

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092921\  
 Data File : VU044990.D  
 Acq On : 29 Sep 2021 14:06  
 Operator : SY/MD  
 Sample : M3962-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 UNDERPASS

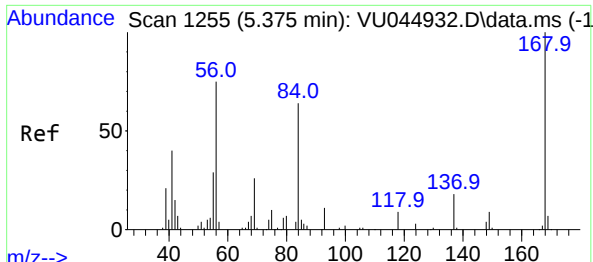
Quant Time: Sep 29 14:24:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 5.378          | 168  | 188970     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.253          | 114  | 334972     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 9.420          | 117  | 325340     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 157602     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.706          | 65   | 156297     | 49.687    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 99.380%   |        |          |
| 35) Dibromofluoromethane      | 5.295          | 113  | 106650     | 50.470    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 100.940%  |        |          |
| 50) Toluene-d8                | 7.902          | 98   | 433470     | 51.917    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 103.840%  |        |          |
| 62) 4-Bromofluorobenzene      | 10.635         | 95   | 160407     | 46.535    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 93.060%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 5) Bromomethane               | 1.864          | 94   | 365        | 0.307     | ug/l   | 95       |
| 11) Tert butyl alcohol        | 3.192          | 59   | 330        | 0.366     | ug/l # | 72       |
| 13) Acrolein                  | 2.488          | 56   | 86         | 3.607     | ug/l # | 14       |
| 16) Acetone                   | 2.633          | 43   | 4559       | 2.442     | ug/l   | 97       |
| 17) Carbon Disulfide          | 2.803          | 76   | 1418       | 0.214     | ug/l # | 86       |
| 25) 2-Butanone                | 4.719          | 43   | 1227       | 0.463     | ug/l   | 96       |
| 29) Tetrahydrofuran           | 5.070          | 42   | 477        | 0.302     | ug/l # | 57       |
| 31) Cyclohexane               | 5.378          | 56   | 5088       | 1.065     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.378          | 75   | 17756      | 5.069     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.378          | 117  | 19885      | 6.560     | ug/l # | 15       |
| 49) 1,4-Dioxane               | 6.970          | 88   | 334        | Below Cal | #      | 88       |
| 51) 4-Methyl-2-Pentanone      | 7.800          | 43   | 5007       | 0.986     | ug/l   | 94       |
| 56) Ethyl methacrylate        | 8.340          | 69   | 636        | 1.937     | ug/l # | 85       |
| 59) 2-Hexanone                | 8.693          | 43   | 5735       | 1.387     | ug/l   | 94       |
| 60) Dibromochloromethane      | 8.558          | 129  | 88         | 2.205     | ug/l # | 10       |
| 65) Chlorobenzene             | 9.452          | 112  | 2383       | 0.349     | ug/l   | 91       |
| 74) N-amyl acetate            | 10.333         | 43   | 1869       | 0.316     | ug/l # | 92       |
| 76) 1,2,3-Trichloropropane    | 10.635         | 75   | 86660      | 18.852    | ug/l # | 41       |
| 81) trans-1,4-Dichloro-2-b... | 10.635         | 75   | 86660      | 52.316    | ug/l # | 9        |
| 82) 4-Chlorotoluene           | 11.102         | 91   | 2113       | 0.209     | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 11.751         | 146  | 1661       | 0.306     | ug/l   | 87       |
| 88) 1,4-Dichlorobenzene       | 11.751         | 146  | 1661       | 0.299     | ug/l   | 89       |
| 89) n-Butylbenzene            | 12.214         | 91   | 3453       | 0.362     | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.217         | 146  | 1608       | 0.290     | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.005         | 75   | 344        | 0.287     | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 13.848         | 180  | 2692       | 0.871     | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 14.024         | 225  | 372        | 0.288     | ug/l   | 86       |
| 95) Naphthalene               | 14.092         | 128  | 14676      | 1.262     | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.336         | 180  | 2655       | 0.855     | ug/l   | 98       |
| -----                         |                |      |            |           |        |          |

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

Quant Time: Sep 29 14:24:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 12:32:13 2021  
Response via : Initial Calibration

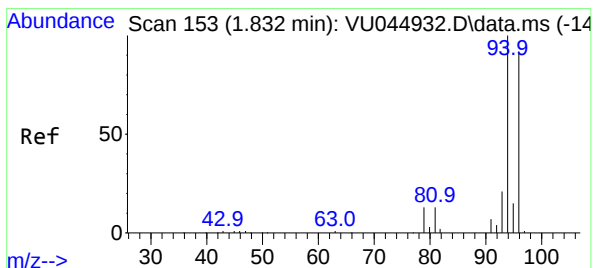
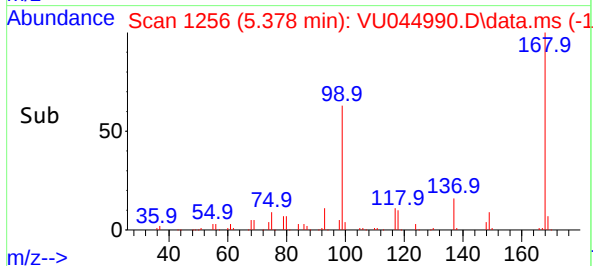
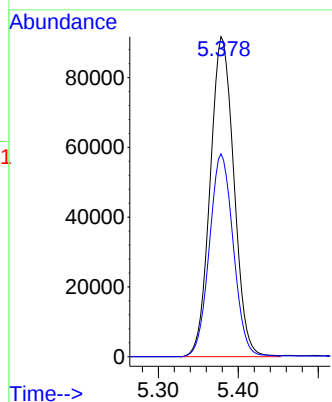
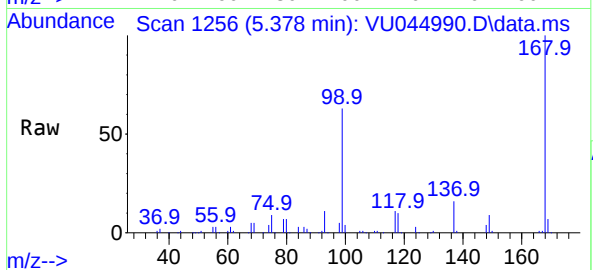




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.378 min Scan# 1256  
Delta R.T. 0.003 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

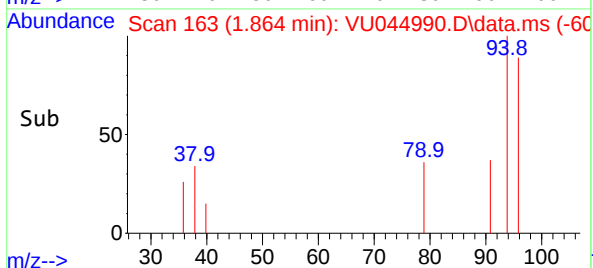
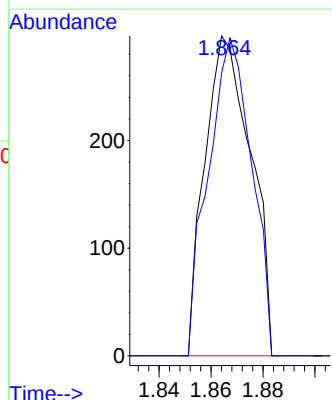
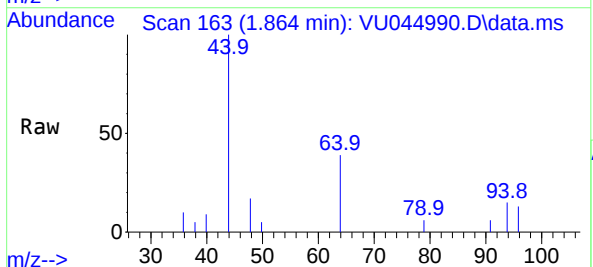
Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

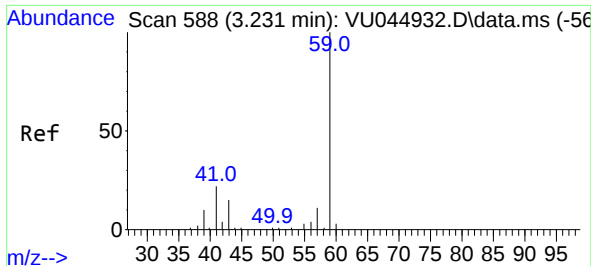
Tgt Ion:168 Resp: 188970  
Ion Ratio Lower Upper  
168 100  
99 63.3 51.4 77.0



#5  
Bromomethane  
Concen: 0.307 ug/l  
RT: 1.864 min Scan# 163  
Delta R.T. 0.032 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 94 Resp: 365  
Ion Ratio Lower Upper  
94 100  
96 88.6 74.5 111.7



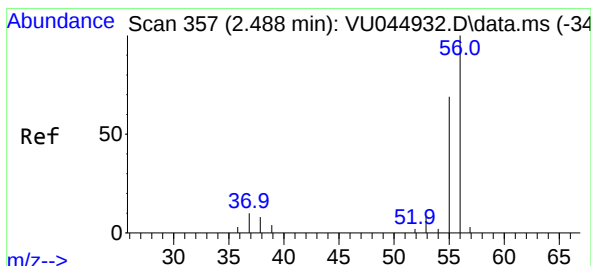
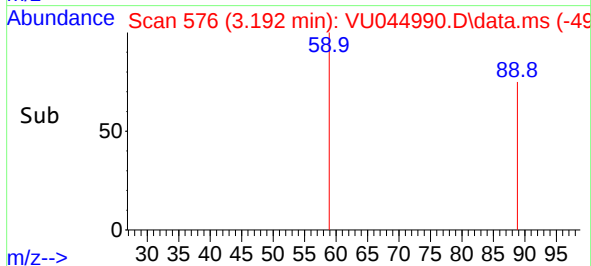
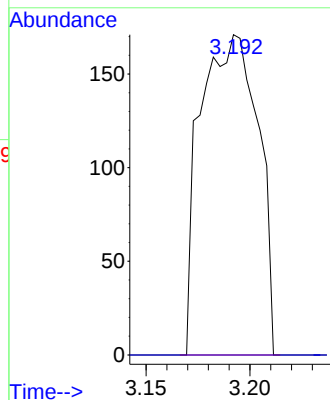
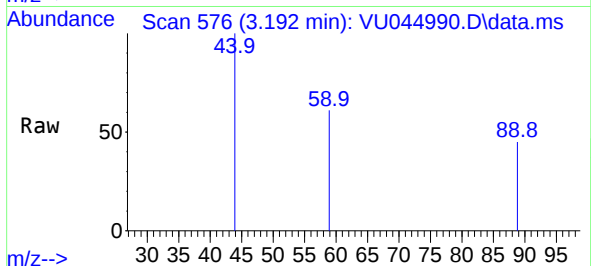


#11

Tert butyl alcohol  
Concen: 0.366 ug/l  
RT: 3.192 min Scan# 576  
Delta R.T. -0.039 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

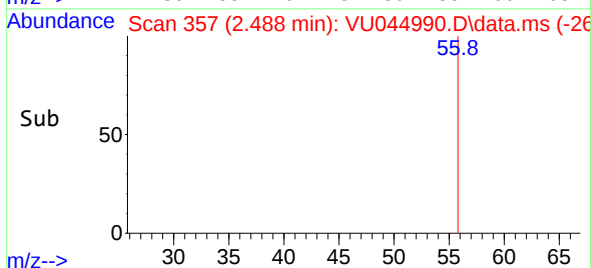
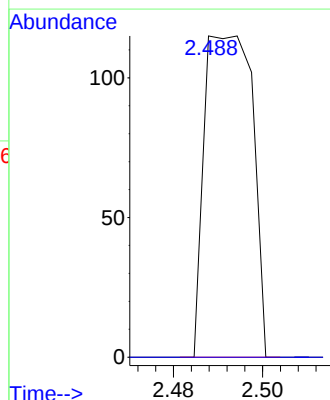
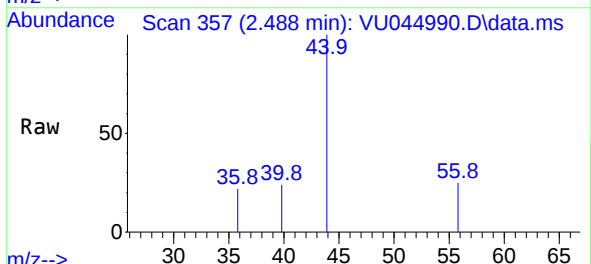
Tgt Ion: 59 Resp: 330  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

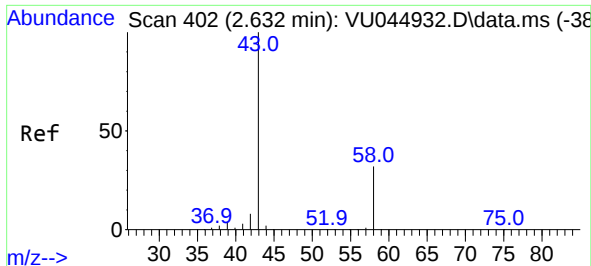


#13

Acrolein  
Concen: 3.607 ug/l  
RT: 2.488 min Scan# 357  
Delta R.T. -0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 56 Resp: 86  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.4 86.0#

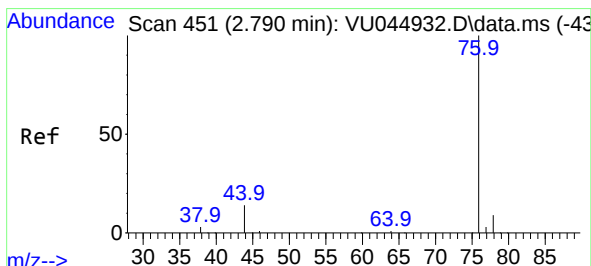
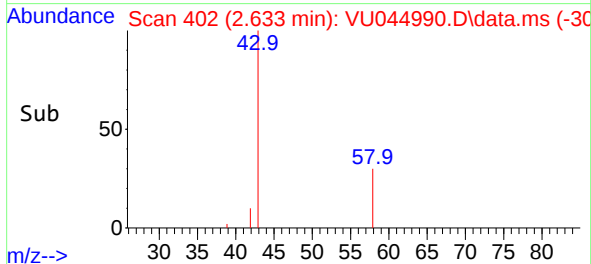
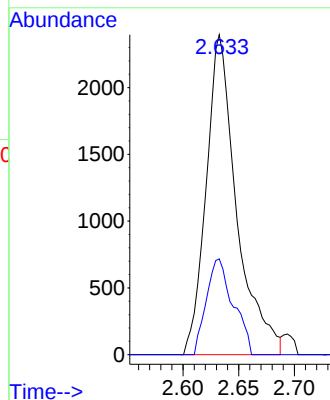
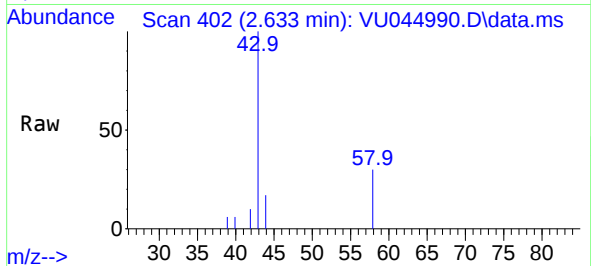




#16  
Acetone  
Concen: 2.442 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.001 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

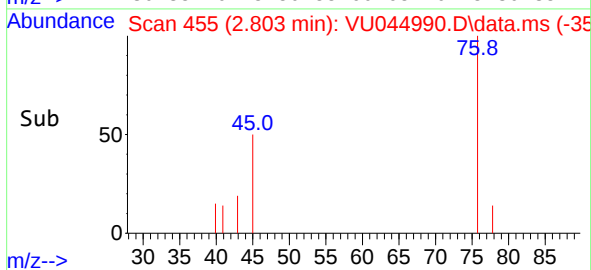
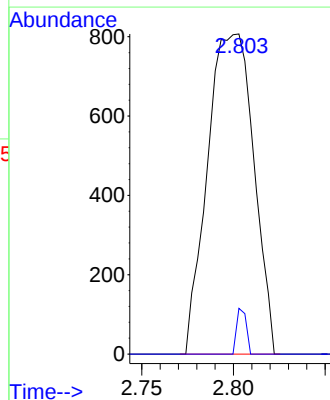
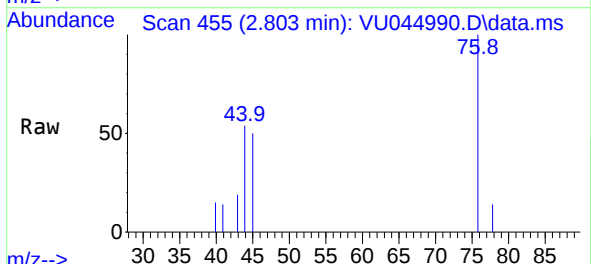
Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

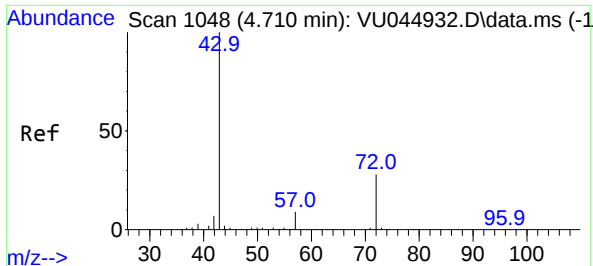
Tgt Ion: 43 Resp: 4559  
Ion Ratio Lower Upper  
43 100  
58 30.0 25.2 37.8



#17  
Carbon Disulfide  
Concen: 0.214 ug/l  
RT: 2.803 min Scan# 455  
Delta R.T. 0.013 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 76 Resp: 1418  
Ion Ratio Lower Upper  
76 100  
78 14.3 7.4 11.0#

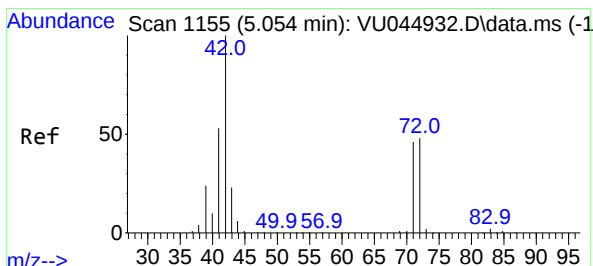
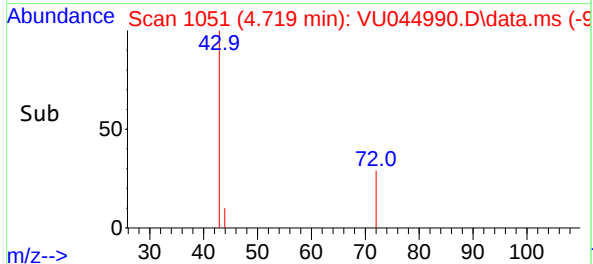
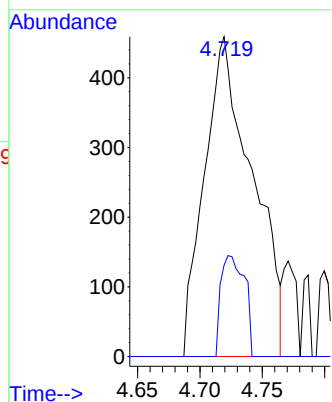
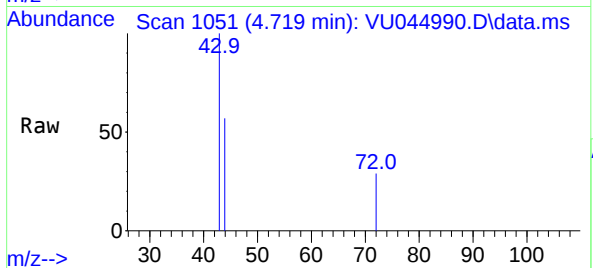




#25  
2-Butanone  
Concen: 0.463 ug/l  
RT: 4.719 min Scan# 1051  
Delta R.T. 0.009 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

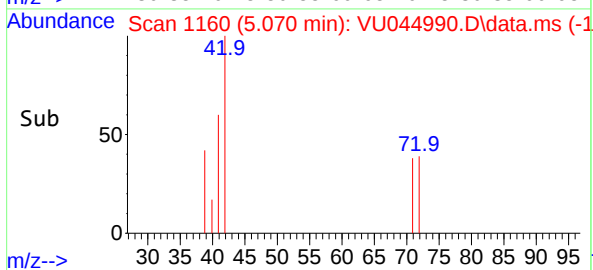
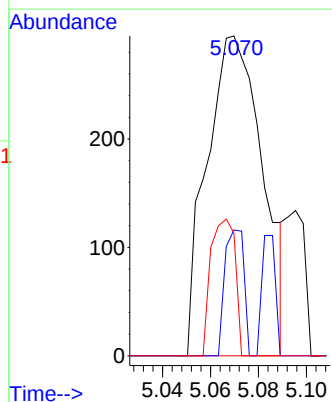
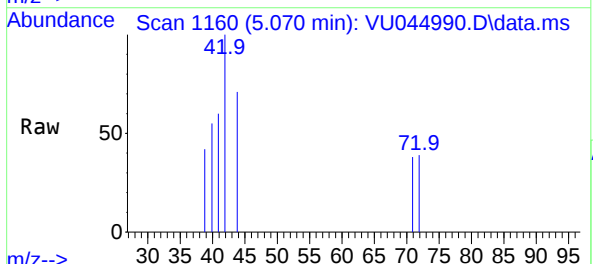
Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

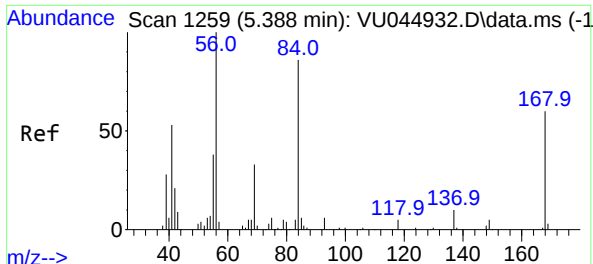
Tgt Ion: 43 Resp: 1227  
Ion Ratio Lower Upper  
43 100  
72 28.5 21.3 31.9



#29  
Tetrahydrofuran  
Concen: 0.302 ug/l  
RT: 5.070 min Scan# 1160  
Delta R.T. 0.016 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 42 Resp: 477  
Ion Ratio Lower Upper  
42 100  
72 13.4 36.2 54.4#  
71 18.7 34.1 51.1#

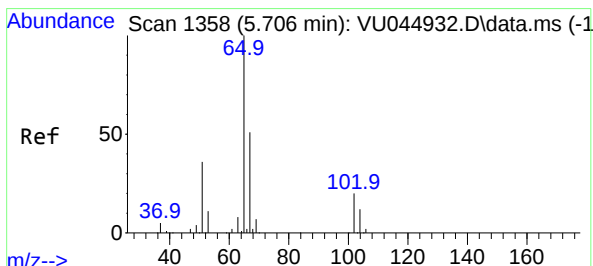
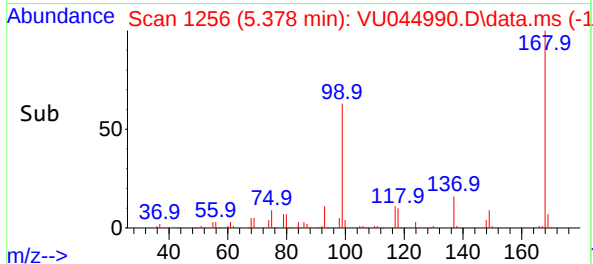
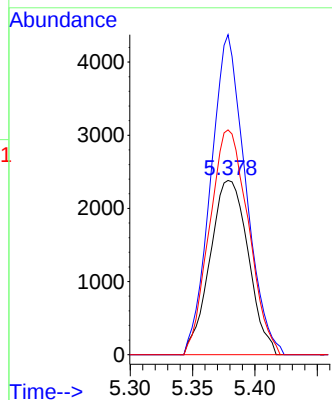
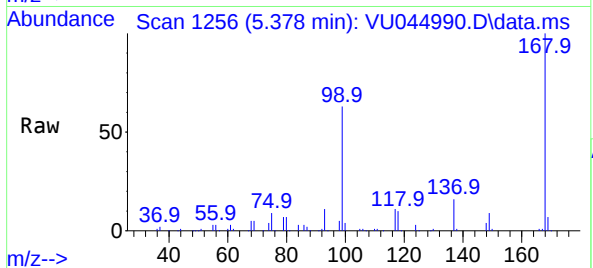




#31  
Cyclohexane  
Concen: 1.065 ug/l  
RT: 5.378 min Scan# 1256  
Delta R.T. -0.010 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

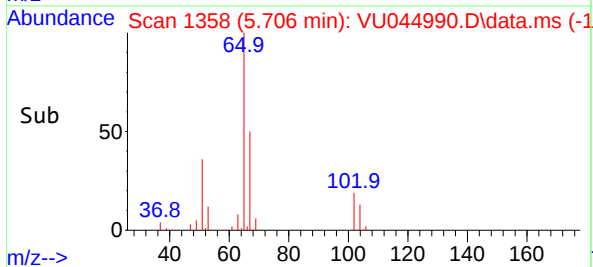
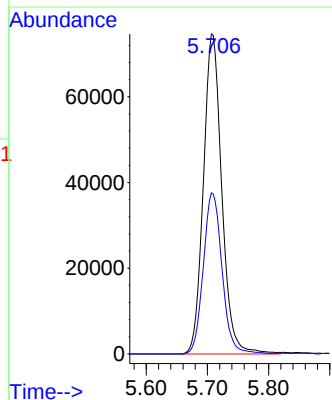
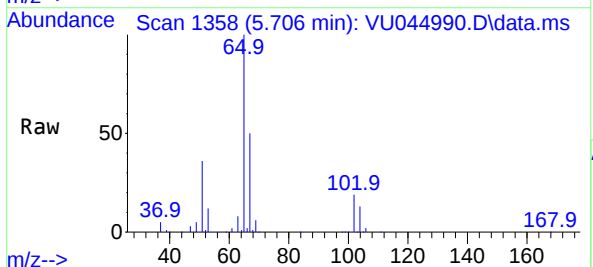
Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

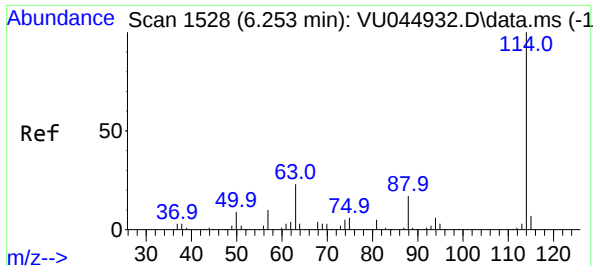
Tgt Ion: 56 Resp: 5088  
Ion Ratio Lower Upper  
56 100  
69 183.6 25.2 37.8#  
84 129.0 66.4 99.6#



#33  
1,2-Dichloroethane-d4  
Concen: 49.687 ug/l  
RT: 5.706 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 65 Resp: 156297  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 104.8



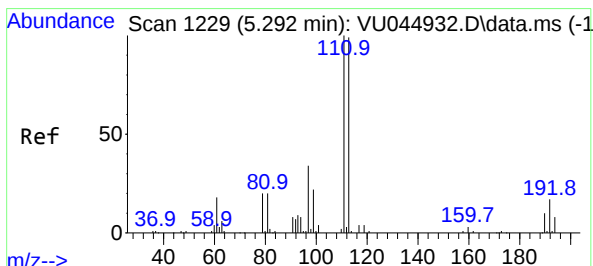
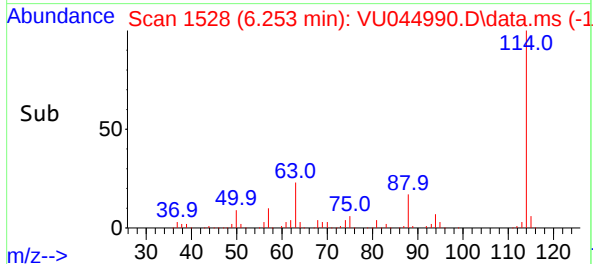
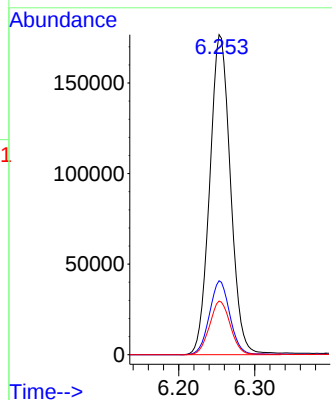
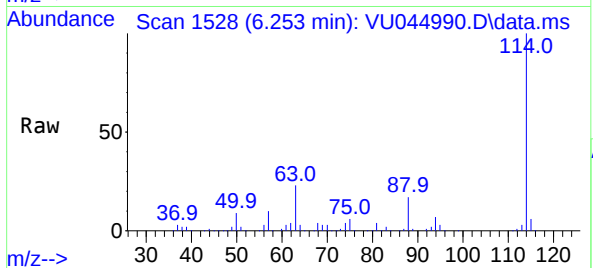


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

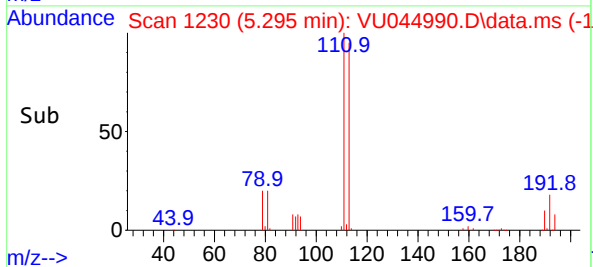
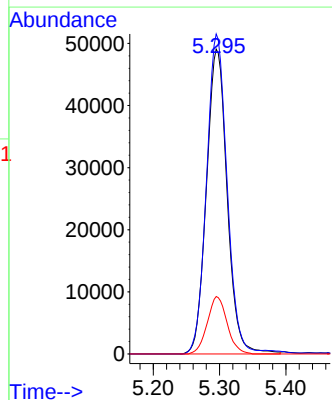
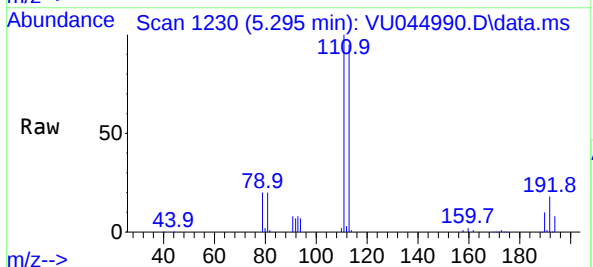
Tgt Ion:114 Resp: 334972  
Ion Ratio Lower Upper  
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88 16.8 0.0 32.8

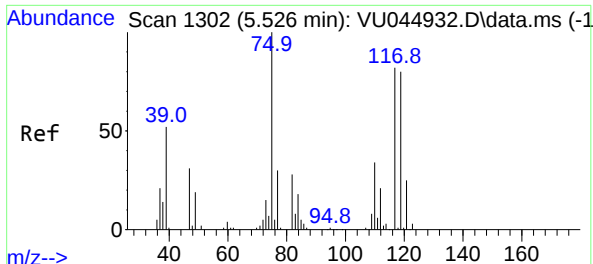


#35

Dibromofluoromethane  
Concen: 50.470 ug/l  
RT: 5.295 min Scan# 1230  
Delta R.T. 0.003 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion:113 Resp: 106650  
Ion Ratio Lower Upper  
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111 103.7 84.1 126.1  
192 18.1 14.8 22.2

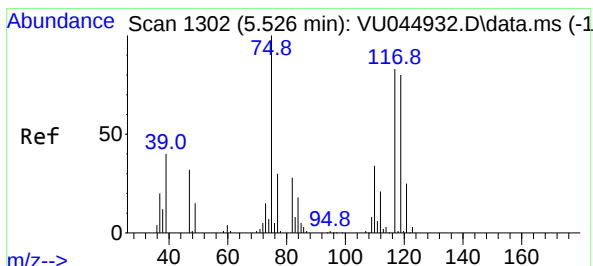
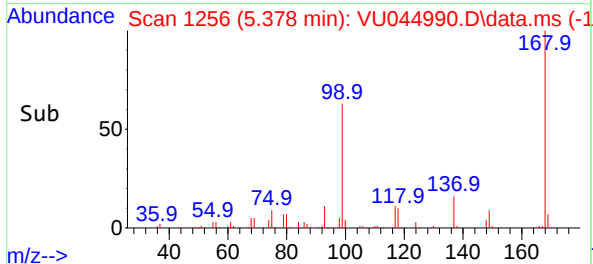
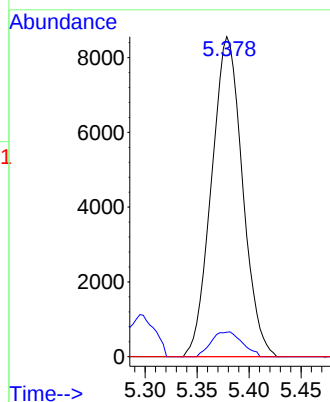
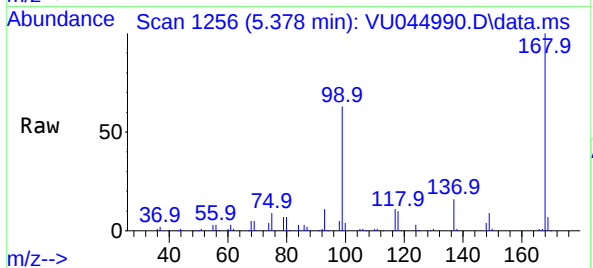




#36  
1,1-Dichloropropene  
Concen: 5.069 ug/l  
RT: 5.378 min Scan# 1256  
Delta R.T. -0.148 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

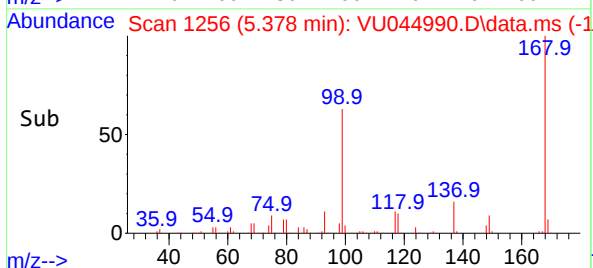
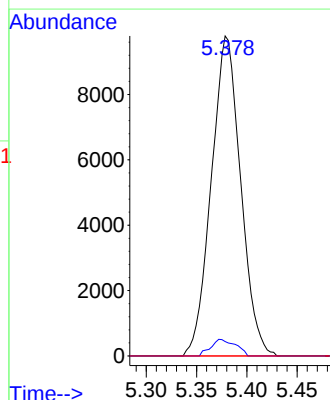
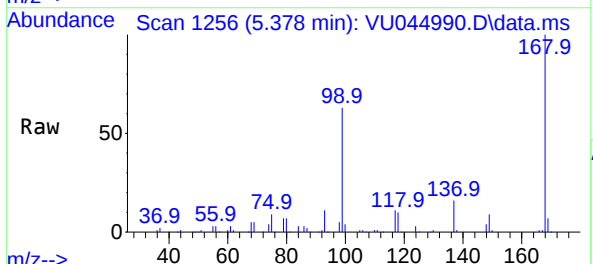
Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

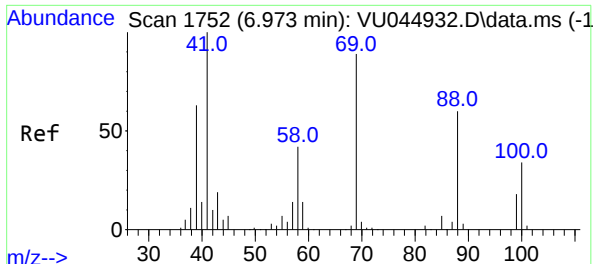
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 17756 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 7.7   | 16.3  | 48.9# |
| 77       | 0.0   | 25.0  | 37.4# |



#38  
Carbon Tetrachloride  
Concen: 6.560 ug/l  
RT: 5.378 min Scan# 1256  
Delta R.T. -0.148 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 19885  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.5   | 77.4  | 116.2# |
| 121      | 0.0   | 24.5  | 36.7#  |

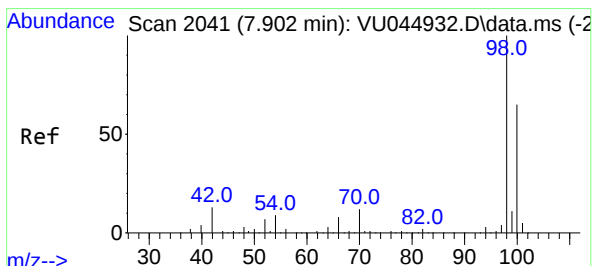
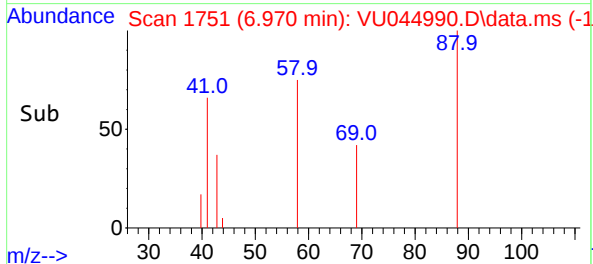
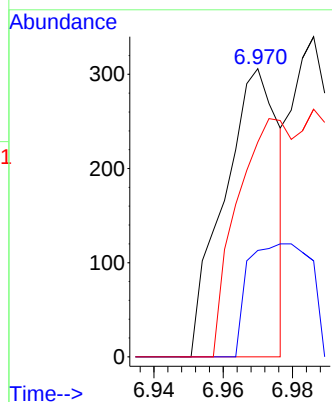
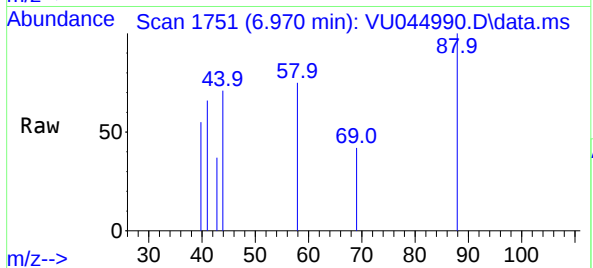




#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 6.970 min Scan# 1751  
Delta R.T. -0.003 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

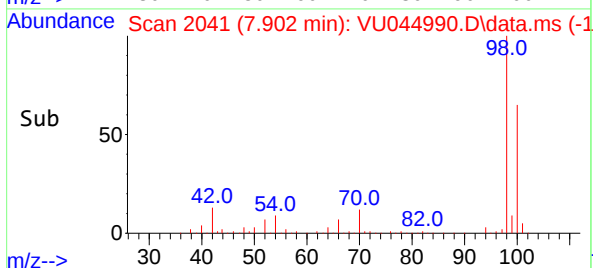
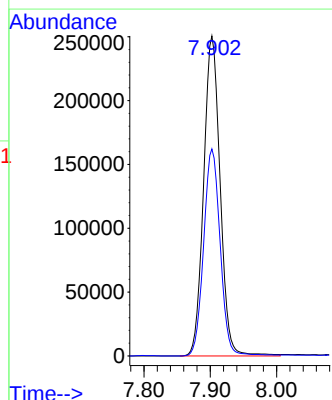
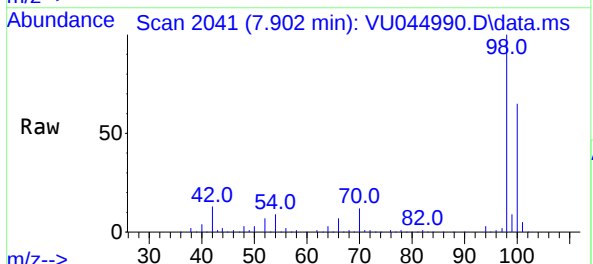
Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

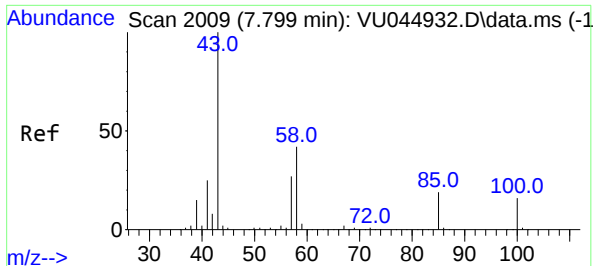
Tgt Ion: 88 Resp: 334  
Ion Ratio Lower Upper  
88 100  
43 45.2 25.8 38.6#  
58 82.9 61.3 91.9



#50  
Toluene-d8  
Concen: 51.917 ug/l  
RT: 7.902 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 98 Resp: 433470  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.5 78.7

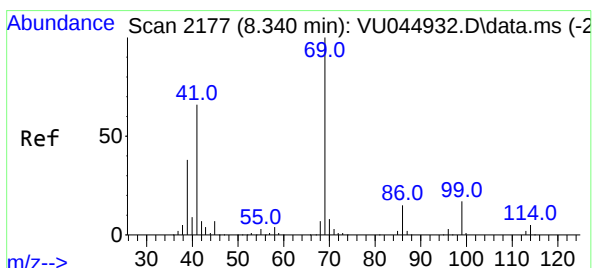
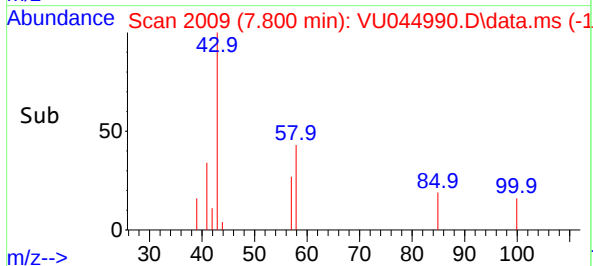
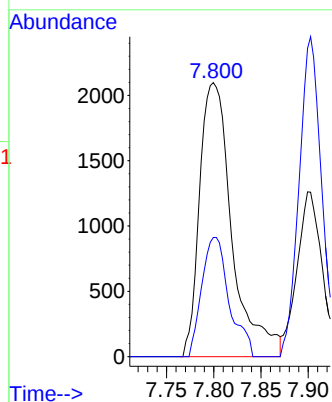
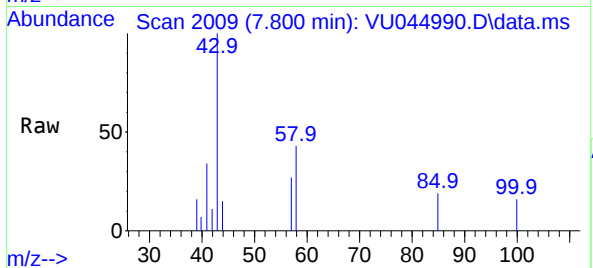




#51  
4-Methyl-2-Pentanone  
Concen: 0.986 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. 0.001 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

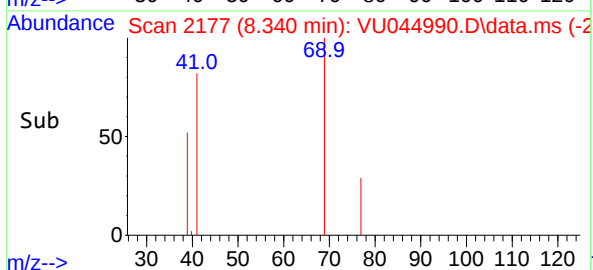
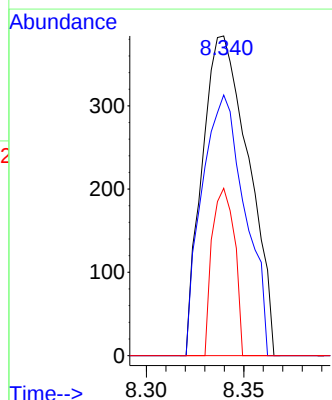
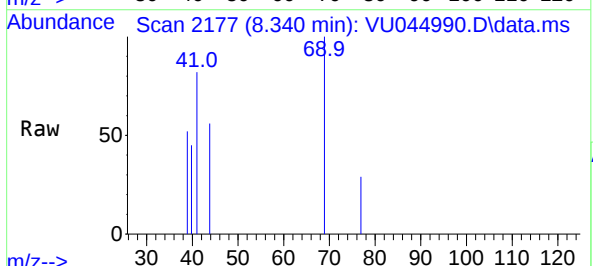
Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

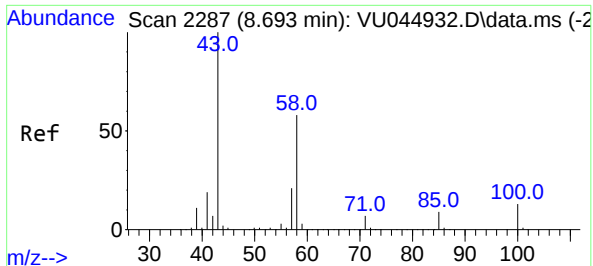
Tgt Ion: 43 Resp: 5007  
Ion Ratio Lower Upper  
43 100  
58 36.7 32.4 48.6



#56  
Ethyl methacrylate  
Concen: 1.937 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 69 Resp: 636  
Ion Ratio Lower Upper  
69 100  
41 75.8 53.5 80.3  
39 25.2 31.1 46.7#

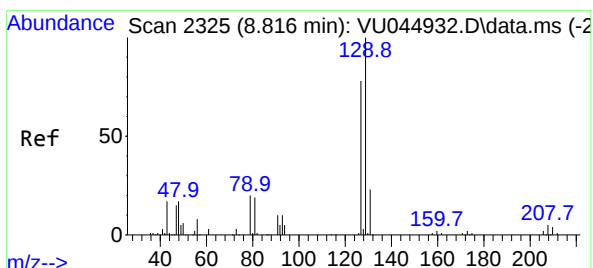
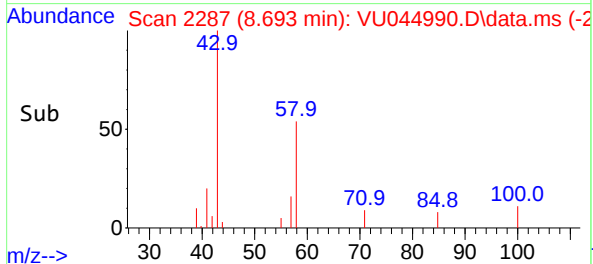
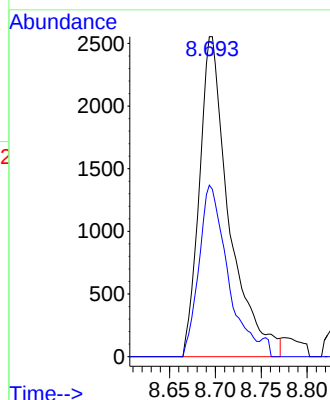
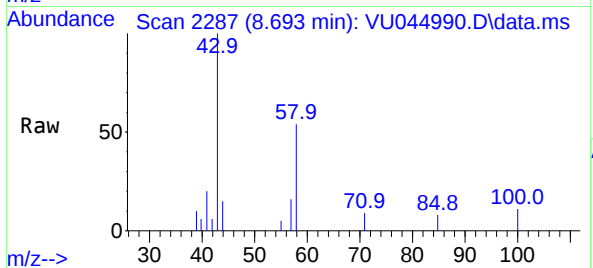




#59  
2-Hexanone  
Concen: 1.387 ug/l  
RT: 8.693 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

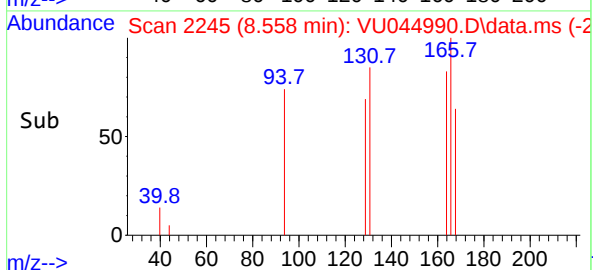
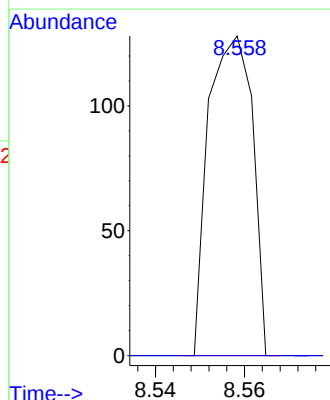
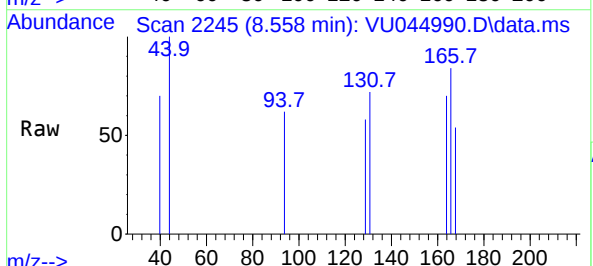
Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

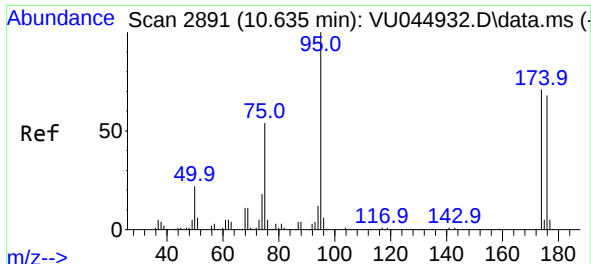
Tgt Ion: 43 Resp: 5735  
Ion Ratio Lower Upper  
43 100  
58 51.6 28.0 84.0



#60  
Dibromochloromethane  
Concen: 2.205 ug/l  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.258 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 129 Resp: 88  
Ion Ratio Lower Upper  
129 100  
127 0.0 39.0 117.0#

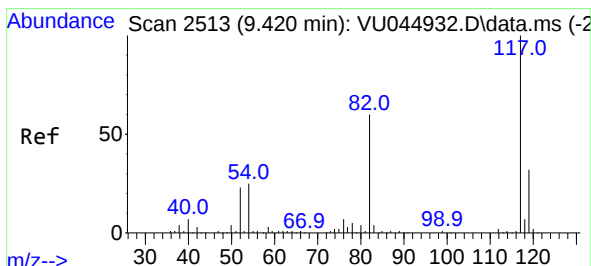
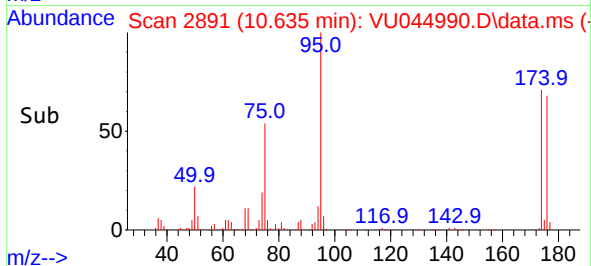
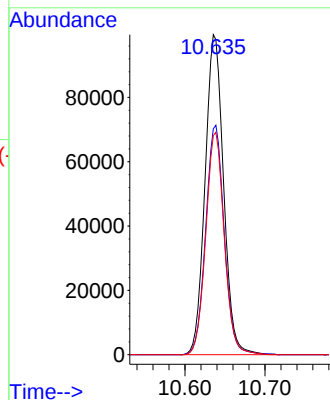
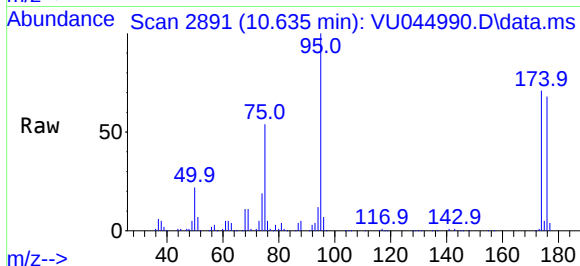




#62  
4-Bromofluorobenzene  
Concen: 46.535 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

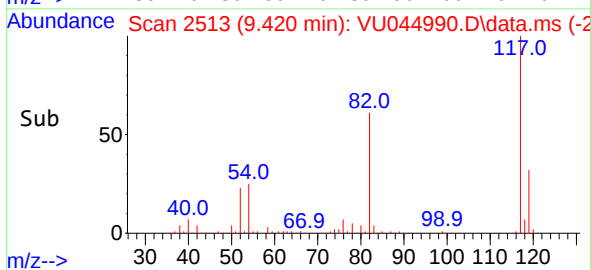
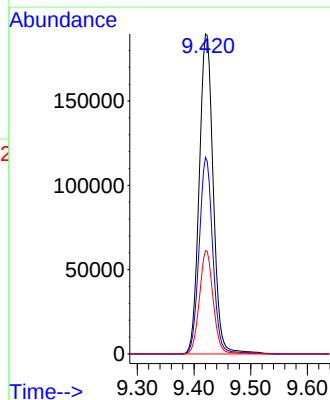
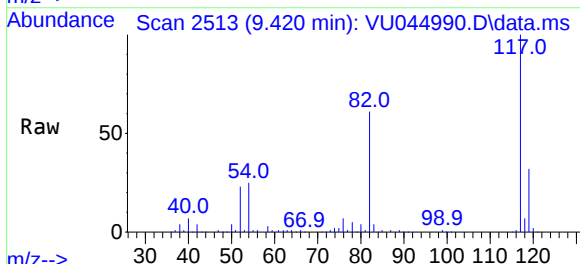
Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

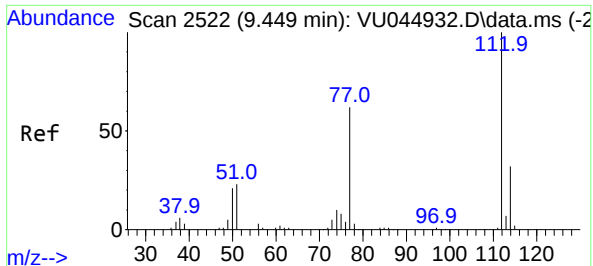
Tgt Ion: 95 Resp: 160407  
Ion Ratio Lower Upper  
95 100  
174 72.0 0.0 146.6  
176 69.1 0.0 141.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 117 Resp: 325340  
Ion Ratio Lower Upper  
117 100  
82 61.4 47.8 71.8  
119 32.3 25.8 38.6

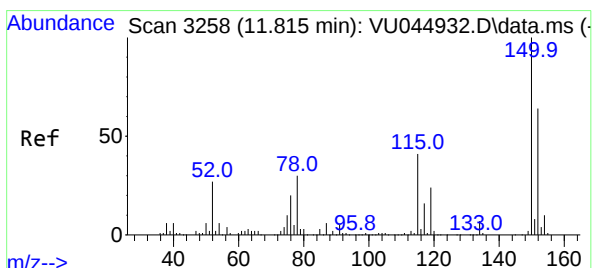
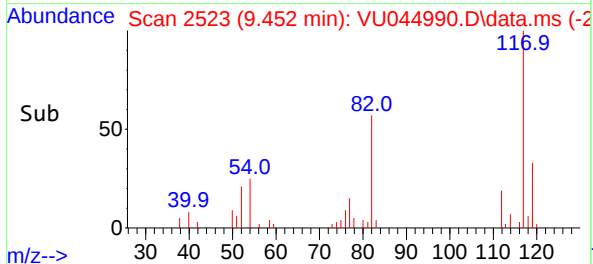
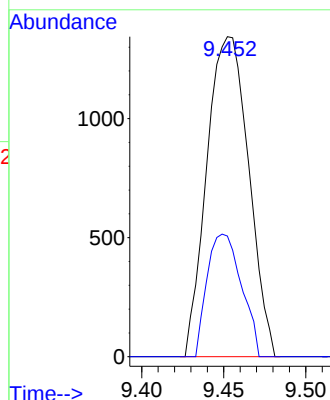
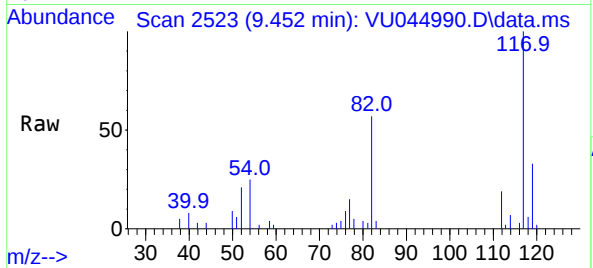




#65  
Chlorobenzene  
Concen: 0.349 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.003 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

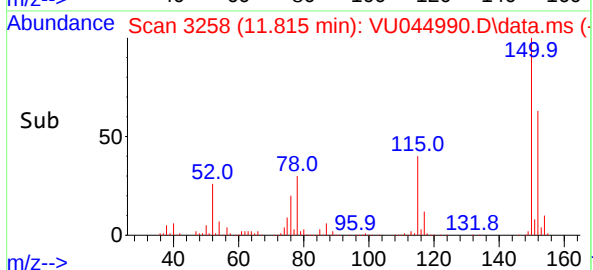
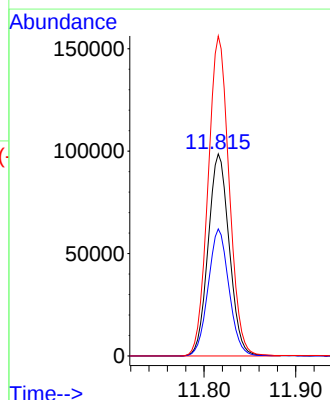
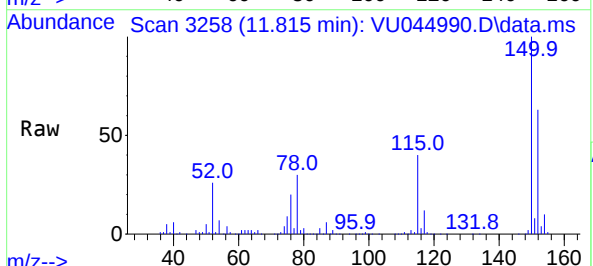
Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

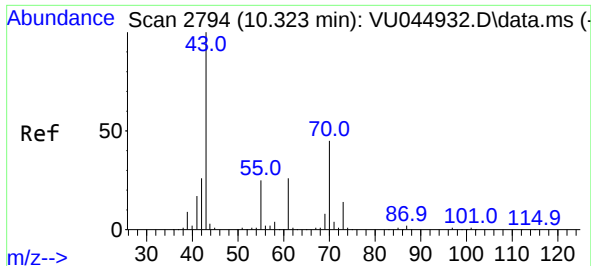
Tgt Ion:112 Resp: 2383  
Ion Ratio Lower Upper  
112 100  
114 37.7 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.815 min Scan# 3258  
Delta R.T. 0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion:152 Resp: 157602  
Ion Ratio Lower Upper  
152 100  
115 62.1 43.5 130.7  
150 158.1 0.0 350.0



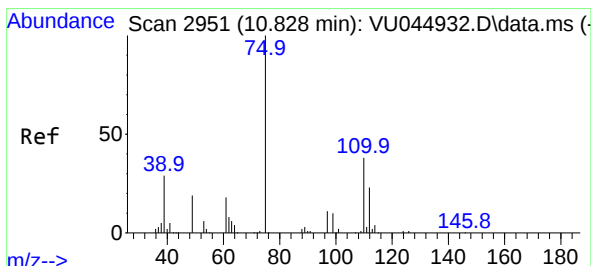
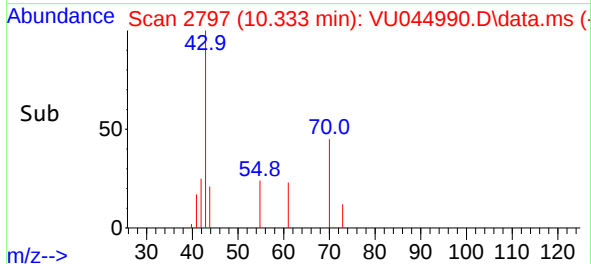
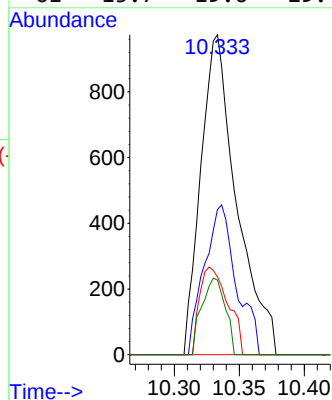
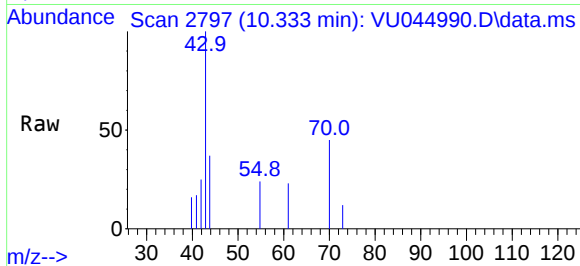


#74  
N-amy1 acetate  
Concen: 0.316 ug/l  
RT: 10.333 min Scan# 2797  
Delta R.T. 0.010 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

Tgt Ion: 43 Resp: 1869

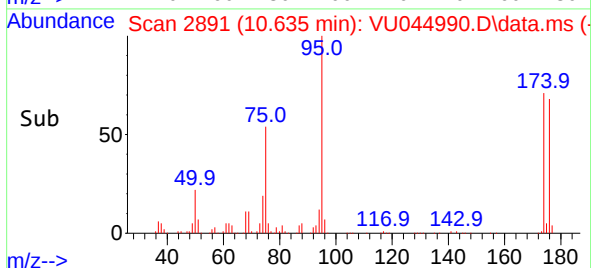
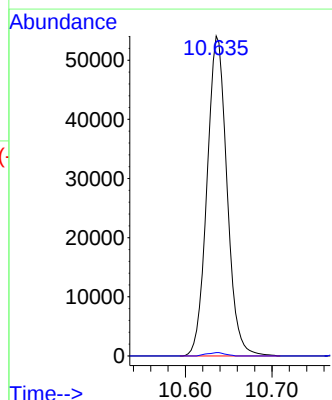
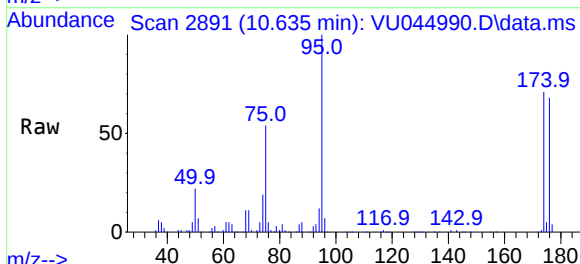
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 42.0  | 35.1  | 52.7  |
| 55  | 21.6  | 20.5  | 30.7  |
| 61  | 15.7  | 19.6  | 29.4  |

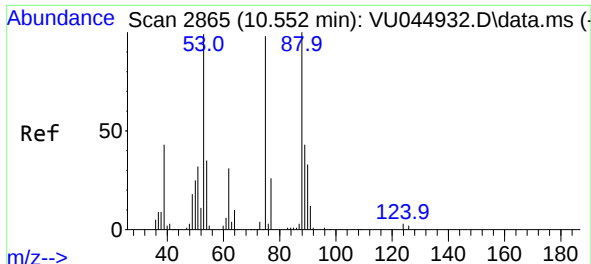


#76  
1,2,3-Trichloropropane  
Concen: 18.852 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. -0.193 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 75 Resp: 86660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 1.0   | 17.9  | 53.7  |

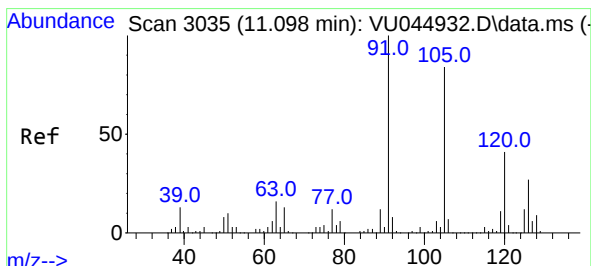
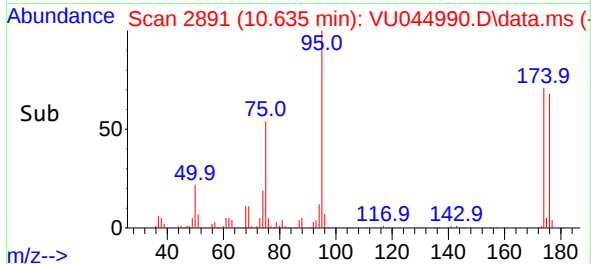
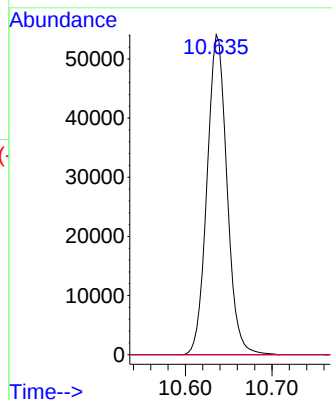
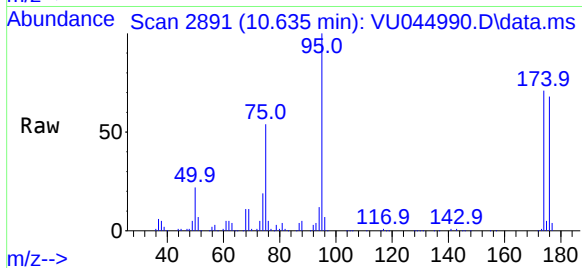




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.316 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.083 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

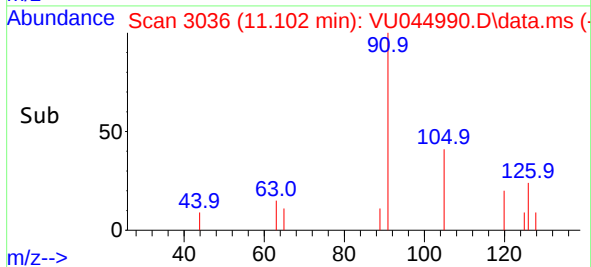
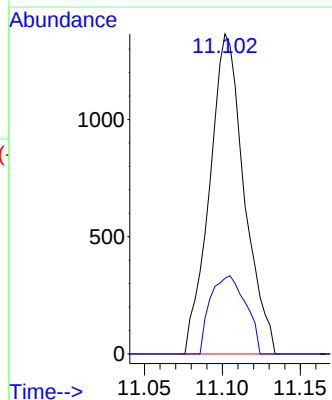
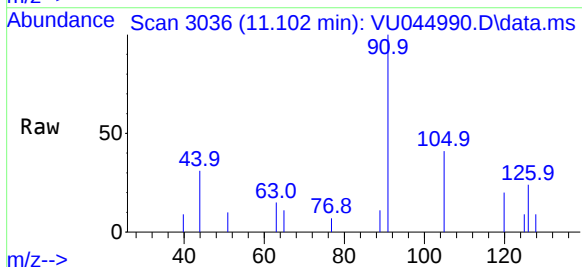
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MSVOA\_U  
ClientSampleId :  
UNDERPASS

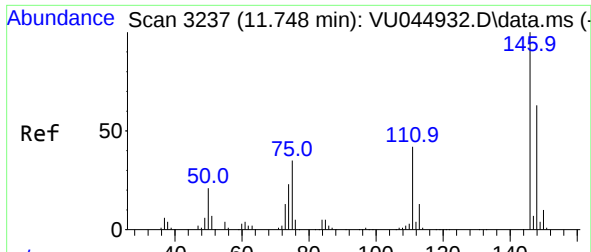
Tgt Ion: 75 Resp: 86660  
Ion Ratio Lower Upper  
75 100  
53 0.0 82.0 123.0#  
89 0.0 34.2 51.4#



#82  
4-Chlorotoluene  
Concen: 0.209 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. 0.004 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion: 91 Resp: 2113  
Ion Ratio Lower Upper  
91 100  
126 24.9 13.8 41.4



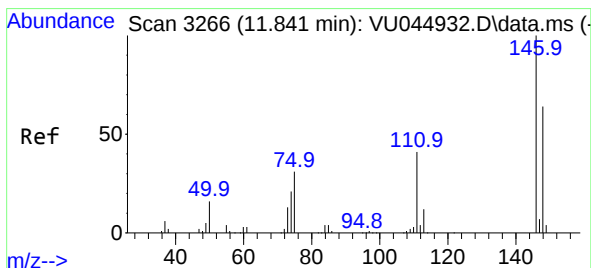
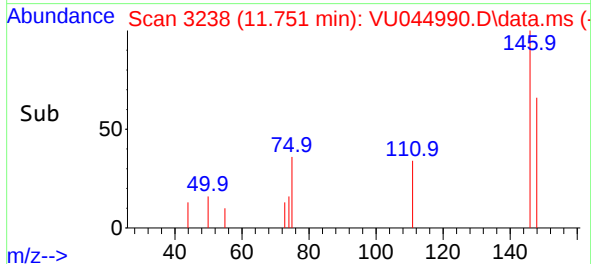
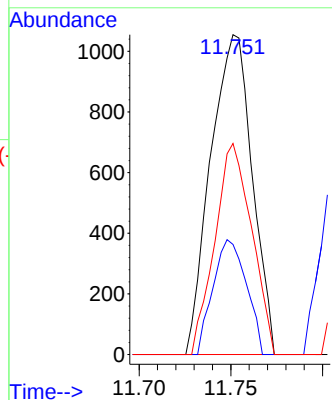
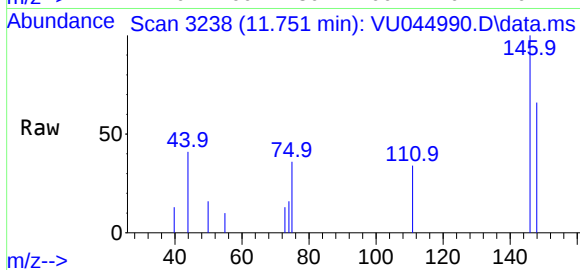


#87

1,3-Dichlorobenzene  
Concen: 0.306 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. 0.003 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

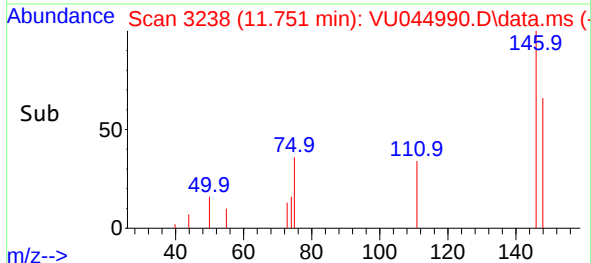
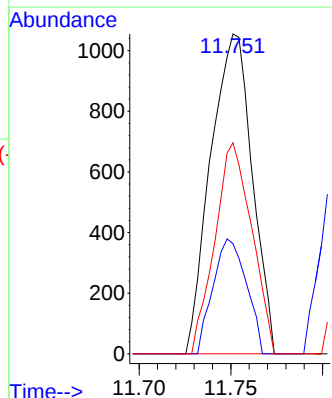
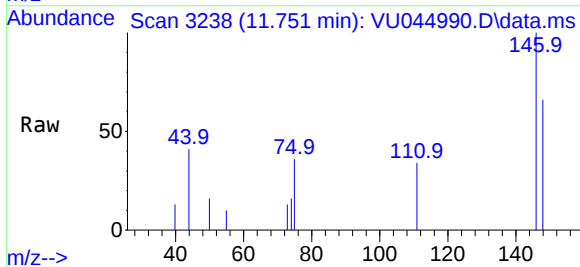
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 1661  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 28.8  | 21.2  | 63.6  |
| 148      | 58.6  | 32.1  | 96.3  |

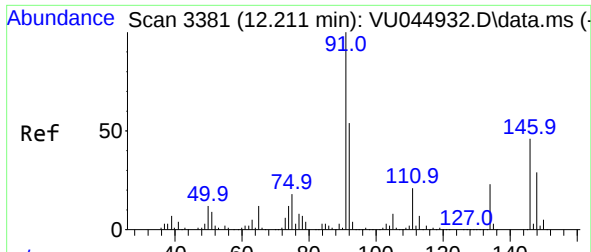


#88

1,4-Dichlorobenzene  
Concen: 0.299 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.090 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 1661  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 28.8  | 20.3  | 61.0  |
| 148      | 58.6  | 31.8  | 95.3  |





#89

n-Butylbenzene

Concen: 0.362 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU044990.D

Acq: 29 Sep 2021 14:06

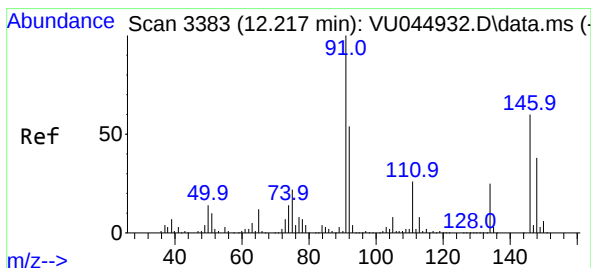
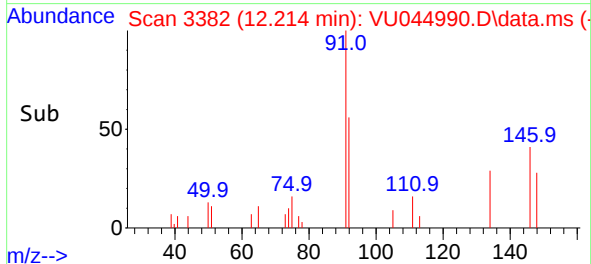
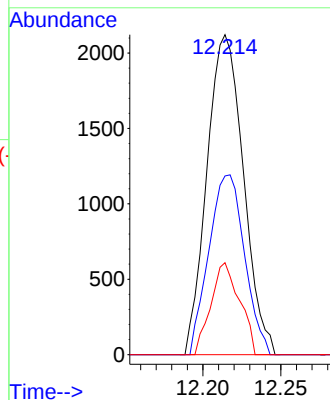
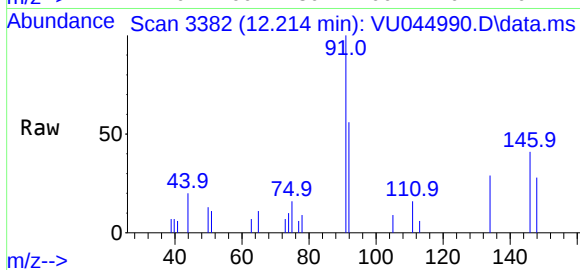
Tgt Ion: 91 Resp: 3453

Ion Ratio Lower Upper

91 100

92 55.0 26.8 80.4

134 22.6 11.8 35.4



#91

1,2-Dichlorobenzene

Concen: 0.290 ug/l

RT: 12.217 min Scan# 3383

Delta R.T. 0.000 min

Lab File: VU044990.D

Acq: 29 Sep 2021 14:06

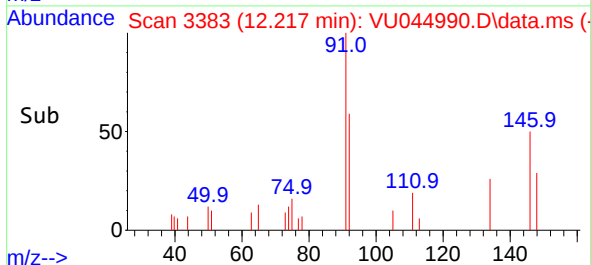
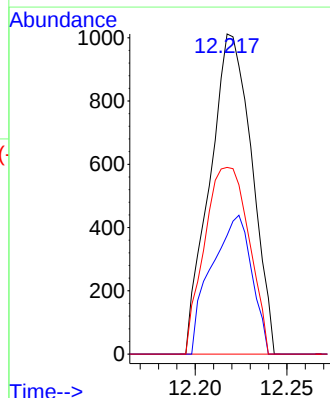
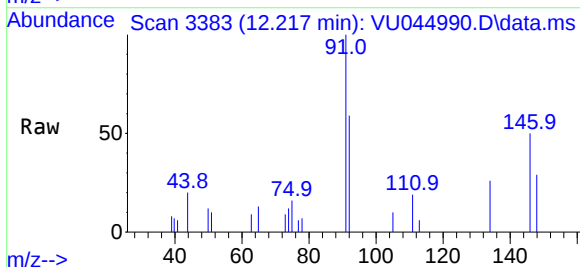
Tgt Ion: 146 Resp: 1608

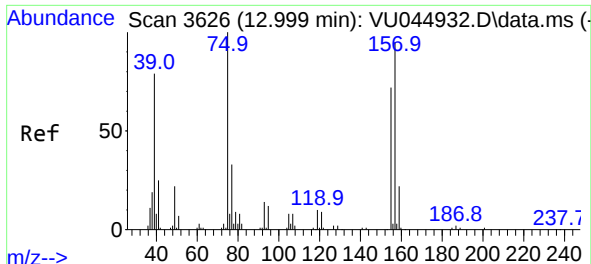
Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

148 61.9 31.8 95.3

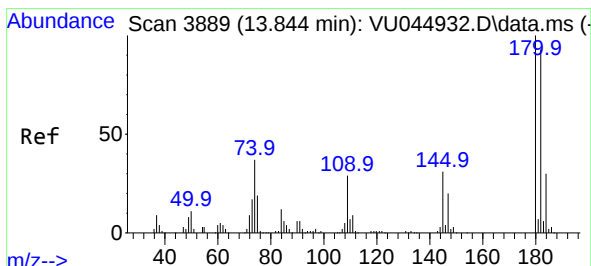
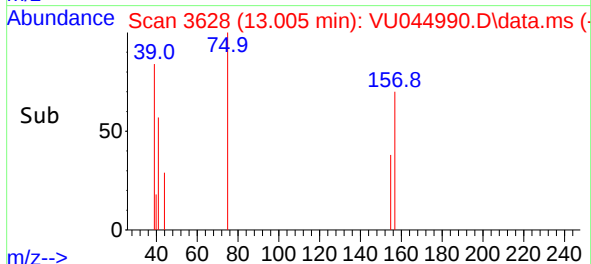
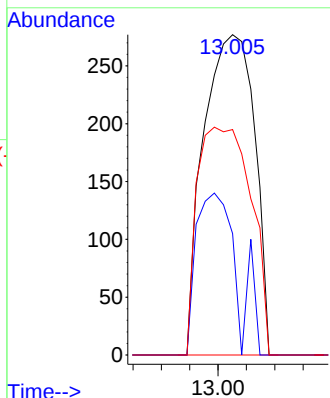
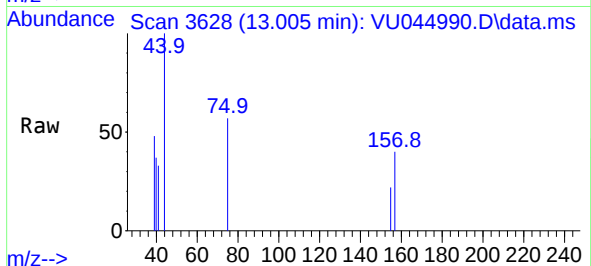




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.287 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.006 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

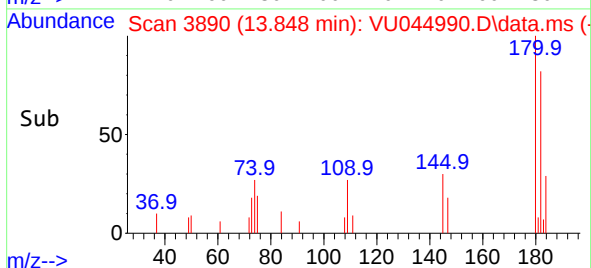
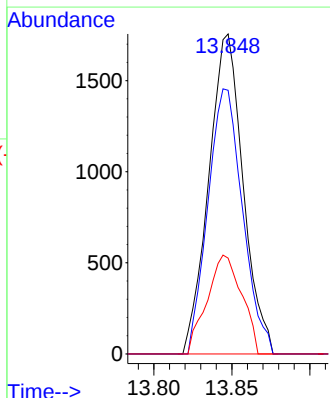
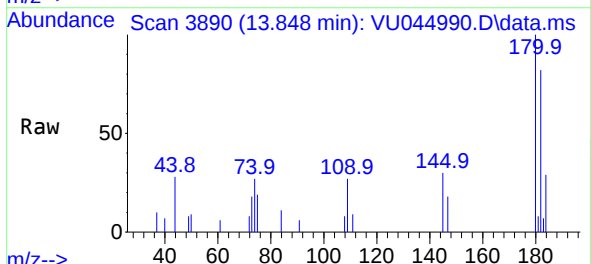
Instrument :  
MSVOA\_U  
ClientSampleId :  
UNDERPASS

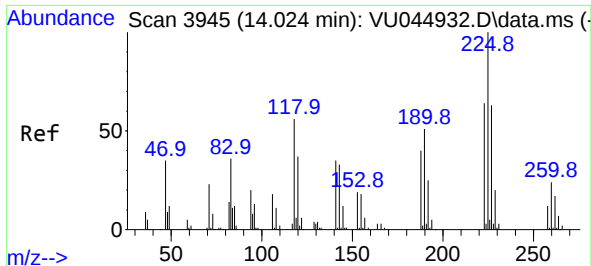
Tgt Ion: 75 Resp: 344  
Ion Ratio Lower Upper  
75 100  
155 40.4 36.9 110.6  
157 75.3 47.8 143.3



#93  
1,2,4-Trichlorobenzene  
Concen: 0.871 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.004 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

Tgt Ion:180 Resp: 2692  
Ion Ratio Lower Upper  
180 100  
182 83.5 47.4 142.3  
145 31.1 15.4 46.2

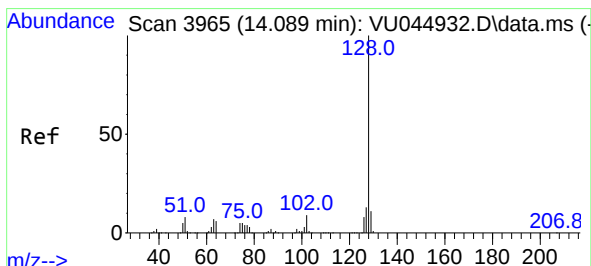
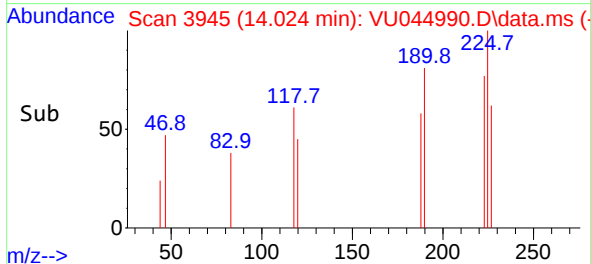
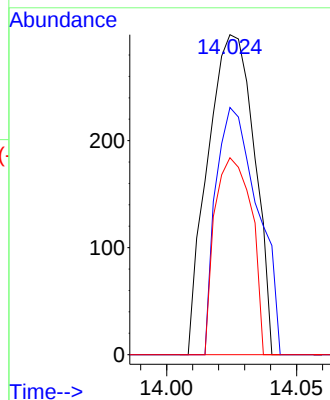
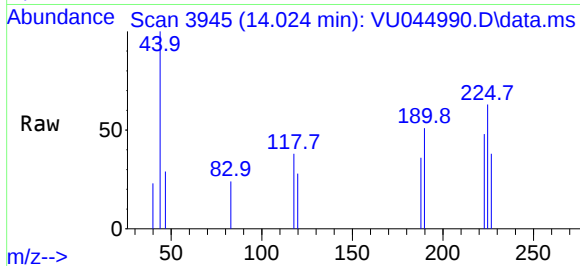




#94  
Hexachlorobutadiene  
Concen: 0.288 ug/l  
RT: 14.024 min Scan# 3945  
Delta R.T. 0.000 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

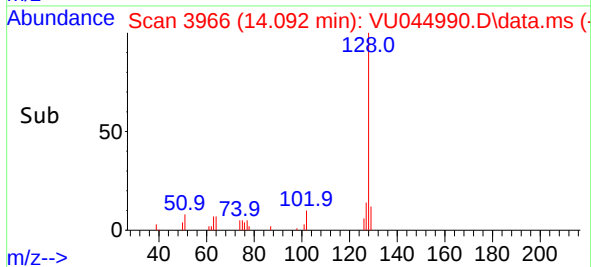
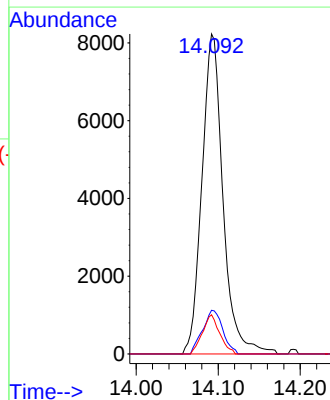
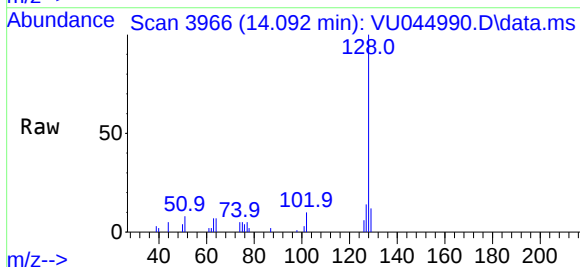
Instrument :  
MSVOA\_U  
ClientSampled :  
UNDERPASS

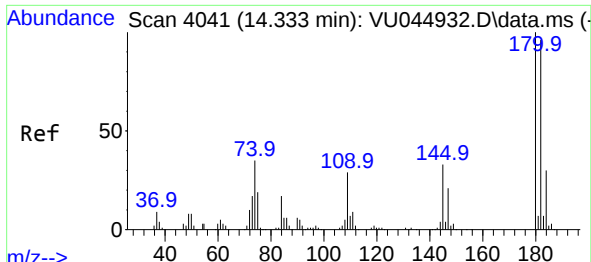
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 372   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 69.4  | 31.1  | 93.3  |
| 227      | 48.4  | 31.4  | 94.3  |



#95  
Naphthalene  
Concen: 1.262 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.003 min  
Lab File: VU044990.D  
Acq: 29 Sep 2021 14:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 14676 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.1  | 10.4  | 15.6  |
| 129      | 10.0  | 8.6   | 13.0  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.855 ug/l  
 RT: 14.336 min Scan# 4042  
 Delta R.T. 0.003 min  
 Lab File: VU044990.D  
 Acq: 29 Sep 2021 14:06

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 UNDERPASS

Tgt Ion:180 Resp: 2655  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 47.1 141.4  
 145 30.1 16.4 49.2

