

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041421\  
 Data File : VU043088.D  
 Acq On : 14 Apr 2021 12:50  
 Operator : SY/MD  
 Sample : M1983-02ME  
 Misc : 2.79g/5mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 15 02:03:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc         | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------------|--------|----------|
| -----                         |        |      |          |              |        |          |
| Internal Standards            |        |      |          |              |        |          |
| 1) Pentafluorobenzene         | 5.382  | 168  | 175867   | 50.00        | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.256  | 114  | 291084   | 50.00        | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 9.436  | 117  | 270459   | 50.00        | ug/l   | 0.01     |
| 72) 1,4-Dichlorobenzene-d4    | 11.828 | 152  | 142612   | 50.00        | ug/l   | 0.00     |
|                               |        |      |          |              |        |          |
| System Monitoring Compounds   |        |      |          |              |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.716  | 65   | 142497   | 48.20        | ug/l   | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =            | 96.40% |          |
| 35) Dibromofluoromethane      | 5.311  | 113  | 88314    | 40.38        | ug/l   | 0.01     |
| Spiked Amount 50.000          |        |      | Recovery | =            | 80.76% |          |
| 50) Toluene-d8                | 7.909  | 98   | 365131   | 47.18        | ug/l   | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =            | 94.36% |          |
| 62) 4-Bromofluorobenzene      | 10.655 | 95   | 133808   | 43.17        | ug/l   | 0.02     |
| Spiked Amount 50.000          |        |      | Recovery | =            | 86.34% |          |
|                               |        |      |          |              |        |          |
| Target Compounds              |        |      |          |              |        | Qvalue   |
| 3) Chloromethane              | 1.520  | 50   | 906      | Below Cal    |        | 99       |
| 5) Bromomethane               | 1.858  | 94   | 640      | 0.59 ug/l    |        | 82       |
| 10) Methyl Iodide             | 2.690  | 142  | 739      | 0.32 ug/l #  |        | 80       |
| 11) Tert butyl alcohol        | 3.189  | 59   | 3778     | 4.96 ug/l #  |        | 94       |
| 13) Acrolein                  | 2.401  | 56   | 98       | 10.62 ug/l # |        | 40       |
| 16) Acetone                   | 2.671  | 43   | 332540   | 191.05 ug/l  |        | 99       |
| 17) Carbon Disulfide          | 2.758  | 76   | 1142     | 0.23 ug/l #  |        | 74       |
| 18) Methyl Acetate            | 2.973  | 43   | 6639     | 1.80 ug/l    |        | 99       |
| 25) 2-Butanone                | 4.745  | 43   | 915      | 0.34 ug/l    |        | 97       |
| 29) Tetrahydrofuran           | 5.115  | 42   | 4984     | 2.95 ug/l #  |        | 1        |
| 31) Cyclohexane               | 5.362  | 56   | 204948   | 56.20 ug/l # |        | 50       |
| 36) 1,1-Dichloropropene       | 5.382  | 75   | 15138    | 4.90 ug/l #  |        | 53       |
| 38) Carbon Tetrachloride      | 5.378  | 117  | 17945    | 5.42 ug/l #  |        | 16       |
| 39) Methylcyclohexane         | 6.761  | 83   | 103183   | 30.39 ug/l   |        | 96       |
| 40) Benzene                   | 5.774  | 78   | 2168     | 0.25 ug/l    |        | 98       |
| 41) Methacrylonitrile         | 5.121  | 41   | 26689    | 9.61 ug/l #  |        | 57       |
| 43) Isopropyl Acetate         | 5.845  | 43   | 131416   | 17.45 ug/l # |        | 64       |
| 45) 1,2-Dichloropropane       | 6.758  | 63   | 1139     | 0.46 ug/l #  |        | 1        |
| 48) Methyl methacrylate       | 6.980  | 41   | 16837    | 4.45 ug/l #  |        | 62       |
| 51) 4-Methyl-2-Pentanone      | 7.861  | 43   | 9583     | 1.72 ug/l #  |        | 47       |
| 52) Toluene                   | 7.980  | 92   | 1538130  | 281.18 ug/l  |        | 100      |
| 53) t-1,3-Dichloropropene     | 7.980  | 75   | 21234    | 5.57 ug/l #  |        | 1        |
| 55) 1,1,2-Trichloroethane     | 8.375  | 97   | 15368    | 6.55 ug/l #  |        | 17       |
| 59) 2-Hexanone                | 8.755  | 43   | 6640     | 1.45 ug/l    |        | 90       |
| 67) Ethyl Benzene             | 9.587  | 91   | 10735    | 1.03 ug/l    |        | 99       |
| 68) m/p-Xylenes               | 9.713  | 106  | 23927    | 6.18 ug/l    |        | 98       |
| 69) o-Xylene                  | 10.118 | 106  | 8167     | 2.16 ug/l    |        | 89       |
| 70) Styrene                   | 10.124 | 104  | 1497     | 0.24 ug/l #  |        | 16       |
| 73) Isopropylbenzene          | 10.500 | 105  | 5916     | 0.62 ug/l    |        | 99       |
| 74) N-amyl acetate            | 10.375 | 43   | 6323     | 1.03 ug/l #  |        | 1        |
| 75) 1,1,2,2-Tetrachloroethane | 10.812 | 83   | 1275     | 0.31 ug/l #  |        | 39       |
| 76) 1,2,3-Trichloropropane    | 10.655 | 75   | 76953    | 18.47 ug/l # |        | 38       |
| 78) n-propylbenzene           | 10.922 | 91   | 13020    | 1.14 ug/l    |        | 98       |
| 79) 2-Chlorotoluene           | 11.015 | 91   | 6251     | 0.90 ug/l #  |        | 42       |
| 80) 1,3,5-Trimethylbenzene    | 11.102 | 105  | 17837    | 2.11 ug/l    |        | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.655 | 75   | 76953    | 54.26 ug/l # |        | 7        |

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 Sample : M1983-02ME  
 Misc : 2.79g/5mL/100uL/5.00mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 15 02:03:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

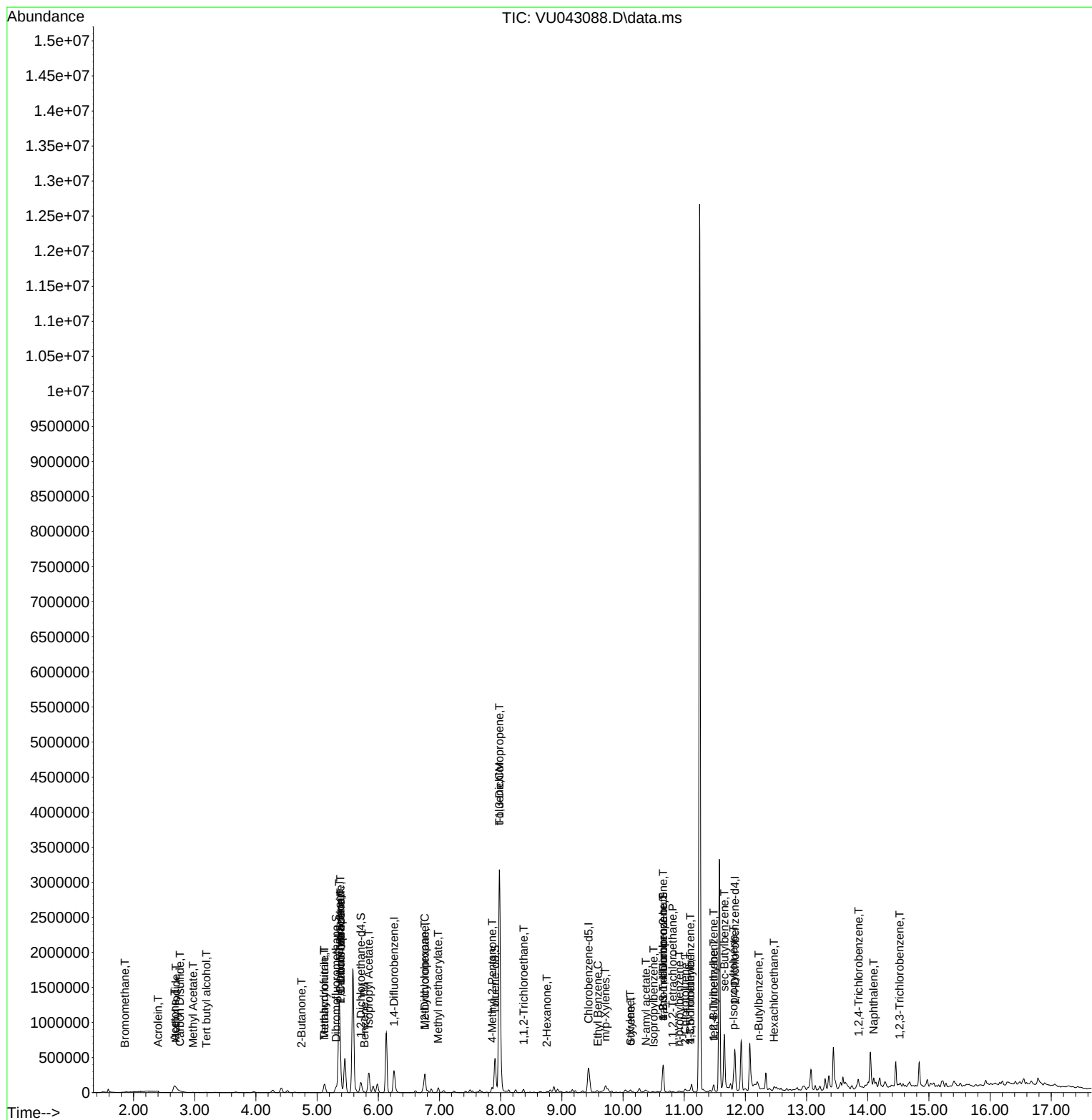
| Compound                   | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|----------------------------|--------|------|----------|-----------|-------|----------|
| -----                      |        |      |          |           |       |          |
| 82) 4-Chlorotoluene        | 11.102 | 91   | 3125     | 0.37 ug/l | #     | 54       |
| 83) tert-Butylbenzene      | 11.481 | 119  | 7421     | 0.89 ug/l | #     | 1        |
| 84) 1,2,4-Trimethylbenzene | 11.481 | 105  | 51846    | 5.97 ug/l |       | 100      |
| 85) sec-Butylbenzene       | 11.658 | 105  | 7537     | 0.77 ug/l | #     | 75       |
| 86) p-Isopropyltoluene     | 11.806 | 119  | 84579    | 9.44 ug/l |       | 99       |
| 89) n-Butylbenzene         | 12.217 | 91   | 10709    | 1.28 ug/l | #     | 48       |
| 90) Hexachloroethane       | 12.468 | 117  | 933      | 0.56 ug/l | #     | 6        |
| 93) 1,2,4-Trichlorobenzene | 13.851 | 180  | 2029     | 2.11 ug/l | #     | 74       |
| 94) Hexachlorobutadiene    | 14.034 | 225  | 335      | Below Cal | #     | 52       |
| 95) Naphthalene            | 14.095 | 128  | 19953    | 4.57 ug/l | #     | 96       |
| 96) 1,2,3-Trichlorobenzene | 14.520 | 180  | 1143     | 1.81 ug/l |       | 83       |
| -----                      |        |      |          |           |       |          |

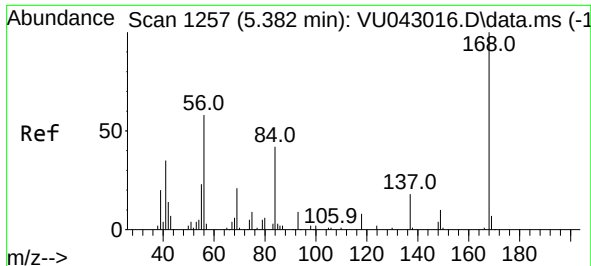
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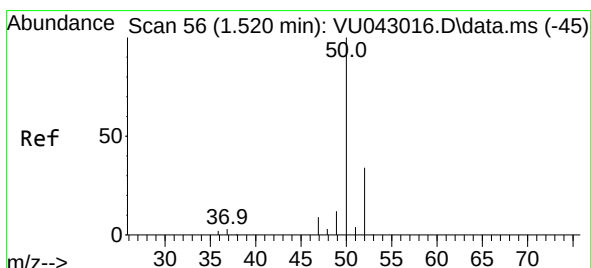
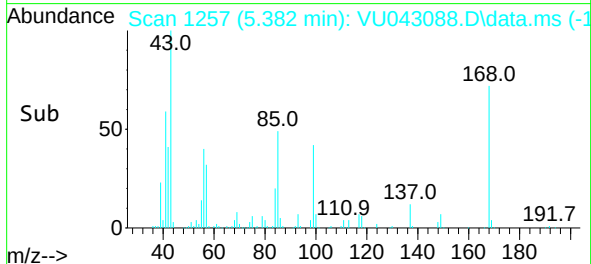
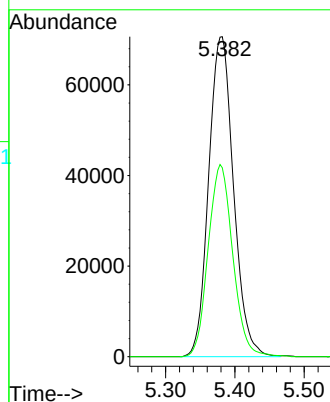
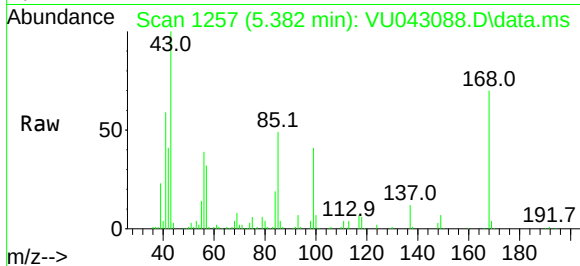




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

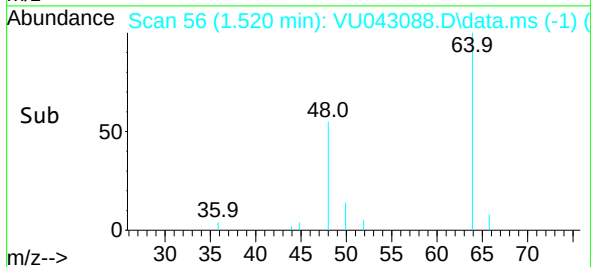
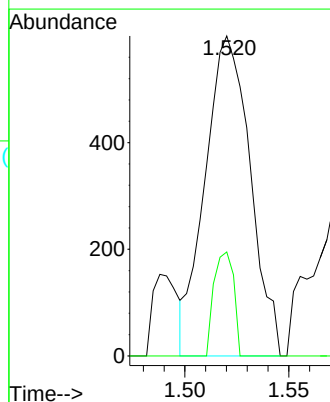
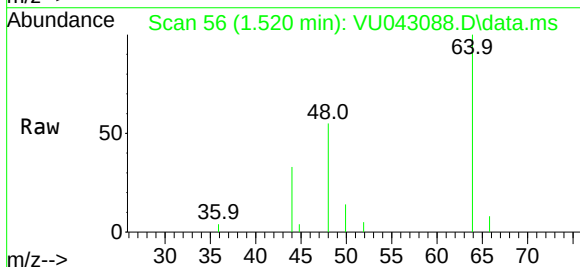
Instrument :  
MSVOA\_U  
ClientSampleId :

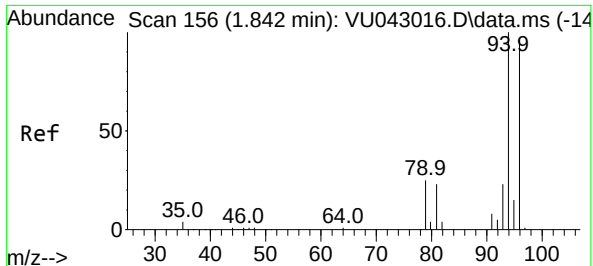
Tgt Ion:168 Resp: 175867  
Ion Ratio Lower Upper  
168 100  
99 59.0 45.0 67.4



#3  
Chloromethane  
Concen: Below Cal  
RT: 1.520 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 50 Resp: 906  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.6 40.0

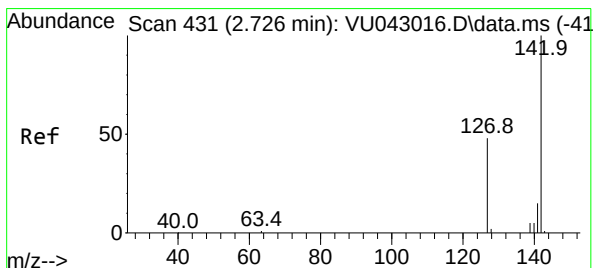
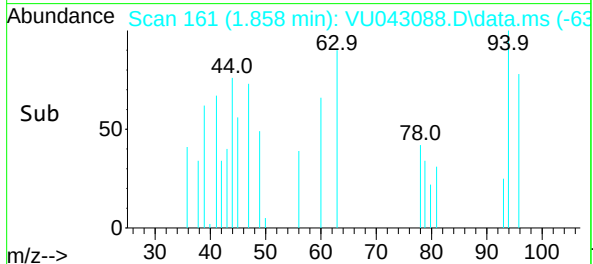
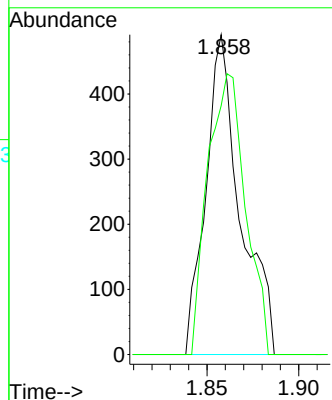
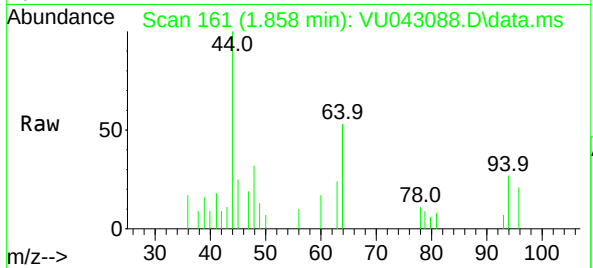




#5  
Bromomethane  
Concen: 0.59 ug/l  
RT: 1.858 min Scan# 161  
Delta R.T. 0.016 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

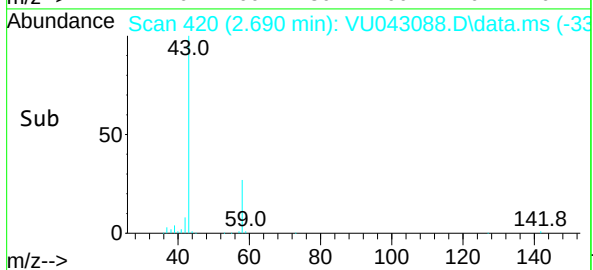
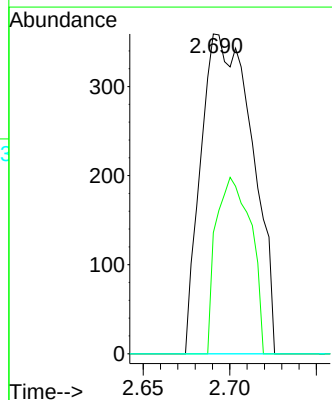
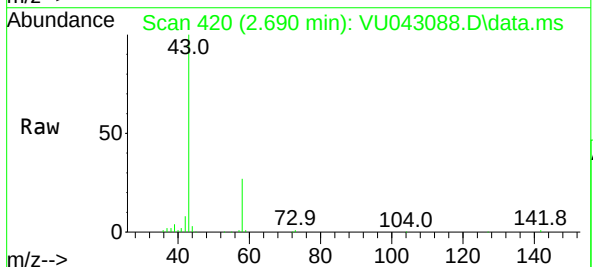
Instrument :  
MSVOA\_U  
ClientSampled :

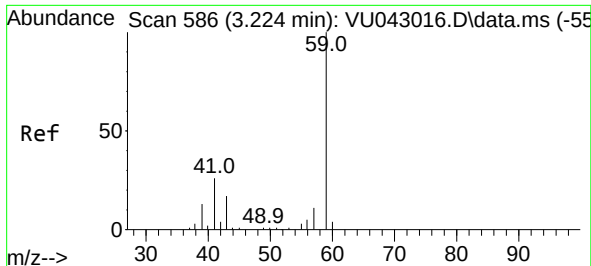
Tgt Ion: 94 Resp: 640  
Ion Ratio Lower Upper  
94 100  
96 77.8 76.6 115.0



#10  
Methyl Iodide  
Concen: 0.32 ug/l  
RT: 2.690 min Scan# 420  
Delta R.T. -0.036 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 142 Resp: 739  
Ion Ratio Lower Upper  
142 100  
127 37.5 37.8 56.6#  
141 0.0 11.8 17.6#

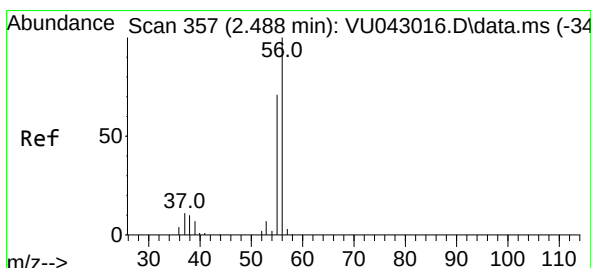
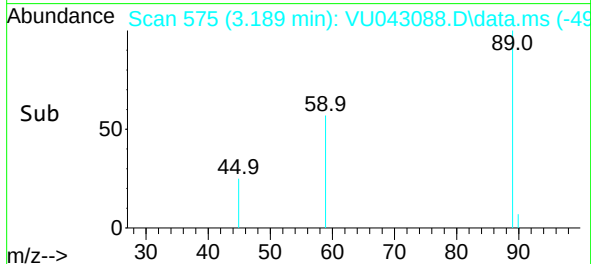
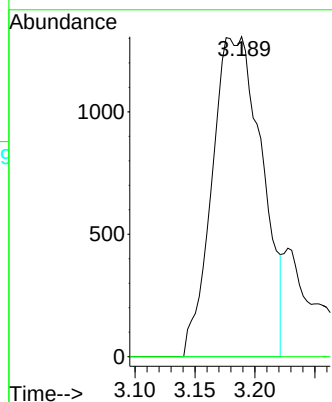
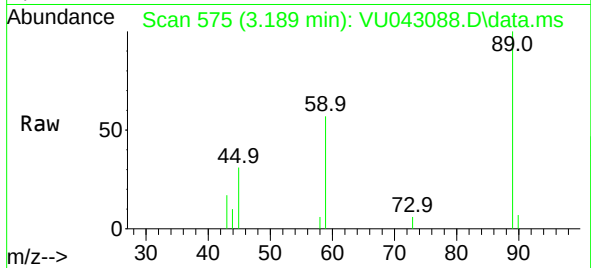




#11  
Tert butyl alcohol  
Concen: 4.96 ug/l  
RT: 3.189 min Scan# 575  
Delta R.T. -0.035 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

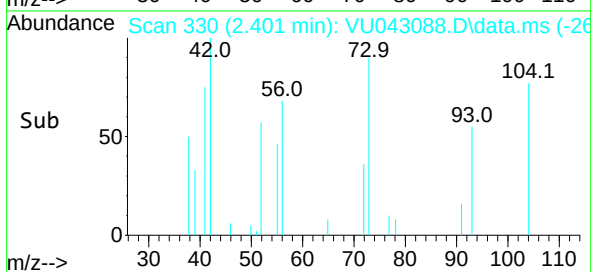
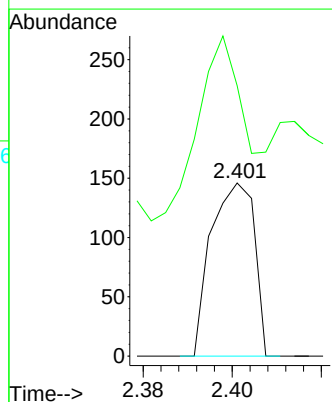
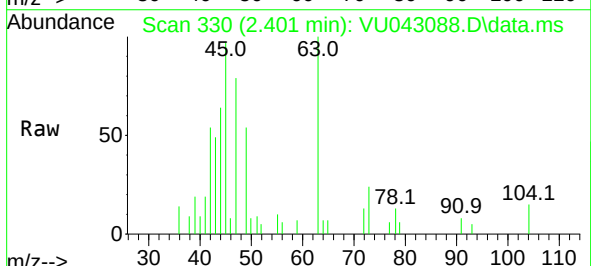
Instrument :  
MSVOA\_U  
ClientSampleId :

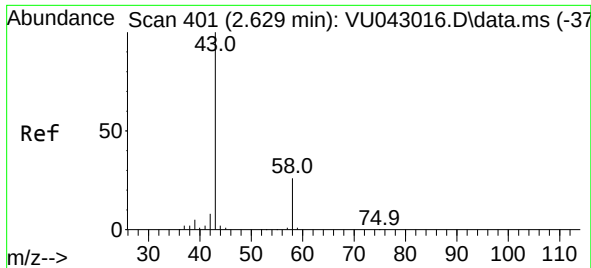
Tgt Ion: 59 Resp: 3778  
Ion Ratio Lower Upper  
59 100  
57 0.0 1.6 2.4#



#13  
Acrolein  
Concen: 10.62 ug/l  
RT: 2.401 min Scan# 330  
Delta R.T. -0.087 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 56 Resp: 98  
Ion Ratio Lower Upper  
56 100  
55 121.4 57.3 85.9#

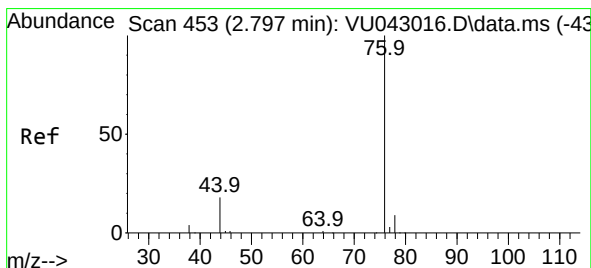
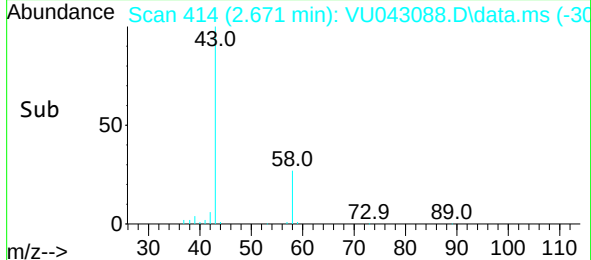
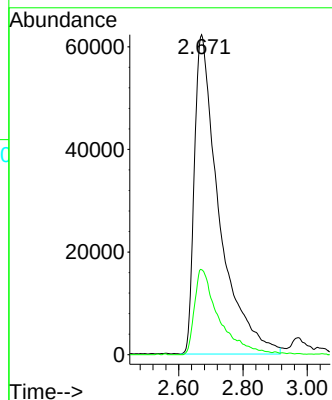
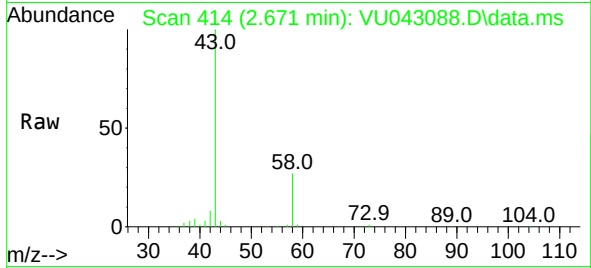




#16  
Acetone  
Concen: 191.05 ug/l  
RT: 2.671 min Scan# 414  
Delta R.T. 0.042 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

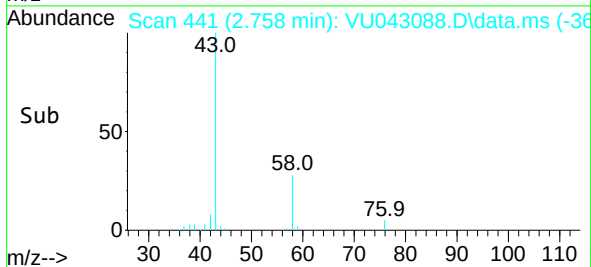
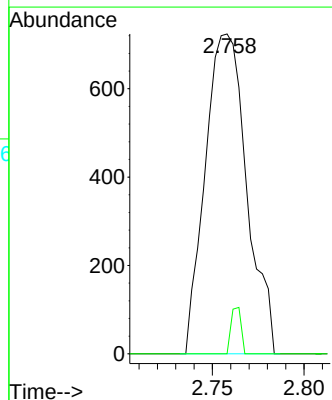
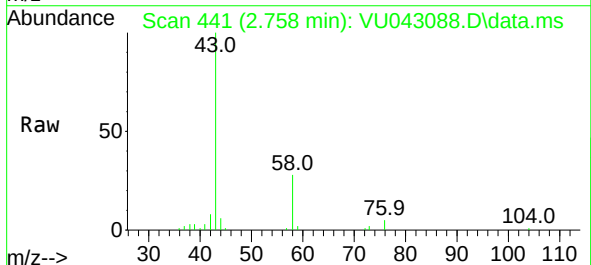
Instrument :  
MSVOA\_U  
ClientSampled :

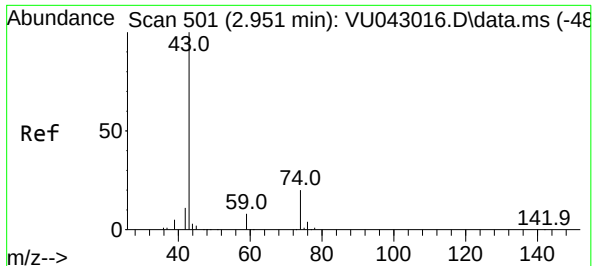
Tgt Ion: 43 Resp: 332540  
Ion Ratio Lower Upper  
43 100  
58 26.6 21.5 32.3



#17  
Carbon Disulfide  
Concen: 0.23 ug/l  
RT: 2.758 min Scan# 441  
Delta R.T. -0.039 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 76 Resp: 1142  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#

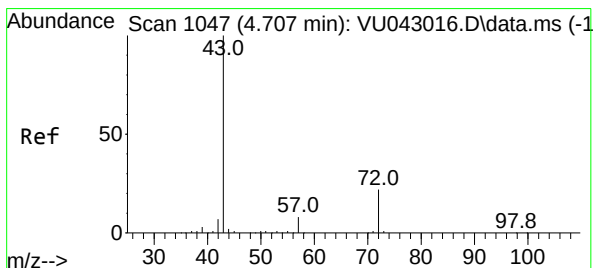
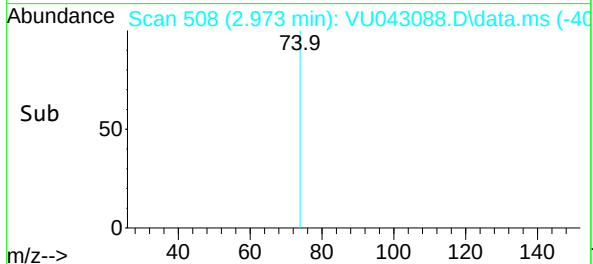
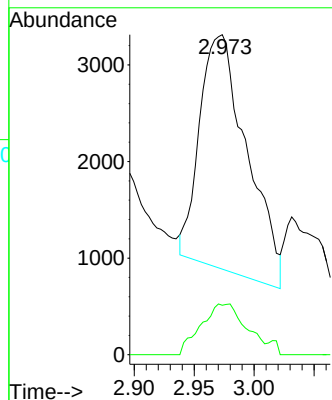
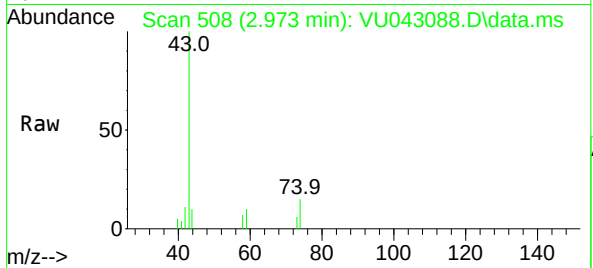




#18  
Methyl Acetate  
Concen: 1.80 ug/l  
RT: 2.973 min Scan# 508  
Delta R.T. 0.022 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

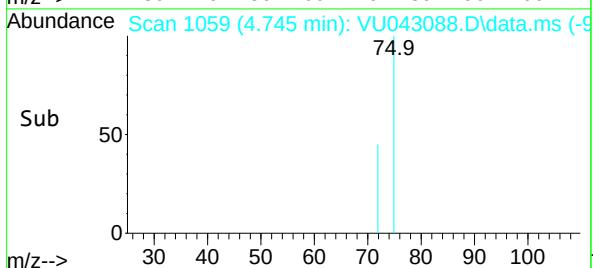
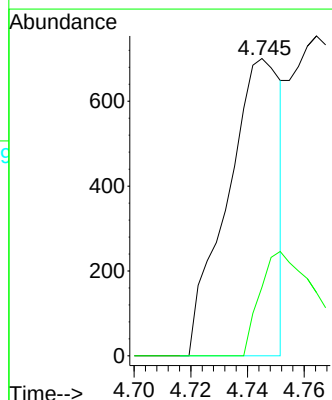
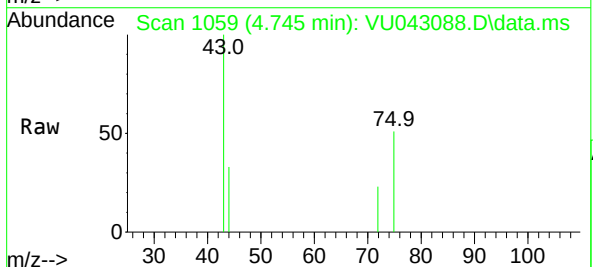
Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 43 Resp: 6639  
Ion Ratio Lower Upper  
43 100  
74 20.5 16.6 25.0

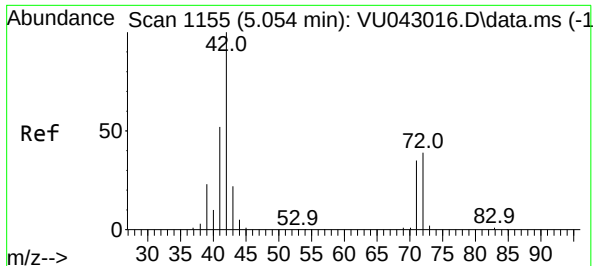


#25  
2-Butanone  
Concen: 0.34 ug/l  
RT: 4.745 min Scan# 1059  
Delta R.T. 0.038 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 43 Resp: 915  
Ion Ratio Lower Upper  
43 100  
72 23.1 17.4 26.0







#29

Tetrahydrofuran

Concen: 2.95 ug/l

RT: 5.115 min Scan# 1174

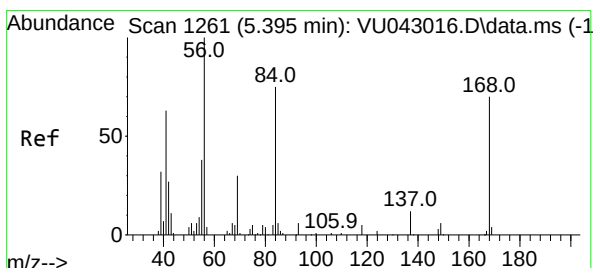
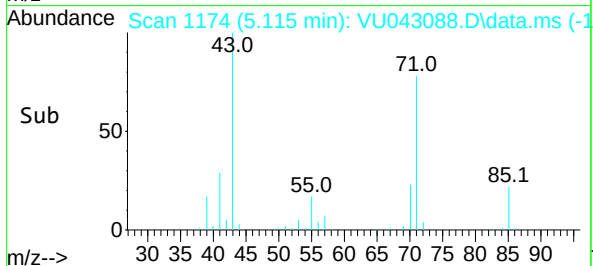
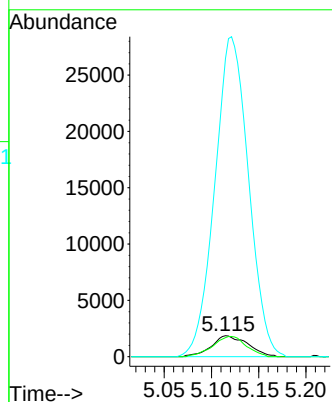
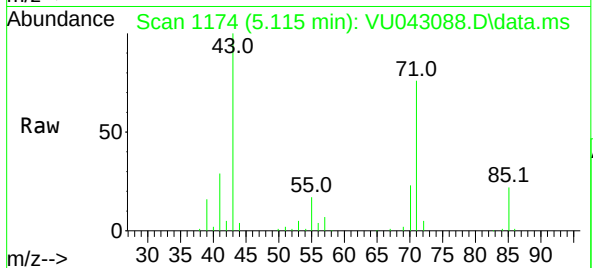
Delta R.T. 0.061 min

Lab File: VU043088.D

Acq: 14 Apr 2021 12:50

|           |        |       |       |
|-----------|--------|-------|-------|
| Tgt Ion:  | 42     | Resp: | 4984  |
| Ion Ratio | Lower  | Upper |       |
| 42        | 100    |       |       |
| 72        | 88.6   | 31.5  | 47.3# |
| 71        | 1414.0 | 29.5  | 44.3# |

Instrument :  
MSVOA\_U  
ClientSampleId :



#31

Cyclohexane

Concen: 56.20 ug/l

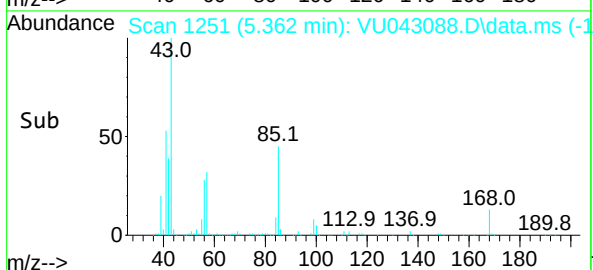
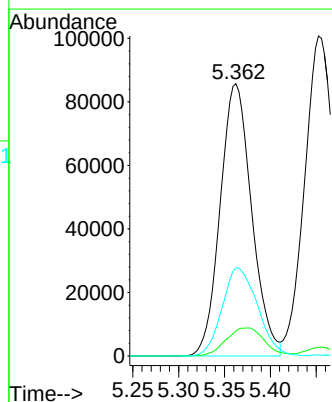
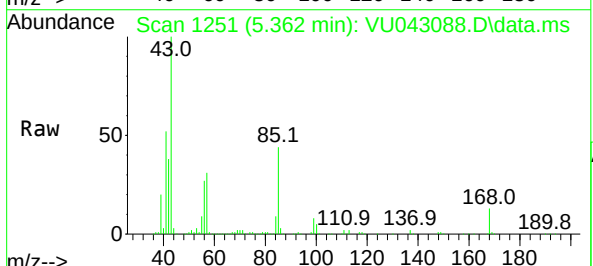
RT: 5.362 min Scan# 1251

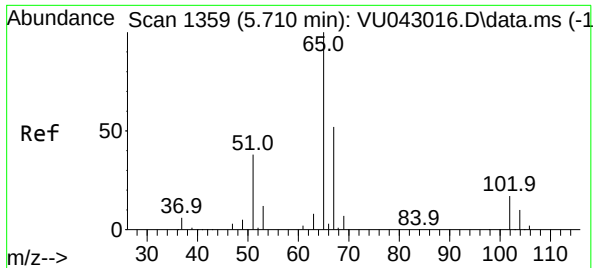
Delta R.T. -0.033 min

Lab File: VU043088.D

Acq: 14 Apr 2021 12:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 204948 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 9.0   | 24.9  | 37.3#  |
| 84        | 32.4  | 63.7  | 95.5#  |





#33

1,2-Dichloroethane-d4

Concen: 48.20 ug/l

RT: 5.716 min Scan# 1361

Delta R.T. 0.006 min

Lab File: VU043088.D

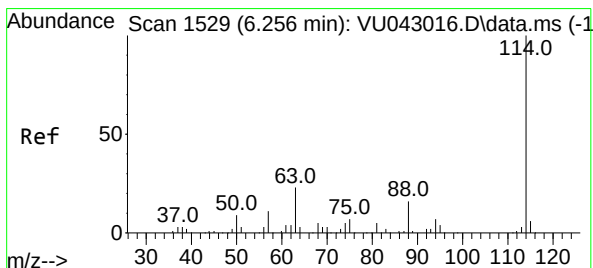
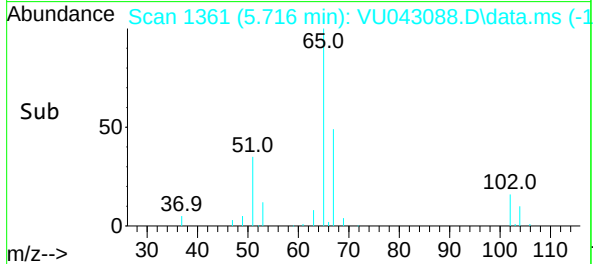
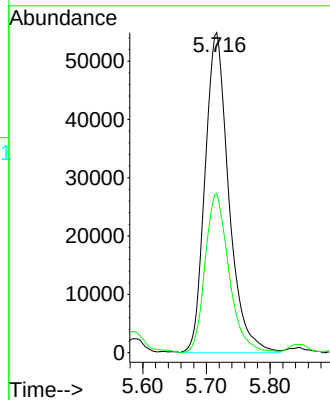
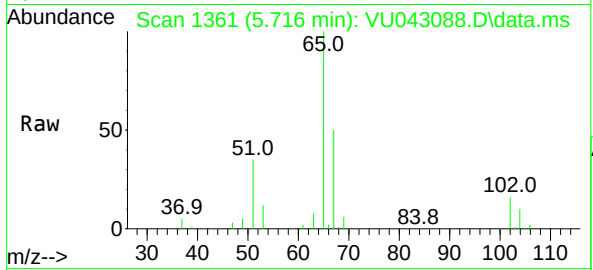
Acq: 14 Apr 2021 12:50

Tgt Ion: 65 Resp: 142497

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043088.D

Acq: 14 Apr 2021 12:50

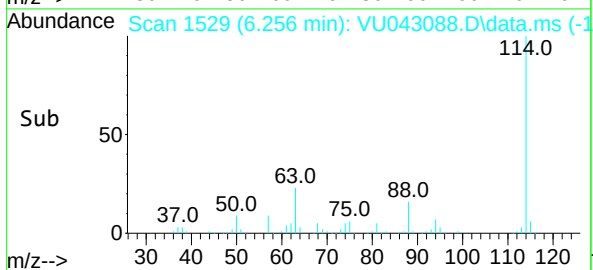
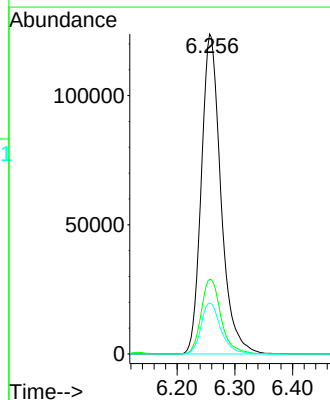
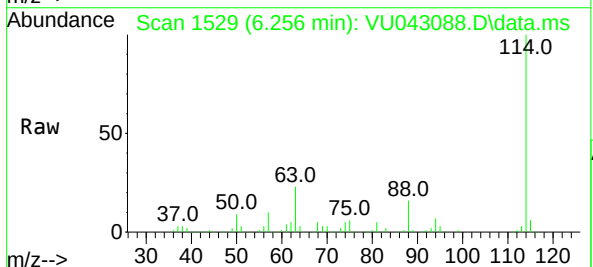
Tgt Ion: 114 Resp: 291084

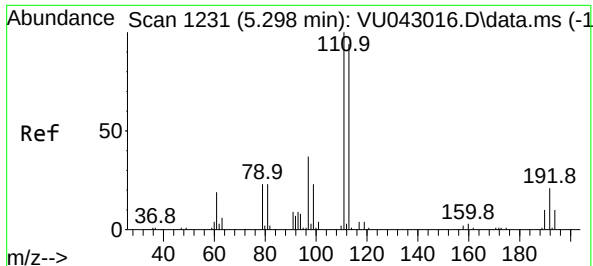
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.2

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 40.38 ug/l

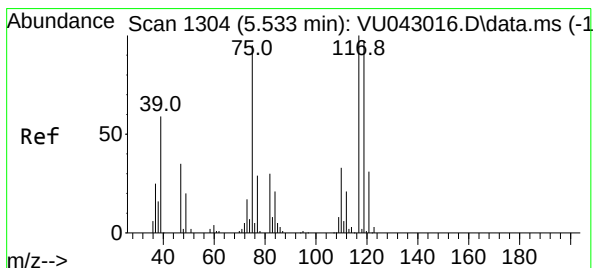
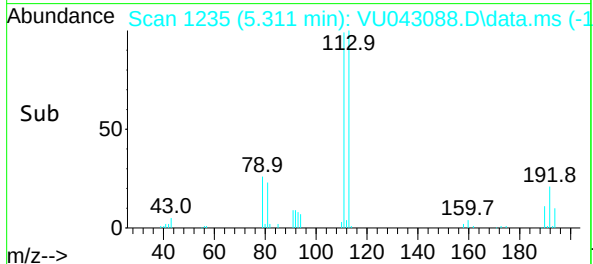
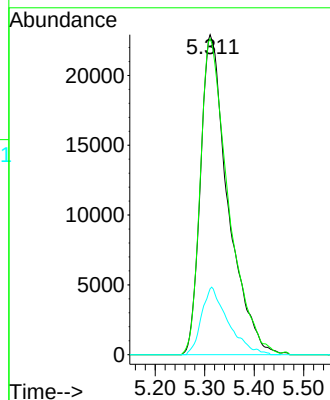
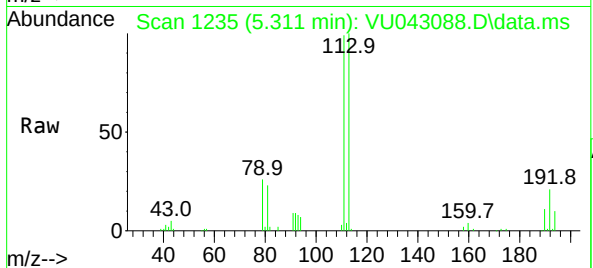
RT: 5.311 min Scan# 1235

Delta R.T. 0.013 min

Lab File: VU043088.D

Acq: 14 Apr 2021 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 88314 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.1 | 81.8  | 122.8 |
| 192      | 20.4  | 17.2  | 25.8  |



#36

1,1-Dichloropropene

Concen: 4.90 ug/l

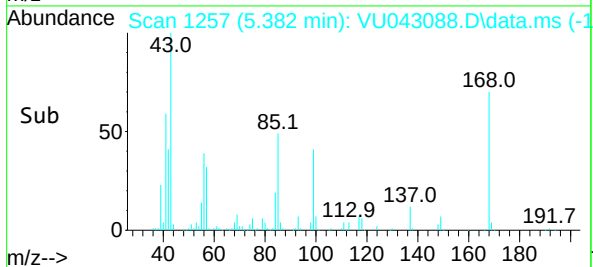
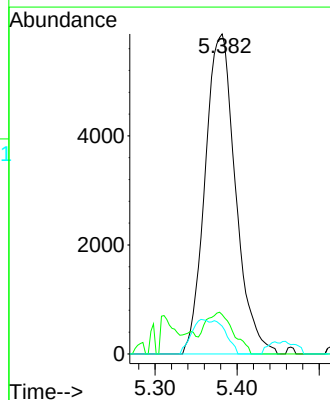
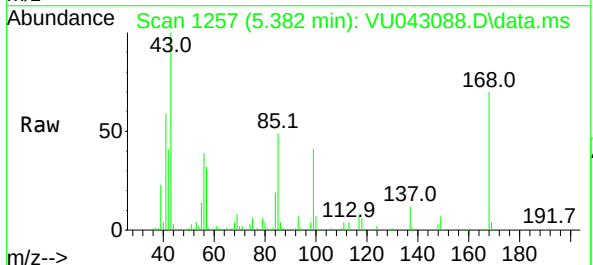
RT: 5.382 min Scan# 1257

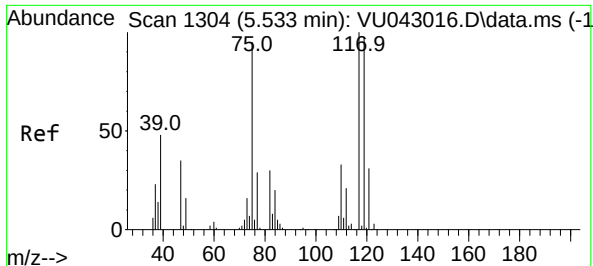
Delta R.T. -0.151 min

Lab File: VU043088.D

Acq: 14 Apr 2021 12:50

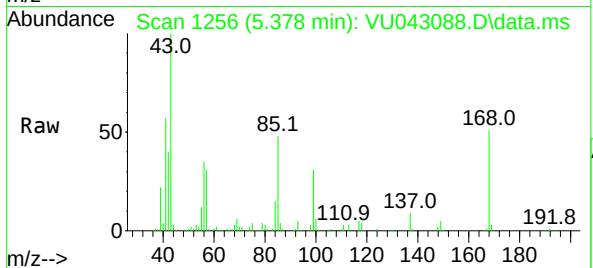
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 15138 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 12.0  | 16.8  | 50.3# |
| 77       | 0.0   | 24.8  | 37.2# |



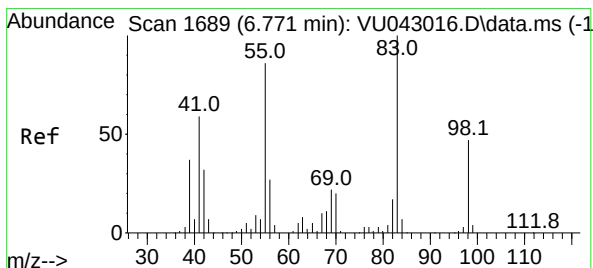
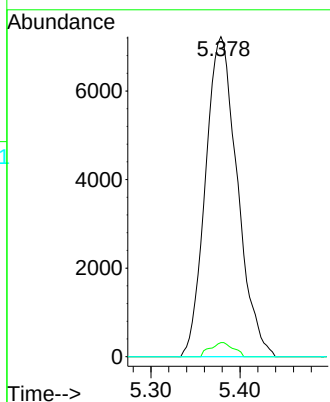
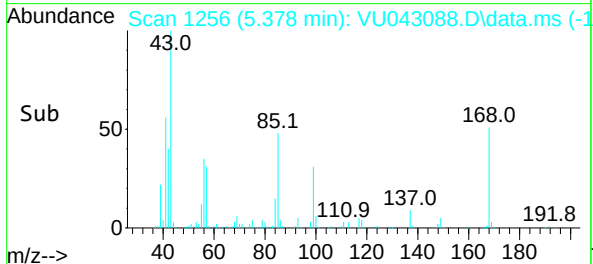


#38  
Carbon Tetrachloride  
Concen: 5.42 ug/l  
RT: 5.378 min Scan# 1256  
Delta R.T. -0.155 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

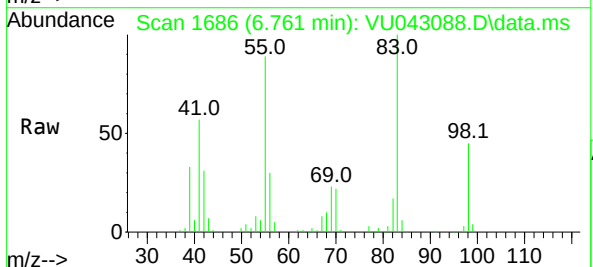
Instrument :  
MSVOA\_U  
ClientSampleId :



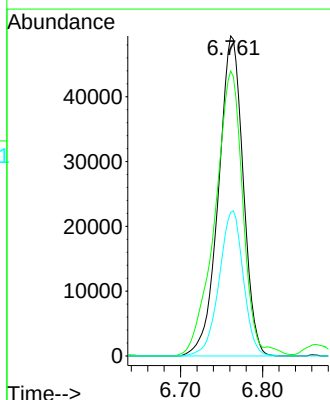
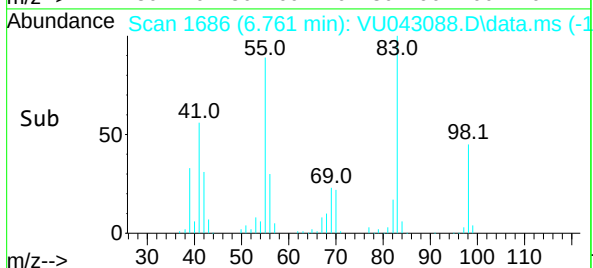
Tgt Ion:117 Resp: 17945  
Ion Ratio Lower Upper  
117 100  
119 4.4 75.5 113.3#  
121 0.0 24.7 37.1#

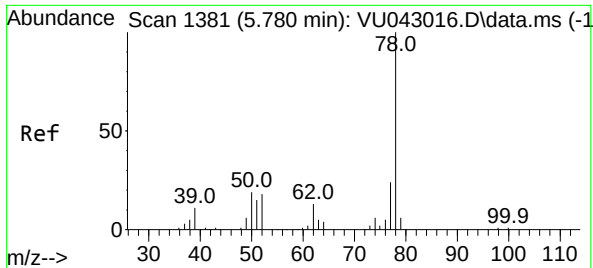


#39  
Methylcyclohexane  
Concen: 30.39 ug/l  
RT: 6.761 min Scan# 1686  
Delta R.T. -0.010 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50



Tgt Ion: 83 Resp: 103183  
Ion Ratio Lower Upper  
83 100  
55 88.7 66.8 100.2  
98 44.9 36.9 55.3

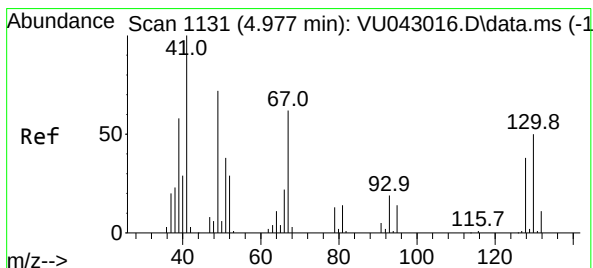
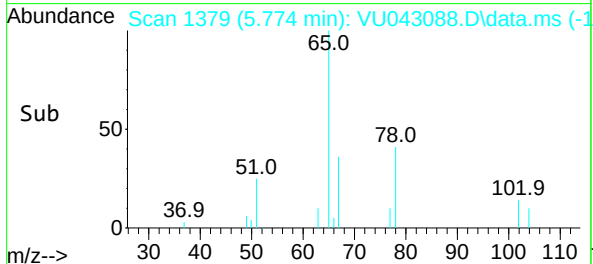
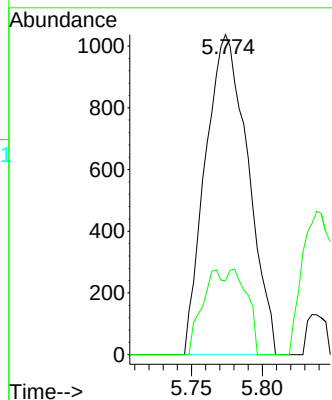
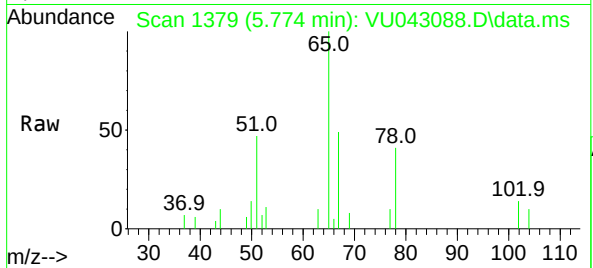




#40  
Benzene  
Concen: 0.25 ug/l  
RT: 5.774 min Scan# 1379  
Delta R.T. -0.006 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

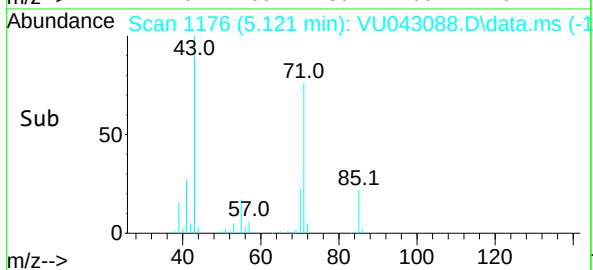
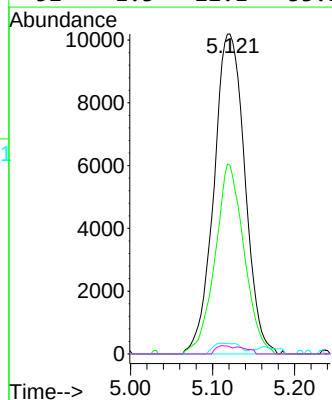
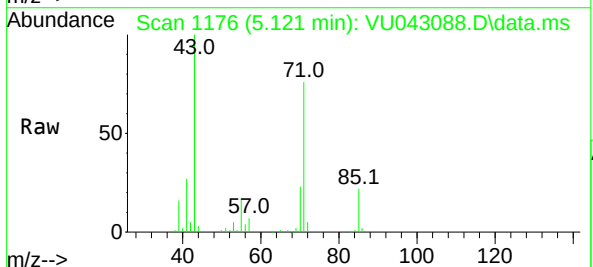
Instrument :  
MSVOA\_U  
ClientSampled :

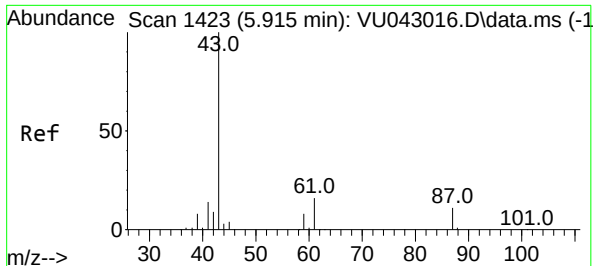
Tgt Ion: 78 Resp: 2168  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.3 28.9



#41  
Methacrylonitrile  
Concen: 9.61 ug/l  
RT: 5.121 min Scan# 1176  
Delta R.T. 0.144 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 41 Resp: 26689  
Ion Ratio Lower Upper  
41 100  
39 55.7 45.1 67.7  
67 2.9 50.2 75.2#  
52 1.3 22.1 33.1#

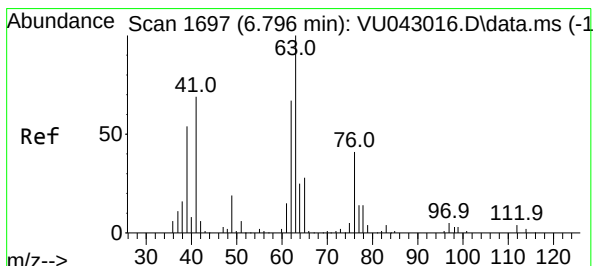
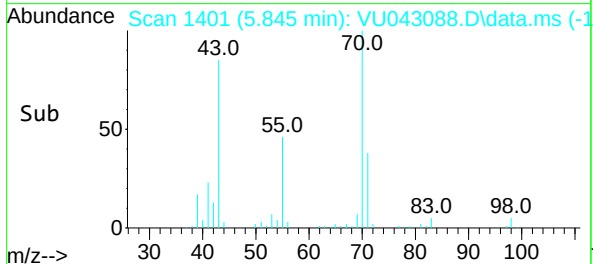
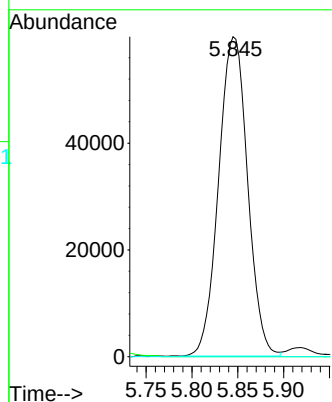
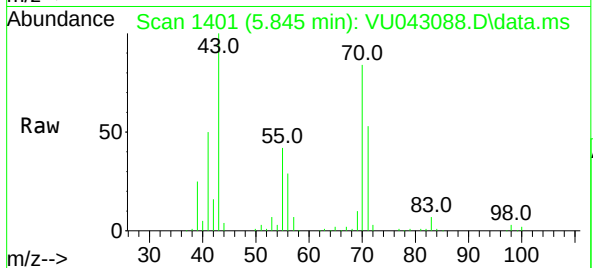




#43  
Isopropyl Acetate  
Concen: 17.45 ug/l  
RT: 5.845 min Scan# 1401  
Delta R.T. -0.070 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

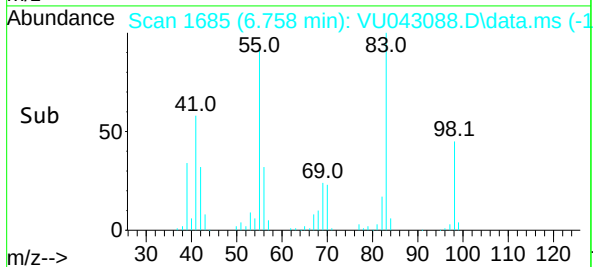
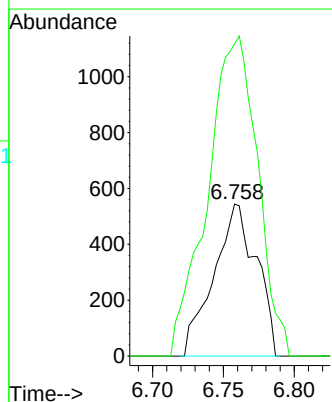
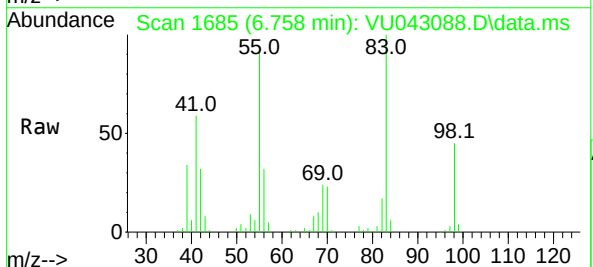
Instrument :  
MSVOA\_U  
ClientSampleId :

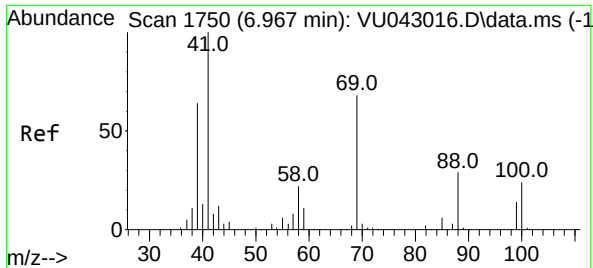
Tgt Ion: 43 Resp: 131416  
Ion Ratio Lower Upper  
43 100  
61 0.0 14.4 21.6#  
87 0.0 8.8 13.2#



#45  
1,2-Dichloropropane  
Concen: 0.46 ug/l  
RT: 6.758 min Scan# 1685  
Delta R.T. -0.038 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 63 Resp: 1139  
Ion Ratio Lower Upper  
63 100  
65 181.8 25.4 38.2#

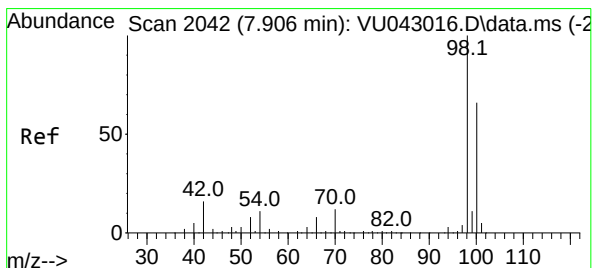
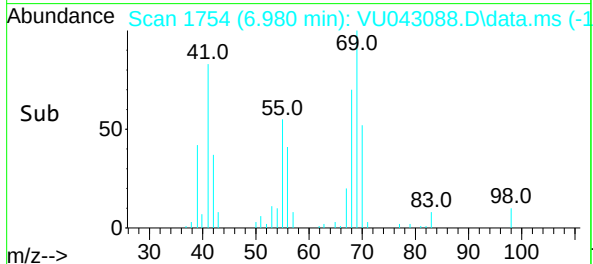
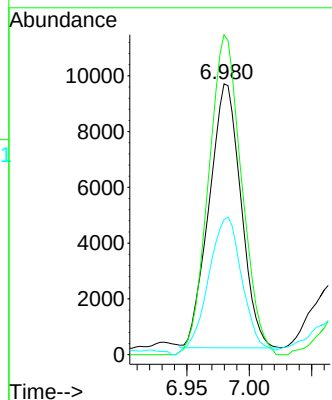
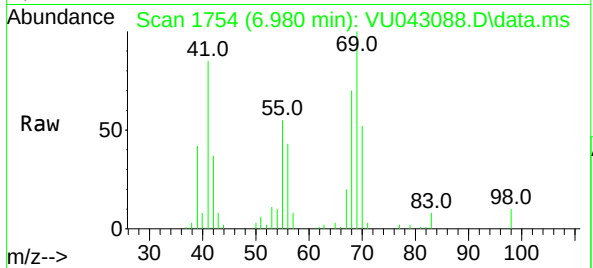




#48  
Methyl methacrylate  
Concen: 4.45 ug/l  
RT: 6.980 min Scan# 1754  
Delta R.T. 0.013 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

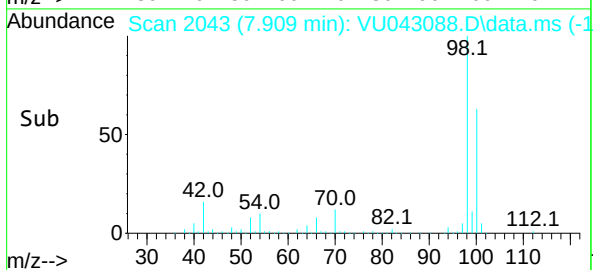
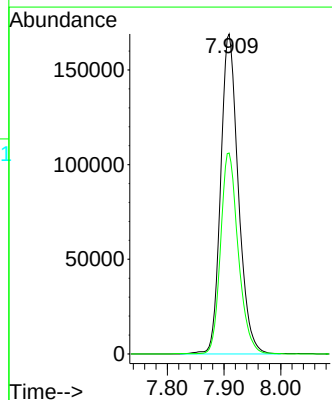
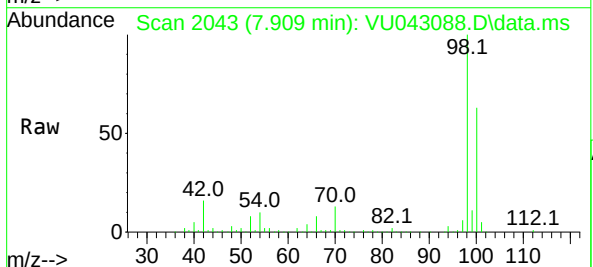
Instrument :  
MSVOA\_U  
ClientSampled :

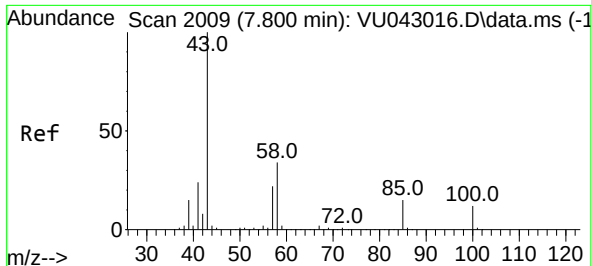
Tgt Ion: 41 Resp: 16837  
Ion Ratio Lower Upper  
41 100  
69 126.0 57.0 85.6#  
39 56.0 48.4 72.6



#50  
Toluene-d8  
Concen: 47.18 ug/l  
RT: 7.909 min Scan# 2043  
Delta R.T. 0.003 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 98 Resp: 365131  
Ion Ratio Lower Upper  
98 100  
100 62.6 50.2 75.2

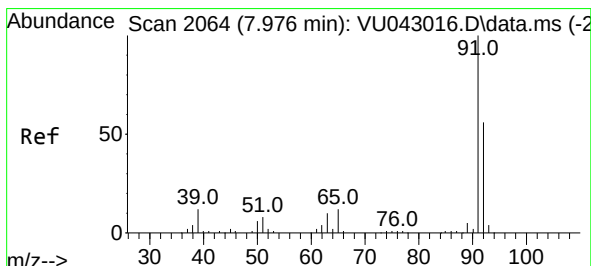
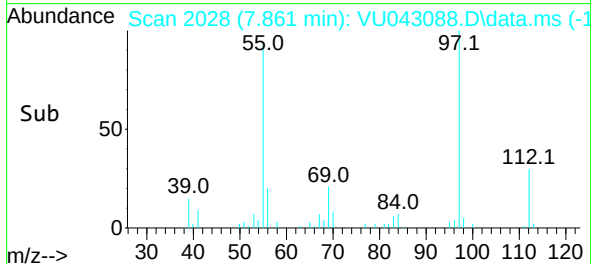
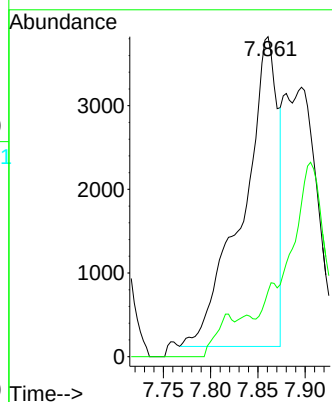
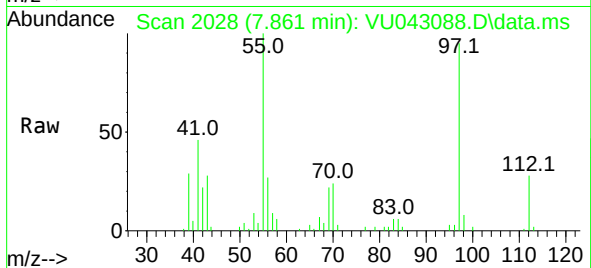




#51  
4-Methyl-2-Pentanone  
Concen: 1.72 ug/l  
RT: 7.861 min Scan# 2028  
Delta R.T. 0.061 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

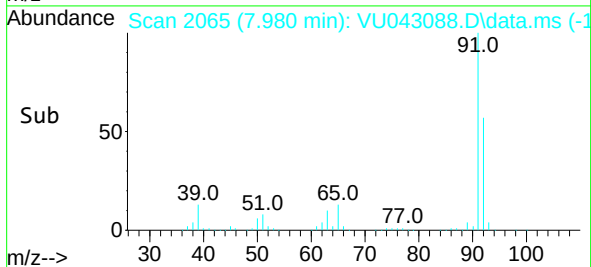
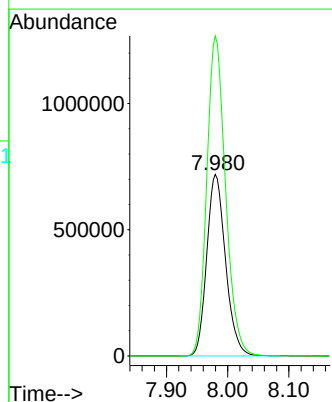
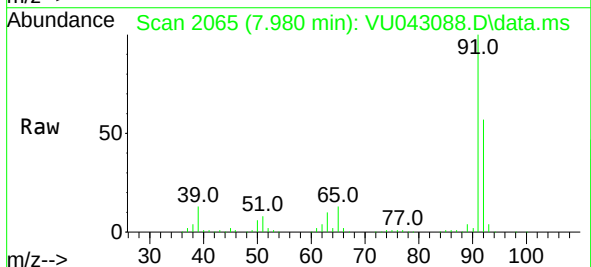
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 9583  
Ion Ratio Lower Upper  
43 100  
58 4.4 28.1 42.1#

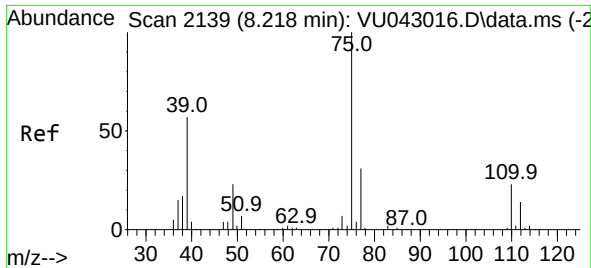


#52  
Toluene  
Concen: 281.18 ug/l  
RT: 7.980 min Scan# 2065  
Delta R.T. 0.004 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 92 Resp: 1538130  
Ion Ratio Lower Upper  
92 100  
91 176.0 140.3 210.5



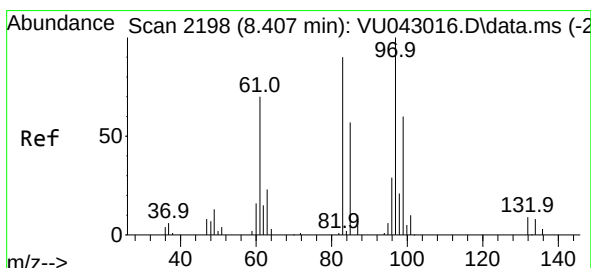
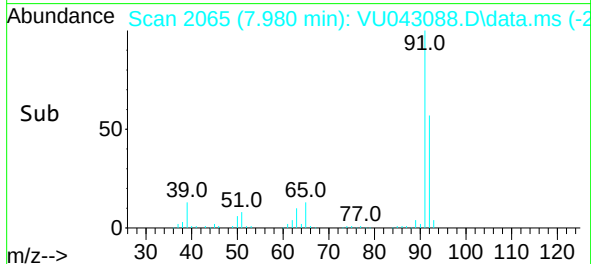
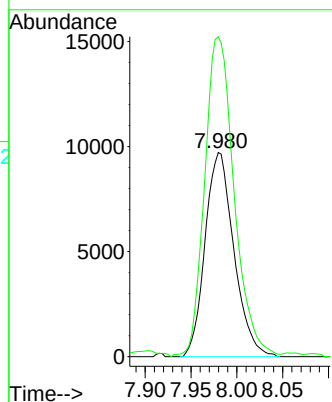
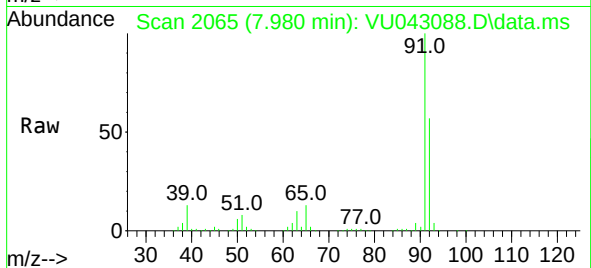




#53  
t-1,3-Dichloropropene  
Concen: 5.57 ug/l  
RT: 7.980 min Scan# 2065  
Delta R.T. -0.238 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

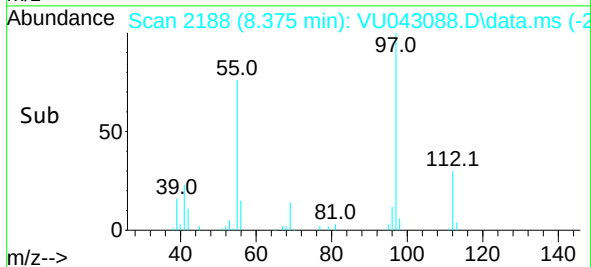
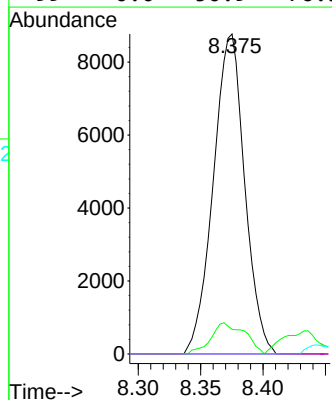
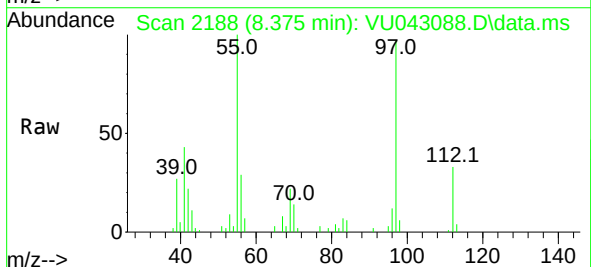
Instrument :  
MSVOA\_U  
ClientSampled :

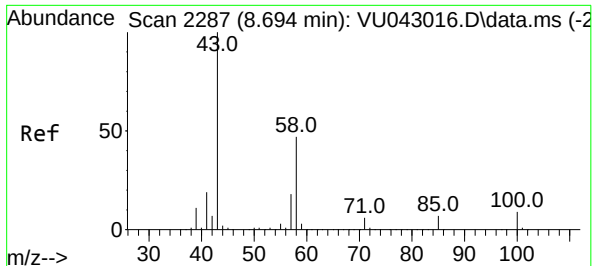
Tgt Ion: 75 Resp: 21234  
Ion Ratio Lower Upper  
75 100  
77 155.6 25.6 38.4#



#55  
1,1,2-Trichloroethane  
Concen: 6.55 ug/l  
RT: 8.375 min Scan# 2188  
Delta R.T. -0.032 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 97 Resp: 15368  
Ion Ratio Lower Upper  
97 100  
83 7.7 72.6 109.0#  
85 0.0 46.6 69.8#  
99 0.0 50.9 76.3#

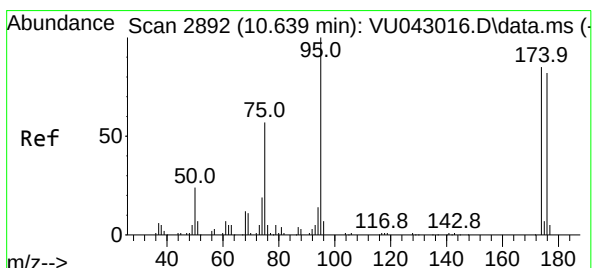
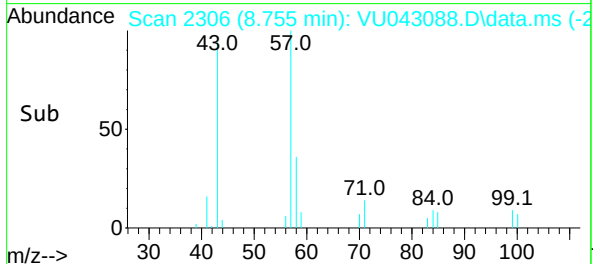
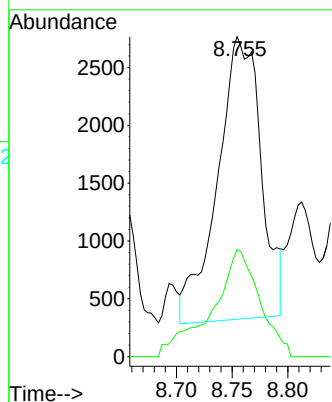
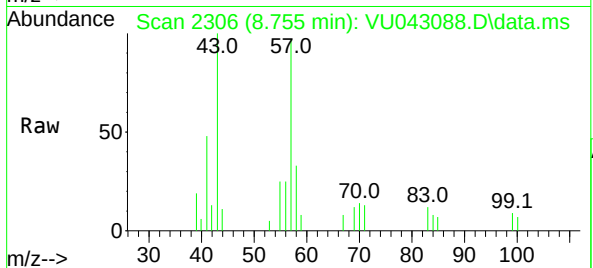




#59  
2-Hexanone  
Concen: 1.45 ug/l  
RT: 8.755 min Scan# 2306  
Delta R.T. 0.061 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

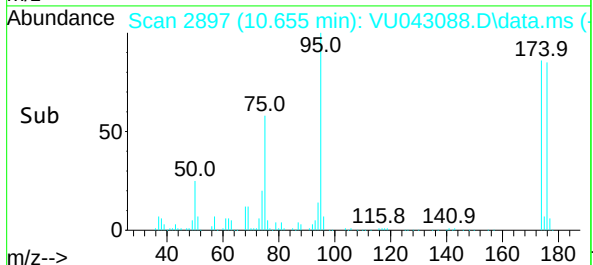
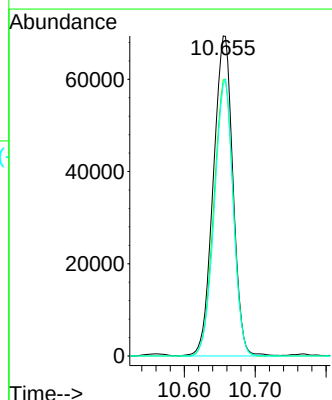
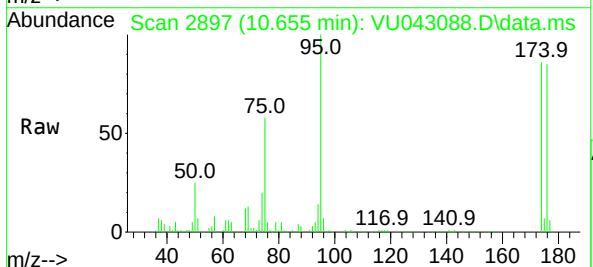
Instrument :  
MSVOA\_U  
ClientSampled :

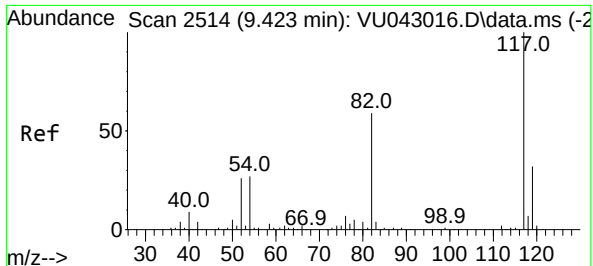
Tgt Ion: 43 Resp: 6640  
Ion Ratio Lower Upper  
43 100  
58 41.5 24.0 72.0



#62  
4-Bromofluorobenzene  
Concen: 43.17 ug/l  
RT: 10.655 min Scan# 2897  
Delta R.T. 0.016 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

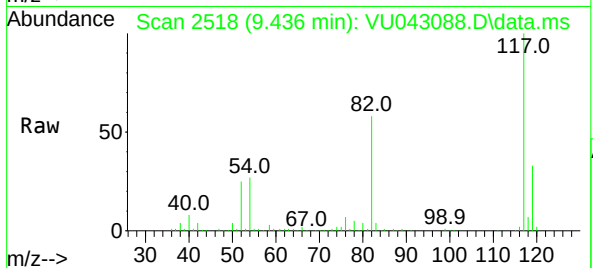
Tgt Ion: 95 Resp: 133808  
Ion Ratio Lower Upper  
95 100  
174 85.1 0.0 172.2  
176 82.5 0.0 168.8



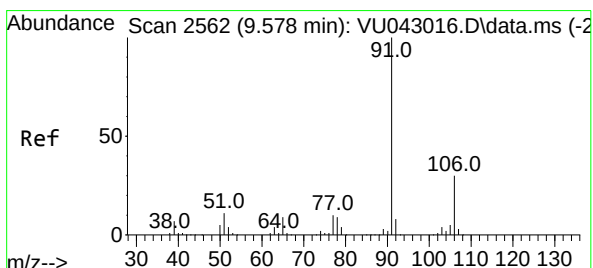
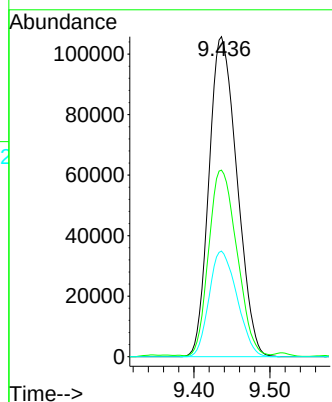
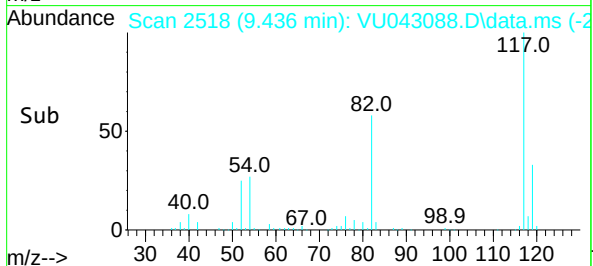


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.436 min Scan# 2518  
Delta R.T. 0.013 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

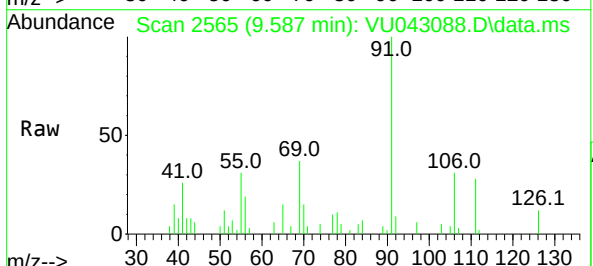
Instrument :  
MSVOA\_U  
ClientSampled :



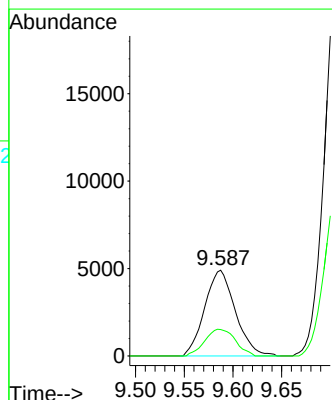
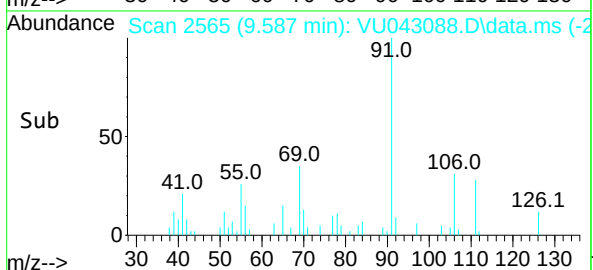
Tgt Ion:117 Resp: 270459  
Ion Ratio Lower Upper  
117 100  
82 57.8 45.8 68.6  
119 33.0 25.8 38.8

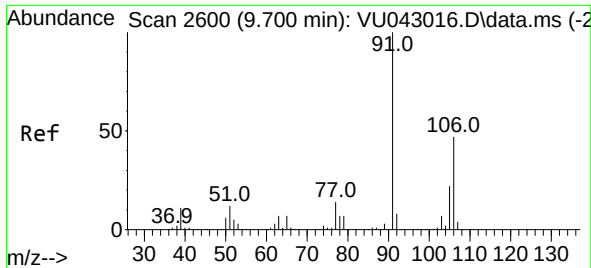


#67  
Ethyl Benzene  
Concen: 1.03 ug/l  
RT: 9.587 min Scan# 2565  
Delta R.T. 0.009 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50



Tgt Ion: 91 Resp: 10735  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.1 36.1

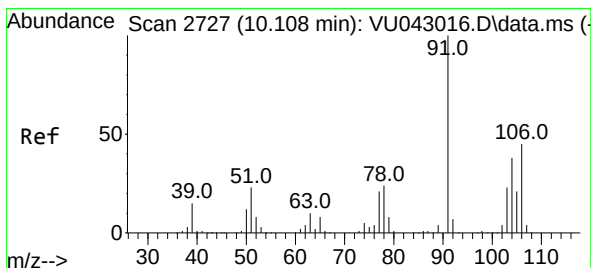
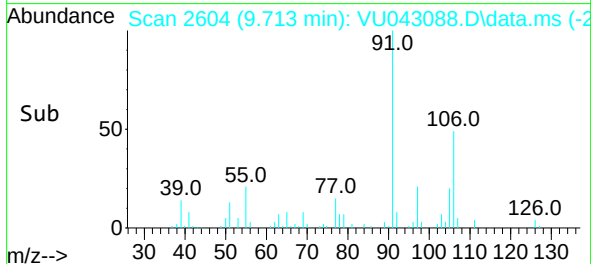
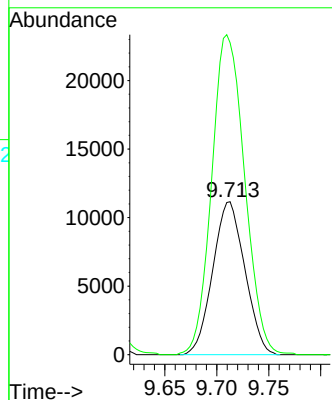
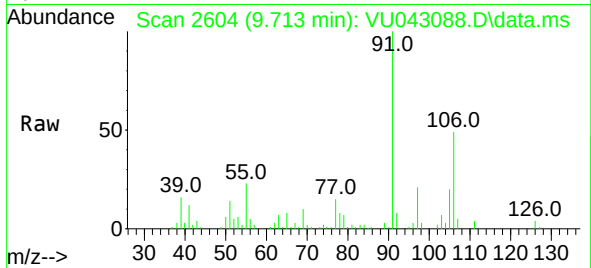




#68  
m/p-Xylenes  
Concen: 6.18 ug/l  
RT: 9.713 min Scan# 2604  
Delta R.T. 0.013 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

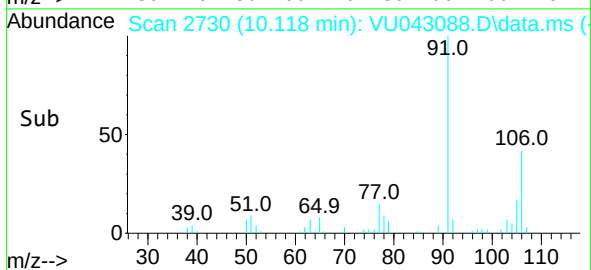
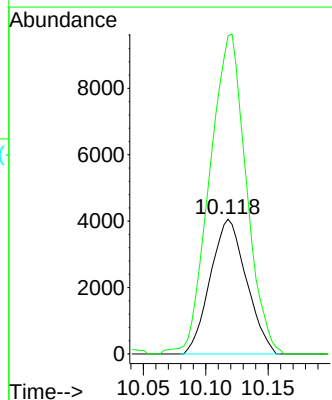
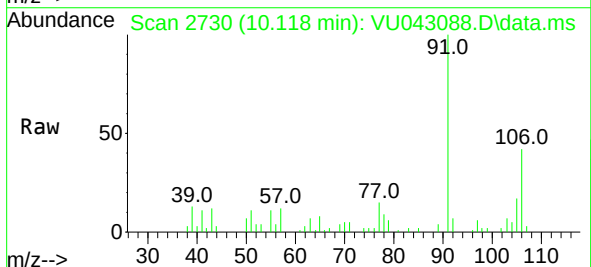
Instrument :  
MSVOA\_U  
ClientSampled :

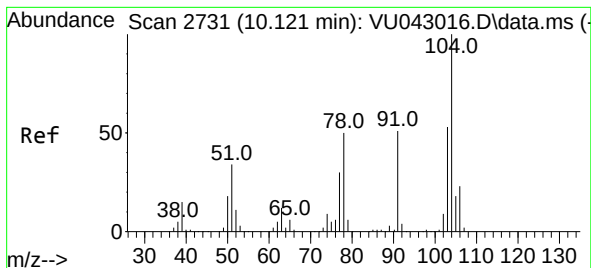
Tgt Ion:106 Resp: 23927  
Ion Ratio Lower Upper  
106 100  
91 215.1 169.9 254.9



#69  
o-Xylene  
Concen: 2.16 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. 0.010 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion:106 Resp: 8167  
Ion Ratio Lower Upper  
106 100  
91 240.5 111.2 333.6





#70

Styrene

Concen: 0.24 ug/l

RT: 10.124 min Scan# 2732

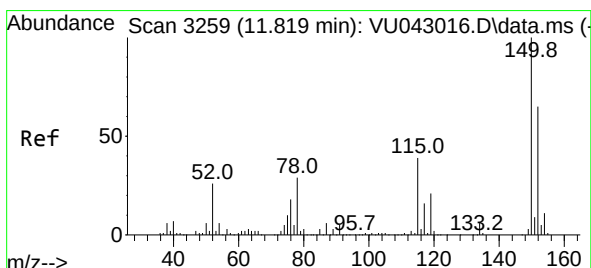
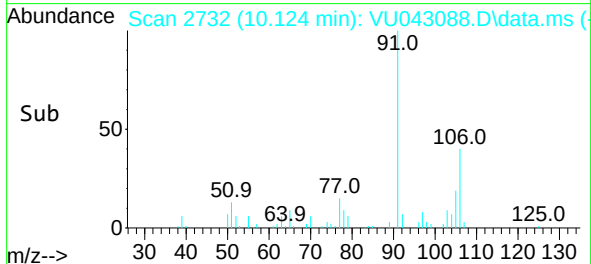
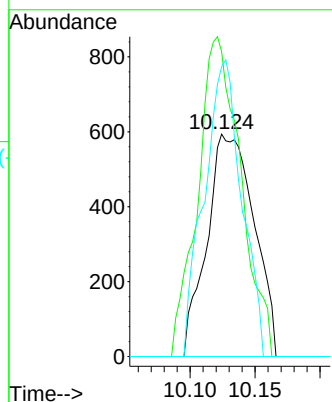
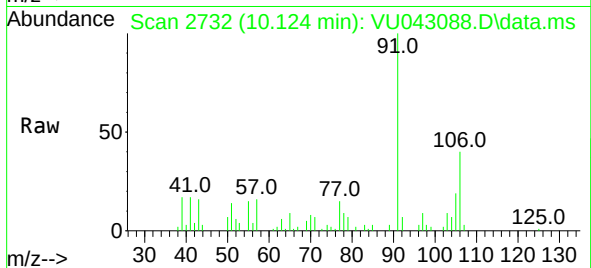
Delta R.T. 0.003 min

Lab File: VU043088.D

Acq: 14 Apr 2021 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 104   | Resp: | 1497  |
| Ion      | Ratio | Lower | Upper |
| 104      | 100   |       |       |
| 78       | 131.0 | 44.8  | 67.2# |
| 103      | 105.9 | 45.7  | 68.5# |

Instrument :  
MSVOA\_U  
ClientSampled :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

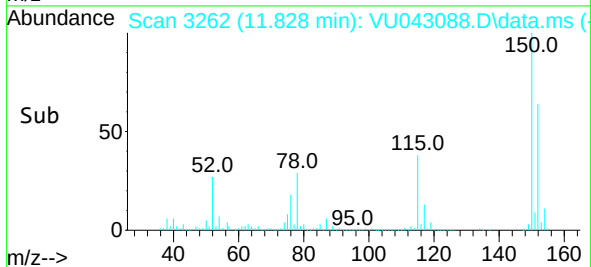
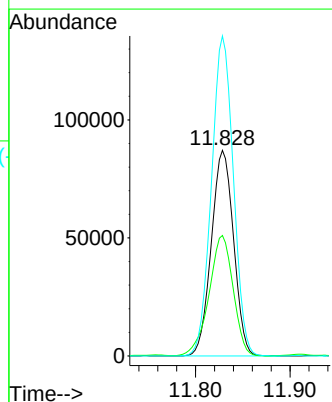
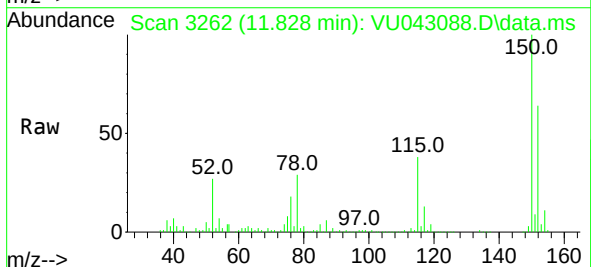
RT: 11.828 min Scan# 3262

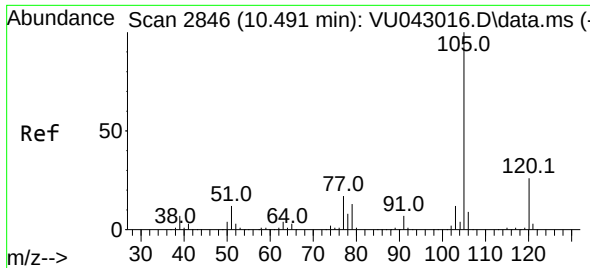
Delta R.T. 0.009 min

Lab File: VU043088.D

Acq: 14 Apr 2021 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 142612 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 63.4  | 41.5  | 124.6  |
| 150      | 153.0 | 0.0   | 342.4  |

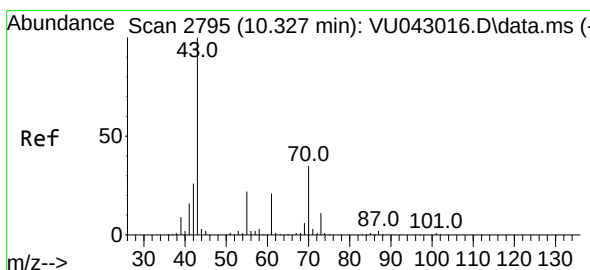
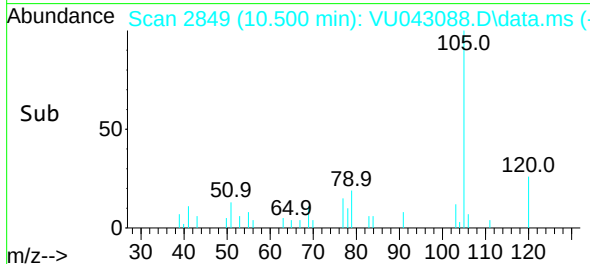
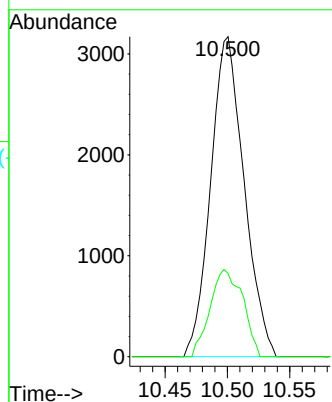
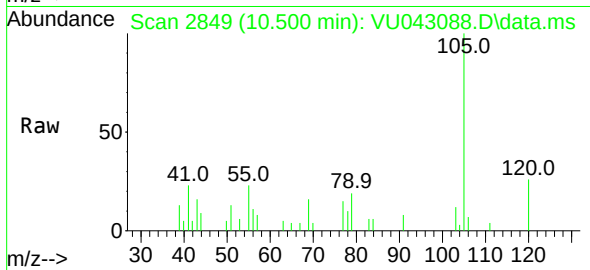




#73  
Isopropylbenzene  
Concen: 0.62 ug/l  
RT: 10.500 min Scan# 2849  
Delta R.T. 0.009 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

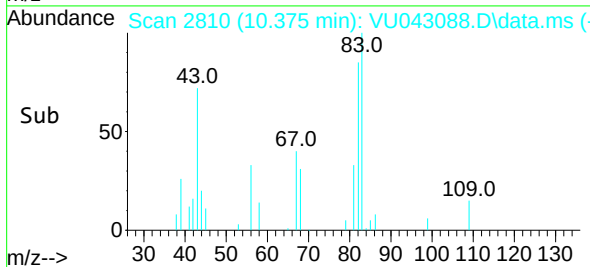
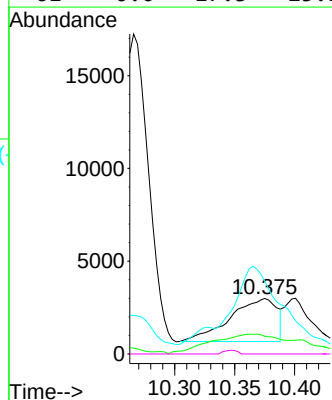
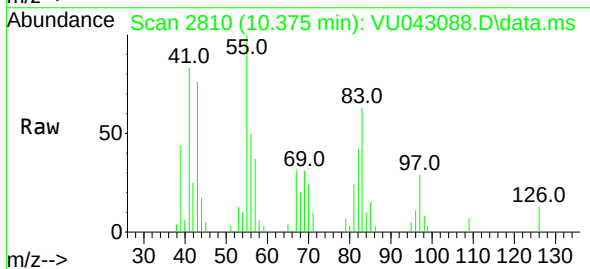
Instrument :  
MSVOA\_U  
ClientSampled :

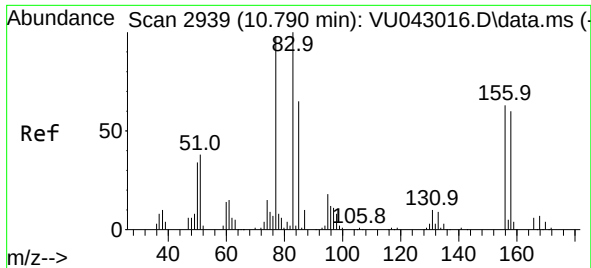
Tgt Ion:105 Resp: 5916  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.1 39.3



#74  
N-ethyl acetate  
Concen: 1.03 ug/l  
RT: 10.375 min Scan# 2810  
Delta R.T. 0.048 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 43 Resp: 6323  
Ion Ratio Lower Upper  
43 100  
70 66.8 28.3 42.5#  
55 183.6 17.2 25.8#  
61 0.0 17.3 25.9#

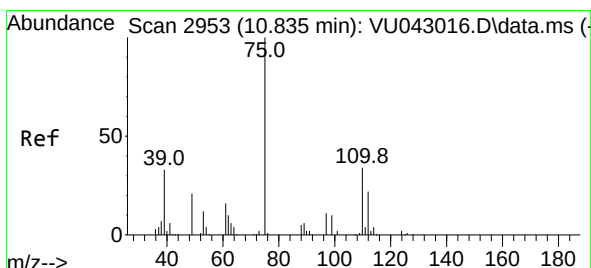
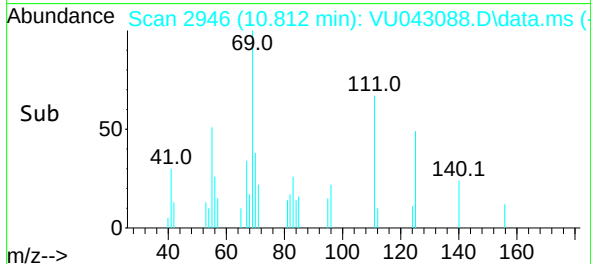
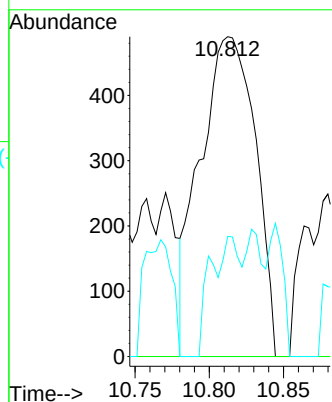
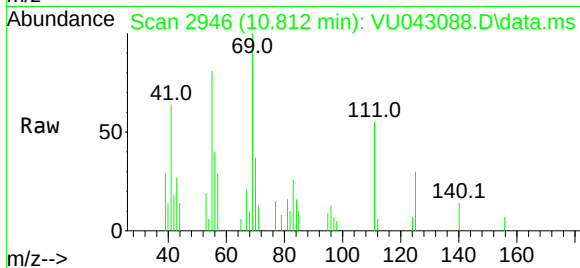




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.31 ug/l  
RT: 10.812 min Scan# 2946  
Delta R.T. 0.022 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

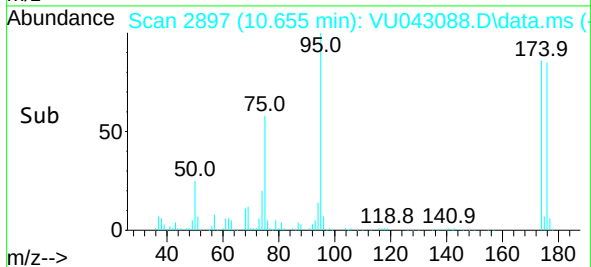
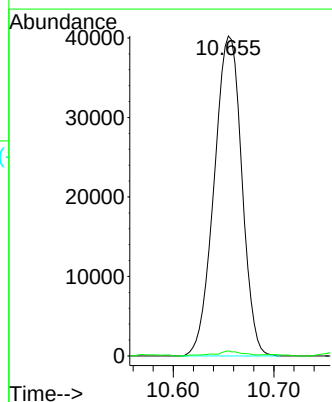
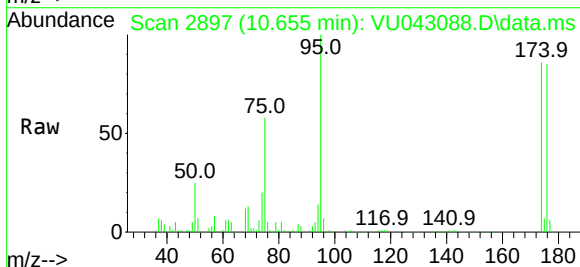
Instrument :  
MSVOA\_U  
ClientSampled :

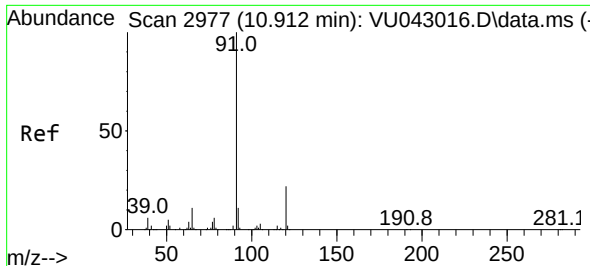
Tgt Ion: 83 Resp: 1275  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.1 15.2#  
85 12.2 31.7 95.1#



#76  
1,2,3-Trichloropropane  
Concen: 18.47 ug/l  
RT: 10.655 min Scan# 2897  
Delta R.T. -0.180 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 75 Resp: 76953  
Ion Ratio Lower Upper  
75 100  
77 1.6 20.2 60.5#

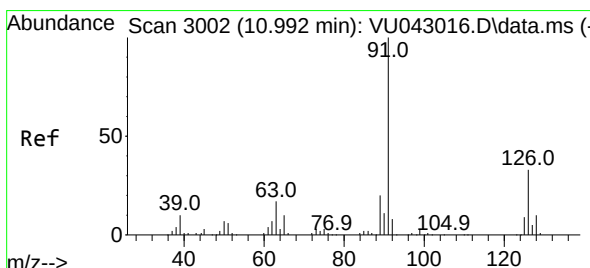
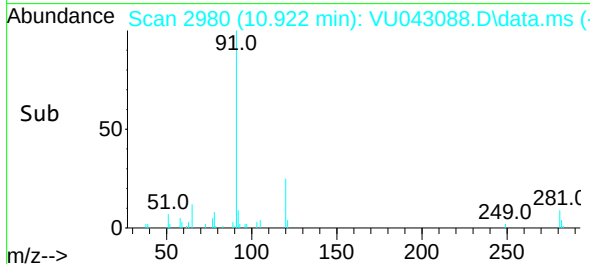
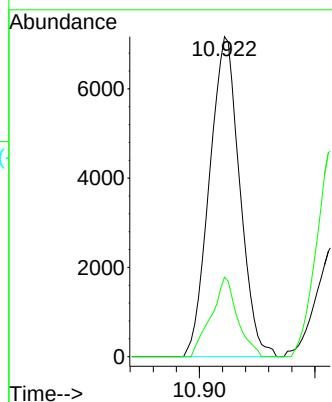
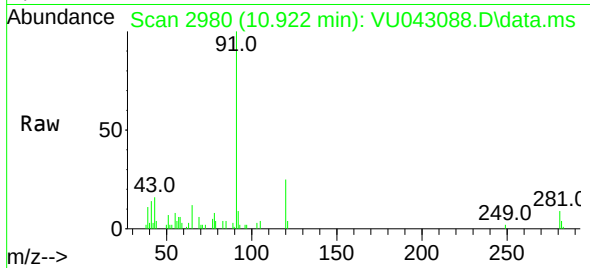




#78  
n-propylbenzene  
Concen: 1.14 ug/l  
RT: 10.922 min Scan# 2980  
Delta R.T. 0.010 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

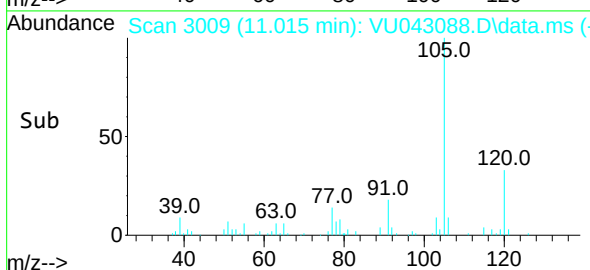
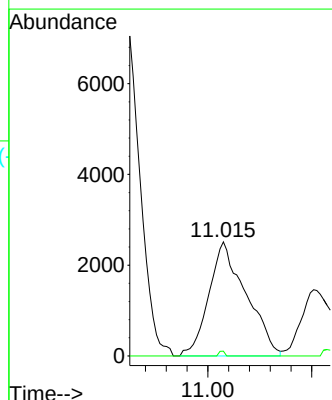
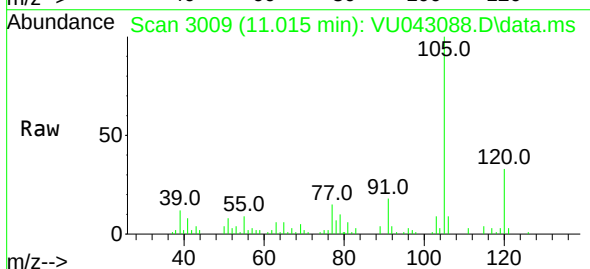
Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 91 Resp: 13020  
Ion Ratio Lower Upper  
91 100  
120 21.5 11.2 33.6

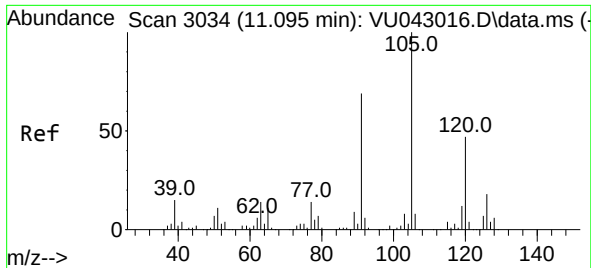


#79  
2-Chlorotoluene  
Concen: 0.90 ug/l  
RT: 11.015 min Scan# 3009  
Delta R.T. 0.023 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 91 Resp: 6251  
Ion Ratio Lower Upper  
91 100  
126 0.6 16.7 50.0#



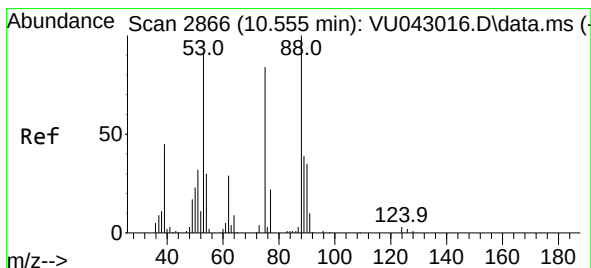
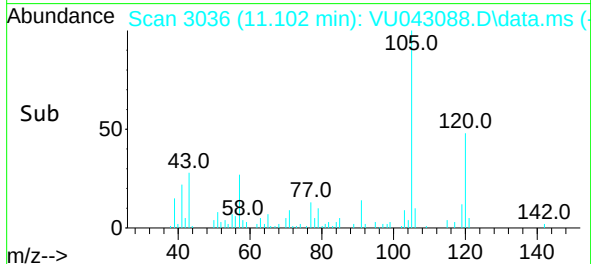
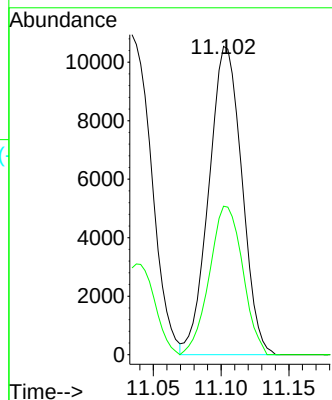
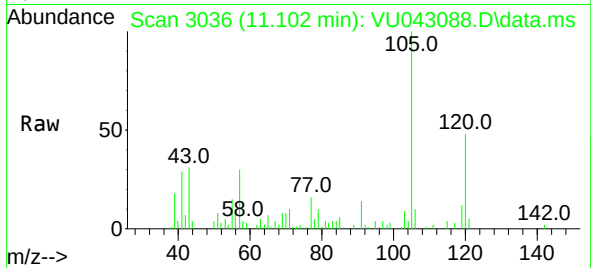




#80  
1,3,5-Trimethylbenzene  
Concen: 2.11 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. 0.007 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

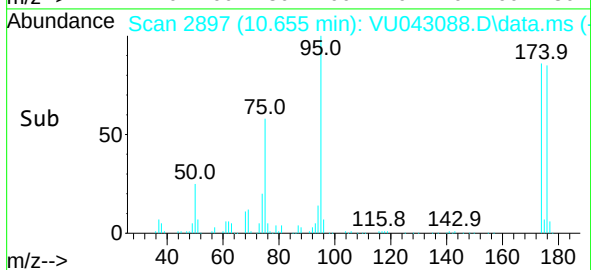
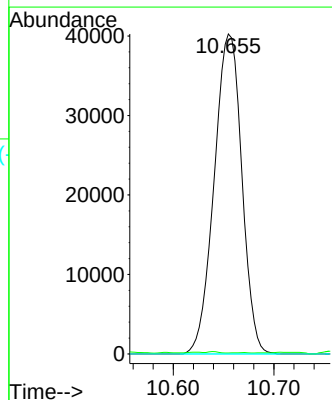
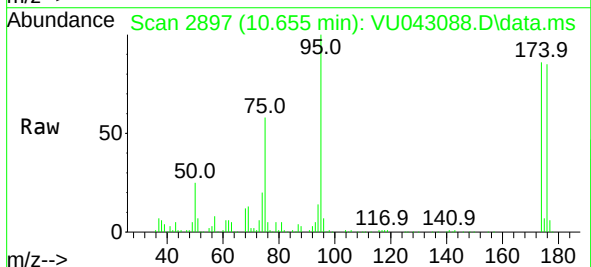
Instrument :  
MSVOA\_U  
ClientSampleId :

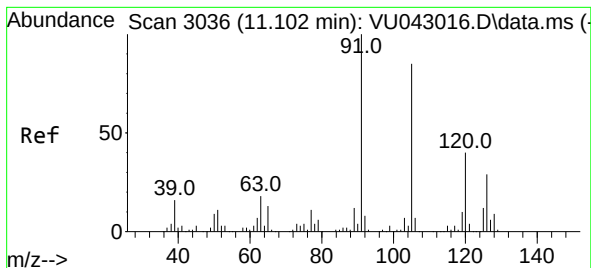
Tgt Ion:105 Resp: 17837  
Ion Ratio Lower Upper  
105 100  
120 48.5 23.8 71.4



#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.26 ug/l  
RT: 10.655 min Scan# 2897  
Delta R.T. 0.100 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 75 Resp: 76953  
Ion Ratio Lower Upper  
75 100  
53 0.2 85.6 128.4#  
89 0.0 35.7 53.5#

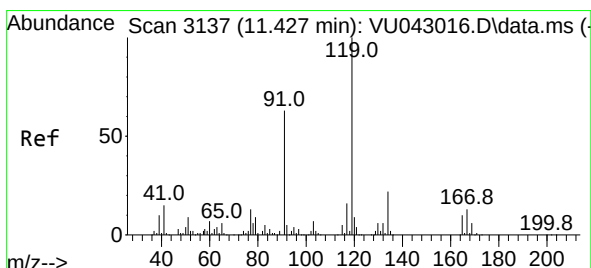
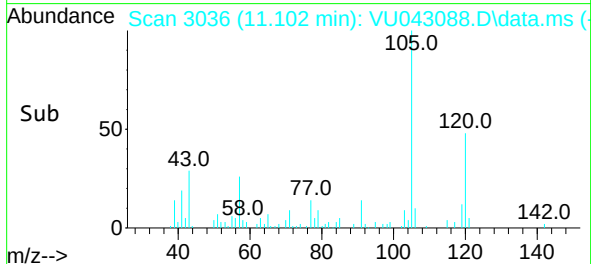
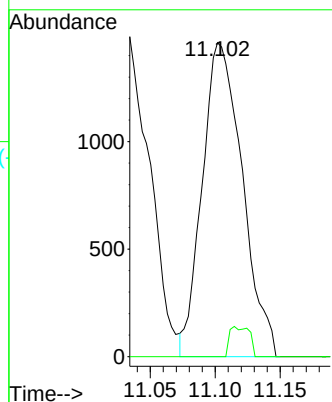
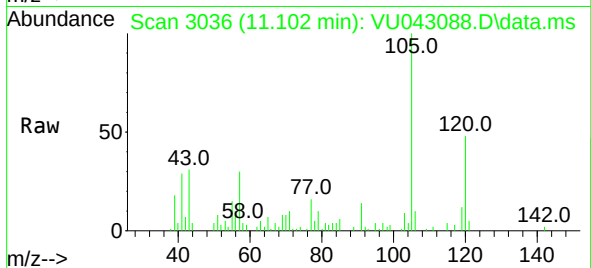




#82  
4-Chlorotoluene  
Concen: 0.37 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. -0.000 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

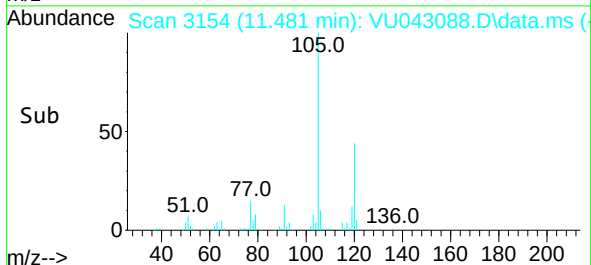
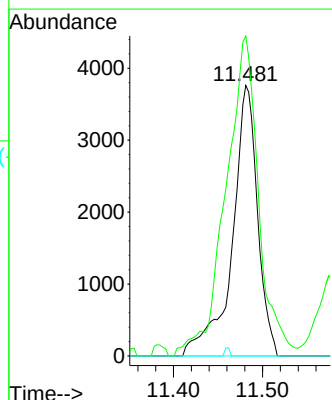
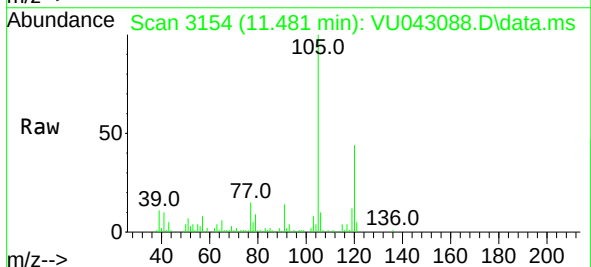
Instrument :  
MSVOA\_U  
ClientSampled :

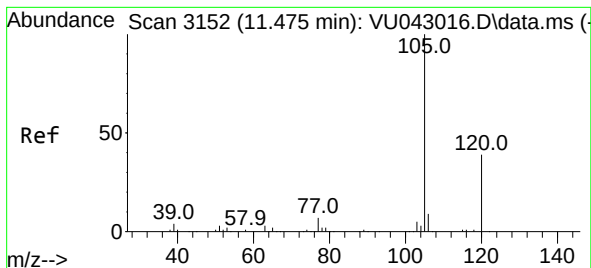
Tgt Ion: 91 Resp: 3125  
Ion Ratio Lower Upper  
91 100  
126 4.7 14.6 44.0#



#83  
tert-Butylbenzene  
Concen: 0.89 ug/l  
RT: 11.481 min Scan# 3154  
Delta R.T. 0.054 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion: 119 Resp: 7421  
Ion Ratio Lower Upper  
119 100  
91 153.4 30.3 90.9#  
134 0.0 11.4 34.1#

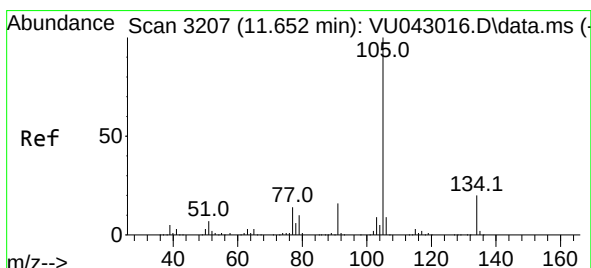
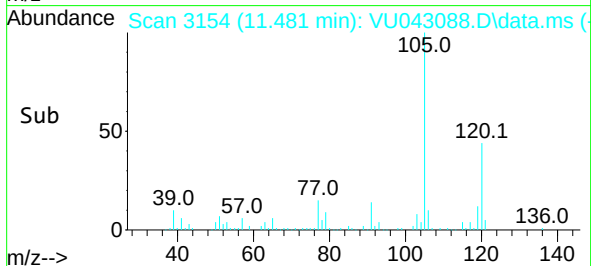
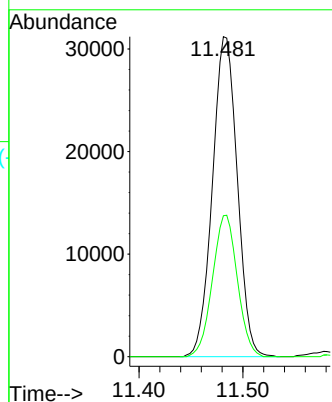
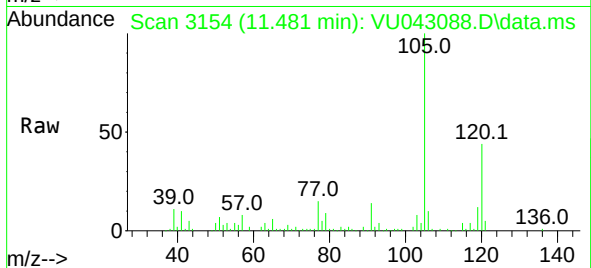




#84  
1,2,4-Trimethylbenzene  
Concen: 5.97 ug/l  
RT: 11.481 min Scan# 3154  
Delta R.T. 0.006 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

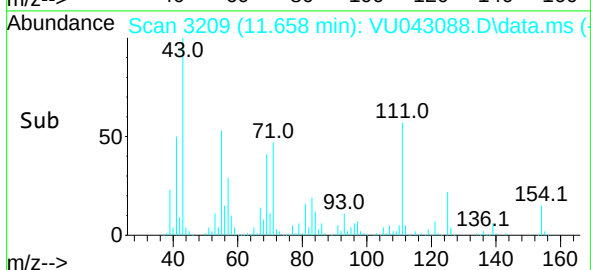
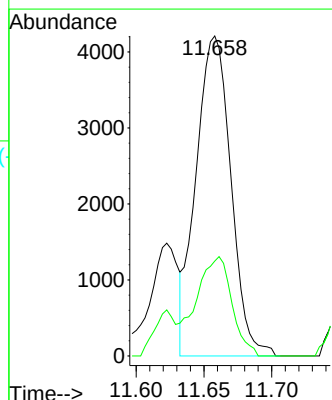
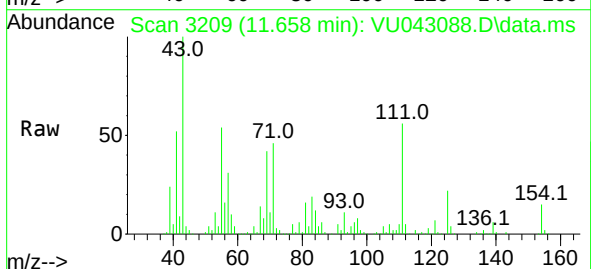
Instrument :  
MSVOA\_U  
ClientSampled :

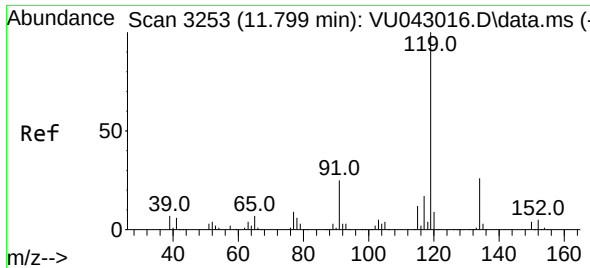
Tgt Ion:105 Resp: 51846  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 0.77 ug/l  
RT: 11.658 min Scan# 3209  
Delta R.T. 0.006 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion:105 Resp: 7537  
Ion Ratio Lower Upper  
105 100  
134 31.3 10.0 30.0#

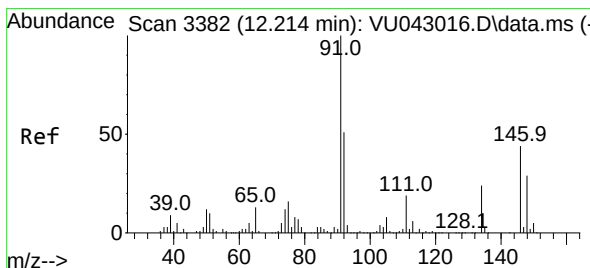
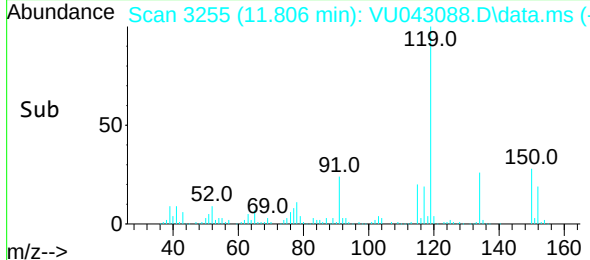
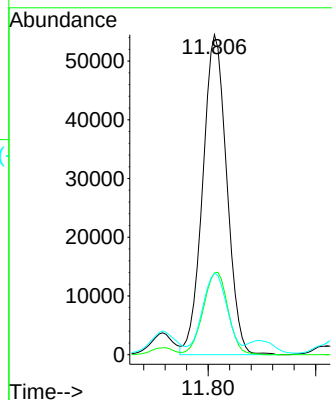
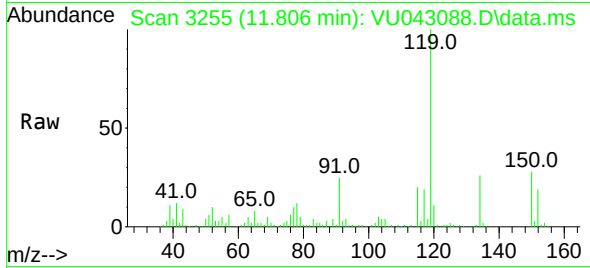




#86  
p-Isopropyltoluene  
Concen: 9.44 ug/l  
RT: 11.806 min Scan# 3255  
Delta R.T. 0.007 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

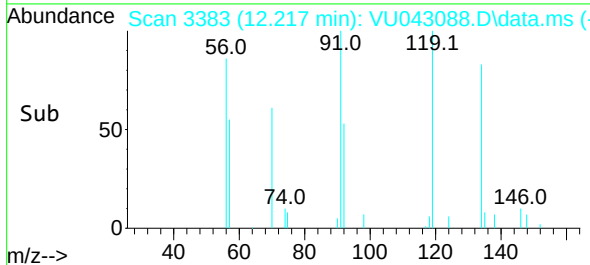
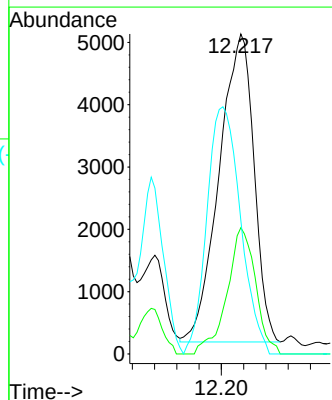
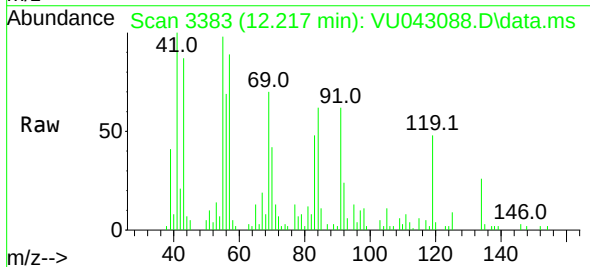
Instrument :  
MSVOA\_U  
ClientSampleId :

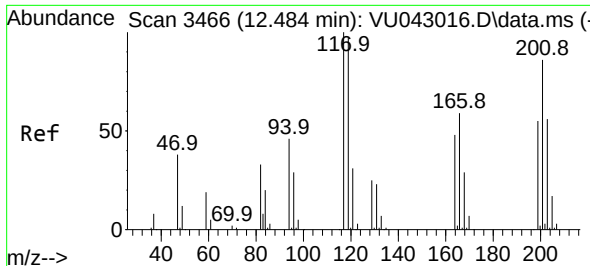
Tgt Ion: 119 Resp: 84579  
Ion Ratio Lower Upper  
119 100  
134 26.7 13.2 39.6  
91 26.0 12.8 38.3



#89  
n-Butylbenzene  
Concen: 1.28 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. 0.003 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

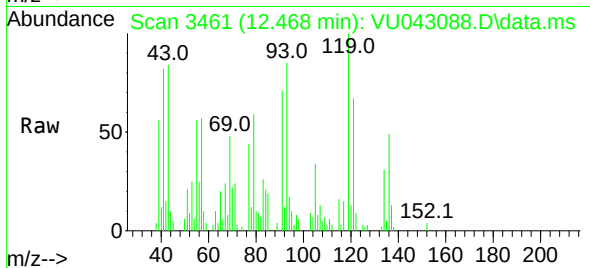
Tgt Ion: 91 Resp: 10709  
Ion Ratio Lower Upper  
91 100  
92 33.7 26.2 78.6  
134 77.6 12.7 38.1#



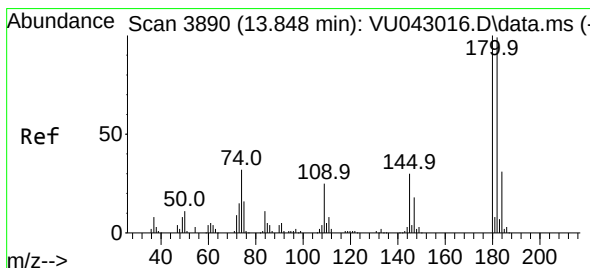
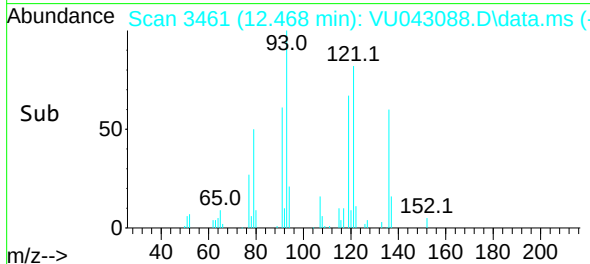
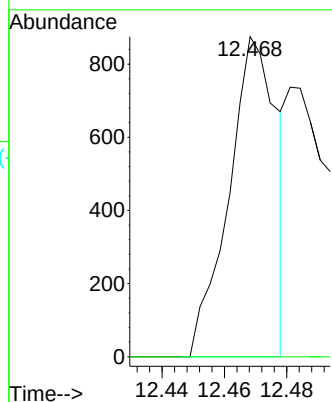


#90  
Hexachloroethane  
Concen: 0.56 ug/l  
RT: 12.468 min Scan# 3461  
Delta R.T. -0.016 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Instrument :  
MSVOA\_U  
ClientSampleId :

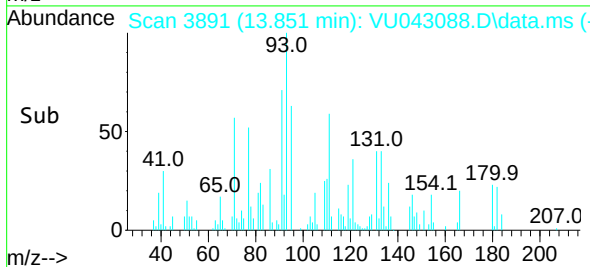
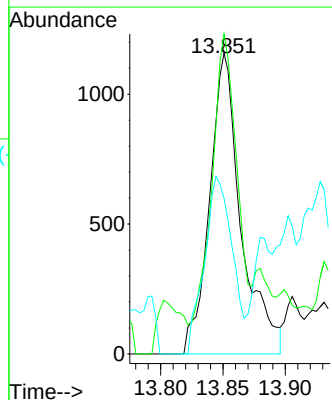
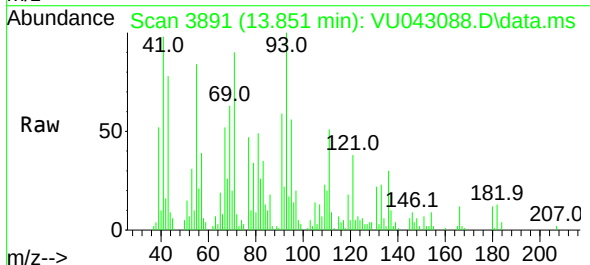


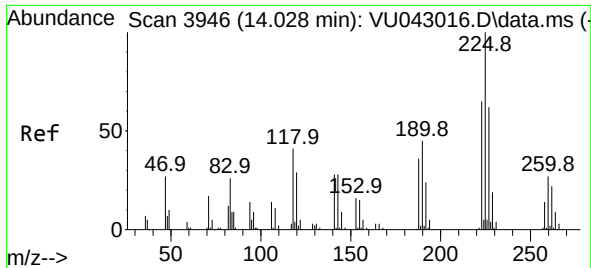
Tgt Ion:117 Resp: 933  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.5 130.7#



#93  
1,2,4-Trichlorobenzene  
Concen: 2.11 ug/l  
RT: 13.851 min Scan# 3891  
Delta R.T. 0.003 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

Tgt Ion:180 Resp: 2029  
Ion Ratio Lower Upper  
180 100  
182 74.4 46.9 140.8  
145 52.3 14.4 43.4#

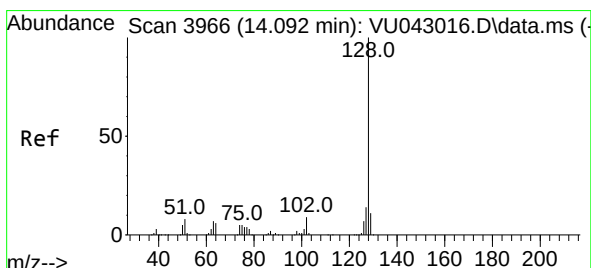
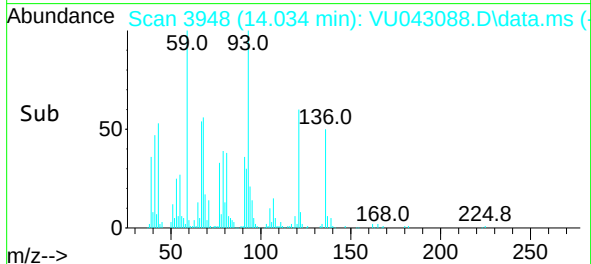
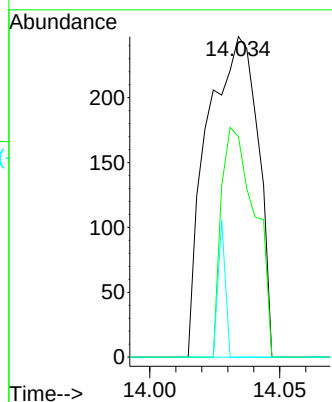
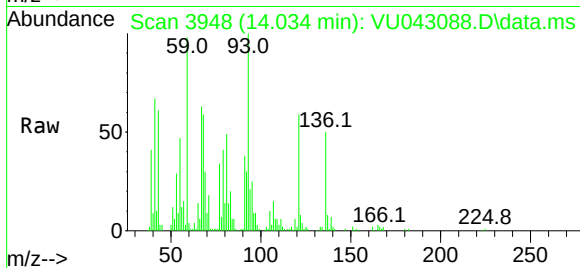




#94  
Hexachlorobutadiene  
Concen: Below Cal  
RT: 14.034 min Scan# 3948  
Delta R.T. 0.006 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

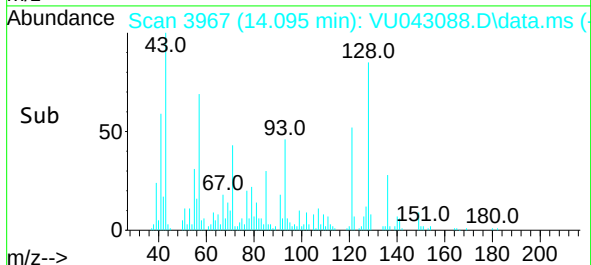
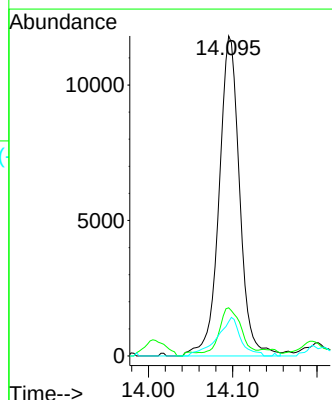
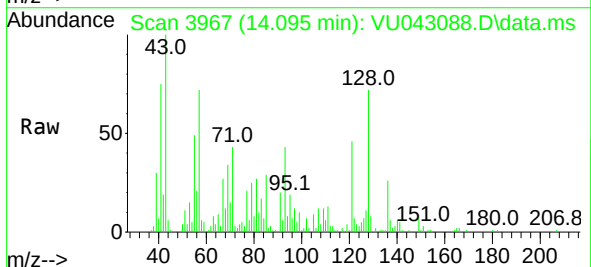
Instrument :  
MSVOA\_U  
ClientSampleId :

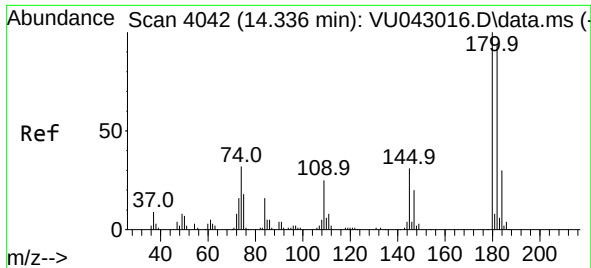
Tgt Ion:225 Resp: 335  
Ion Ratio Lower Upper  
225 100  
223 47.5 32.3 96.9  
227 6.0 31.8 95.4#



#95  
Naphthalene  
Concen: 4.57 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU043088.D  
Acq: 14 Apr 2021 12:50

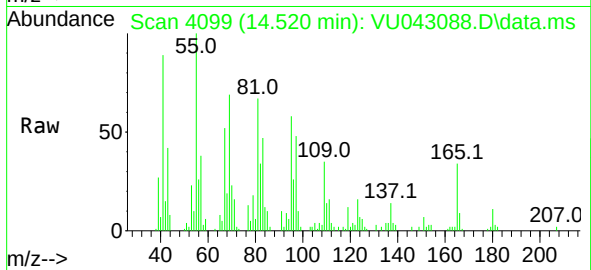
Tgt Ion:128 Resp: 19953  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.8 16.2  
129 13.8 8.6 13.0#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.81 ug/l  
 RT: 14.520 min Scan# 4099  
 Delta R.T. 0.184 min  
 Lab File: VU043088.D  
 Acq: 14 Apr 2021 12:50

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1143  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 80.0  | 48.0  | 144.0 |
| 145       | 21.5  | 15.5  | 46.5  |

