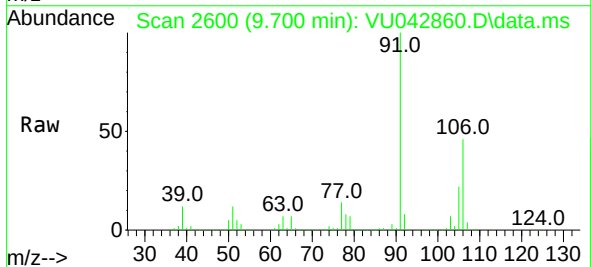
Instrument :  
MSVOA\_U  
ClientSampled :  
B2-10-12ME

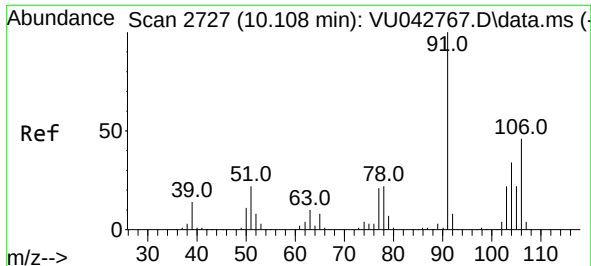
Tgt Ion: 91 Resp: 428914  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.1 36.1



#68  
m/p-Xylenes  
Concen: 261.91 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 106 Resp: 638503  
Ion Ratio Lower Upper  
106 100  
91 213.6 168.3 252.5

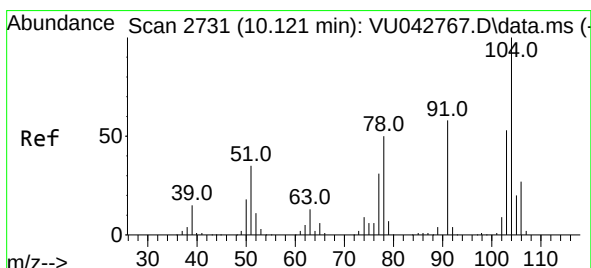
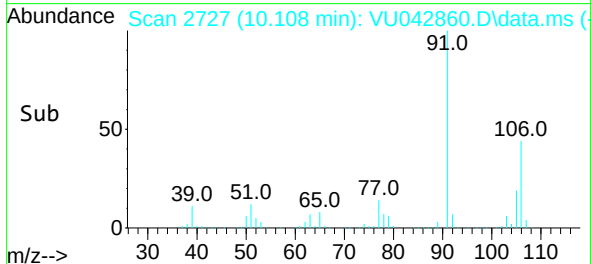
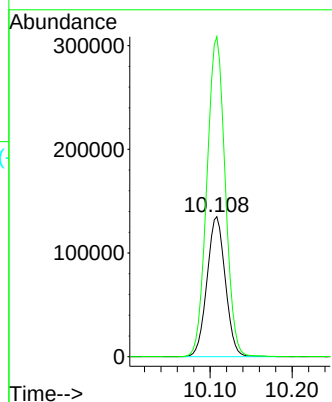
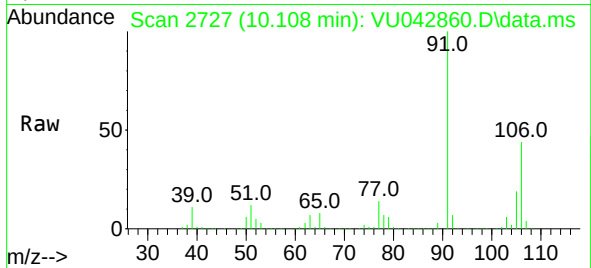




#69  
o-Xylene  
Concen: 88.66 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

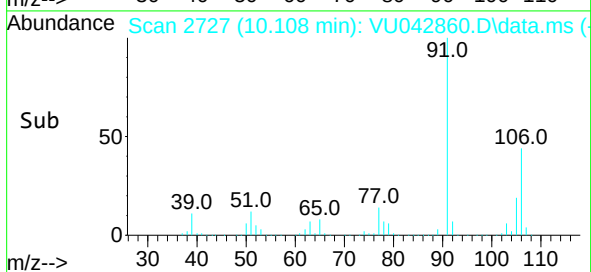
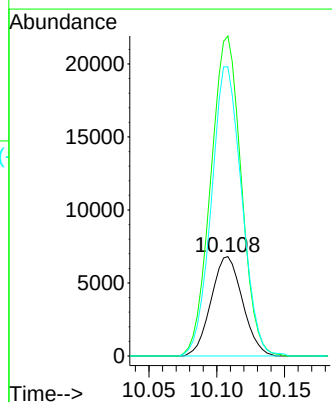
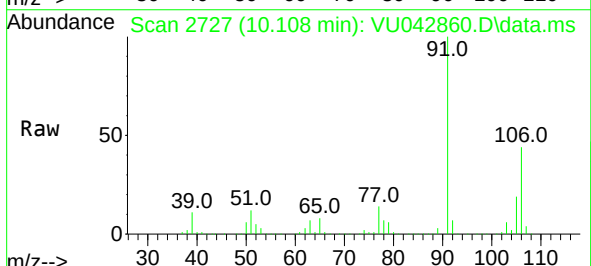
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

Tgt Ion:106 Resp: 209213  
Ion Ratio Lower Upper  
106 100  
91 228.6 109.9 329.7

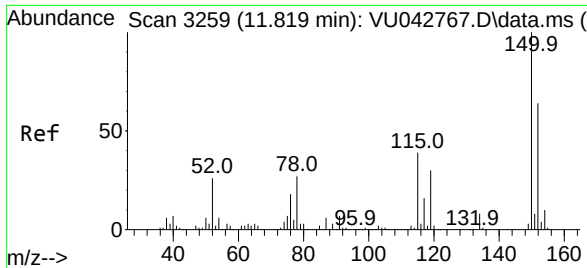


#70  
Styrene  
Concen: 2.75 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. -0.013 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion:104 Resp: 10972  
Ion Ratio Lower Upper  
104 100  
78 312.3 43.2 64.8#  
103 281.5 45.0 67.4#



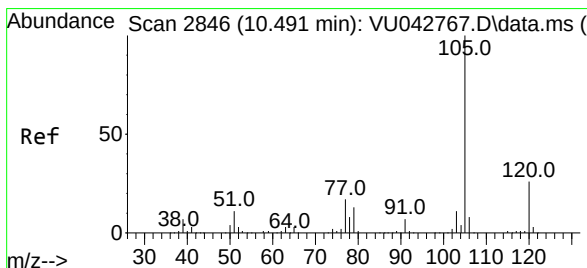
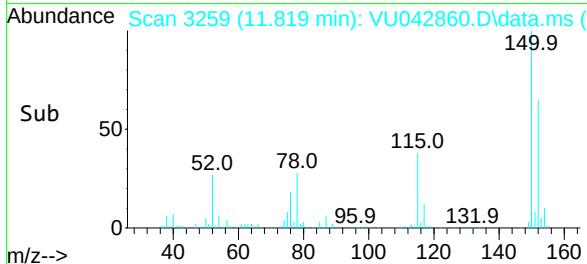
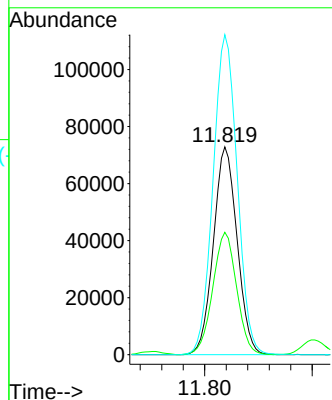
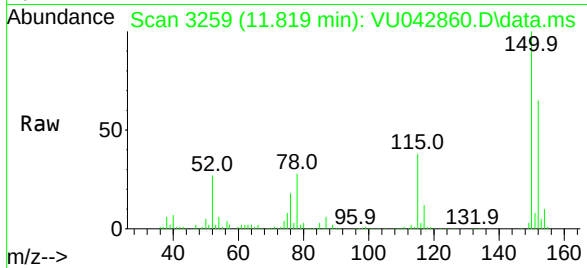




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

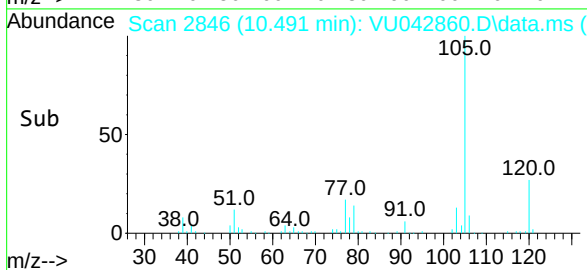
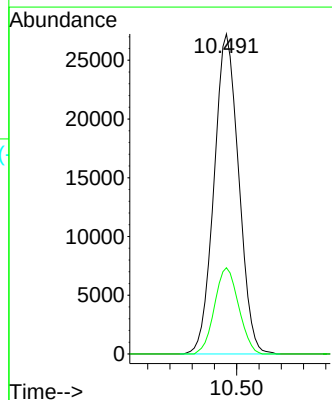
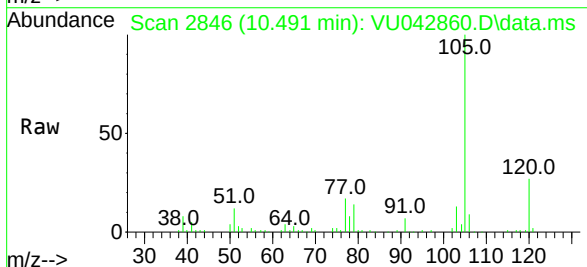
Instrument :  
MSVOA\_U  
ClientSampleId :  
B2-10-12ME

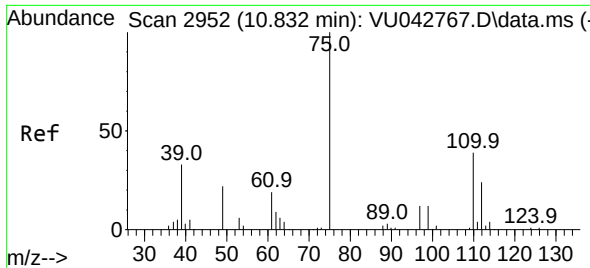
Tgt Ion:152 Resp: 111527  
Ion Ratio Lower Upper  
152 100  
115 59.4 41.0 123.0  
150 156.9 0.0 341.0



#73  
Isopropylbenzene  
Concen: 5.92 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion:105 Resp: 41825  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.9 38.6

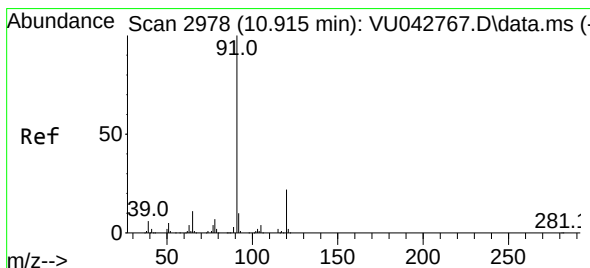
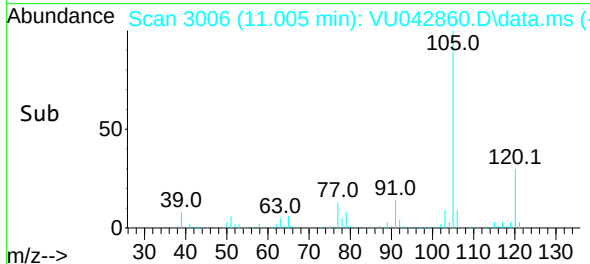
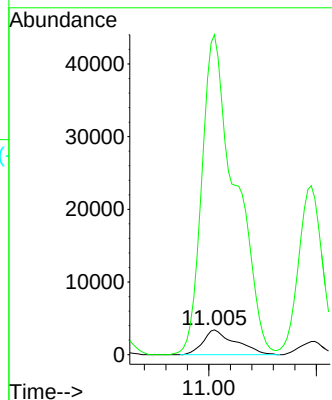
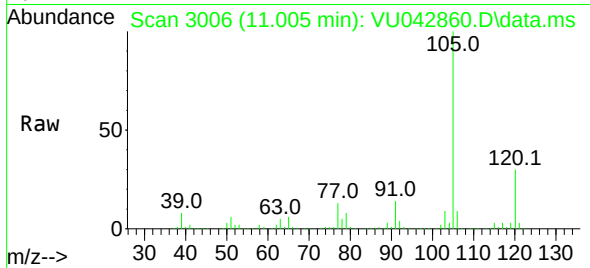




#76  
1,2,3-Trichloropropane  
Concen: 2.51 ug/l  
RT: 11.005 min Scan# 3006  
Delta R.T. 0.173 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

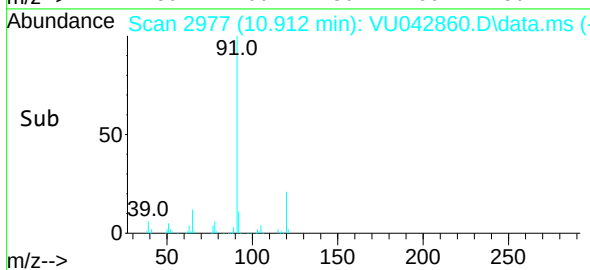
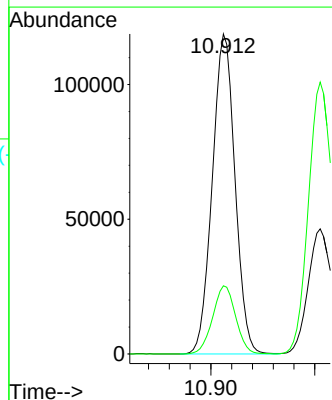
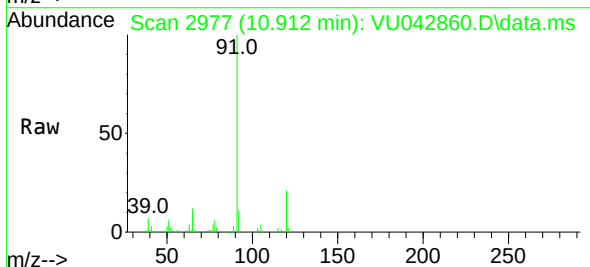
Instrument :  
MSVOA\_U  
ClientSampleId :  
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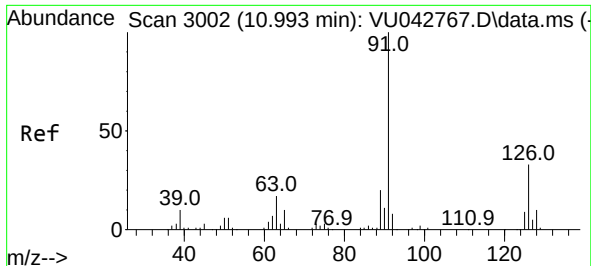
Tgt Ion: 75 Resp: 7118  
Ion Ratio Lower Upper  
75 100  
77 1346.3 19.6 58.8#



#78  
n-propylbenzene  
Concen: 21.69 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. -0.003 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 91 Resp: 180181  
Ion Ratio Lower Upper  
91 100  
120 21.5 11.1 33.1

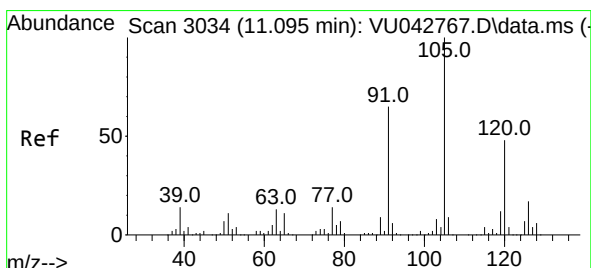
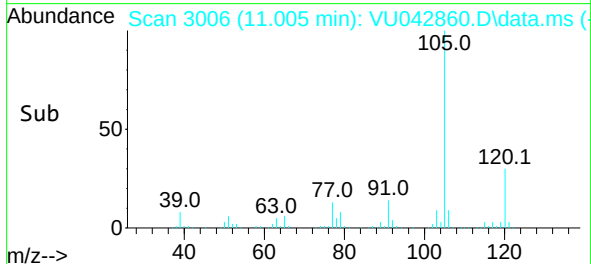
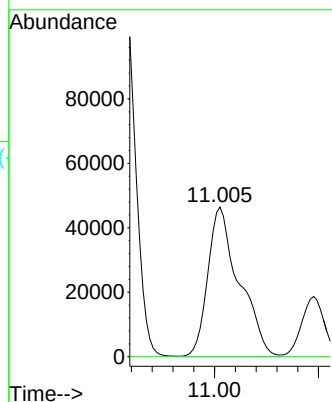
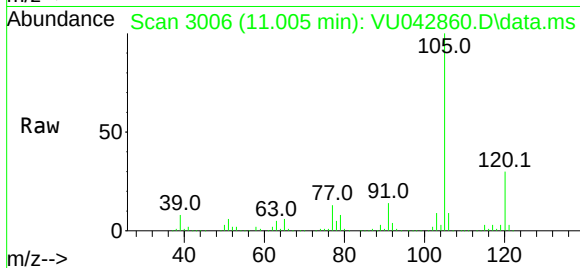




#79  
2-Chlorotoluene  
Concen: 19.43 ug/l  
RT: 11.005 min Scan# 3006  
Delta R.T. 0.013 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

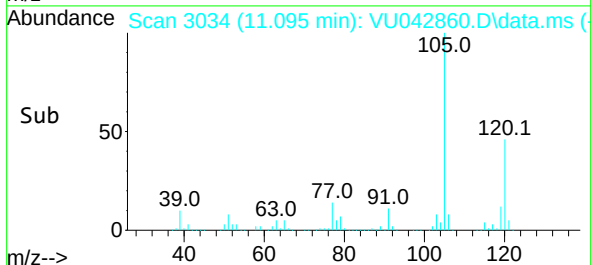
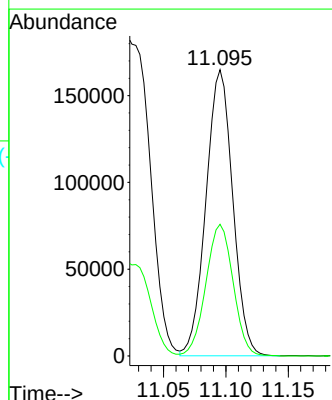
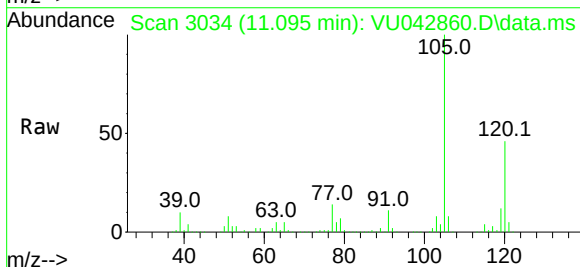
Instrument :  
MSVOA\_U  
ClientSampleId :  
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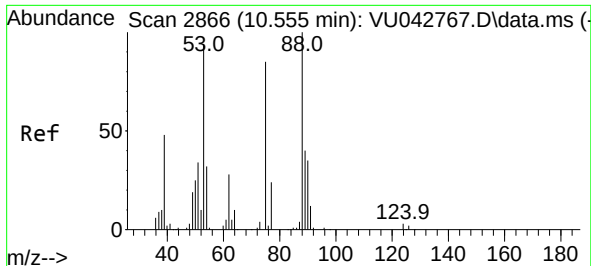
Tgt Ion: 91 Resp: 97408  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.7 50.1#



#80  
1,3,5-Trimethylbenzene  
Concen: 40.23 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 105 Resp: 246364  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.4 70.2

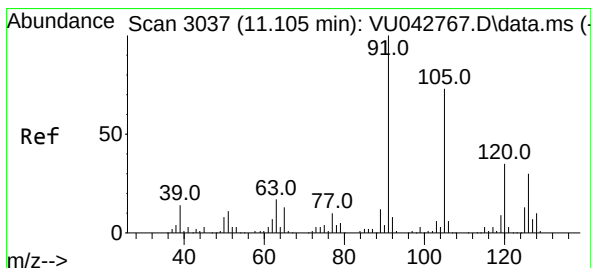
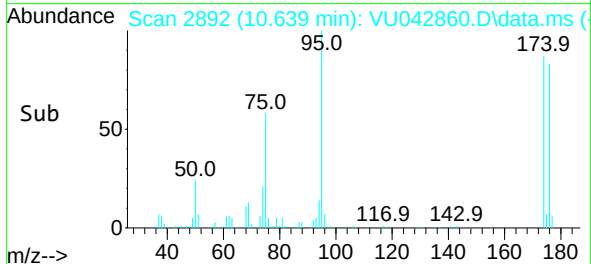
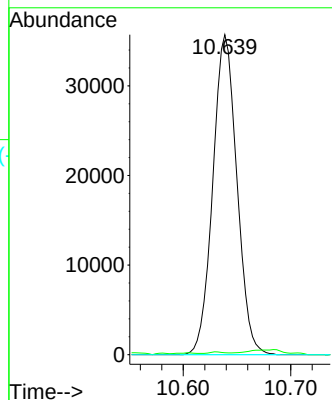
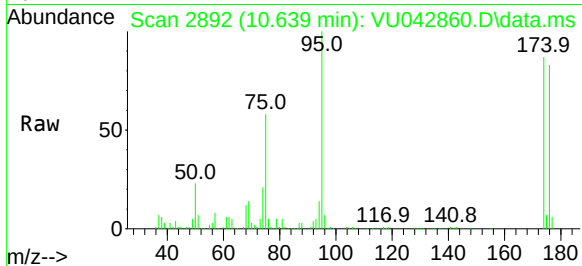




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.01 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.083 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

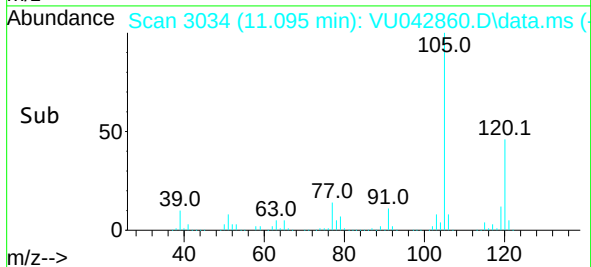
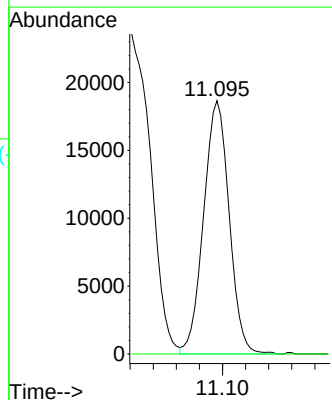
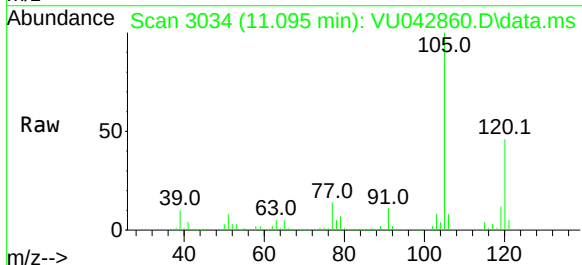
Instrument :  
MSVOA\_U  
ClientSampleId :  
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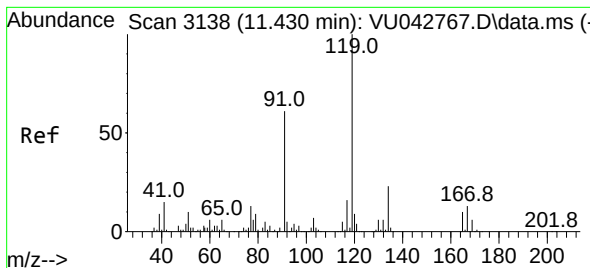
Tgt Ion: 75 Resp: 55532  
Ion Ratio Lower Upper  
75 100  
53 0.3 88.3 132.5#  
89 0.0 35.7 53.5#



#82  
4-Chlorotoluene  
Concen: 4.79 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.010 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion: 91 Resp: 28667  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.5 43.5#

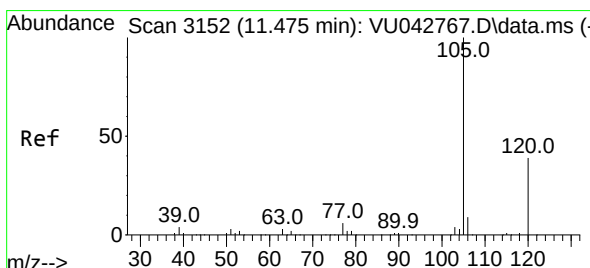
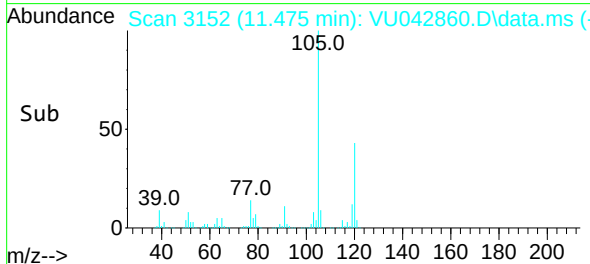
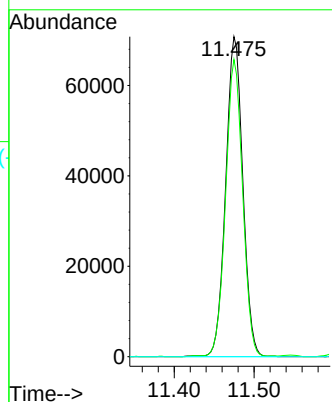
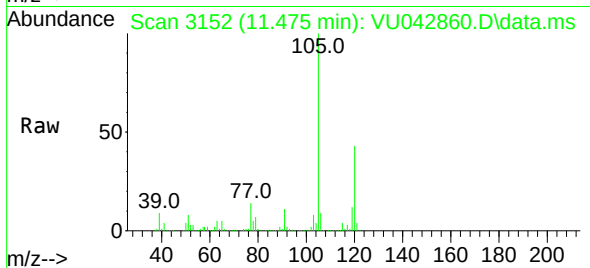




#83  
tert-Butylbenzene  
Concen: 17.66 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.045 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

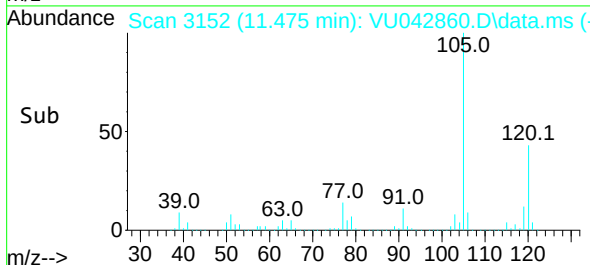
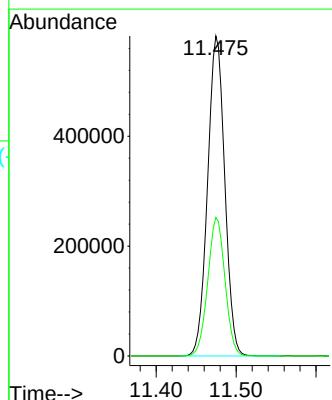
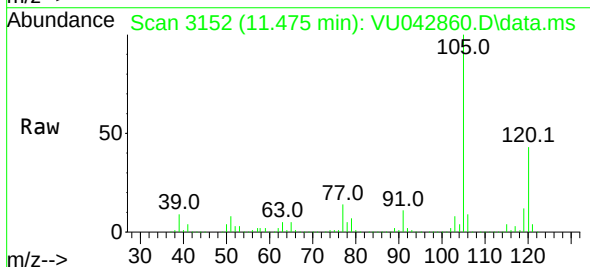
Instrument :  
MSVOA\_U  
ClientSampleId :  
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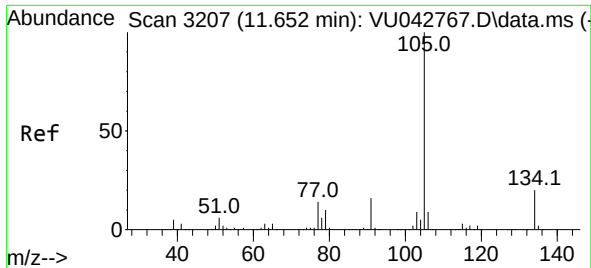
Tgt Ion:119 Resp: 105392  
Ion Ratio Lower Upper  
119 100  
91 91.5 30.1 90.3#  
134 0.0 11.2 33.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 140.66 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

Tgt Ion:105 Resp: 869918  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.3 66.8

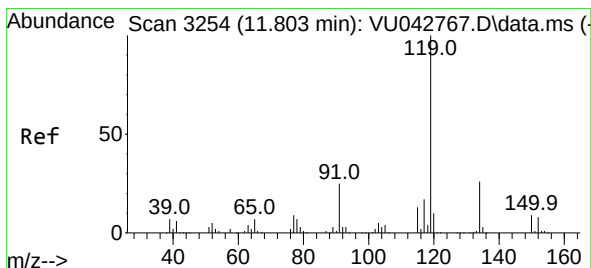
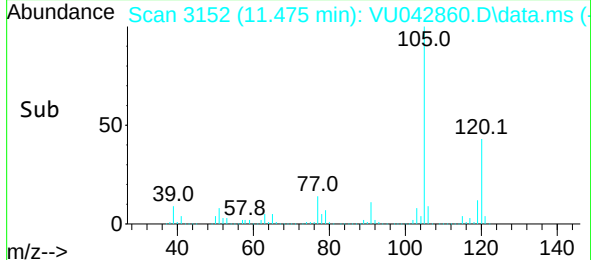
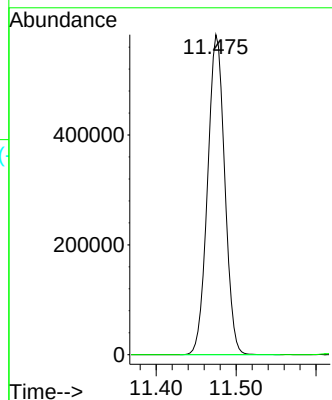
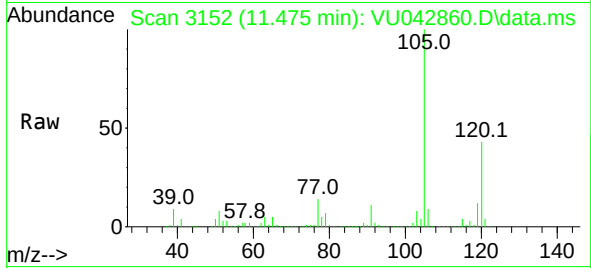




#85  
 sec-Butylbenzene  
 Concen: 125.44 ug/l  
 RT: 11.475 min Scan# 3152  
 Delta R.T. -0.177 min  
 Lab File: VU042860.D  
 Acq: 31 Mar 2021 16:17

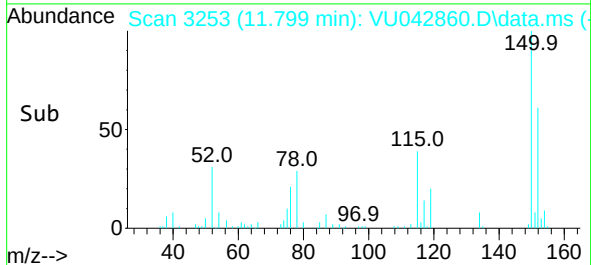
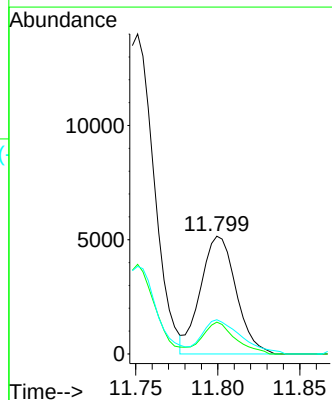
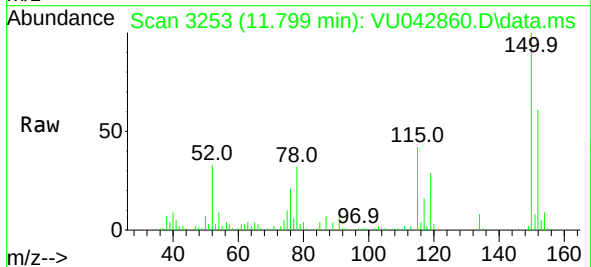
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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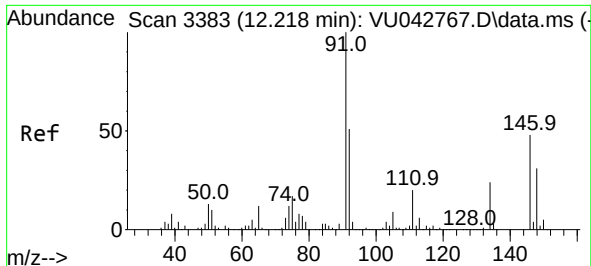
Tgt Ion:105 Resp: 869918  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.5#



#86  
 p-Isopropyltoluene  
 Concen: 1.22 ug/l  
 RT: 11.799 min Scan# 3253  
 Delta R.T. -0.003 min  
 Lab File: VU042860.D  
 Acq: 31 Mar 2021 16:17

Tgt Ion:119 Resp: 7755  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 12.8 38.3  
 91 32.1 12.6 37.8

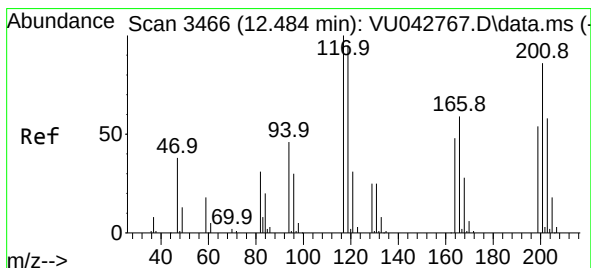
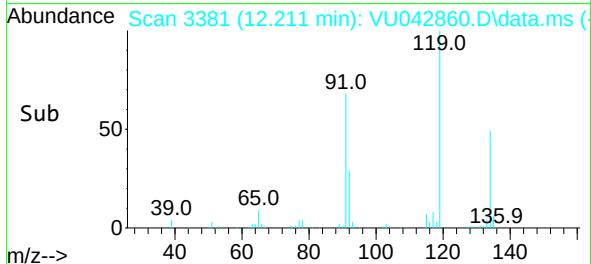
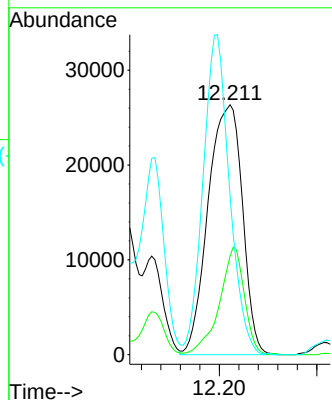
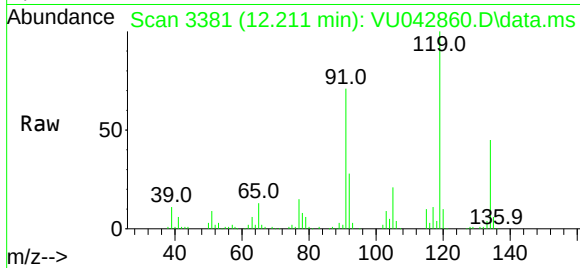




#89  
n-Butylbenzene  
Concen: 10.78 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. -0.007 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

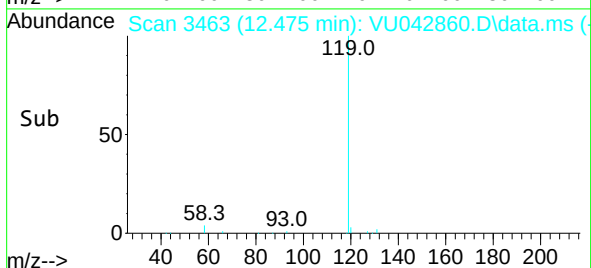
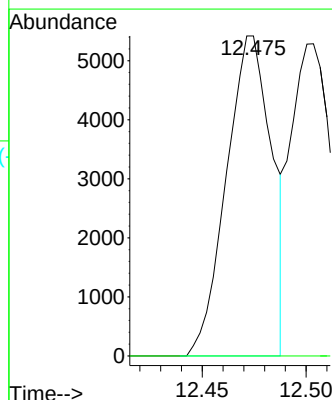
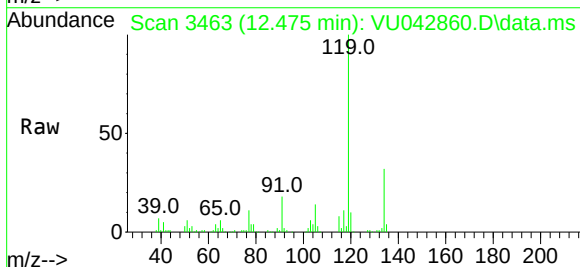
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ClientSampleId :  
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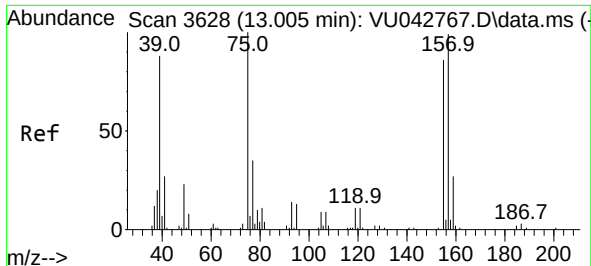
Tgt Ion: 91 Resp: 64538  
Ion Ratio Lower Upper  
91 100  
92 31.2 25.7 77.1  
134 98.4 12.1 36.3#



#90  
Hexachloroethane  
Concen: 6.87 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.010 min  
Lab File: VU042860.D  
Acq: 31 Mar 2021 16:17

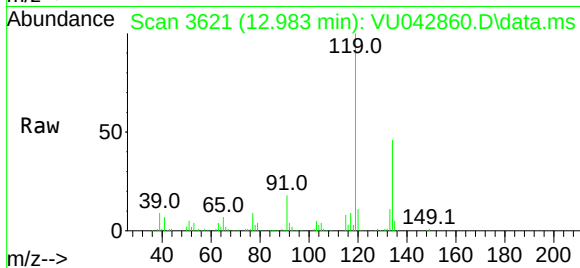
Tgt Ion: 117 Resp: 8227  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.5 130.7#



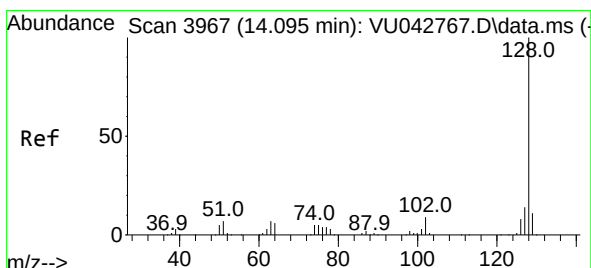
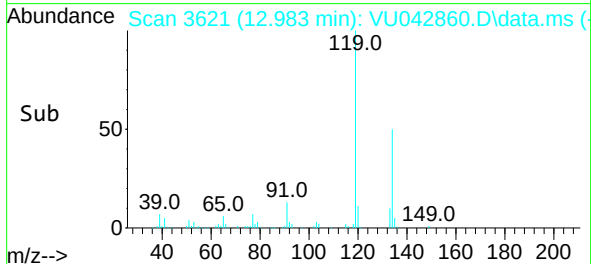
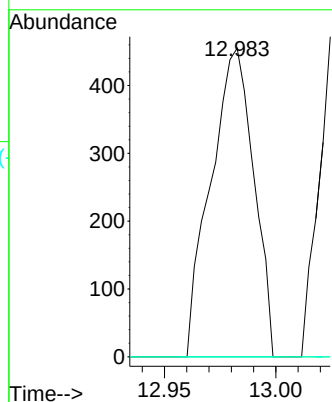


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.80 ug/l  
 RT: 12.983 min Scan# 3621  
 Delta R.T. -0.023 min  
 Lab File: VU042860.D  
 Acq: 31 Mar 2021 16:17

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B2-10-12ME



Tgt Ion: 75 Resp: 611  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 40.8 122.5#  
 157 0.0 51.4 154.3#



#95  
 Naphthalene  
 Concen: 17.25 ug/l  
 RT: 14.095 min Scan# 3967  
 Delta R.T. 0.000 min  
 Lab File: VU042860.D  
 Acq: 31 Mar 2021 16:17

Tgt Ion:128 Resp: 116960  
 Ion Ratio Lower Upper  
 128 100  
 127 13.5 10.9 16.3  
 129 11.0 8.7 13.1

