

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060921\  
 Data File : VU044134.D  
 Acq On : 09 Jun 2021 11:47  
 Operator : SY/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jun 10 04:47:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 04:45:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 156518   | 50.000 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 271750   | 50.000 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 263395   | 50.000 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 143576   | 50.000 | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 50290    | 19.146 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 38.300% |          |
| 35) Dibromofluoromethane     | 5.298  | 113  | 38508    | 18.974 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 37.940% |          |
| 50) Toluene-d8               | 7.906  | 98   | 148362   | 20.419 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 40.840% |          |
| 62) 4-Bromofluorobenzene     | 10.639 | 95   | 55989    | 19.282 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 38.560% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 46721    | 27.395 | ug/l    | 98       |
| 3) Chloromethane             | 1.523  | 50   | 55509    | 26.877 | ug/l    | 100      |
| 4) Vinyl Chloride            | 1.607  | 62   | 53350    | 28.238 | ug/l    | 99       |
| 5) Bromomethane              | 1.842  | 94   | 30270    | 30.256 | ug/l    | 98       |
| 6) Chloroethane              | 1.929  | 64   | 32281    | 23.010 | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 65388    | 21.725 | ug/l    | 99       |
| 8) Diethyl Ether             | 2.382  | 74   | 26057    | 25.872 | ug/l    | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.584  | 101  | 39909    | 25.096 | ug/l    | 99       |
| 10) Methyl Iodide            | 2.729  | 142  | 46396    | 22.401 | ug/l    | 100      |
| 11) Tert butyl alcohol       | 3.195  | 59   | 63024    | 94.198 | ug/l    | 99       |
| 12) 1,1-Dichloroethene       | 2.584  | 96   | 38365    | 25.113 | ug/l    | 99       |
| 13) Acrolein                 | 2.491  | 56   | 35517    | 93.109 | ug/l    | 97       |
| 14) Allyl chloride           | 2.929  | 41   | 70499    | 19.775 | ug/l    | 98       |
| 15) Acrylonitrile            | 3.321  | 53   | 140509   | 96.578 | ug/l    | 100      |
| 16) Acetone                  | 2.633  | 43   | 143484   | 88.797 | ug/l    | 99       |
| 17) Carbon Disulfide         | 2.797  | 76   | 122746   | 25.859 | ug/l    | 100      |
| 18) Methyl Acetate           | 2.954  | 43   | 65520    | 19.916 | ug/l    | 100      |
| 19) Methyl tert-butyl Ether  | 3.372  | 73   | 122023   | 20.981 | ug/l    | 100      |
| 20) Methylene Chloride       | 3.054  | 84   | 49617    | 25.389 | ug/l    | 99       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 43239    | 24.327 | ug/l    | 98       |
| 22) Diisopropyl ether        | 4.002  | 45   | 131744   | 19.634 | ug/l    | 95       |
| 23) Vinyl Acetate            | 3.964  | 43   | 610495   | 94.308 | ug/l    | 100      |
| 24) 1,1-Dichloroethane       | 3.877  | 63   | 83706    | 23.712 | ug/l    | 99       |
| 25) 2-Butanone               | 4.710  | 43   | 209992   | 89.905 | ug/l    | 98       |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 66960    | 22.128 | ug/l    | 97       |
| 27) cis-1,2-Dichloroethene   | 4.674  | 96   | 49173    | 24.612 | ug/l    | 99       |
| 28) Bromochloromethane       | 4.980  | 49   | 40428    | 22.574 | ug/l    | 100      |
| 29) Tetrahydrofuran          | 5.060  | 42   | 117100   | 80.761 | ug/l    | 99       |
| 30) Chloroform               | 5.099  | 83   | 83329    | 22.658 | ug/l    | 100      |
| 31) Cyclohexane              | 5.395  | 56   | 73289    | 22.287 | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 67314    | 20.940 | ug/l    | 99       |
| 36) 1,1-Dichloropropene      | 5.533  | 75   | 62928    | 21.823 | ug/l    | 99       |
| 37) Ethyl Acetate            | 4.809  | 43   | 74026    | 15.625 | ug/l    | 99       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 56930    | 18.910 | ug/l    | 98       |
| 39) Methylcyclohexane        | 6.771  | 83   | 65825    | 20.832 | ug/l    | 99       |
| 40) Benzene                  | 5.784  | 78   | 189564   | 22.782 | ug/l    | 100      |

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 Operator : SY/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jun 10 04:47:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 04:45:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.980  | 41   | 38589    | 15.490  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.803  | 62   | 66245    | 18.678  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.919  | 43   | 105465   | 15.699  | ug/l   | 99       |
| 44) Trichloroethene           | 6.549  | 130  | 43123    | 20.811  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.800  | 63   | 50859    | 22.196  | ug/l   | 98       |
| 46) Dibromomethane            | 6.925  | 93   | 31885    | 19.894  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.115  | 83   | 63261    | 19.996  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.967  | 41   | 50716    | 15.124  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.973  | 88   | 26459    | 381.984 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 380853   | 76.759  | ug/l   | 99       |
| 52) Toluene                   | 7.977  | 92   | 113656   | 22.164  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.218  | 75   | 68887    | 19.617  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 76917    | 21.336  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.407  | 97   | 46564    | 21.263  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 68778    | 19.263  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 82831    | 21.809  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 104847   | 85.556  | ug/l   | 98       |
| 59) 2-Hexanone                | 8.690  | 43   | 300616   | 74.292  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.816  | 129  | 45280    | 18.376  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 48442    | 19.940  | ug/l   | 100      |
| 64) Tetrachloroethene         | 8.562  | 164  | 38365    | 20.255  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.452  | 112  | 116270   | 20.649  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 39621    | 18.711  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.578  | 91   | 214435   | 21.023  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.700  | 106  | 165002   | 43.663  | ug/l   | 100      |
| 69) o-Xylene                  | 10.108 | 106  | 76874    | 20.893  | ug/l   | 99       |
| 70) Styrene                   | 10.121 | 104  | 133476   | 21.471  | ug/l   | 99       |
| 71) Bromoform                 | 10.298 | 173  | 32409    | 15.145  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.491 | 105  | 207137   | 21.236  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.327 | 43   | 84746    | 14.277  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 82878    | 19.766  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.832 | 75   | 95544    | 21.952  | ug/l   | 100      |
| 77) Bromobenzene              | 10.787 | 156  | 49188    | 18.501  | ug/l   | 98       |
| 78) n-propylbenzene           | 10.912 | 91   | 265261   | 22.547  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 156966   | 22.033  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 188823   | 21.990  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.552 | 75   | 25710    | 18.181  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 189037   | 22.099  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.427 | 119  | 167041   | 19.934  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 191155   | 21.636  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.652 | 105  | 225633   | 22.530  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.800 | 119  | 196311   | 21.498  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 97528    | 20.058  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 99500    | 19.661  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.214 | 91   | 185750   | 21.656  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.481 | 117  | 28482    | 17.210  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.217 | 146  | 96991    | 19.626  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 18666    | 16.267  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 59078    | 17.896  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 33169    | 18.596  | ug/l   | 100      |
| 95) Naphthalene               | 14.092 | 128  | 177738   | 17.690  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 58334    | 18.038  | ug/l   | 99       |

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Data File : VU044134.D  
Acq On : 09 Jun 2021 11:47  
Operator : SY/MD  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

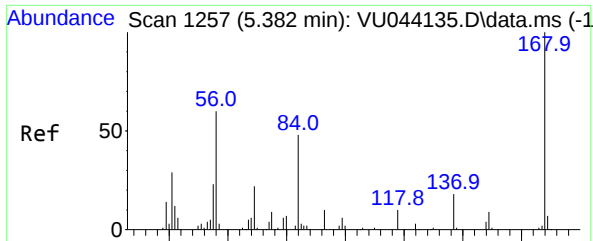
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC020

Quant Time: Jun 10 04:47:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 04:45:43 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

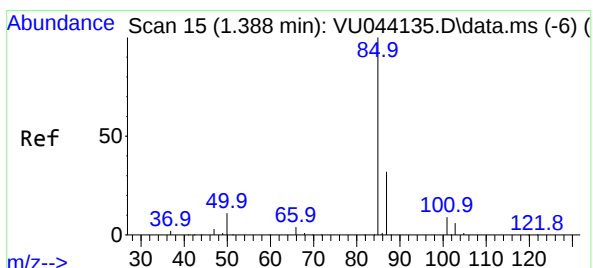
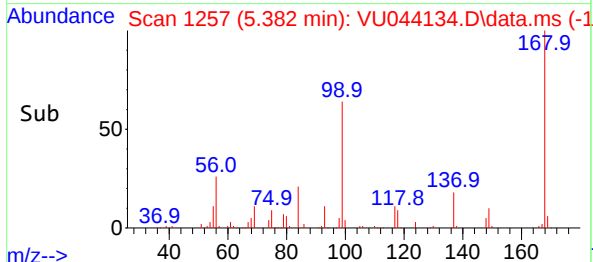
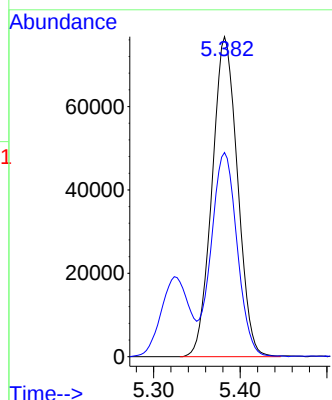
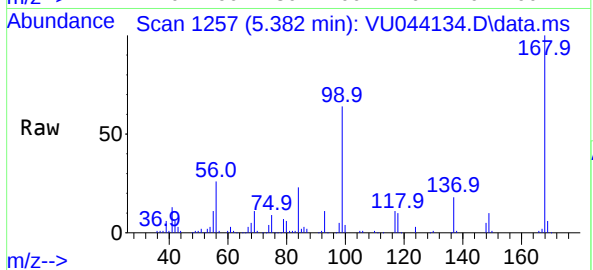




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

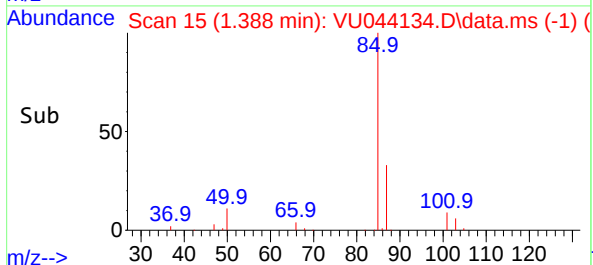
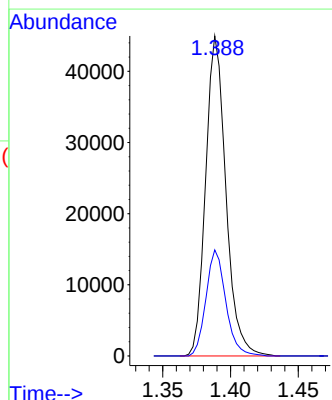
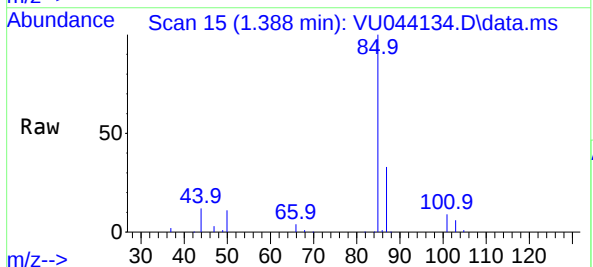
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MSVOA\_U  
ClientSampleId :  
VSTDIC020

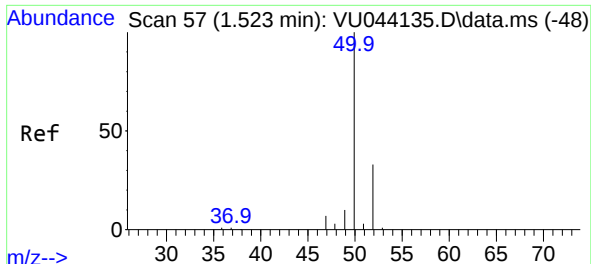
Tgt Ion:168 Resp: 156518  
Ion Ratio Lower Upper  
168 100  
99 63.6 51.3 76.9



#2  
Dichlorodifluoromethane  
Concen: 27.395 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 85 Resp: 46721  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.2 48.5

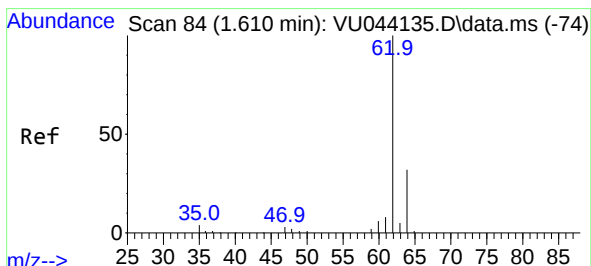
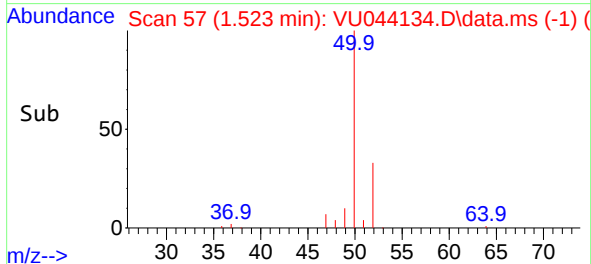
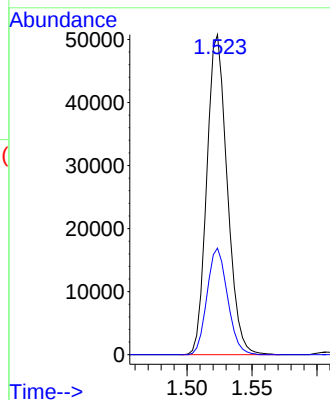
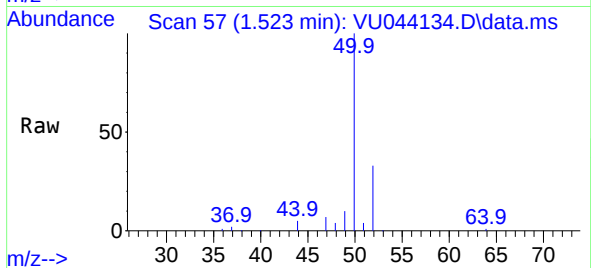




#3  
Chloromethane  
Concen: 26.877 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

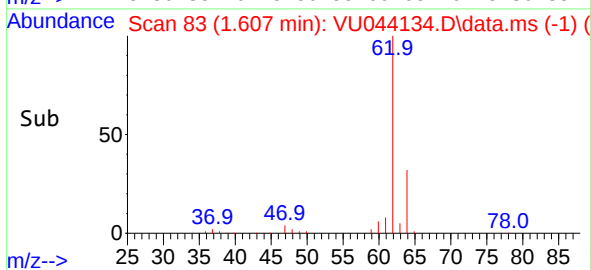
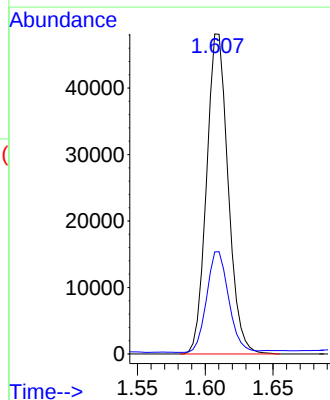
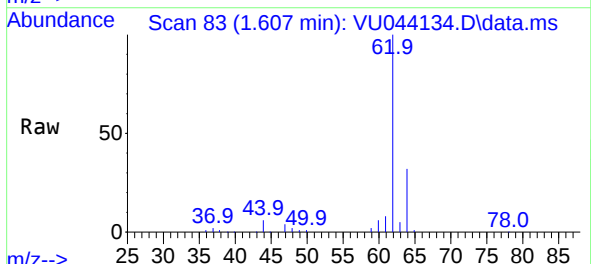
Instrument :  
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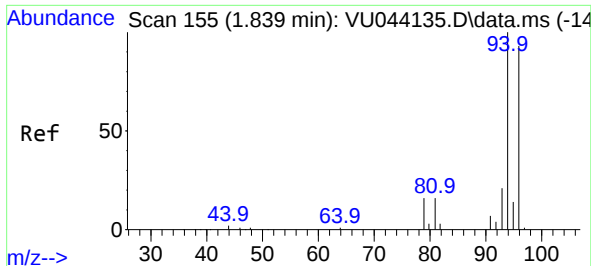
Tgt Ion: 50 Resp: 55509  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.6 39.8



#4  
Vinyl Chloride  
Concen: 28.238 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. -0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 62 Resp: 53350  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.5 38.3

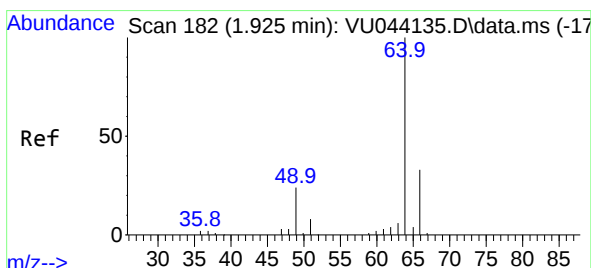
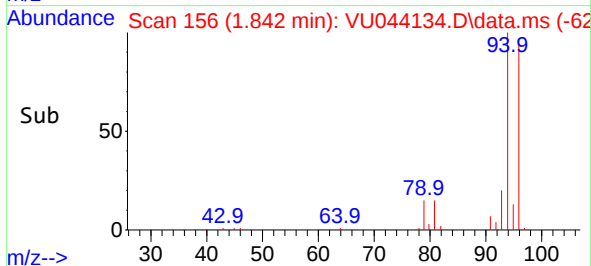
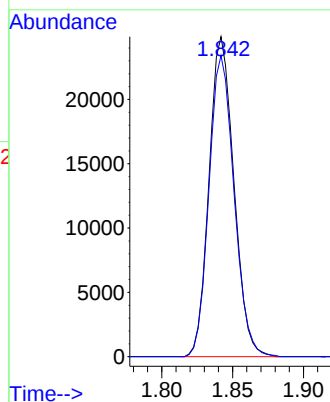
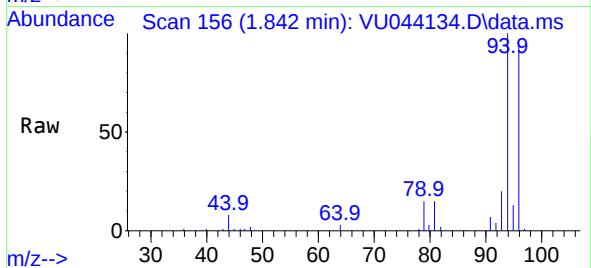




#5  
Bromomethane  
Concen: 30.256 ug/l  
RT: 1.842 min Scan# 156  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

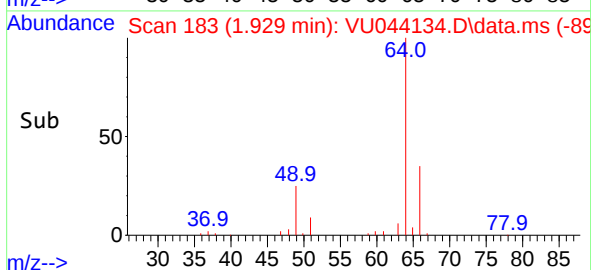
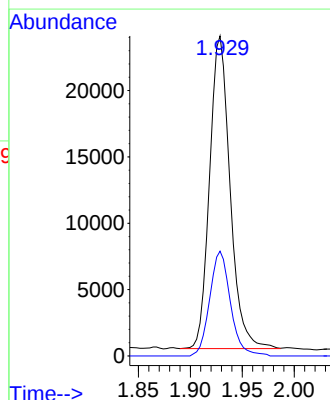
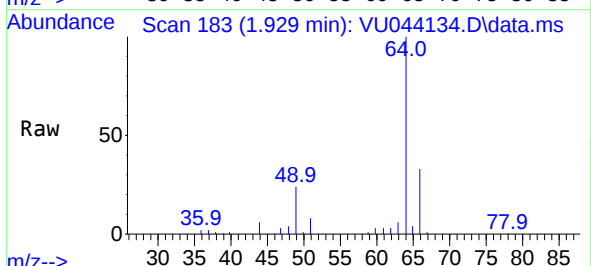
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

Tgt Ion: 94 Resp: 30270  
Ion Ratio Lower Upper  
94 100  
96 94.1 74.1 111.1

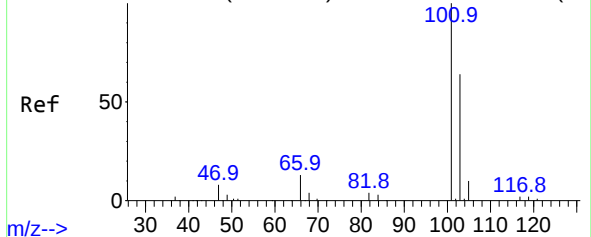


#6  
Chloroethane  
Concen: 23.010 ug/l  
RT: 1.929 min Scan# 183  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 64 Resp: 32281  
Ion Ratio Lower Upper  
64 100  
66 33.5 26.1 39.1



Abundance Scan 248 (2.138 min): VU044135.D\data.ms (-23

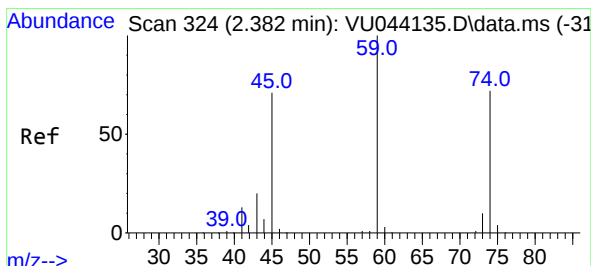
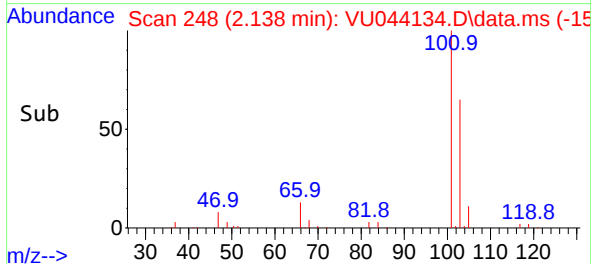
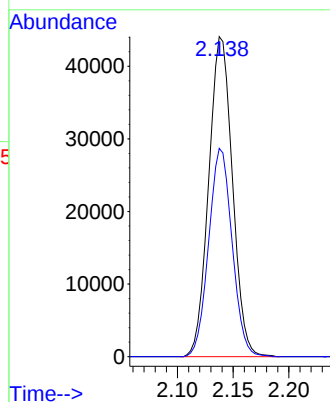
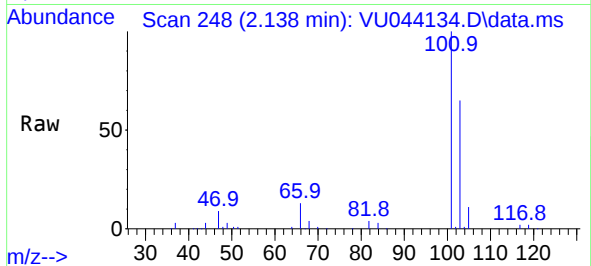


#7

Trichlorofluoromethane  
Concen: 21.725 ug/l  
RT: 2.138 min Scan# 248  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

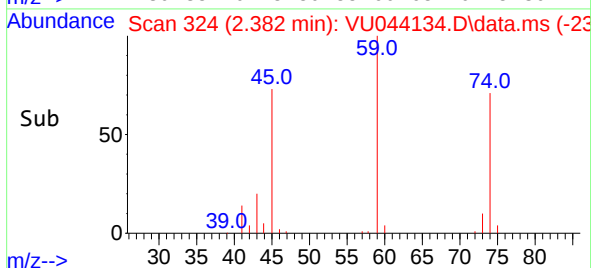
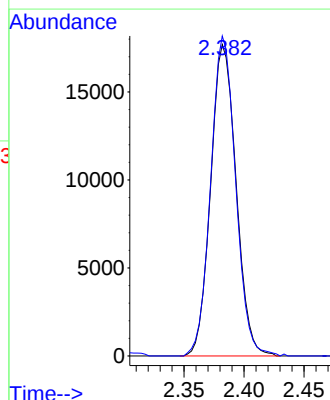
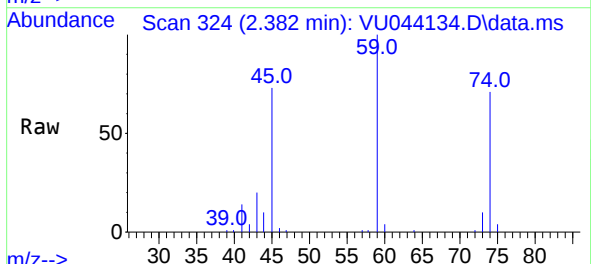
Tgt Ion:101 Resp: 65388  
Ion Ratio Lower Upper  
101 100  
103 65.1 51.4 77.0

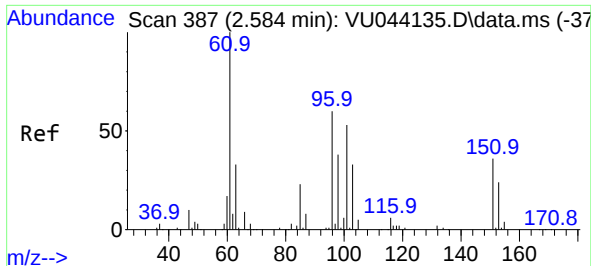


#8

Diethyl Ether  
Concen: 25.872 ug/l  
RT: 2.382 min Scan# 324  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 74 Resp: 26057  
Ion Ratio Lower Upper  
74 100  
45 100.8 48.6 145.8

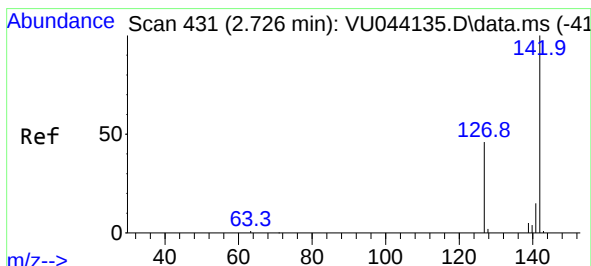
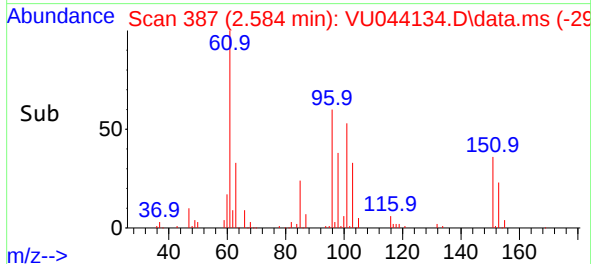
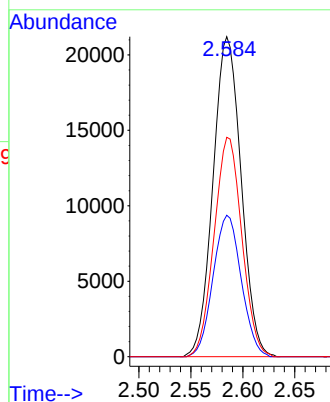
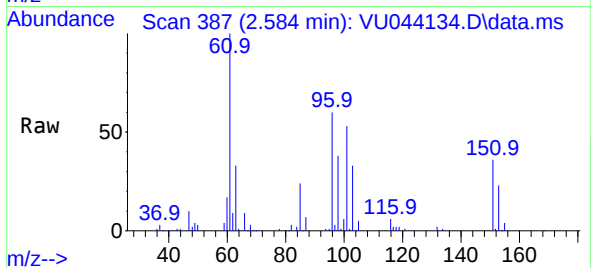




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 25.096 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

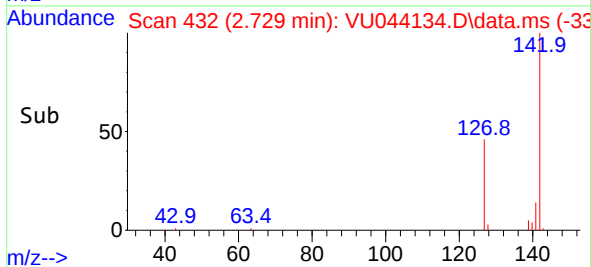
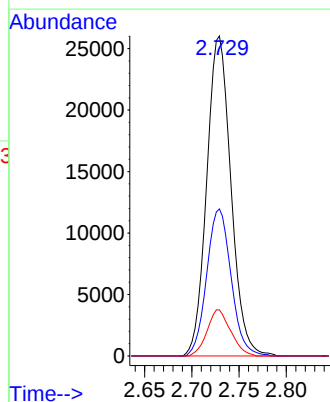
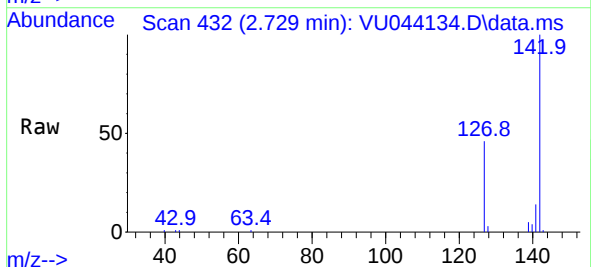
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

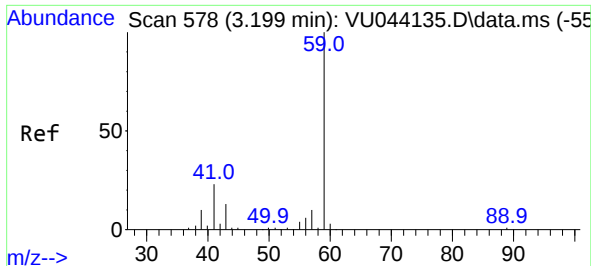
Tgt Ion:101 Resp: 39909  
Ion Ratio Lower Upper  
101 100  
85 44.2 35.8 53.6  
151 67.7 55.0 82.4



#10  
Methyl Iodide  
Concen: 22.401 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:142 Resp: 46396  
Ion Ratio Lower Upper  
142 100  
127 46.2 37.0 55.6  
141 14.0 11.6 17.4

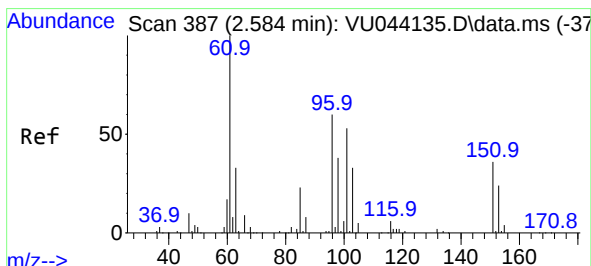
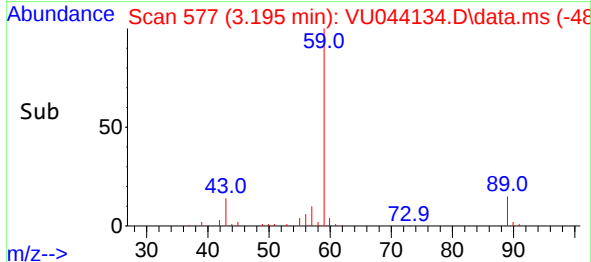
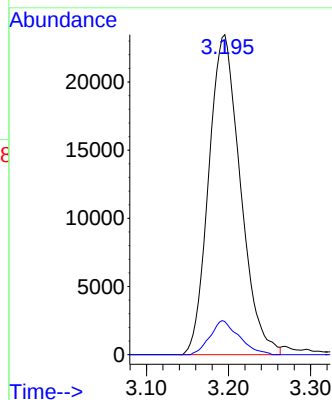
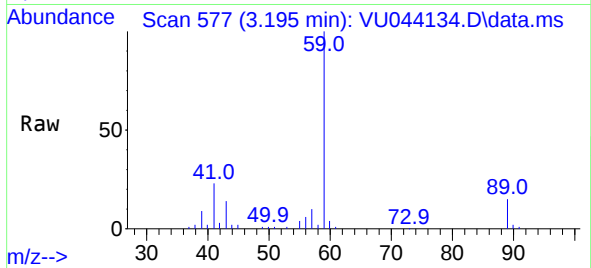




#11  
Tert butyl alcohol  
Concen: 94.198 ug/l  
RT: 3.195 min Scan# 577  
Delta R.T. -0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

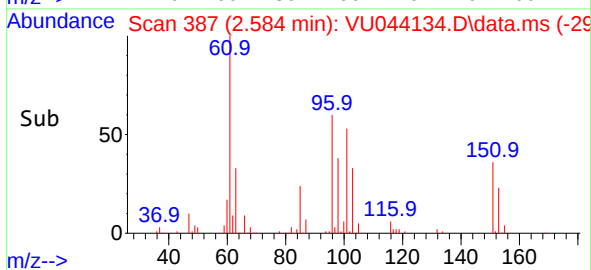
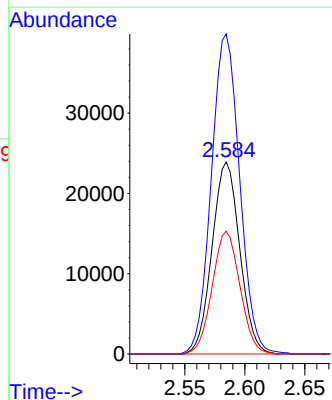
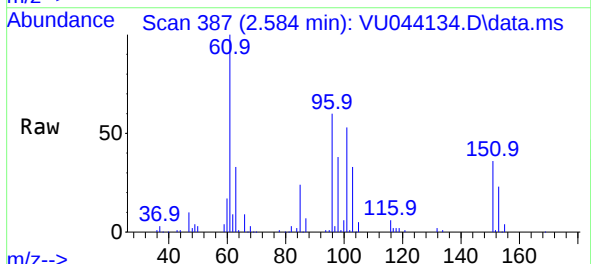
Instrument :  
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ClientSampleId :  
VSTDIC020

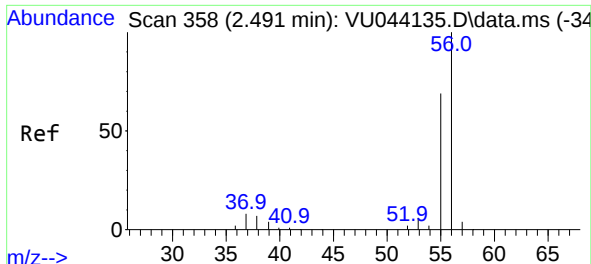
Tgt Ion: 59 Resp: 63024  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 25.113 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 96 Resp: 38365  
Ion Ratio Lower Upper  
96 100  
61 166.7 132.4 198.6  
98 63.9 50.5 75.7

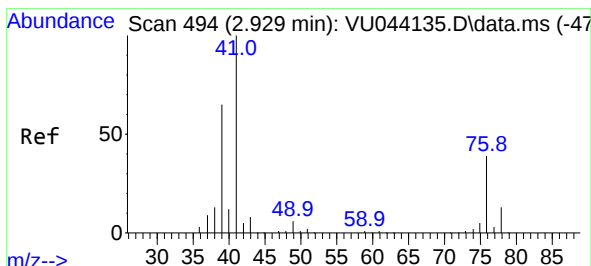
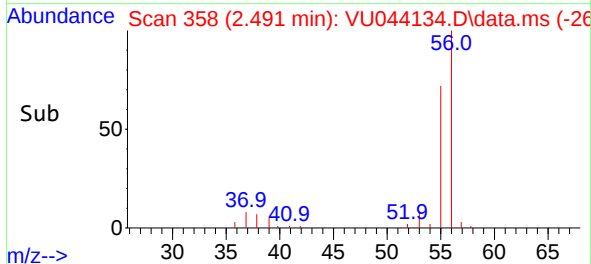
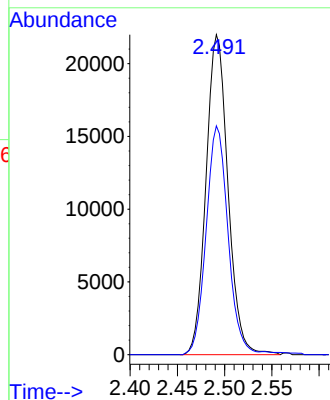
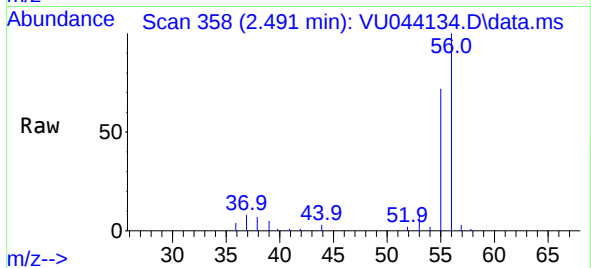




#13  
Acrolein  
Concen: 93.109 ug/l  
RT: 2.491 min Scan# 358  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

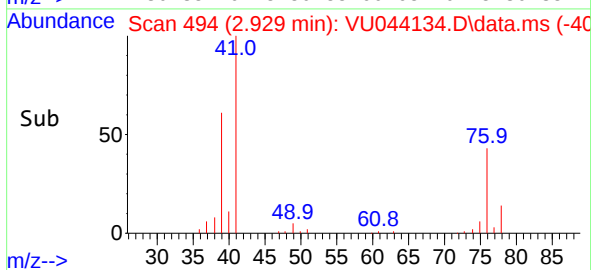
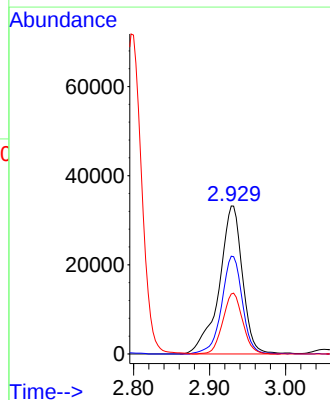
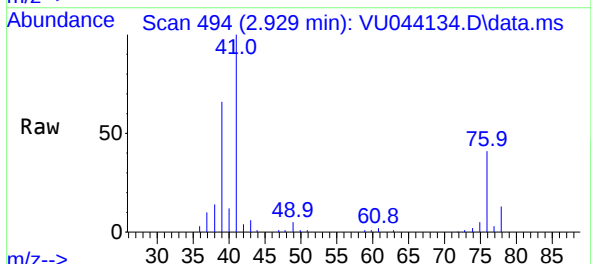
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ClientSampleId :  
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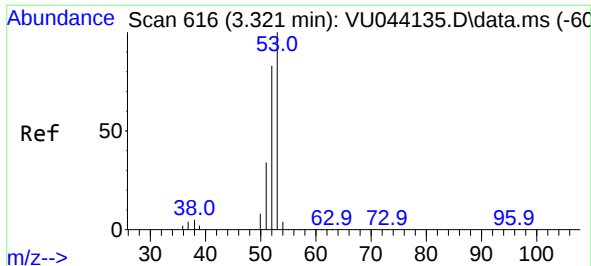
Tgt Ion: 56 Resp: 35517  
Ion Ratio Lower Upper  
56 100  
55 71.1 55.1 82.7



#14  
Allyl chloride  
Concen: 19.775 ug/l  
RT: 2.929 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 41 Resp: 70499  
Ion Ratio Lower Upper  
41 100  
39 58.7 45.7 68.5  
76 35.0 26.8 40.2

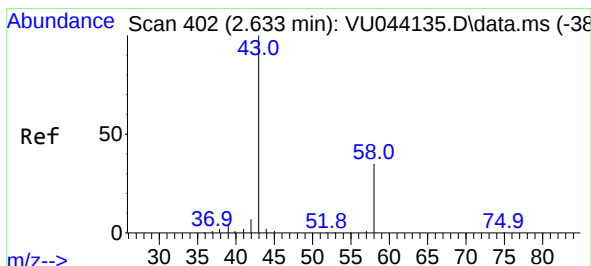
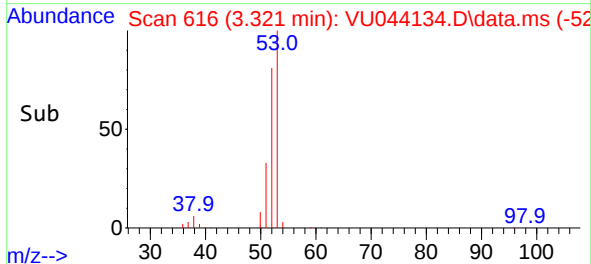
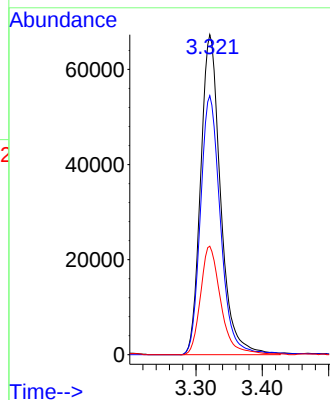
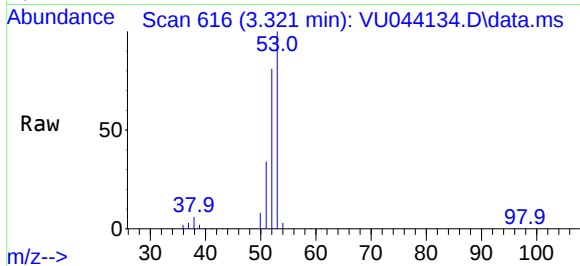




#15  
Acrylonitrile  
Concen: 96.578 ug/l  
RT: 3.321 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

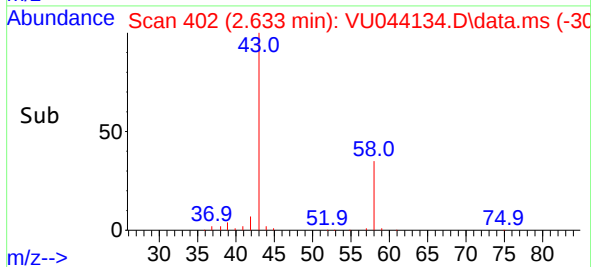
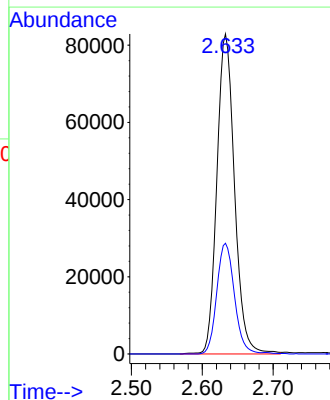
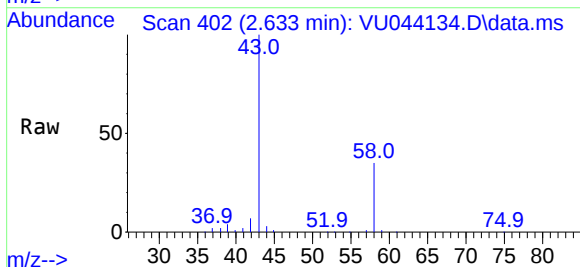
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ClientSampleId :  
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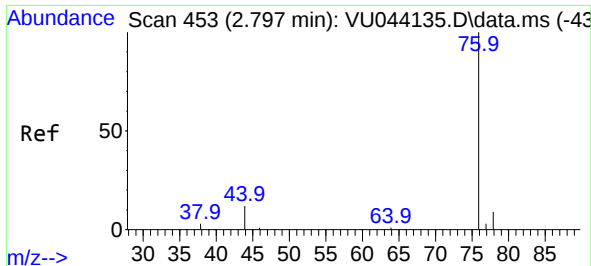
Tgt Ion: 53 Resp: 140509  
Ion Ratio Lower Upper  
53 100  
52 81.0 65.0 97.6  
51 34.4 27.3 40.9



#16  
Acetone  
Concen: 88.797 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 43 Resp: 143484  
Ion Ratio Lower Upper  
43 100  
58 34.6 28.0 42.0

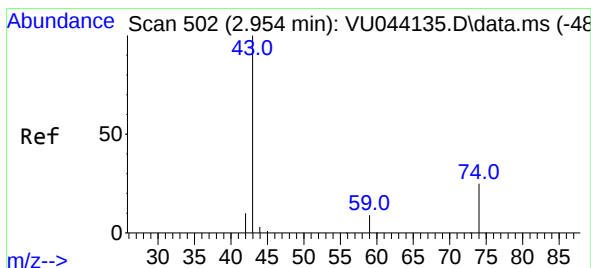
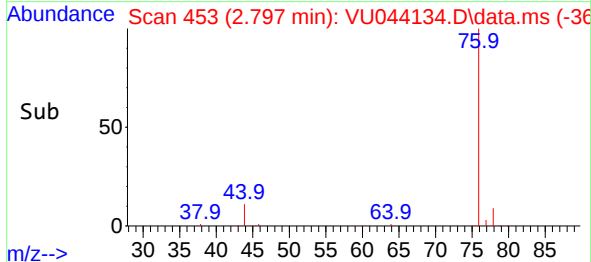
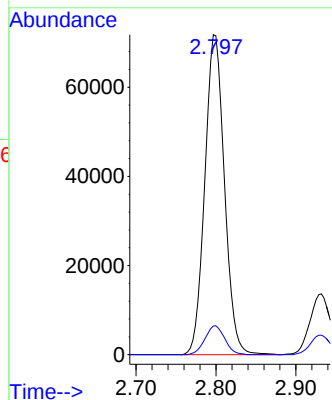
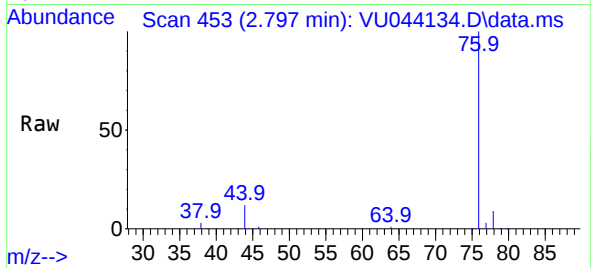




#17  
Carbon Disulfide  
Concen: 25.859 ug/l  
RT: 2.797 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

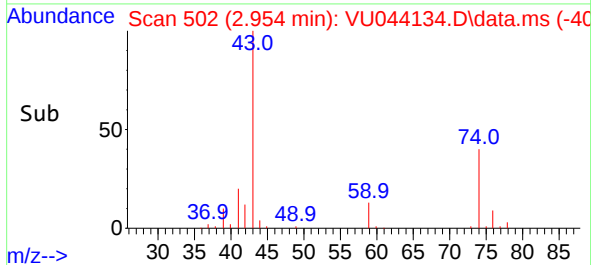
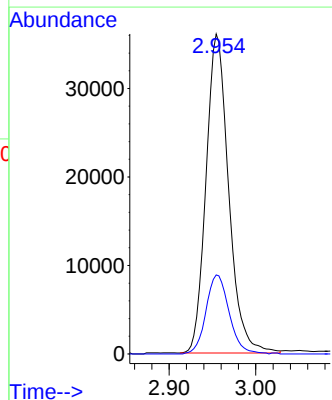
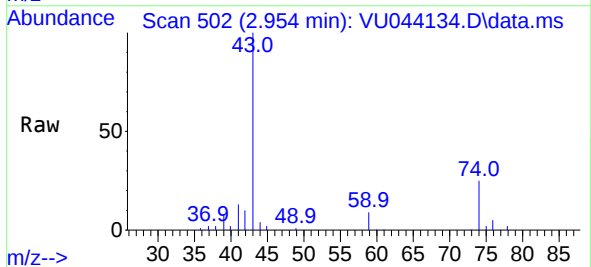
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

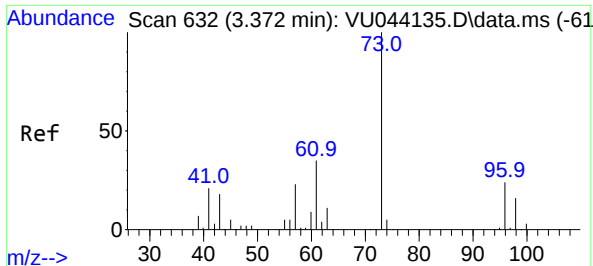
Tgt Ion: 76 Resp: 122746  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.916 ug/l  
RT: 2.954 min Scan# 502  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 43 Resp: 65520  
Ion Ratio Lower Upper  
43 100  
74 25.3 20.3 30.5

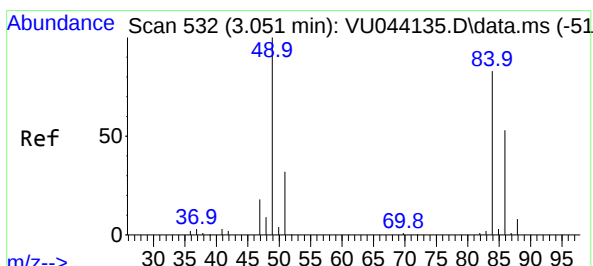
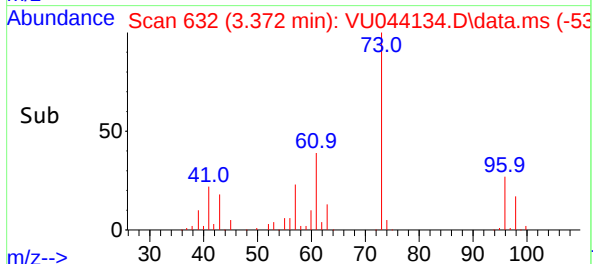
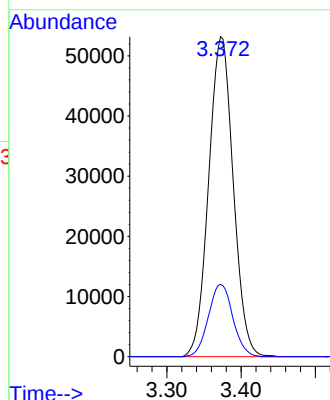
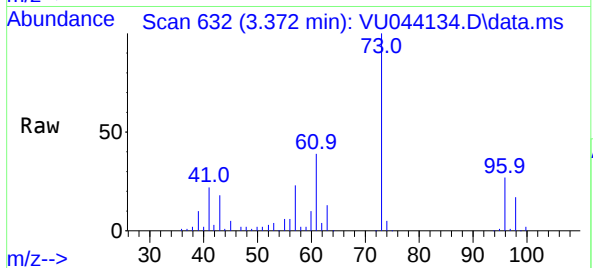




#19  
Methyl tert-butyl Ether  
Concen: 20.981 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

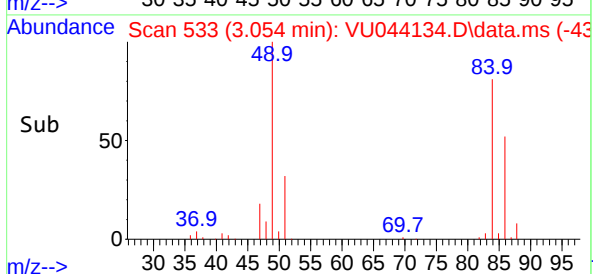
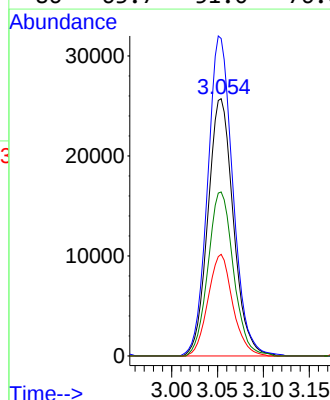
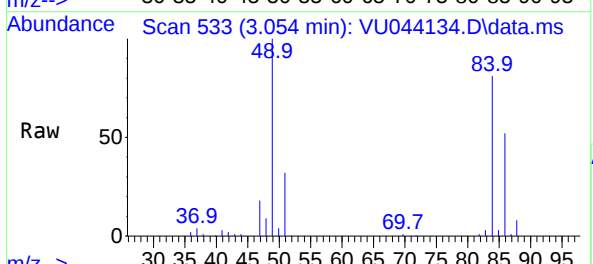
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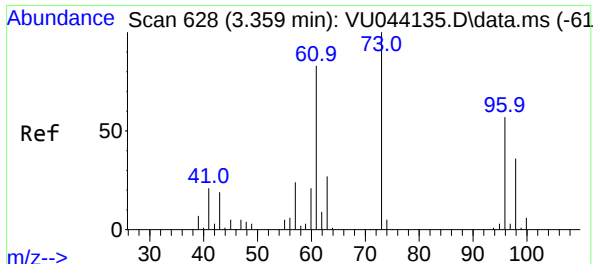
Tgt Ion: 73 Resp: 122023  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.0 27.0



#20  
Methylene Chloride  
Concen: 25.389 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 84 Resp: 49617  
Ion Ratio Lower Upper  
84 100  
49 123.4 96.9 145.3  
51 39.5 31.0 46.6  
86 63.7 51.0 76.6

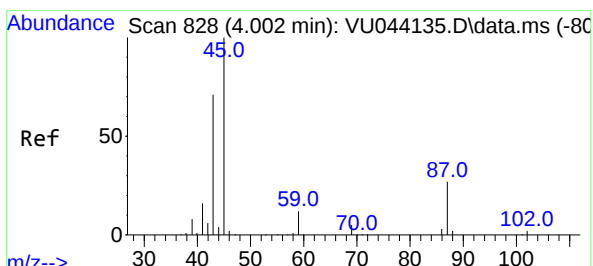
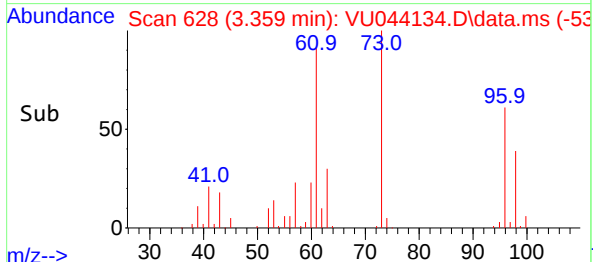
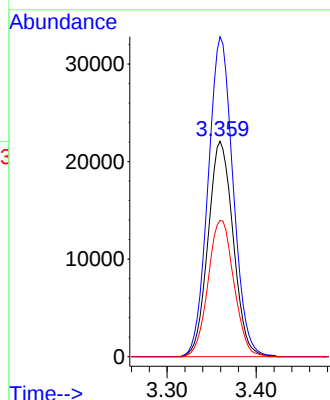
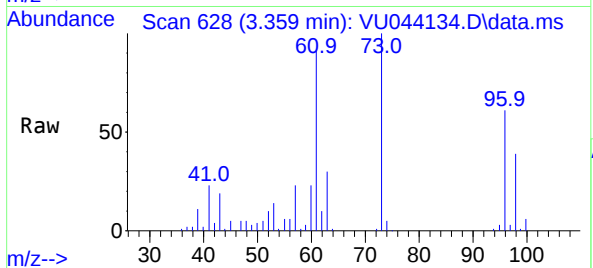




#21  
trans-1,2-Dichloroethene  
Concen: 24.327 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

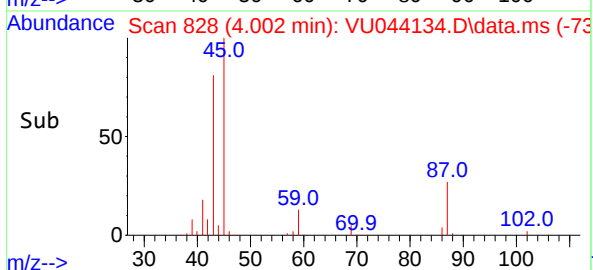
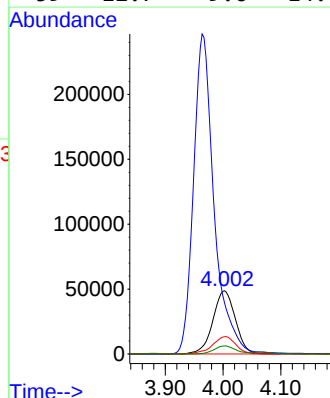
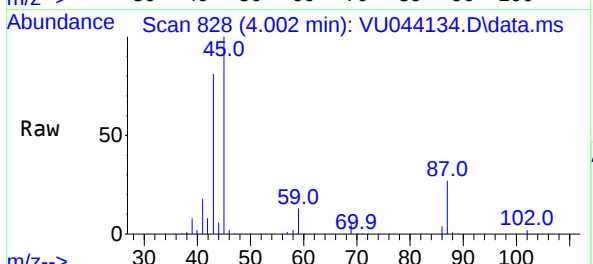
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ClientSampleId :  
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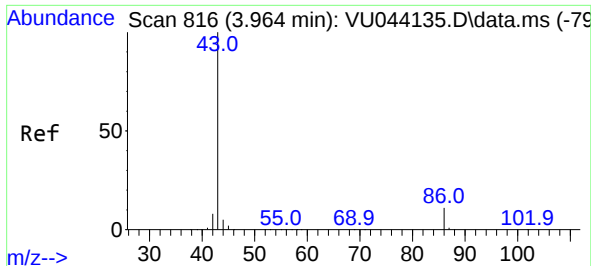
Tgt Ion: 96 Resp: 43239  
Ion Ratio Lower Upper  
96 100  
61 148.6 116.3 174.5  
98 63.2 50.7 76.1



#22  
Diisopropyl ether  
Concen: 19.634 ug/l  
RT: 4.002 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 45 Resp: 131744  
Ion Ratio Lower Upper  
45 100  
43 79.4 58.4 87.6  
87 27.4 21.8 32.6  
59 12.7 9.6 14.4

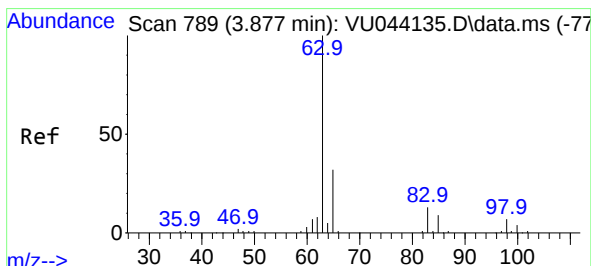
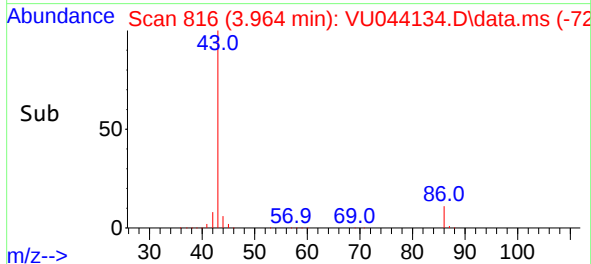
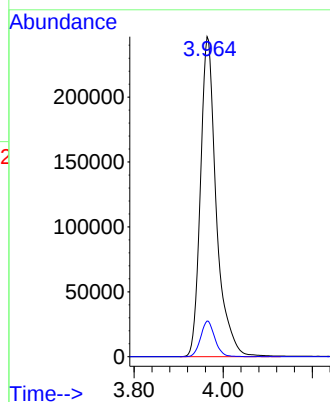
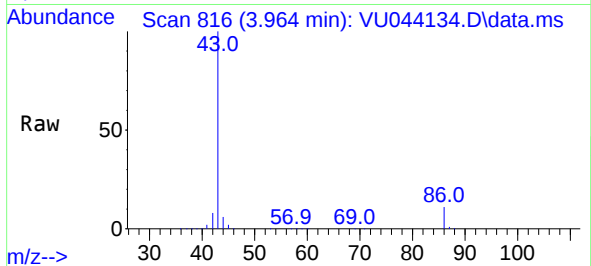




#23  
 Vinyl Acetate  
 Concen: 94.308 ug/l  
 RT: 3.964 min Scan# 816  
 Delta R.T. -0.000 min  
 Lab File: VU044134.D  
 Acq: 09 Jun 2021 11:47

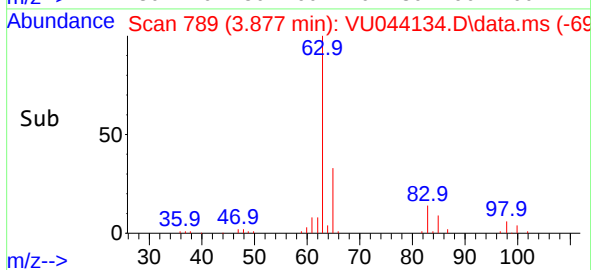
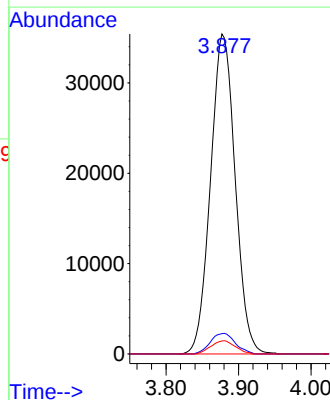
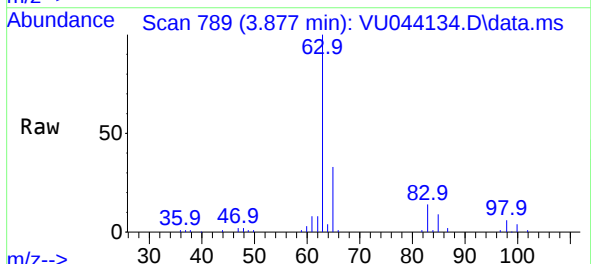
Instrument :  
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 ClientSampleId :  
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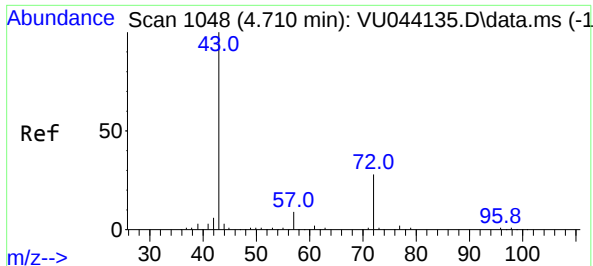
Tgt Ion: 43 Resp: 610495  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.8 13.2



#24  
 1,1-Dichloroethane  
 Concen: 23.712 ug/l  
 RT: 3.877 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VU044134.D  
 Acq: 09 Jun 2021 11:47

Tgt Ion: 63 Resp: 83706  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.3 9.9  
 100 4.1 2.2 6.6

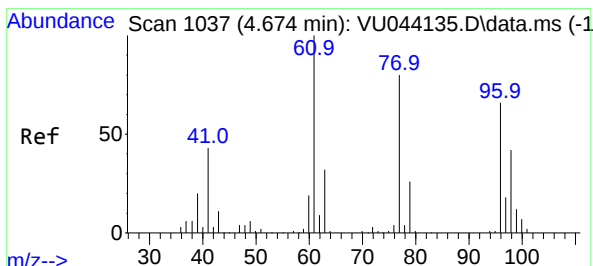
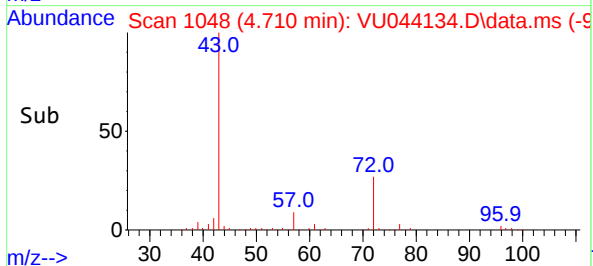
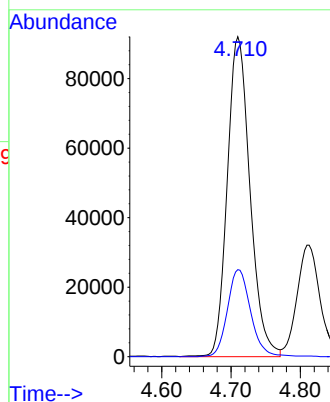
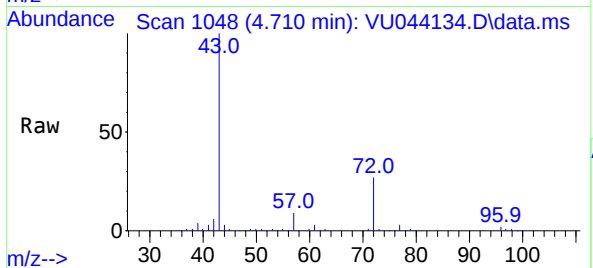




#25  
2-Butanone  
Concen: 89.905 ug/l  
RT: 4.710 min Scan# 1048  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

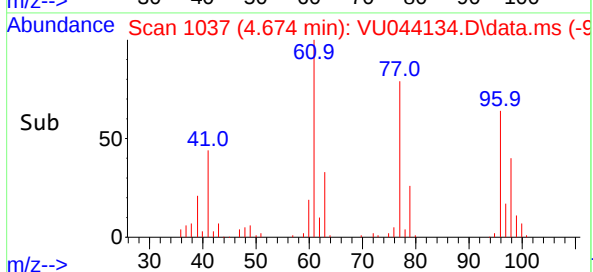
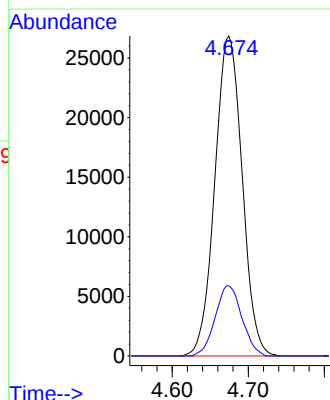
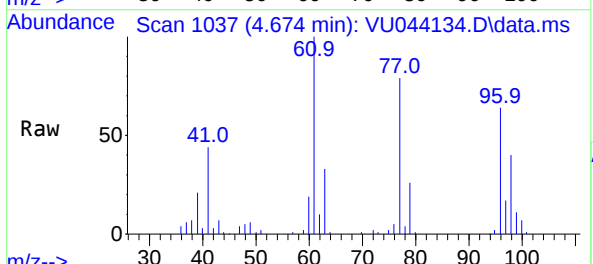
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

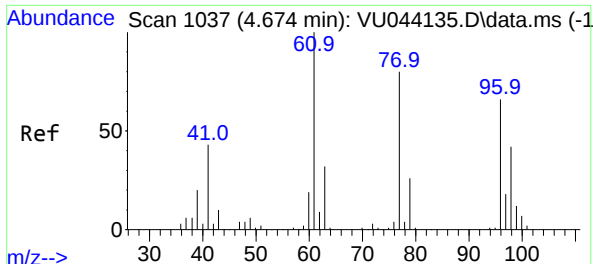
Tgt Ion: 43 Resp: 209992  
Ion Ratio Lower Upper  
43 100  
72 27.2 22.6 33.8



#26  
2,2-Dichloropropane  
Concen: 22.128 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 77 Resp: 66960  
Ion Ratio Lower Upper  
77 100  
97 21.4 11.4 34.2

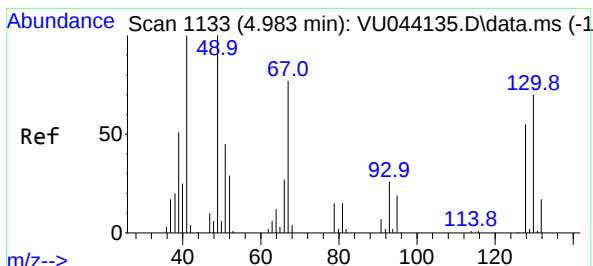
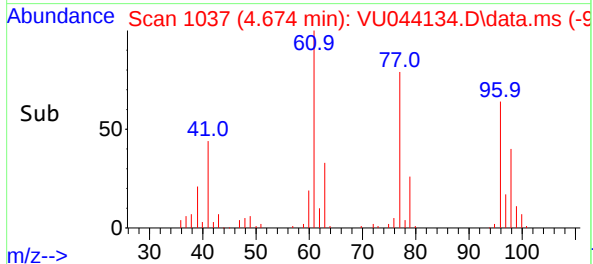
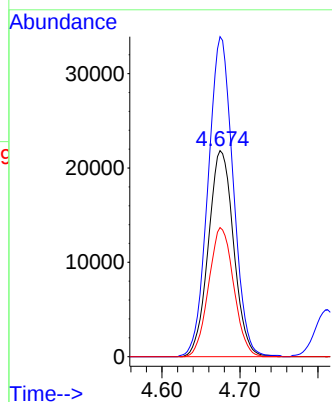
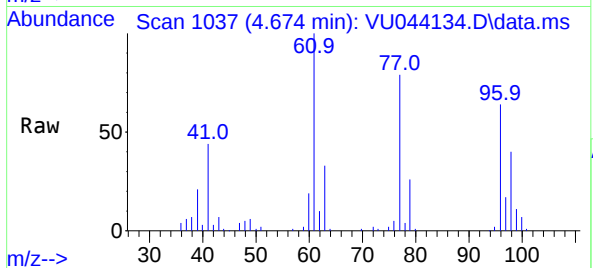




#27  
cis-1,2-Dichloroethene  
Concen: 24.612 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

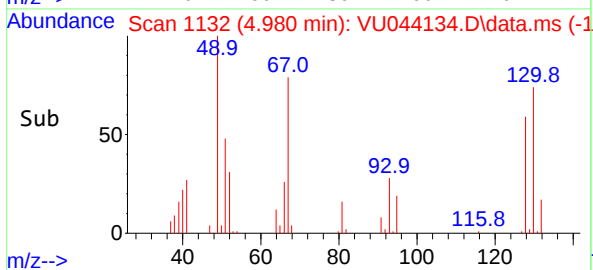
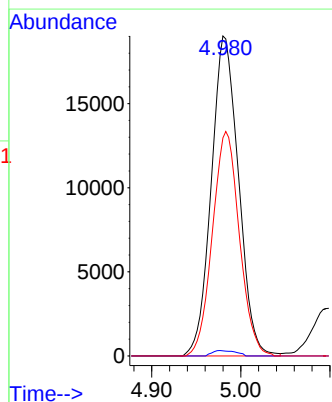
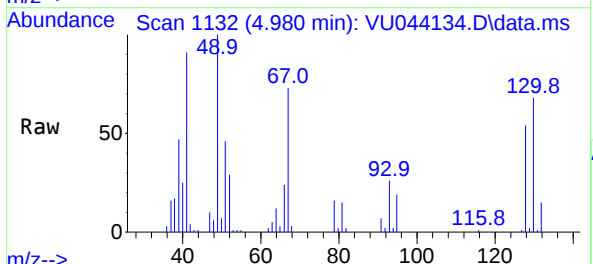
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

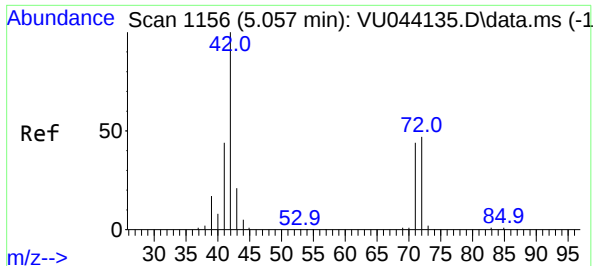
Tgt Ion: 96 Resp: 49173  
Ion Ratio Lower Upper  
96 100  
61 154.4 0.0 308.0  
98 62.0 0.0 128.4



#28  
Bromochloromethane  
Concen: 22.574 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. -0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 49 Resp: 40428  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 3.2  
130 69.4 55.6 83.4



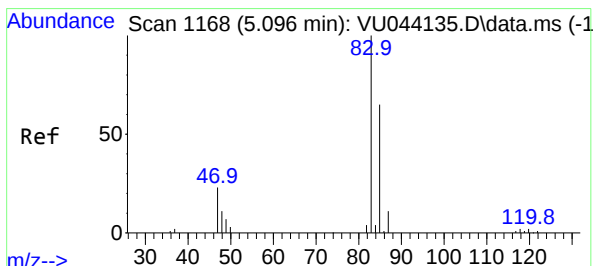
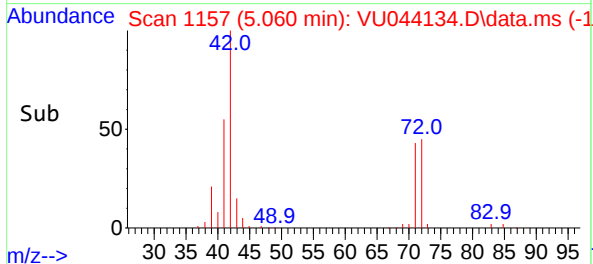
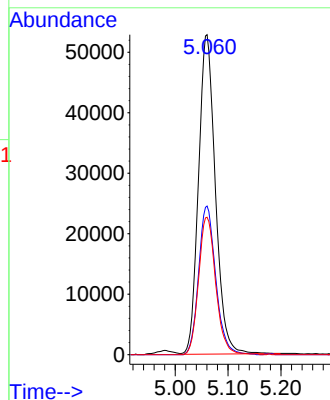
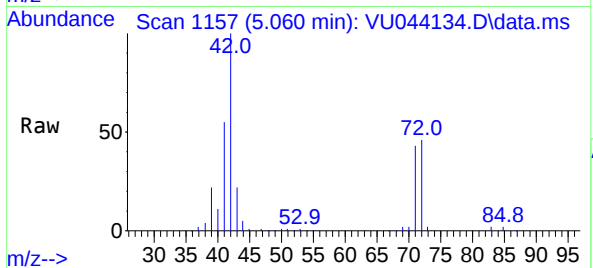


#29

Tetrahydrofuran  
Concen: 80.761 ug/l  
RT: 5.060 min Scan# 1157  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

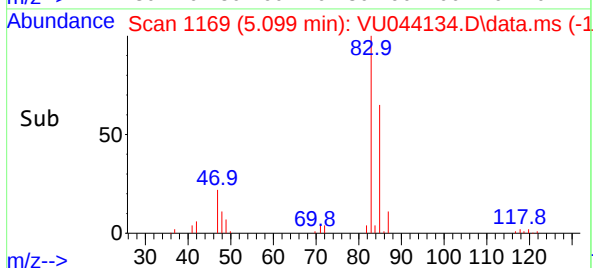
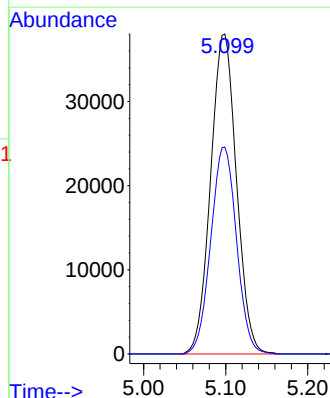
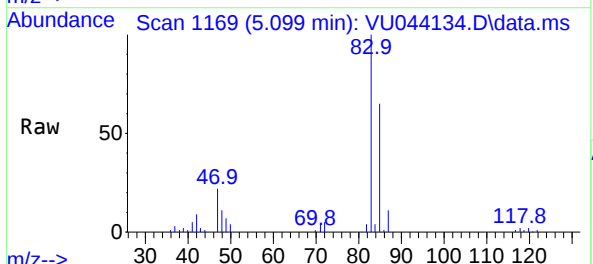
Tgt Ion: 42 Resp: 117100  
Ion Ratio Lower Upper  
42 100  
72 47.4 38.6 57.8  
71 43.6 35.5 53.3

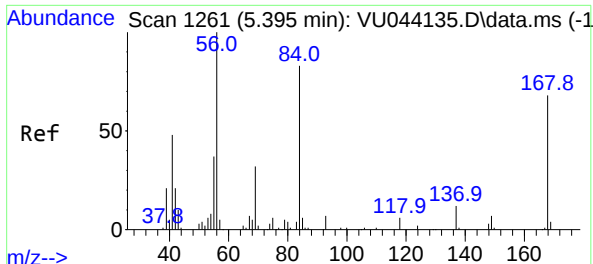


#30

Chloroform  
Concen: 22.658 ug/l  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 83 Resp: 83329  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 22.287 ug/l

RT: 5.395 min Scan# 1261

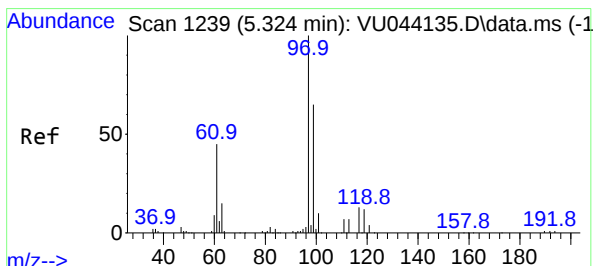
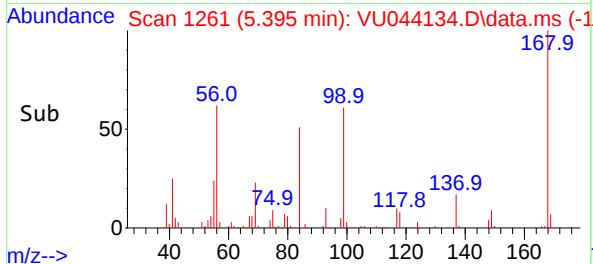
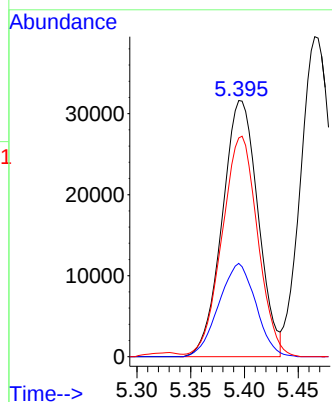
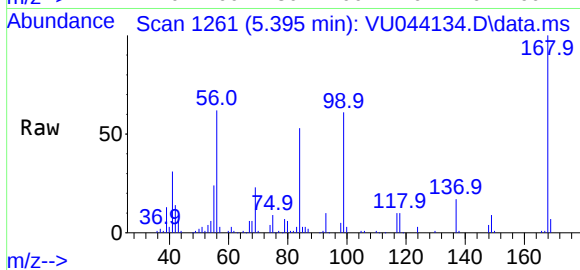
Delta R.T. -0.000 min

Lab File: VU044134.D

Acq: 09 Jun 2021 11:47

Tgt Ion: 56 Resp: 73289

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 36.4  | 25.5  | 38.3  |
| 84  | 84.4  | 66.3  | 99.5  |



#32

1,1,1-Trichloroethane

Concen: 20.940 ug/l

RT: 5.324 min Scan# 1239

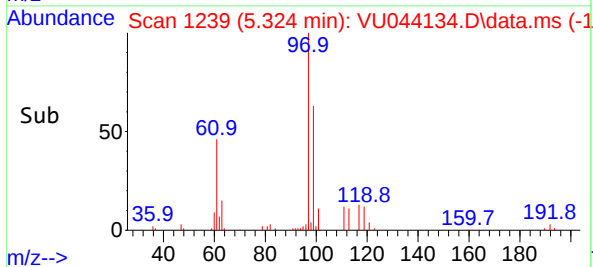
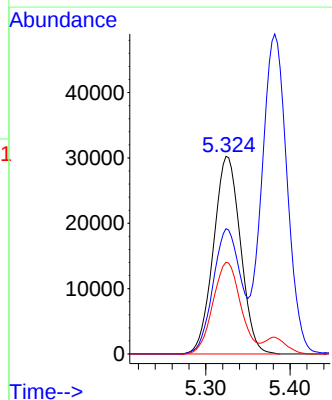
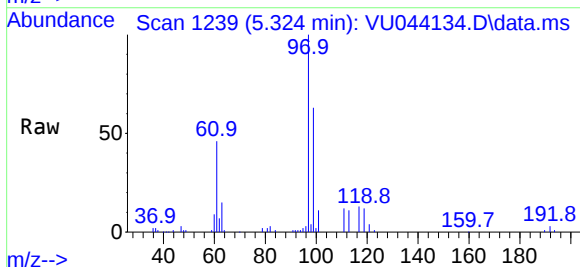
Delta R.T. 0.000 min

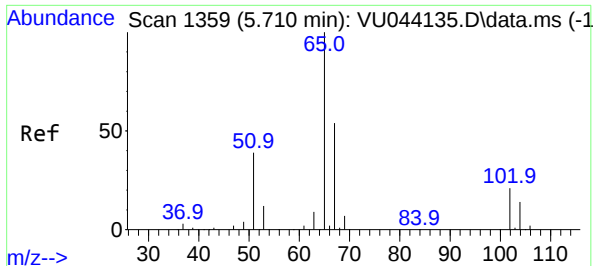
Lab File: VU044134.D

Acq: 09 Jun 2021 11:47

Tgt Ion: 97 Resp: 67314

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 50.9  | 76.3  |
| 61  | 47.6  | 37.0  | 55.4  |



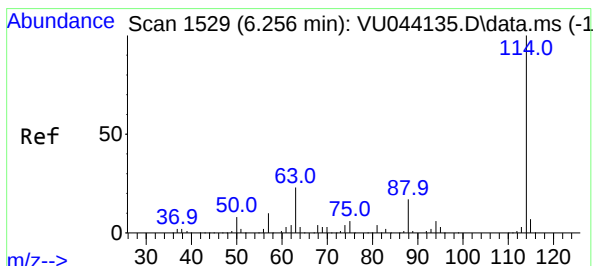
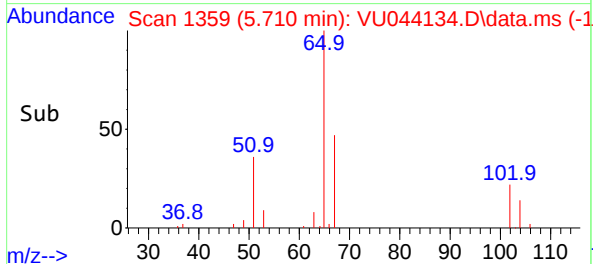
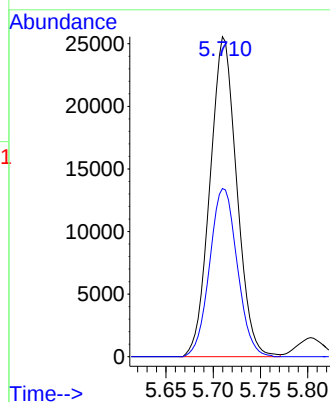
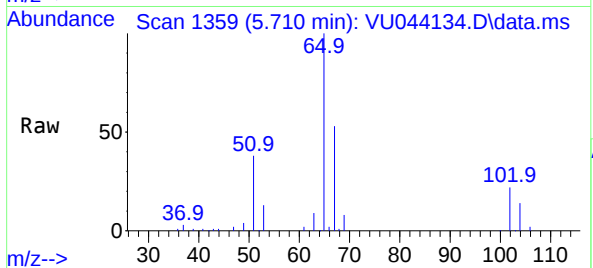


#33

1,2-Dichloroethane-d4  
Concen: 19.146 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

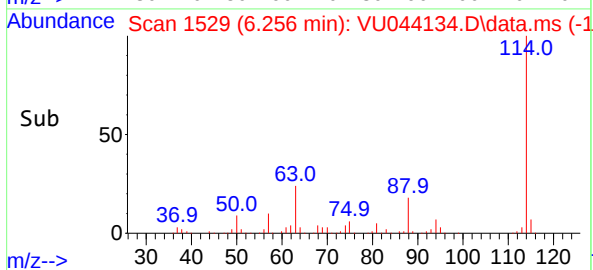
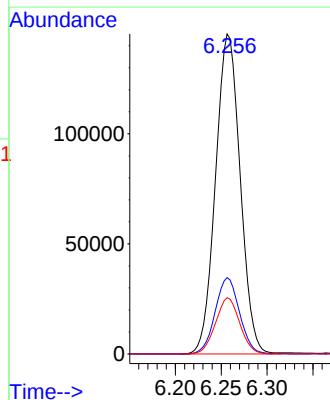
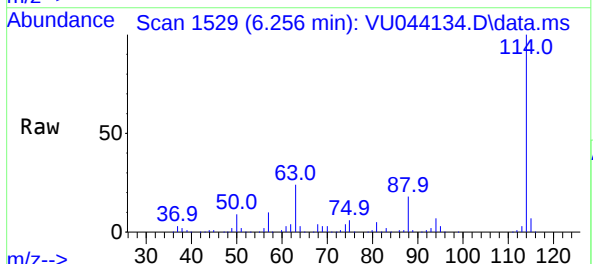
Tgt Ion: 65 Resp: 50290  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 106.6

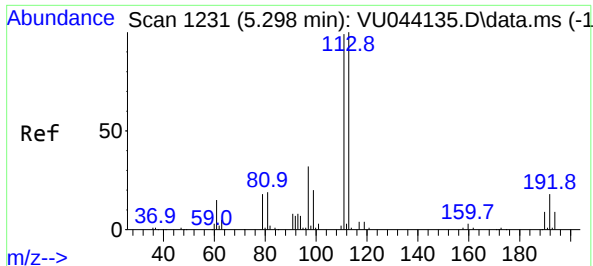


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 114 Resp: 271750  
Ion Ratio Lower Upper  
114 100  
63 23.8 0.0 45.8  
88 17.6 0.0 34.0

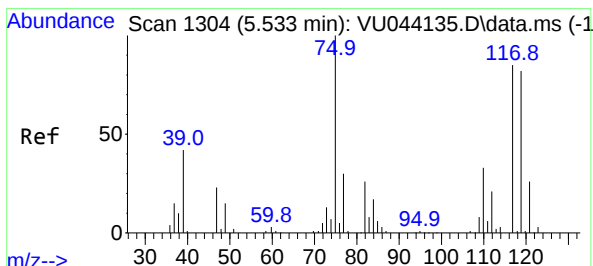
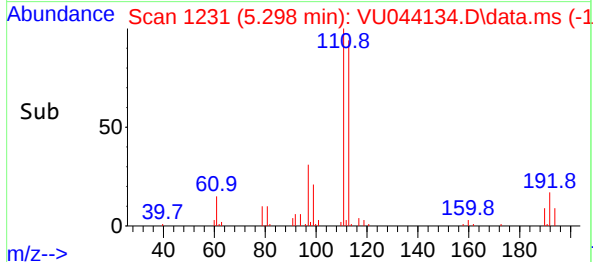
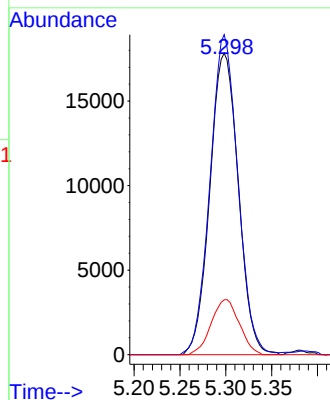
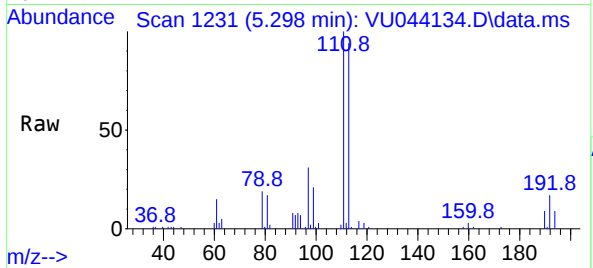




#35  
Dibromofluoromethane  
Concen: 18.974 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

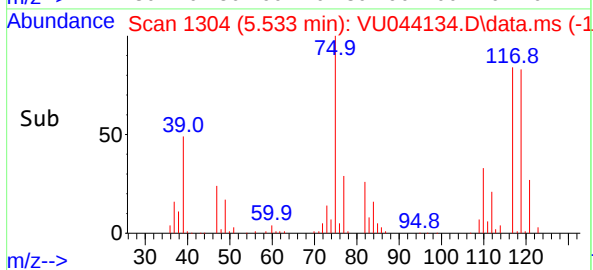
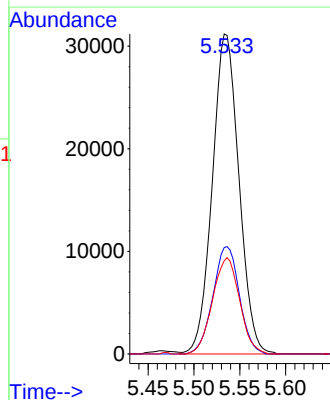
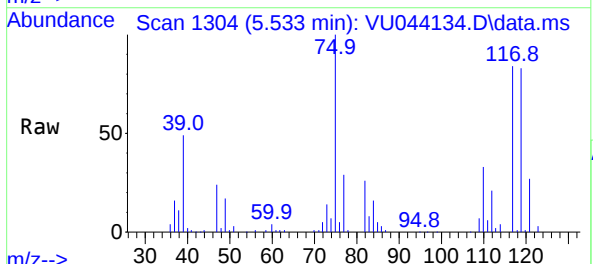
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

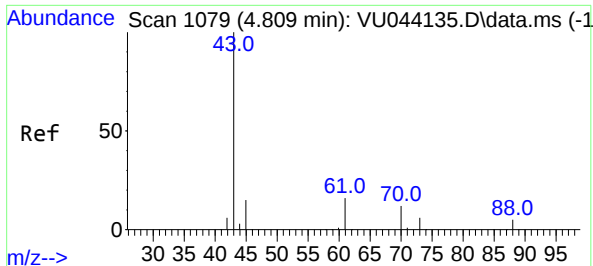
Tgt Ion:113 Resp: 38508  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.0 121.4  
192 18.1 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 21.823 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 75 Resp: 62928  
Ion Ratio Lower Upper  
75 100  
110 33.3 16.4 49.4  
77 30.6 24.7 37.1

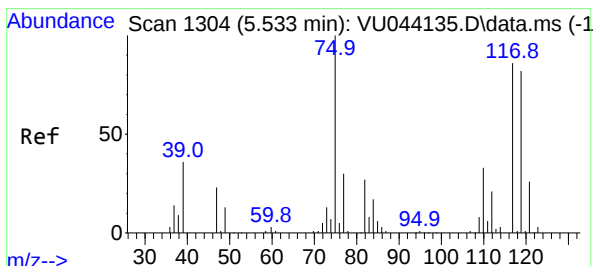
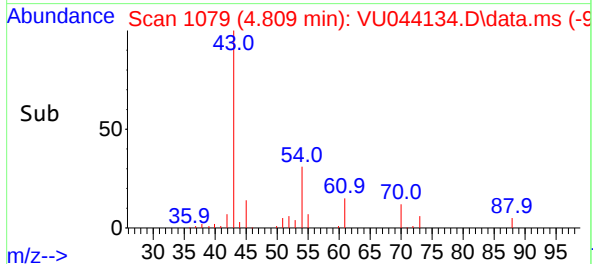
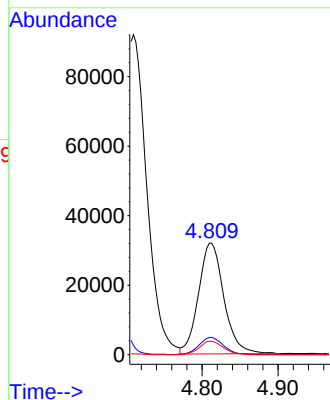
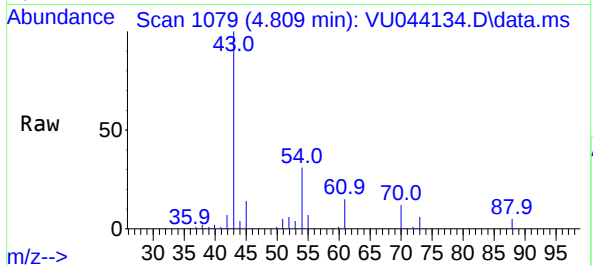




#37  
Ethyl Acetate  
Concen: 15.625 ug/l  
RT: 4.809 min Scan# 1079  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

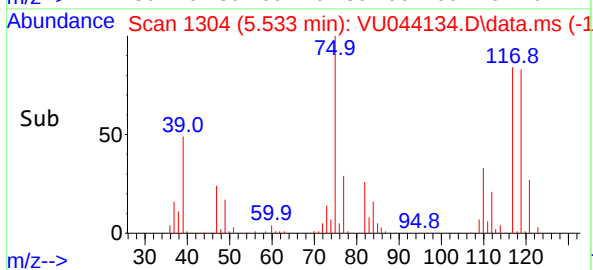
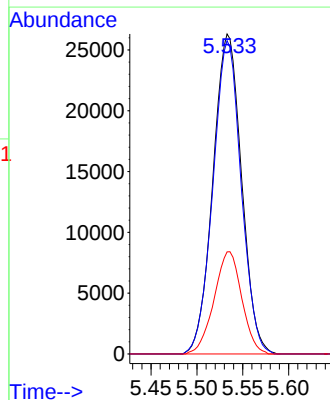
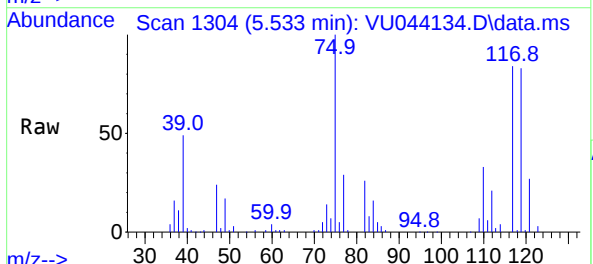
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

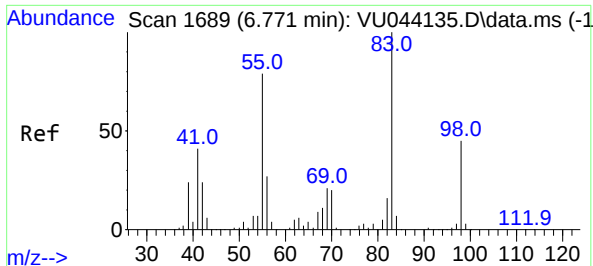
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 74026 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.1  | 11.9  | 17.9  |
| 70       | 11.4  | 9.4   | 14.0  |



#38  
Carbon Tetrachloride  
Concen: 18.910 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 56930 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.9  | 76.6  | 114.8 |
| 121      | 31.9  | 24.6  | 36.8  |



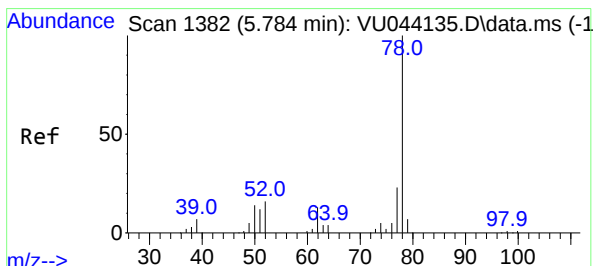
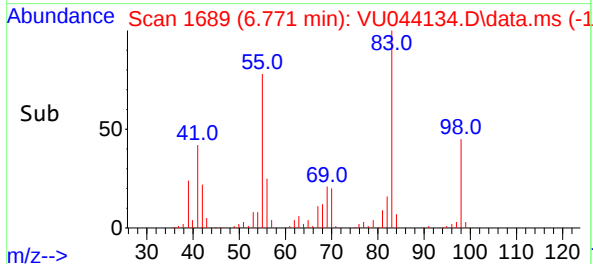
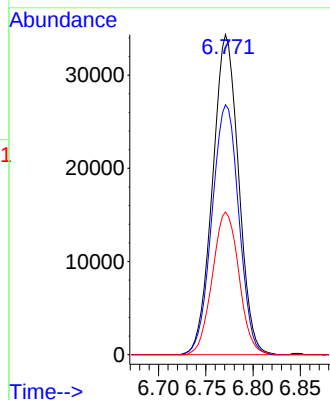
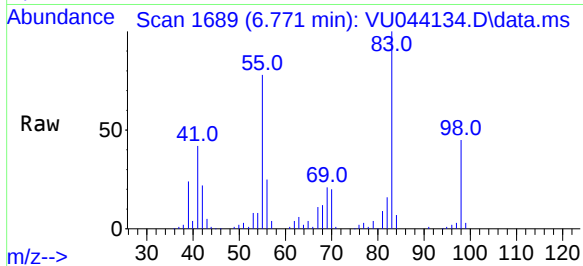


#39  
Methylcyclohexane  
Concen: 20.832 ug/l  
RT: 6.771 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

Tgt Ion: 83 Resp: 65825

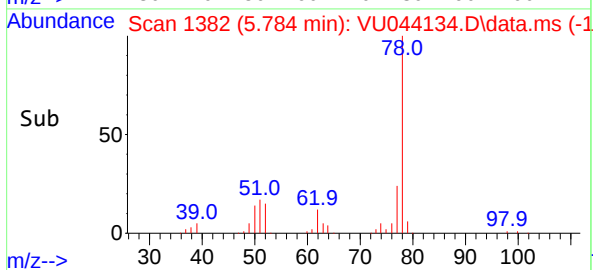
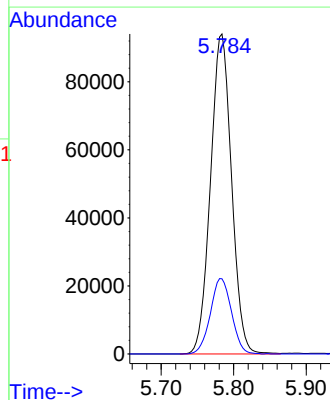
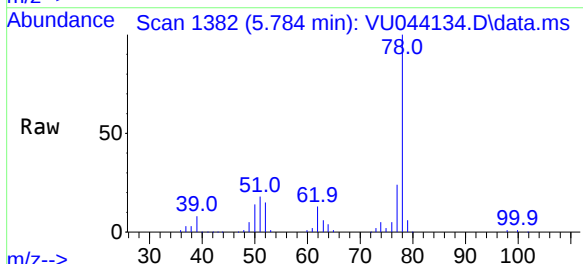
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.1  | 63.4  | 95.2  |
| 98  | 44.6  | 35.8  | 53.6  |

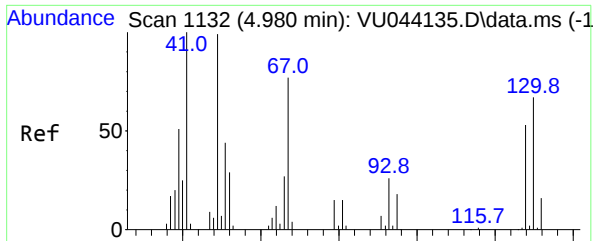


#40  
Benzene  
Concen: 22.782 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 78 Resp: 189564

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.5  | 18.7  | 28.1  |



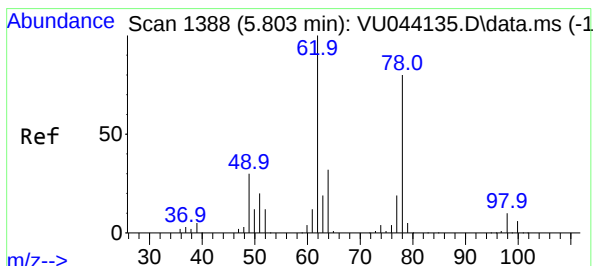
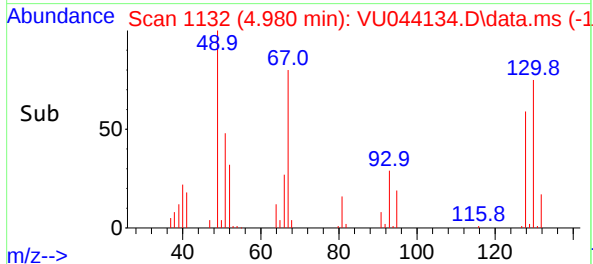
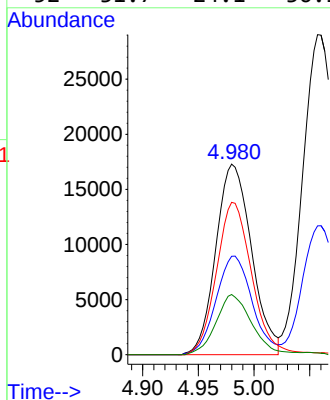
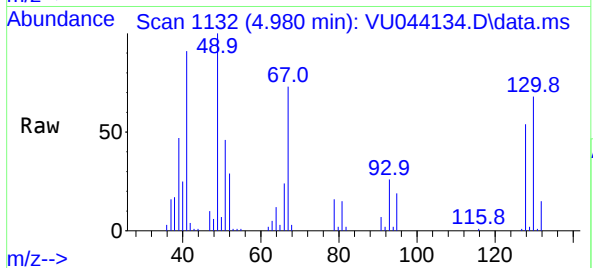


#41  
Methacrylonitrile  
Concen: 15.490 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

Tgt Ion: 41 Resp: 38589

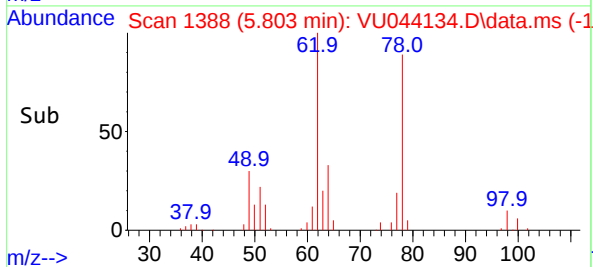
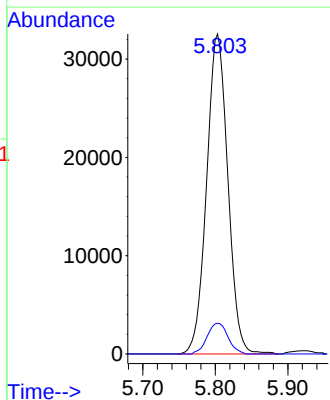
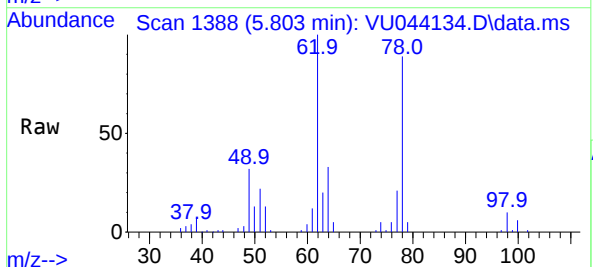
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.4  | 41.4  | 62.0  |
| 67  | 79.6  | 62.6  | 93.8  |
| 52  | 31.7  | 24.1  | 36.1  |

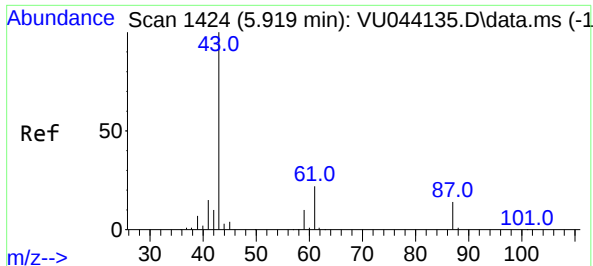


#42  
1,2-Dichloroethane  
Concen: 18.678 ug/l  
RT: 5.803 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 62 Resp: 66245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.4   | 0.0   | 19.2  |

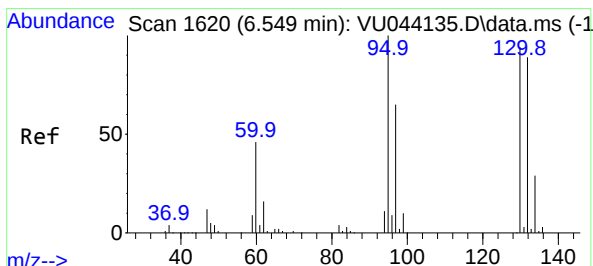
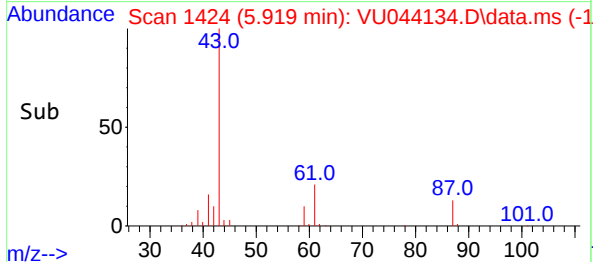
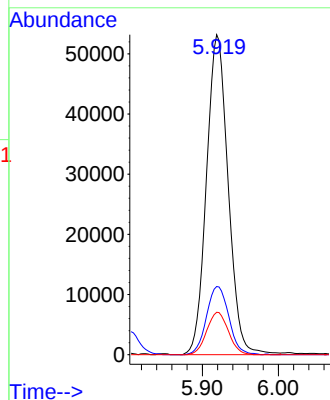
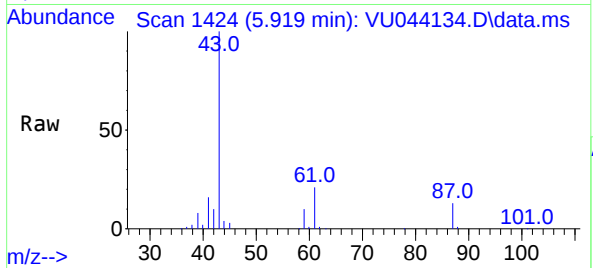




#43  
Isopropyl Acetate  
Concen: 15.699 ug/l  
RT: 5.919 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

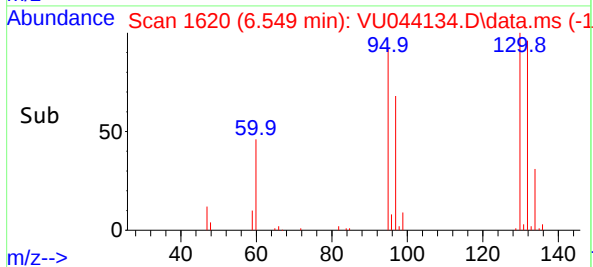
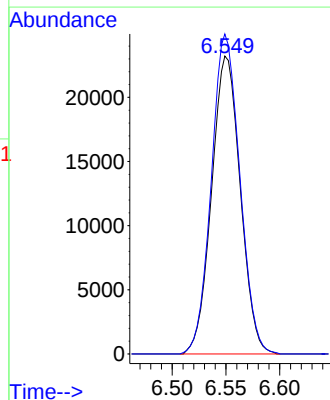
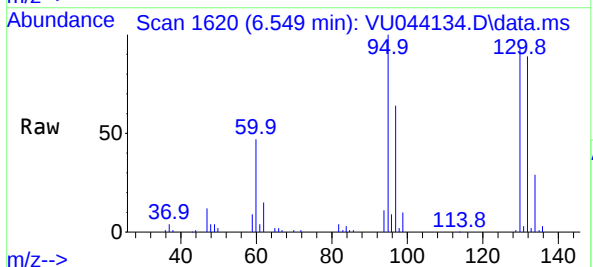
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

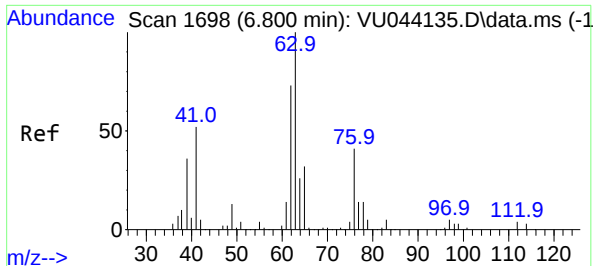
Tgt Ion: 43 Resp: 105465  
Ion Ratio Lower Upper  
43 100  
61 21.9 17.8 26.8  
87 13.2 11.1 16.7



#44  
Trichloroethene  
Concen: 20.811 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:130 Resp: 43123  
Ion Ratio Lower Upper  
130 100  
95 107.4 0.0 212.8



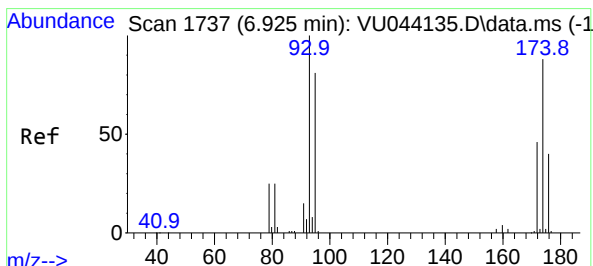
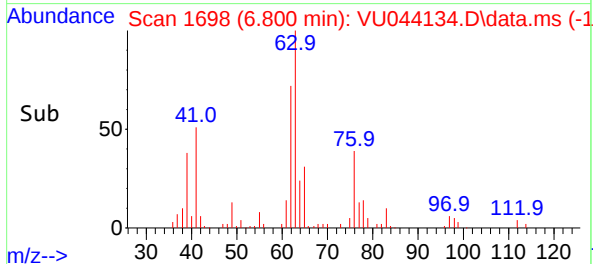
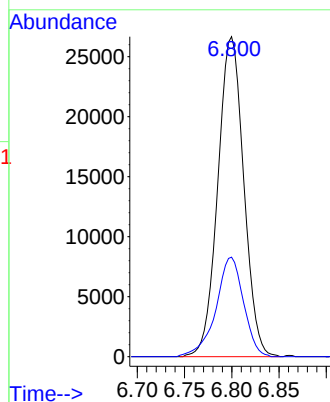
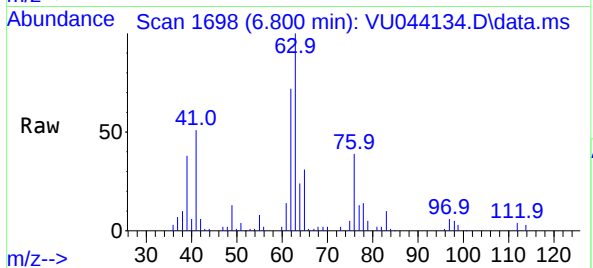


#45

1,2-Dichloropropane  
Concen: 22.196 ug/l  
RT: 6.800 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

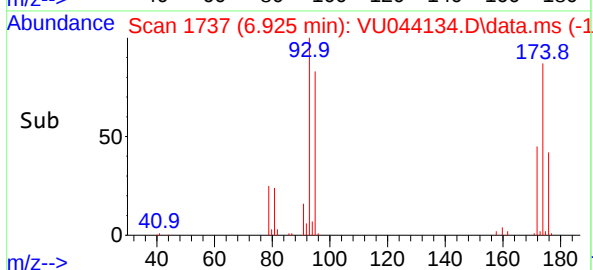
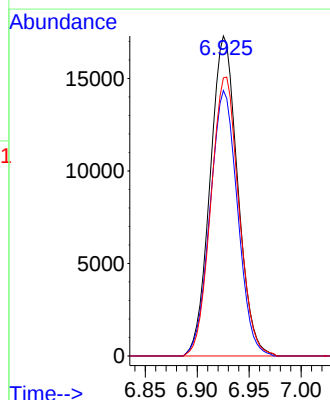
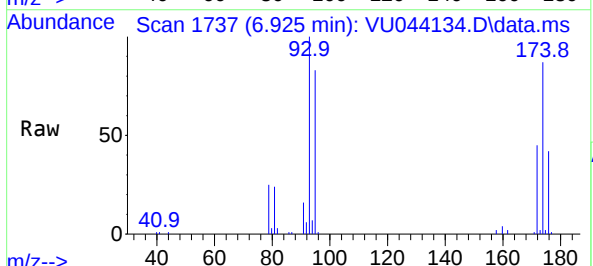
Tgt Ion: 63 Resp: 50859  
Ion Ratio Lower Upper  
63 100  
65 31.1 25.7 38.5

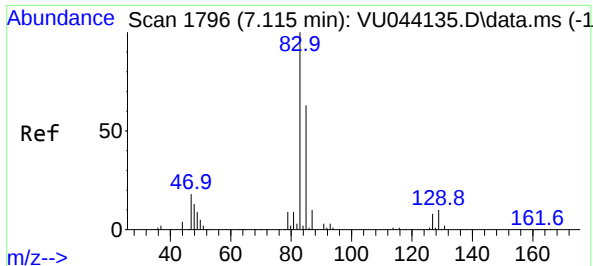


#46

Dibromomethane  
Concen: 19.894 ug/l  
RT: 6.925 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 93 Resp: 31885  
Ion Ratio Lower Upper  
93 100  
95 82.9 65.1 97.7  
174 88.2 71.2 106.8

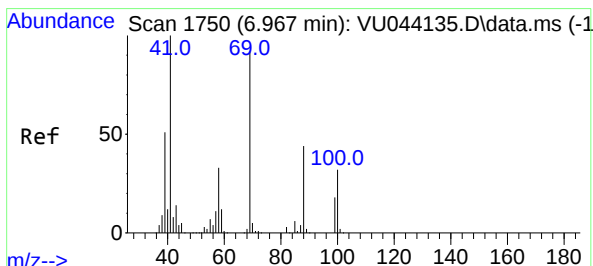
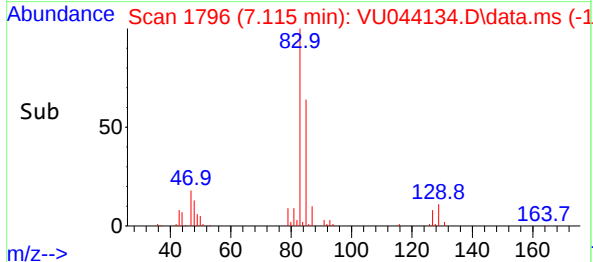
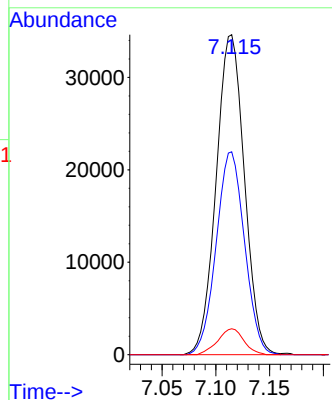
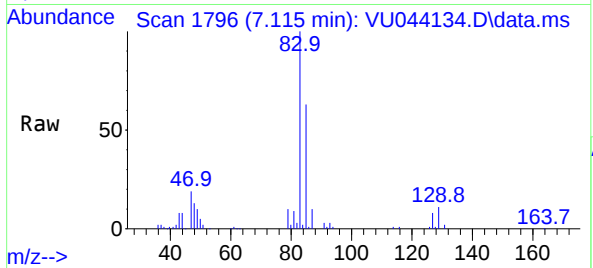




#47  
Bromodichloromethane  
Concen: 19.996 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

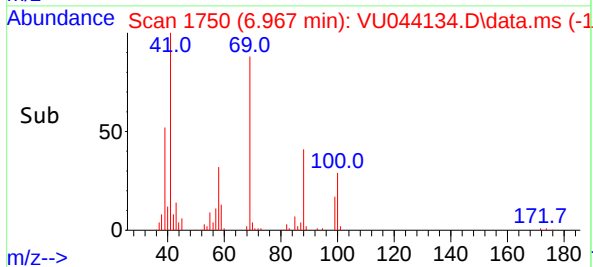
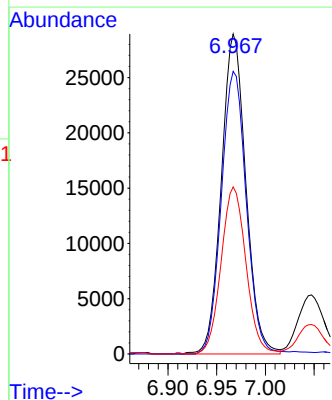
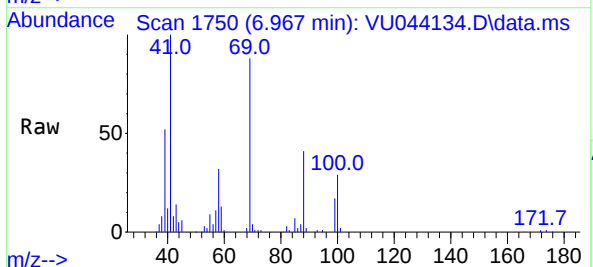
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

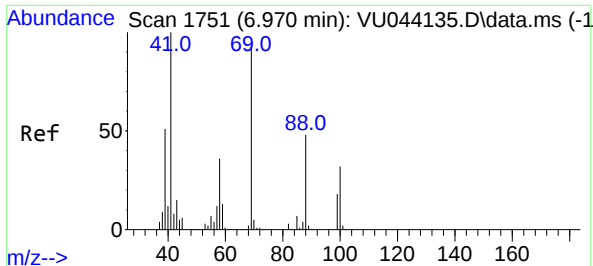
Tgt Ion: 83 Resp: 63261  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.2 75.2  
127 8.1 6.2 9.4



#48  
Methyl methacrylate  
Concen: 15.124 ug/l  
RT: 6.967 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 41 Resp: 50716  
Ion Ratio Lower Upper  
41 100  
69 89.7 74.0 111.0  
39 52.9 41.5 62.3

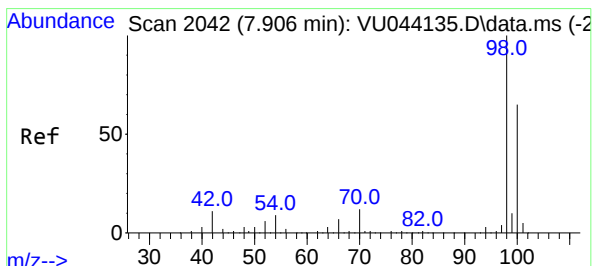
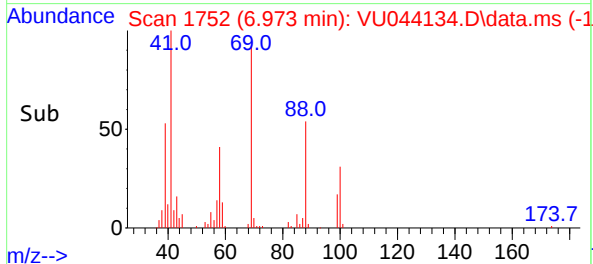
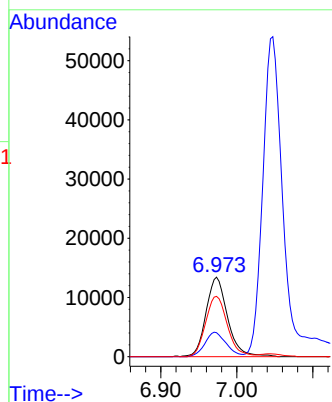
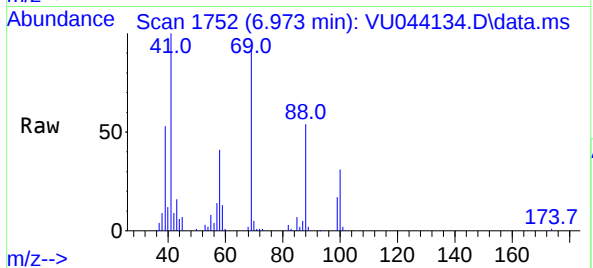




#49  
1,4-Dioxane  
Concen: 381.984 ug/l  
RT: 6.973 min Scan# 1752  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

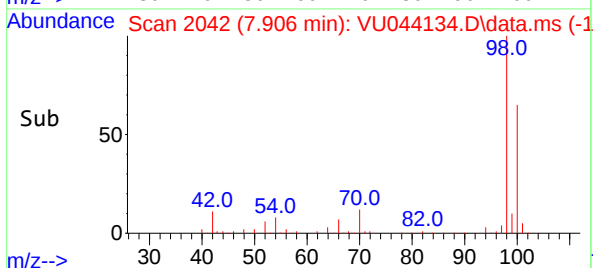
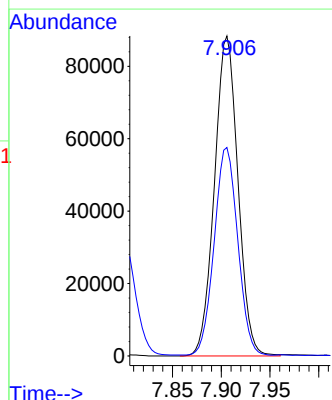
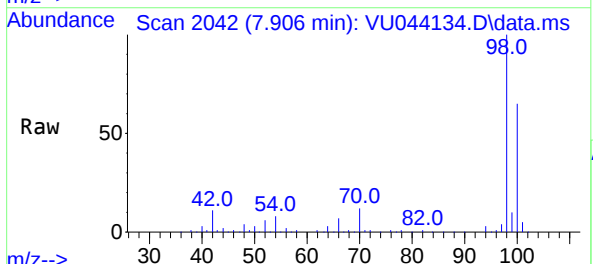
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

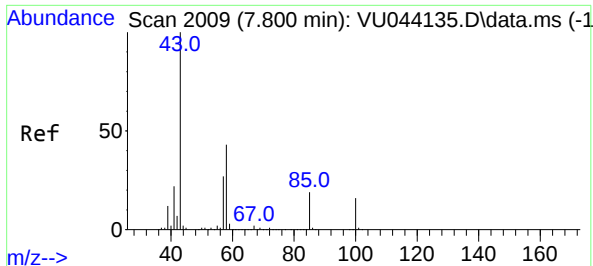
Tgt Ion: 88 Resp: 26459  
Ion Ratio Lower Upper  
88 100  
43 30.5 23.4 35.0  
58 76.9 58.1 87.1



#50  
Toluene-d8  
Concen: 20.419 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 98 Resp: 148362  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.4

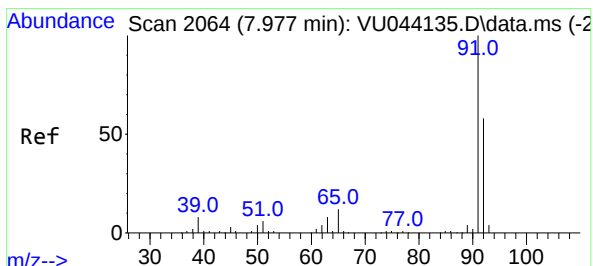
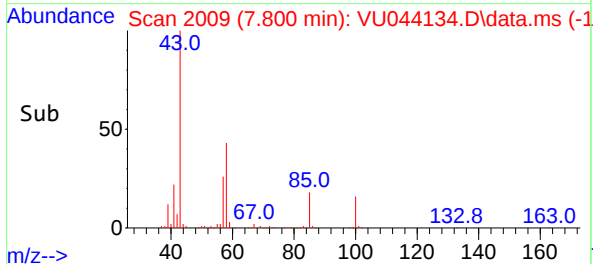
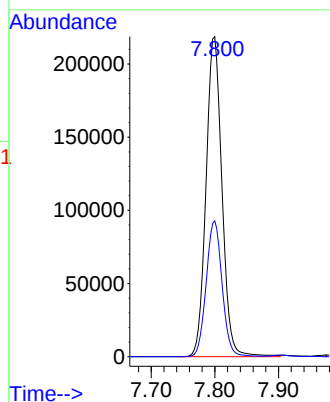
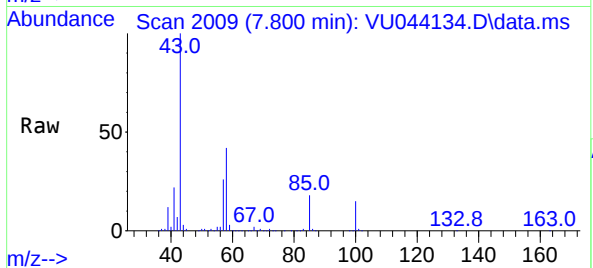




#51  
4-Methyl-2-Pentanone  
Concen: 76.759 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

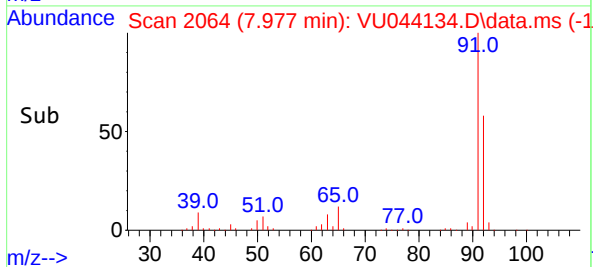
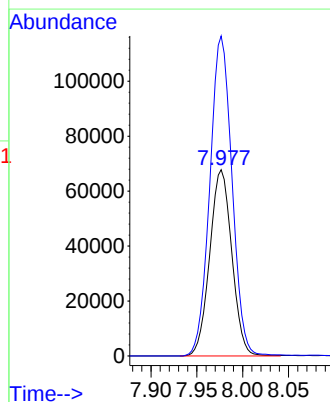
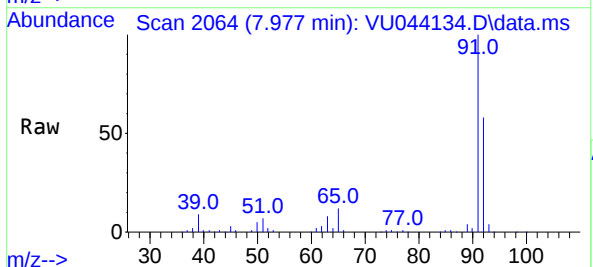
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

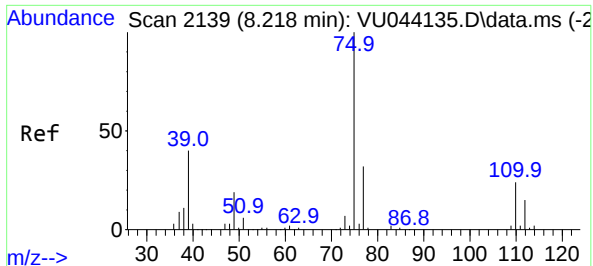
Tgt Ion: 43 Resp: 380853  
Ion Ratio Lower Upper  
43 100  
58 42.4 34.5 51.7



#52  
Toluene  
Concen: 22.164 ug/l  
RT: 7.977 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 92 Resp: 113656  
Ion Ratio Lower Upper  
92 100  
91 172.0 136.2 204.4

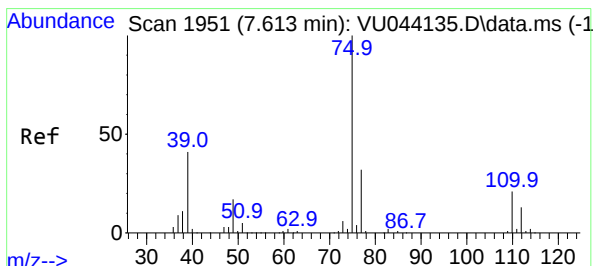
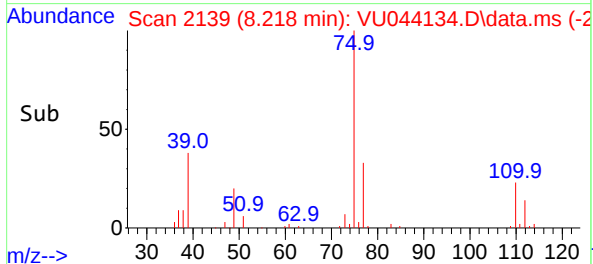
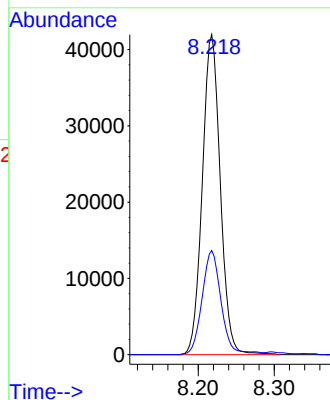
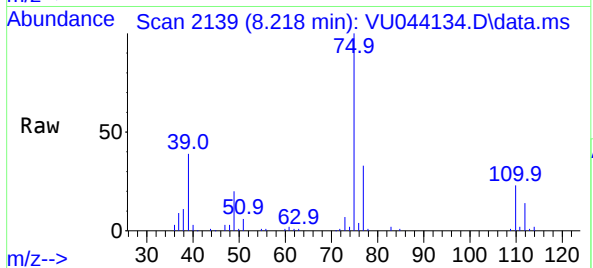




#53  
t-1,3-Dichloropropene  
Concen: 19.617 ug/l  
RT: 8.218 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

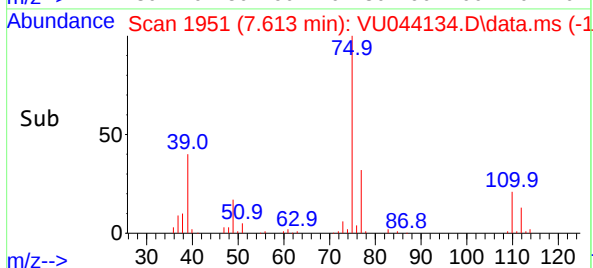
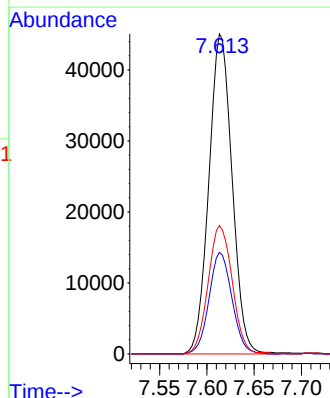
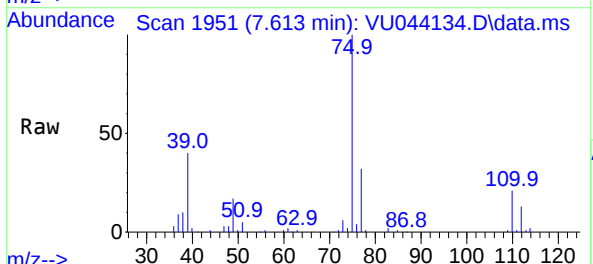
Instrument :  
MSVOA\_U  
ClientSampleId :  
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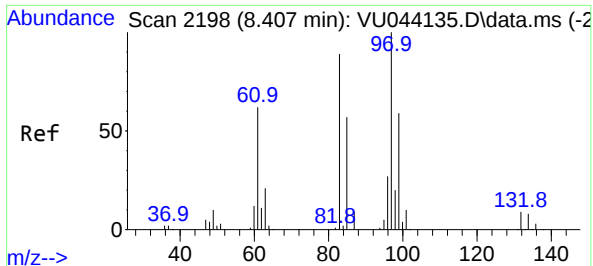
Tgt Ion: 75 Resp: 68887  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 21.336 ug/l  
RT: 7.613 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 75 Resp: 76917  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.9 38.9  
39 40.1 33.2 49.8



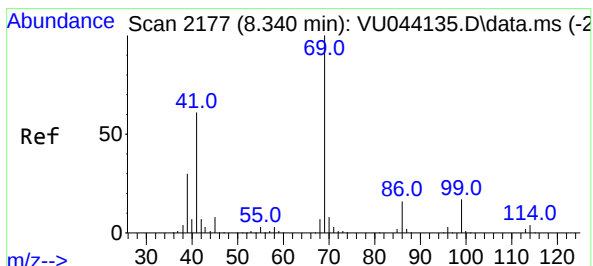
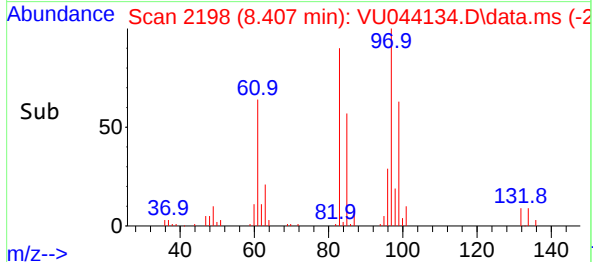
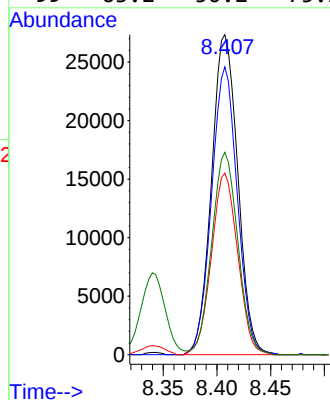
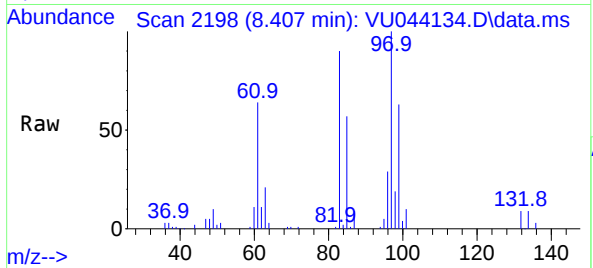


#55  
1,1,2-Trichloroethane  
Concen: 21.263 ug/l  
RT: 8.407 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

Tgt Ion: 97 Resp: 46564

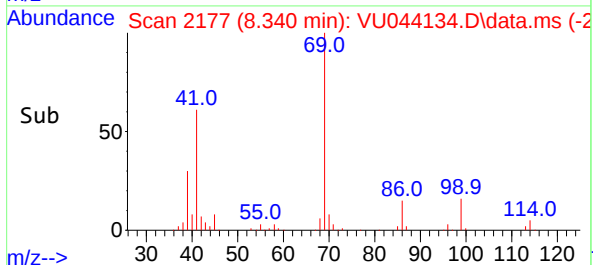
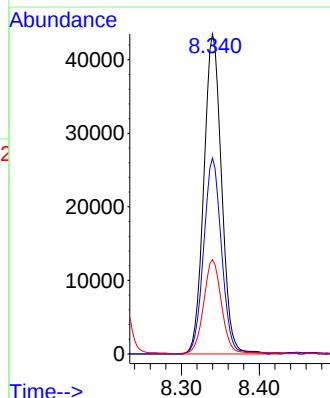
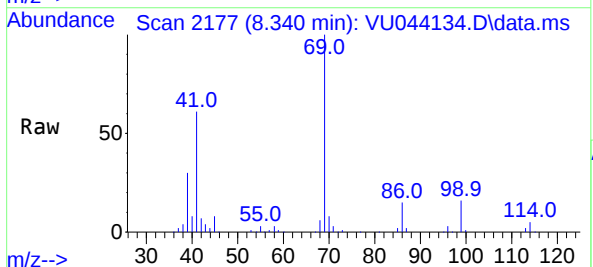
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 90.0  | 70.8  | 106.2 |
| 85  | 56.7  | 46.0  | 69.0  |
| 99  | 63.2  | 50.2  | 75.2  |

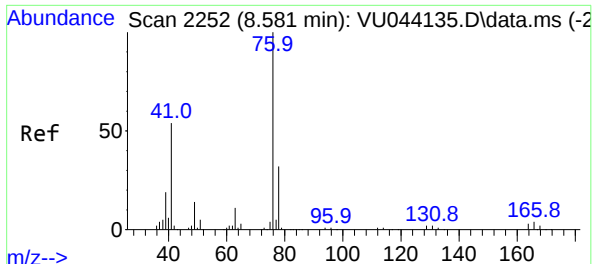


#56  
Ethyl methacrylate  
Concen: 19.263 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 69 Resp: 68778

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.6  | 48.4  | 72.6  |
| 39  | 29.8  | 23.6  | 35.4  |



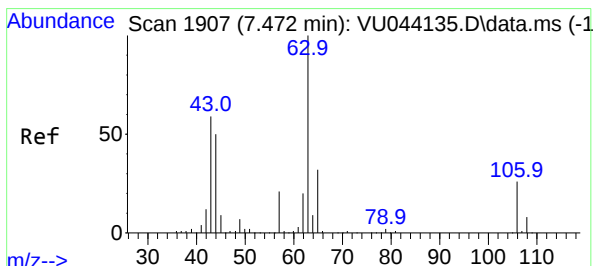
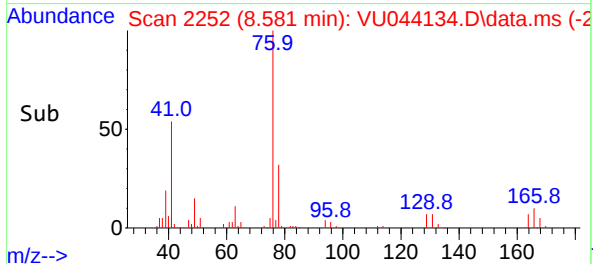
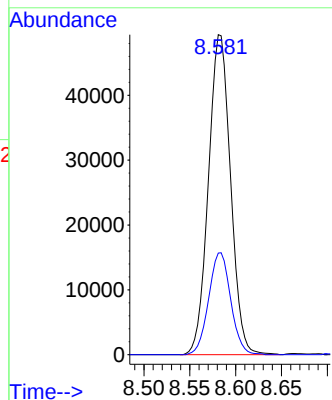
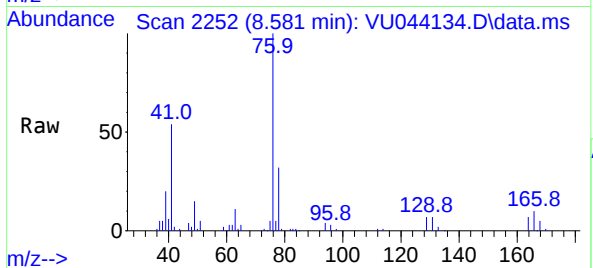


#57

1,3-Dichloropropane  
Concen: 21.809 ug/l  
RT: 8.581 min Scan# 2252  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

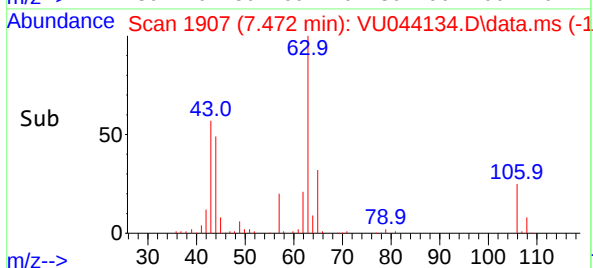
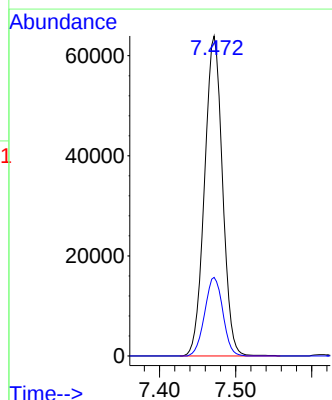
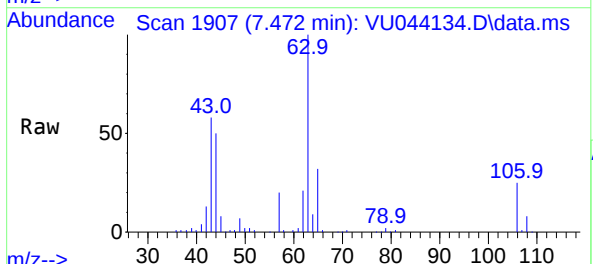
Tgt Ion: 76 Resp: 82831  
Ion Ratio Lower Upper  
76 100  
78 31.8 25.9 38.9

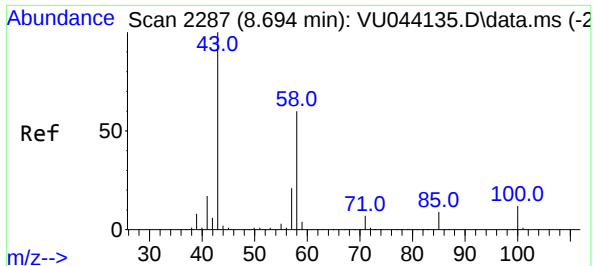


#58

2-Chloroethyl Vinyl ether  
Concen: 85.556 ug/l  
RT: 7.472 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 63 Resp: 104847  
Ion Ratio Lower Upper  
63 100  
106 24.8 20.6 30.8

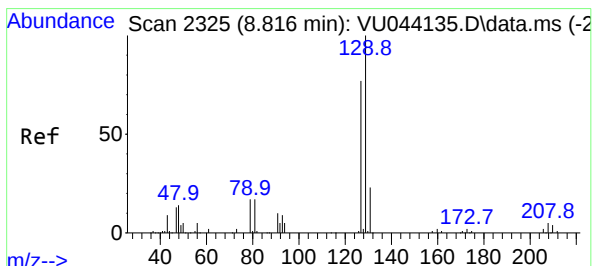
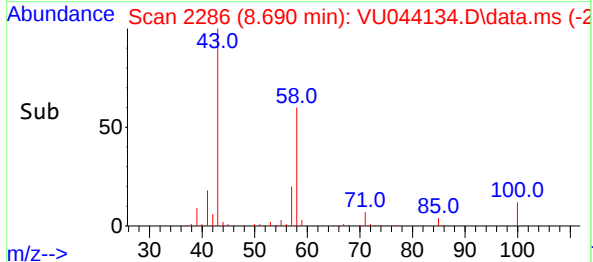
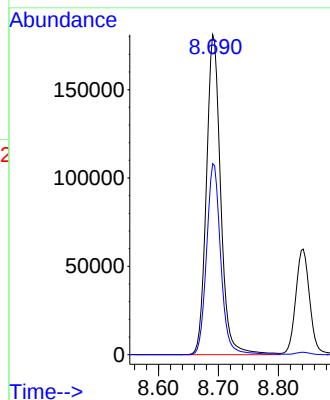
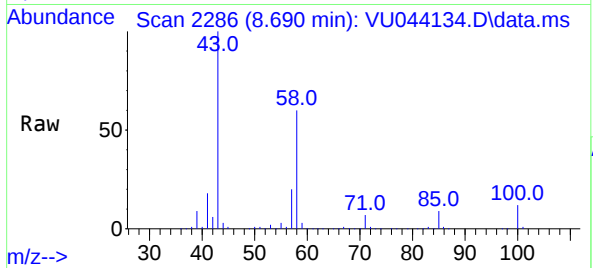




#59  
2-Hexanone  
Concen: 74.292 ug/l  
RT: 8.690 min Scan# 2286  
Delta R.T. -0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

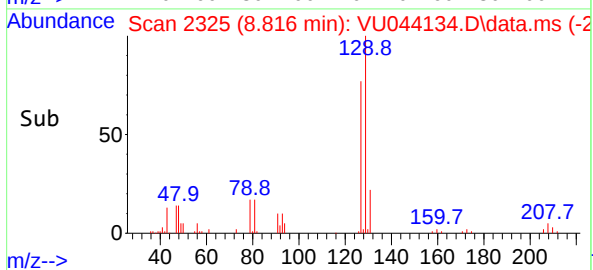
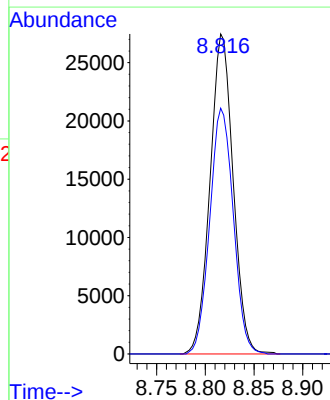
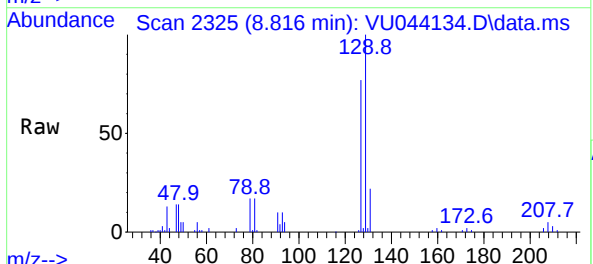
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

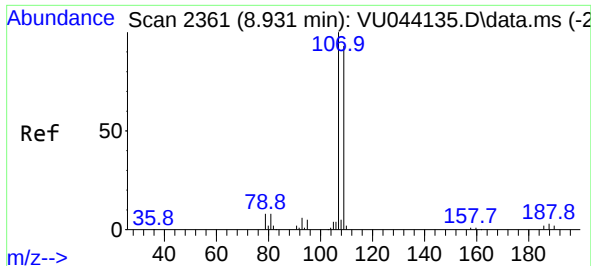
Tgt Ion: 43 Resp: 300616  
Ion Ratio Lower Upper  
43 100  
58 59.4 30.0 90.1



#60  
Dibromochloromethane  
Concen: 18.376 ug/l  
RT: 8.816 min Scan# 2325  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 129 Resp: 45280  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.6 115.7

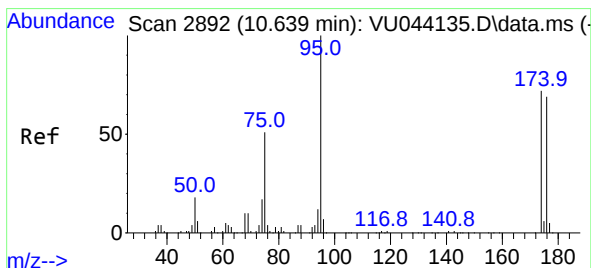
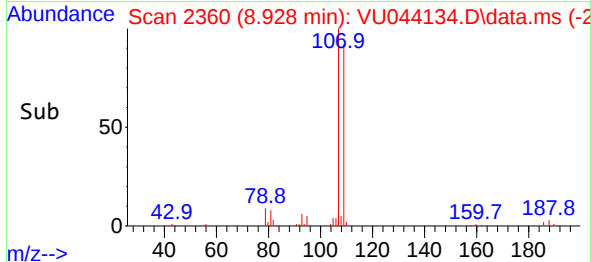
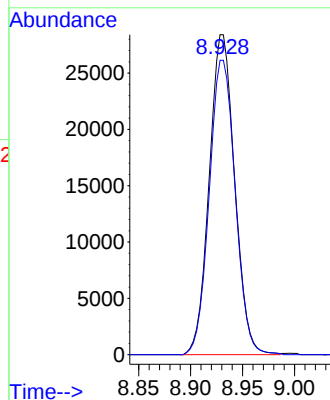
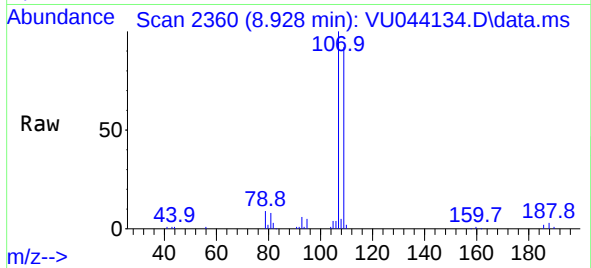




#61  
1,2-Dibromoethane  
Concen: 19.940 ug/l  
RT: 8.928 min Scan# 2360  
Delta R.T. -0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

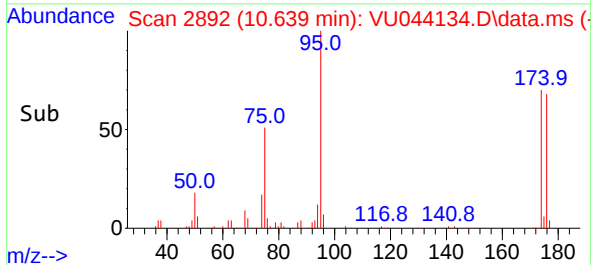
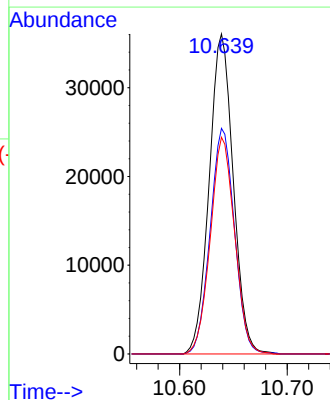
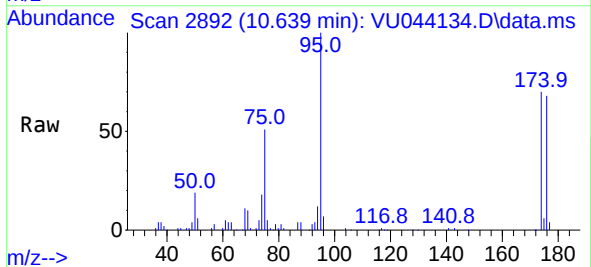
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

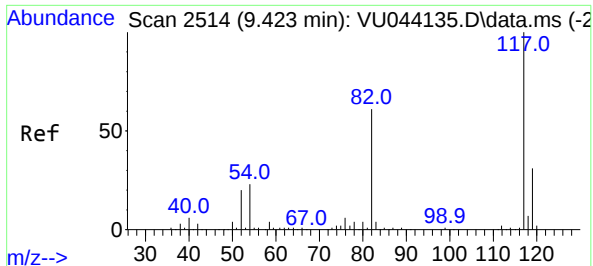
Tgt Ion:107 Resp: 48442  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 19.282 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 95 Resp: 55989  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 144.4  
176 68.5 0.0 138.0



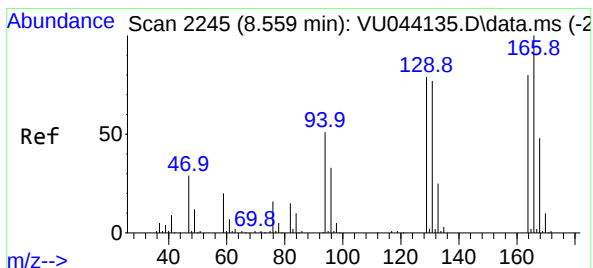
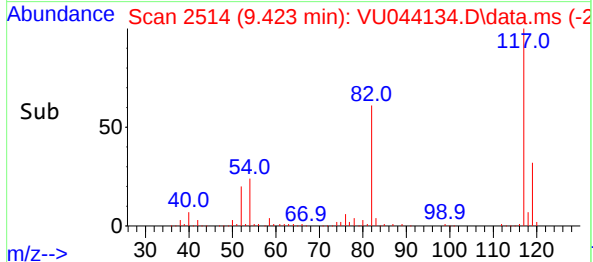
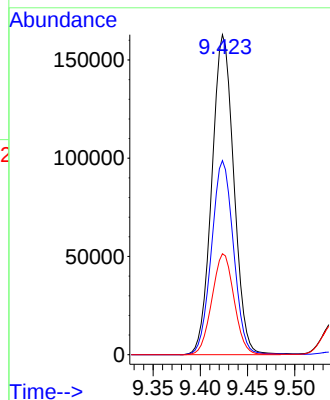
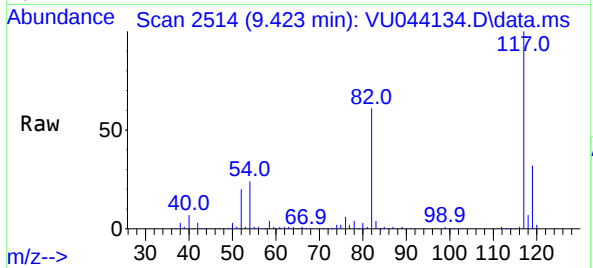


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

Tgt Ion:117 Resp: 263395

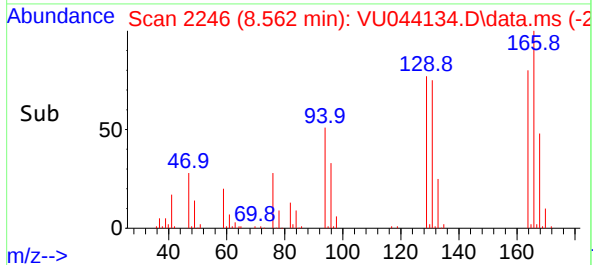
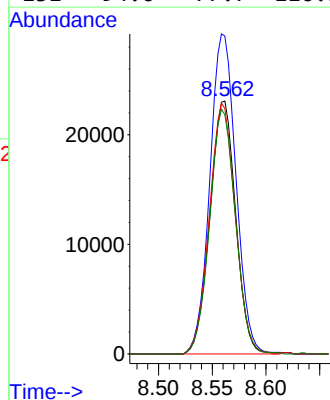
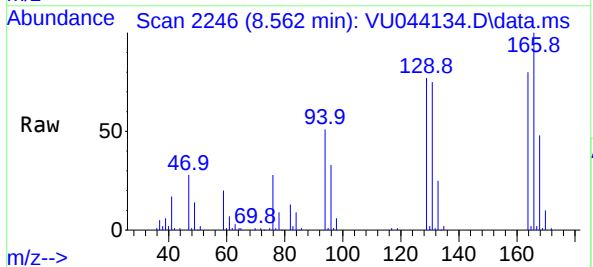
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 60.6  | 48.8  | 73.2  |
| 119 | 31.6  | 25.0  | 37.6  |

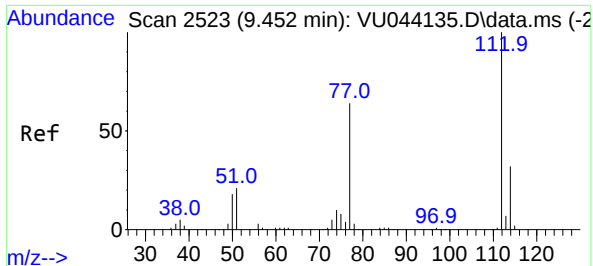


#64  
Tetrachloroethene  
Concen: 20.255 ug/l  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:164 Resp: 38365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 125.7 | 100.5 | 150.7 |
| 129 | 97.1  | 79.0  | 118.6 |
| 131 | 94.6  | 77.7  | 116.5 |

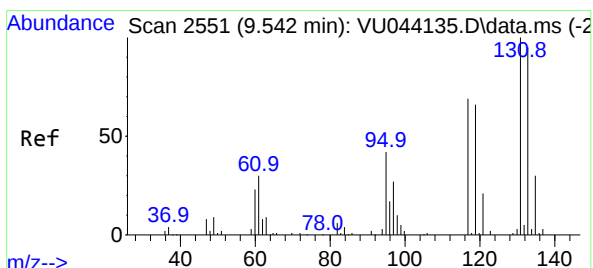
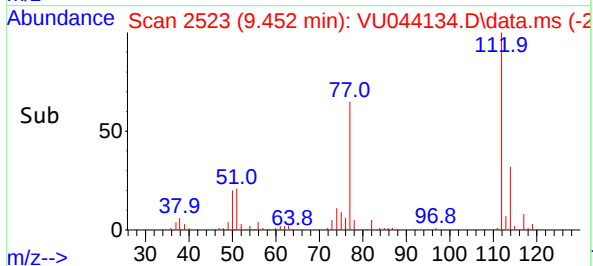
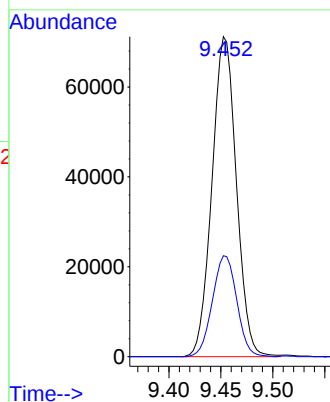
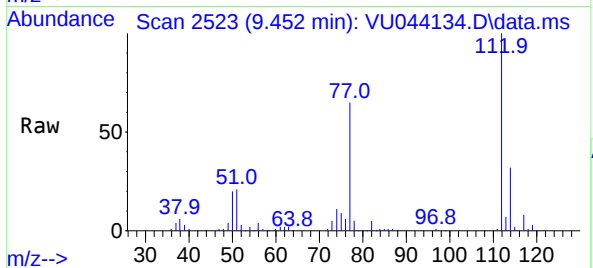




#65  
Chlorobenzene  
Concen: 20.649 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

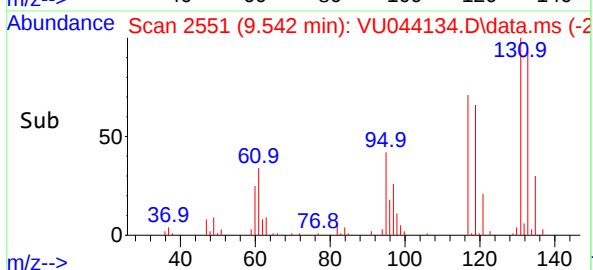
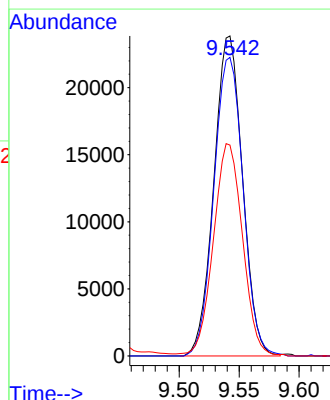
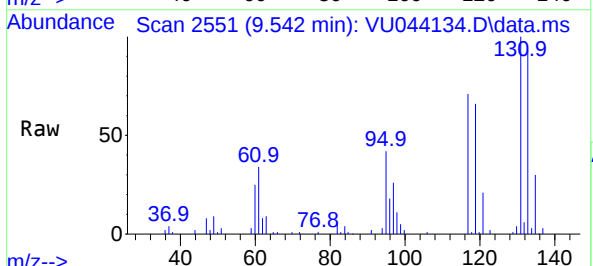
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

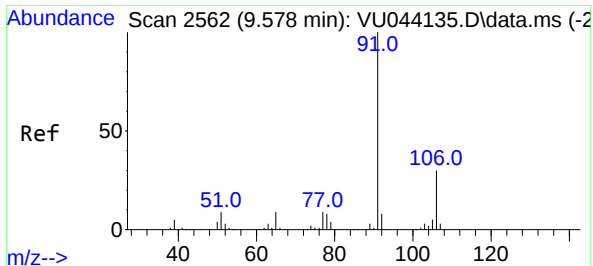
Tgt Ion:112 Resp: 116270  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.711 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:131 Resp: 39621  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.3 141.9  
119 67.6 33.2 99.6





#67

Ethyl Benzene

Concen: 21.023 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU044134.D

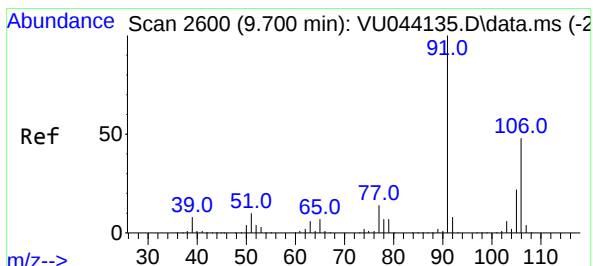
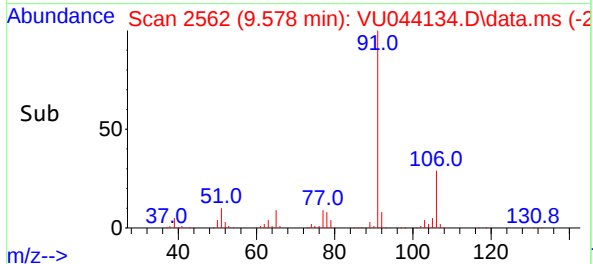
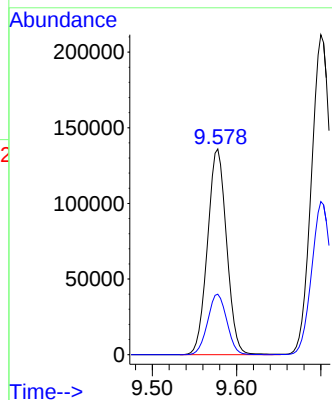
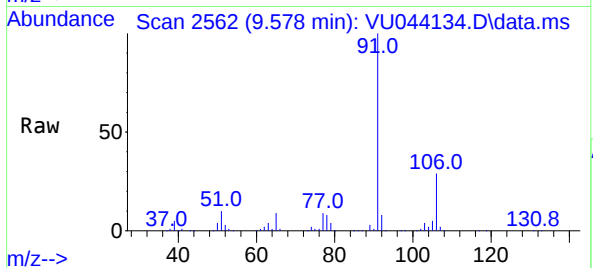
Acq: 09 Jun 2021 11:47

Tgt Ion: 91 Resp: 214435

Ion Ratio Lower Upper

91 100

106 29.4 23.9 35.9



#68

m/p-Xylenes

Concen: 43.663 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU044134.D

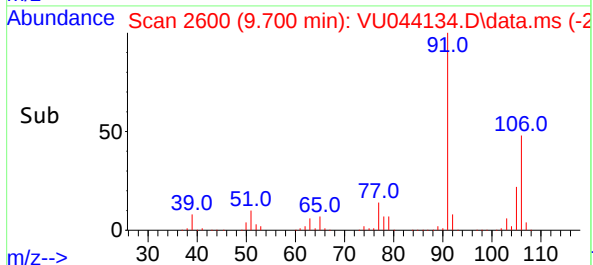
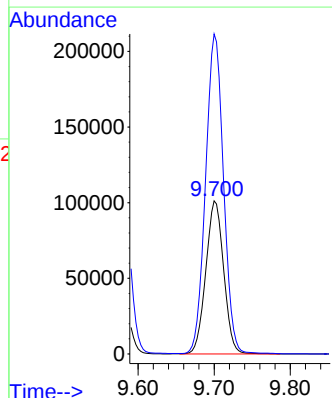
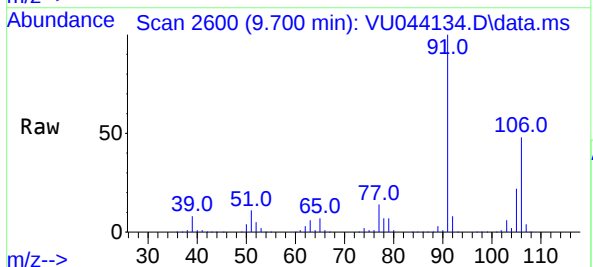
Acq: 09 Jun 2021 11:47

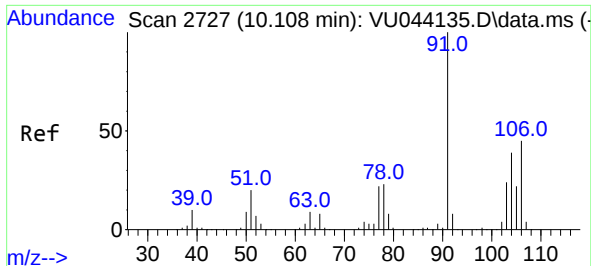
Tgt Ion: 106 Resp: 165002

Ion Ratio Lower Upper

106 100

91 209.9 167.4 251.2

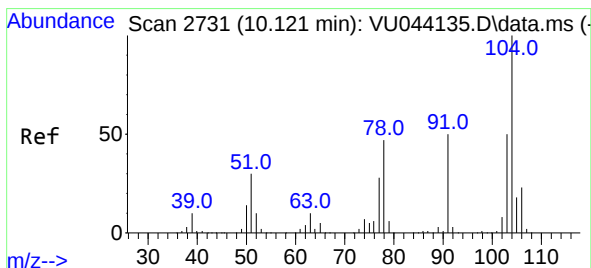
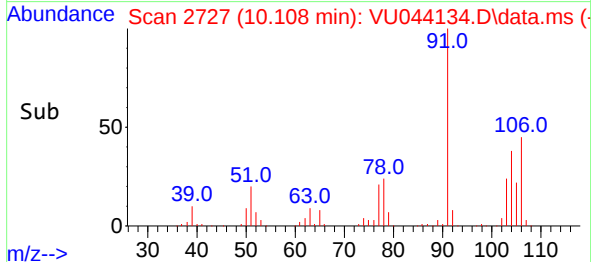
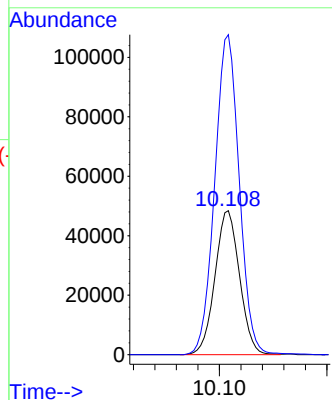
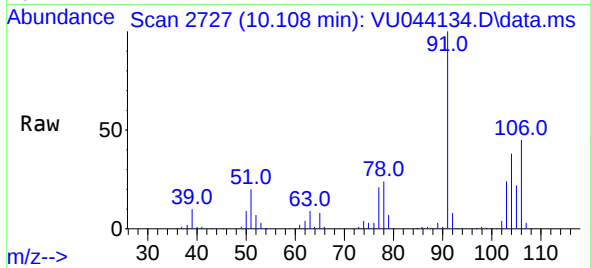




#69  
o-Xylene  
Concen: 20.893 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

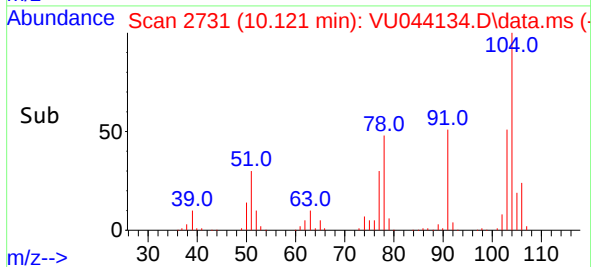
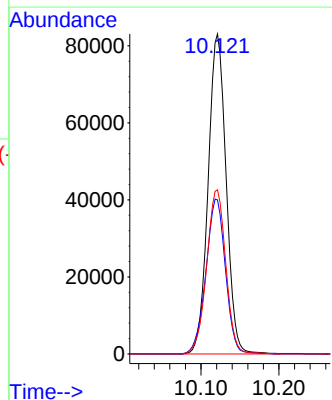
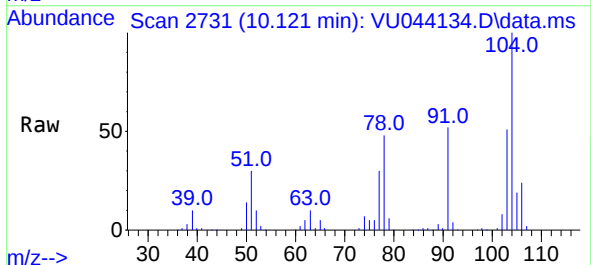
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

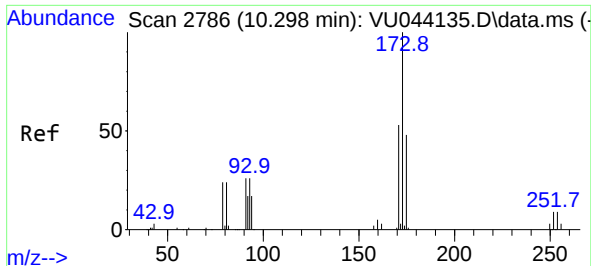
Tgt Ion:106 Resp: 76874  
Ion Ratio Lower Upper  
106 100  
91 221.6 111.8 335.3



#70  
Styrene  
Concen: 21.471 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:104 Resp: 133476  
Ion Ratio Lower Upper  
104 100  
78 52.6 41.1 61.7  
103 54.7 43.4 65.2

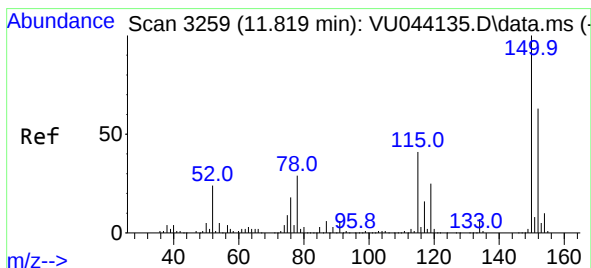
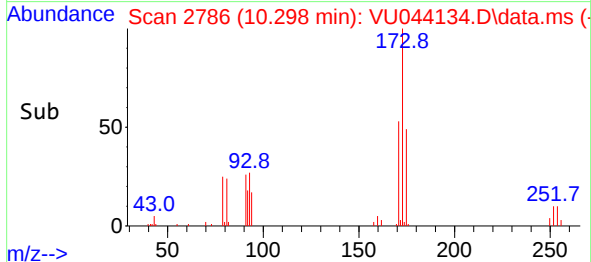
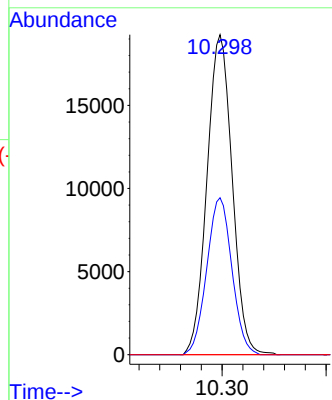
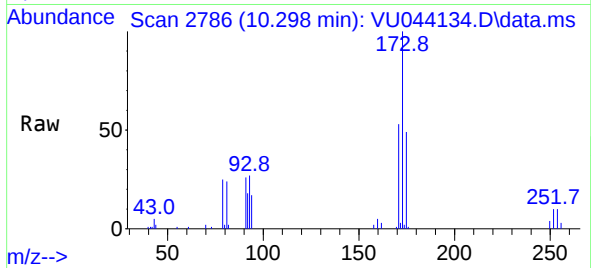




#71  
Bromoform  
Concen: 15.145 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

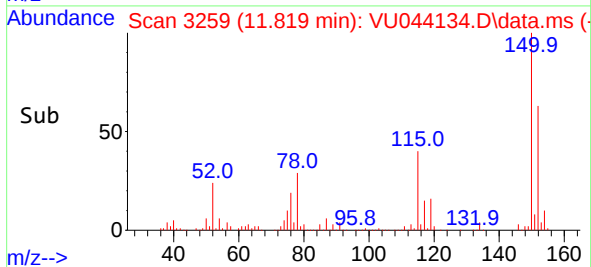
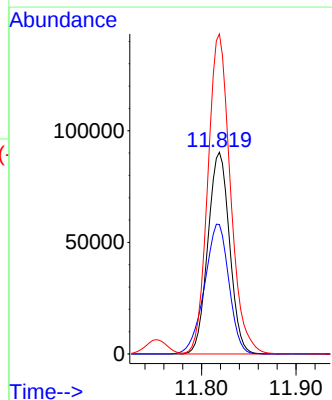
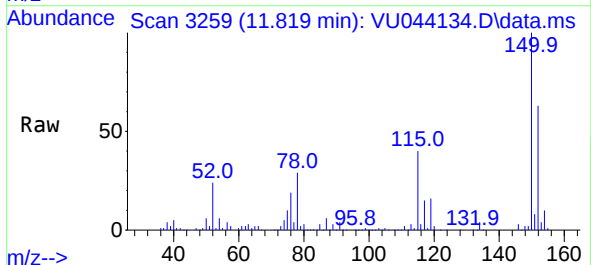
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

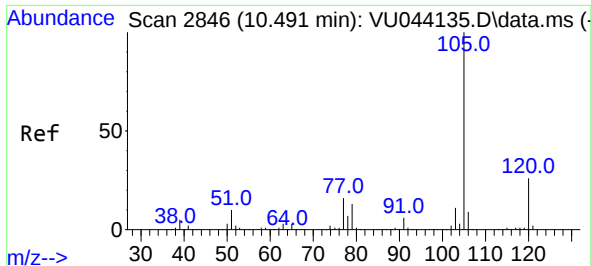
Tgt Ion:173 Resp: 32409  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.1 72.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:152 Resp: 143576  
Ion Ratio Lower Upper  
152 100  
115 72.5 43.8 131.3  
150 165.1 0.0 350.6

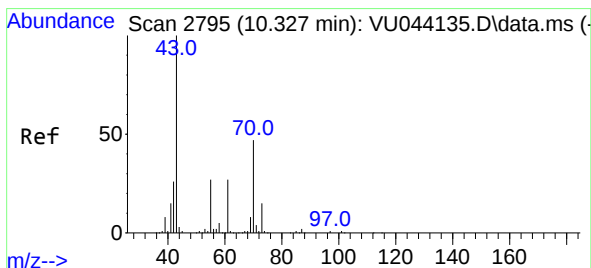
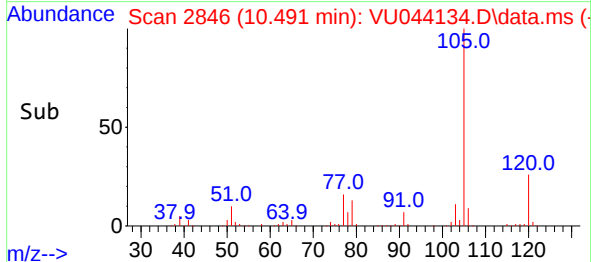
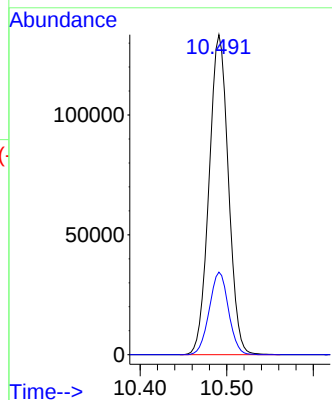
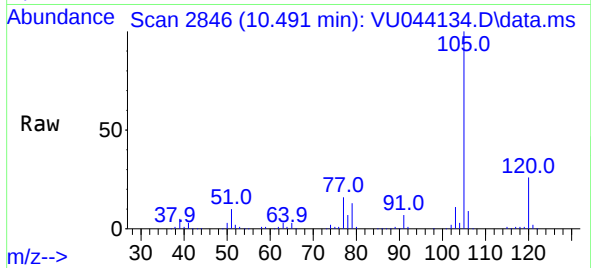




#73  
Isopropylbenzene  
Concen: 21.236 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

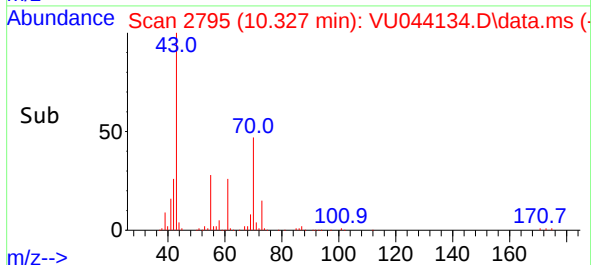
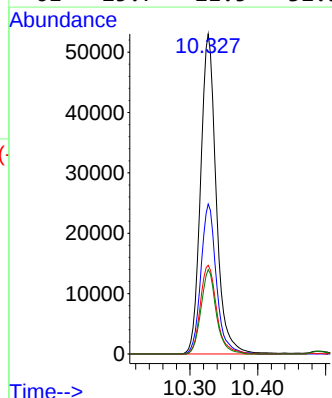
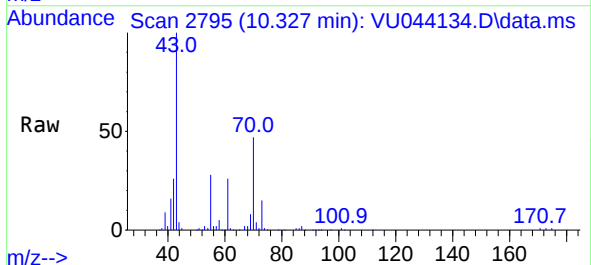
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

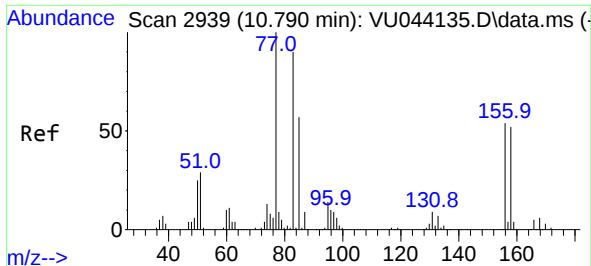
Tgt Ion:105 Resp: 207137  
Ion Ratio Lower Upper  
105 100  
120 25.6 12.8 38.4



#74  
N-ethyl acetate  
Concen: 14.277 ug/l  
RT: 10.327 min Scan# 2795  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 43 Resp: 84746  
Ion Ratio Lower Upper  
43 100  
70 46.5 37.7 56.5  
55 29.0 22.4 33.6  
61 25.7 21.5 32.3

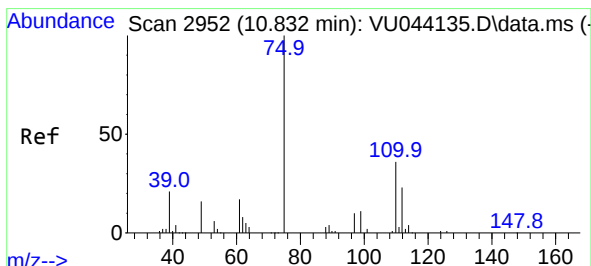
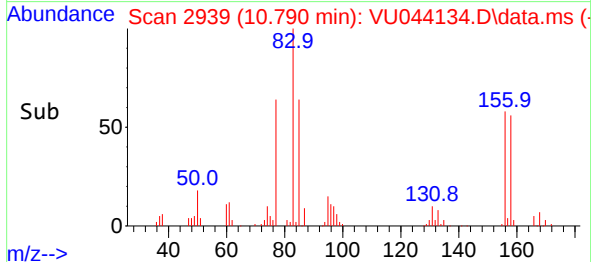
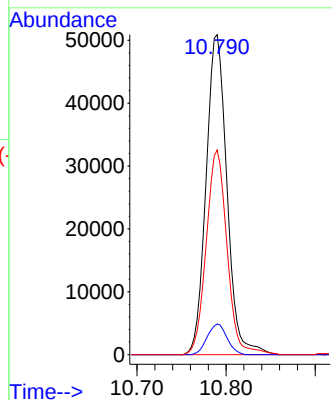
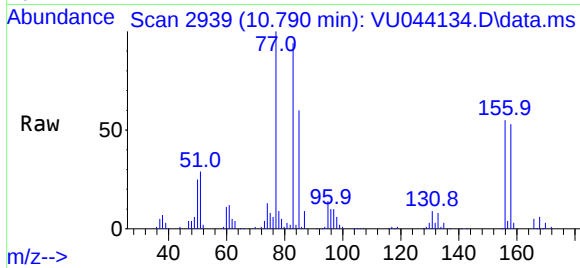




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.766 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

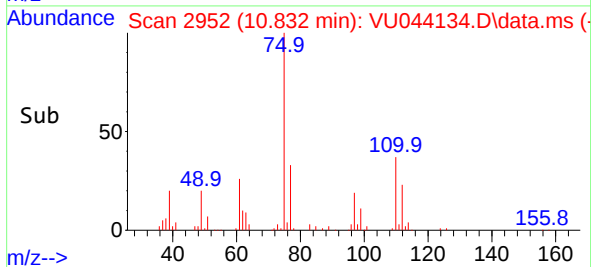
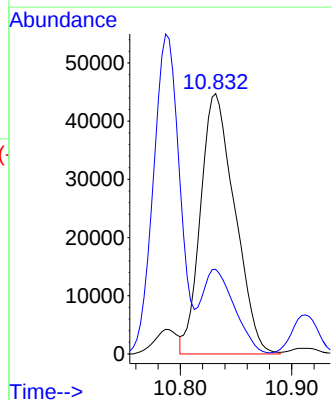
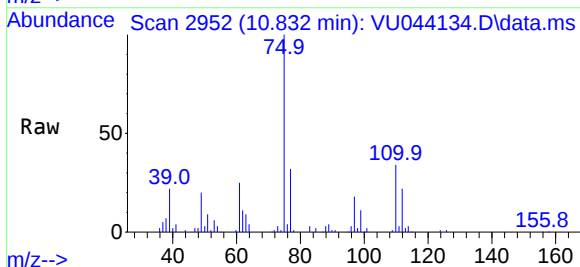
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

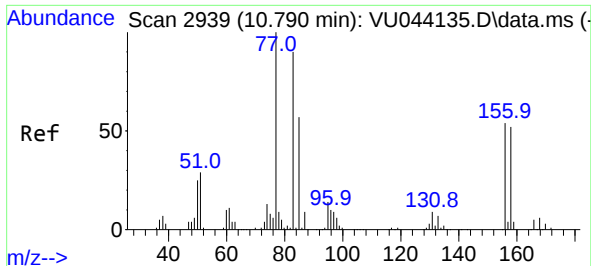
Tgt Ion: 83 Resp: 82878  
Ion Ratio Lower Upper  
83 100  
131 9.1 4.5 13.4  
85 63.8 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 21.952 ug/l  
RT: 10.832 min Scan# 2952  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 75 Resp: 95544  
Ion Ratio Lower Upper  
75 100  
77 29.4 14.9 44.5

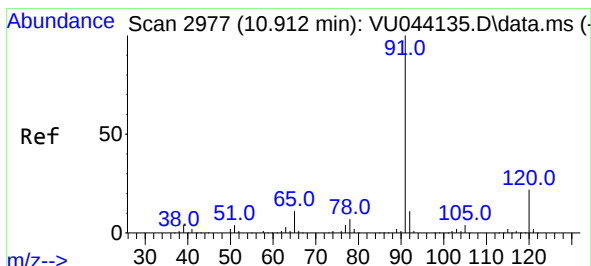
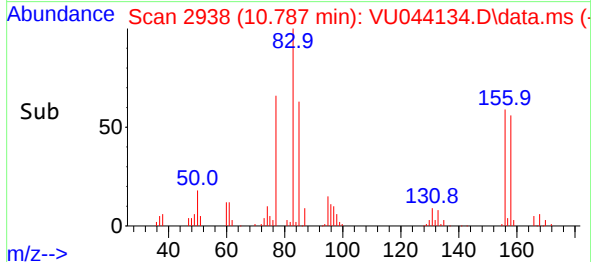
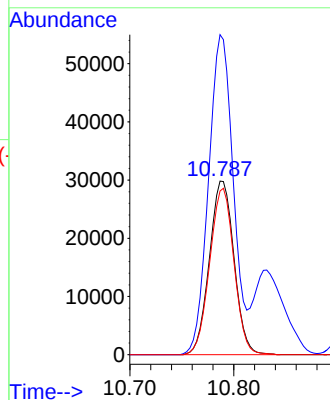
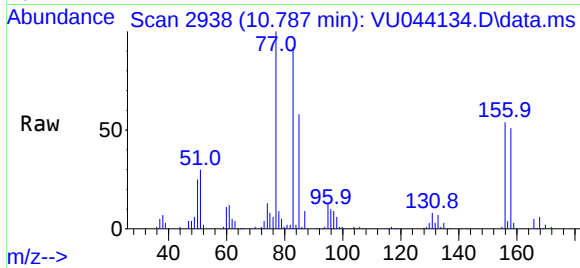




#77  
Bromobenzene  
Concen: 18.501 ug/l  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.003 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

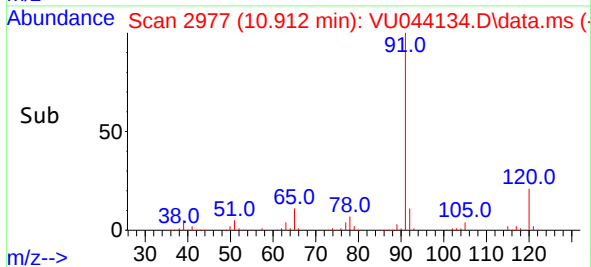
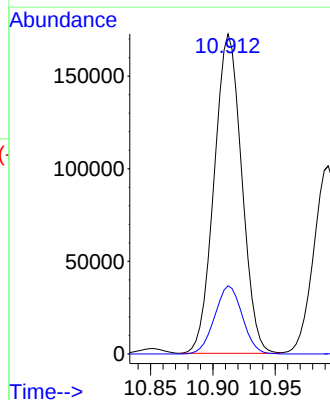
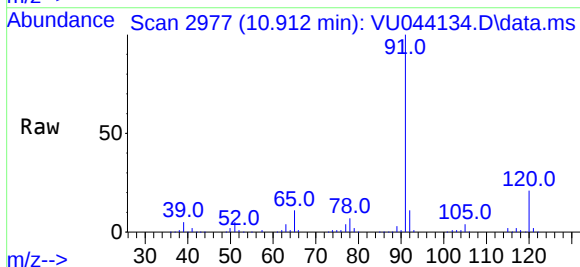
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

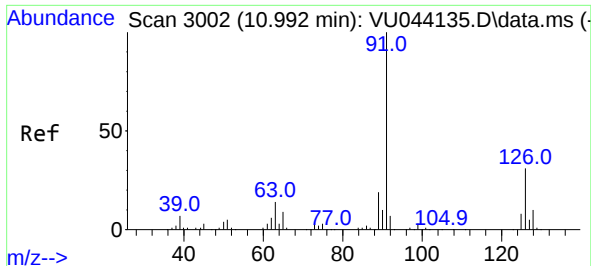
Tgt Ion:156 Resp: 49188  
Ion Ratio Lower Upper  
156 100  
77 183.5 93.2 279.5  
158 94.4 48.4 145.0



#78  
n-propylbenzene  
Concen: 22.547 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 91 Resp: 265261  
Ion Ratio Lower Upper  
91 100  
120 21.4 10.8 32.4

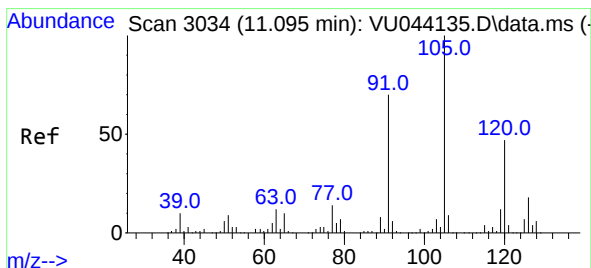
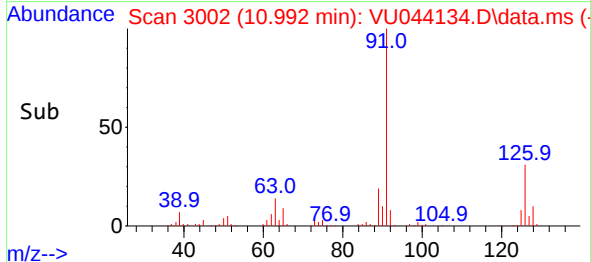
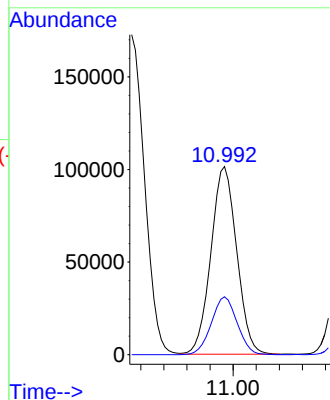
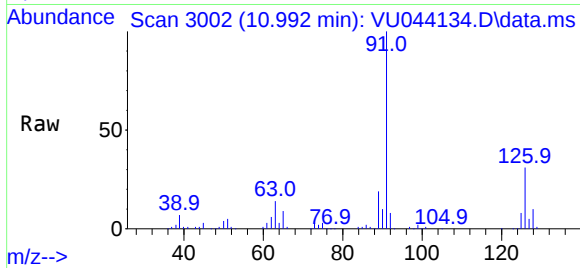




#79  
2-Chlorotoluene  
Concen: 22.033 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

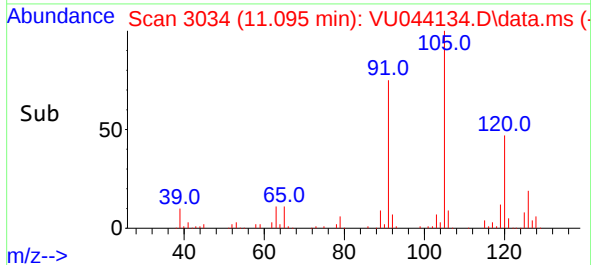
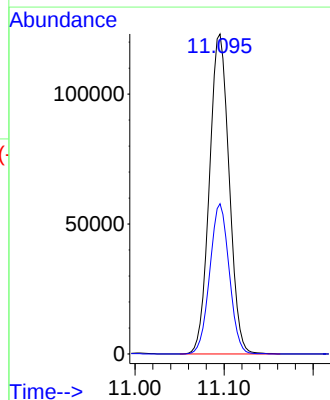
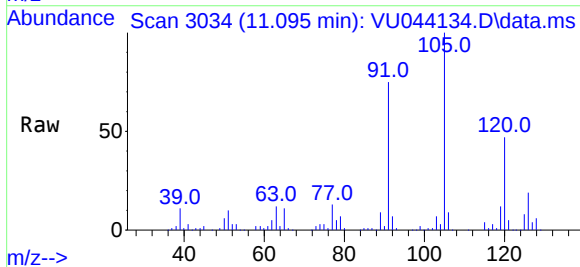
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

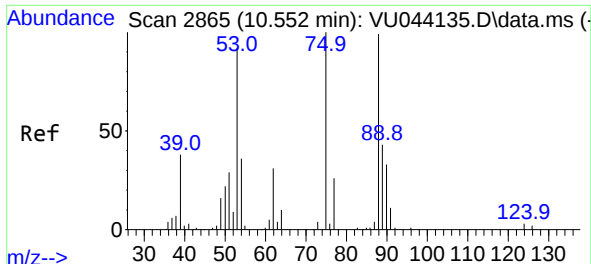
Tgt Ion: 91 Resp: 156966  
Ion Ratio Lower Upper  
91 100  
126 30.9 15.4 46.4



#80  
1,3,5-Trimethylbenzene  
Concen: 21.990 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 105 Resp: 188823  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.5 70.5

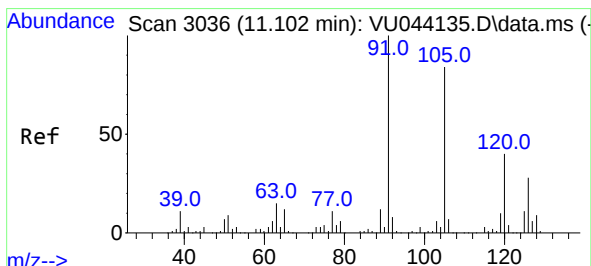
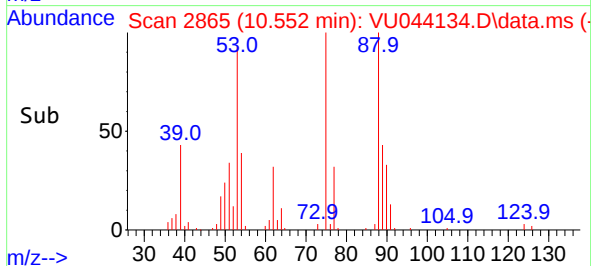
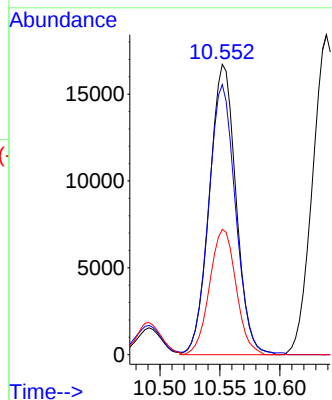
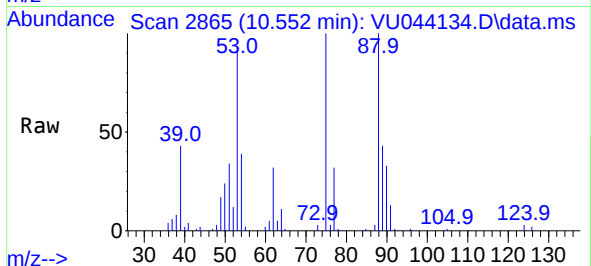




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.181 ug/l  
RT: 10.552 min Scan# 2865  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

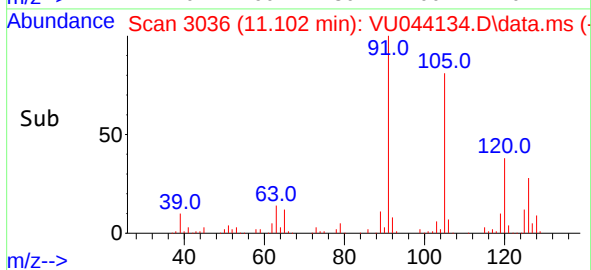
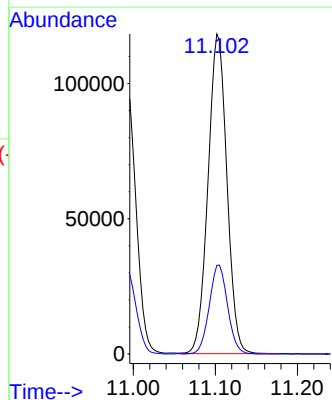
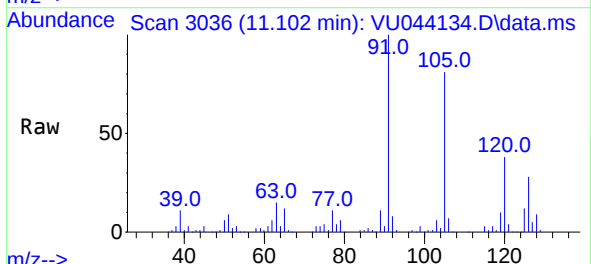
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

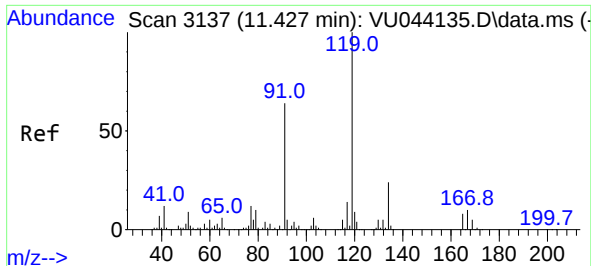
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 25710 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 94.6  | 74.2  | 111.2 |
| 89       | 43.1  | 35.0  | 52.6  |



#82  
4-Chlorotoluene  
Concen: 22.099 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 189037 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 27.0  | 13.7  | 41.0   |

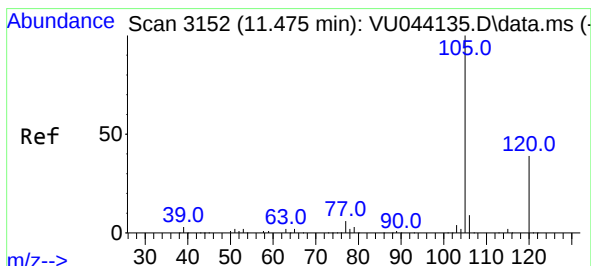
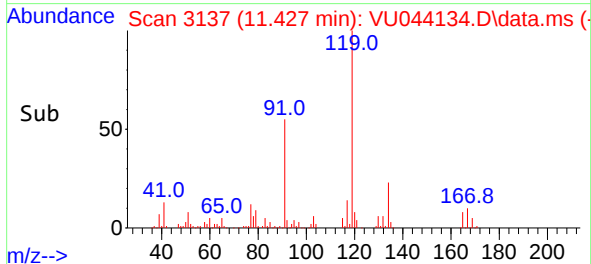
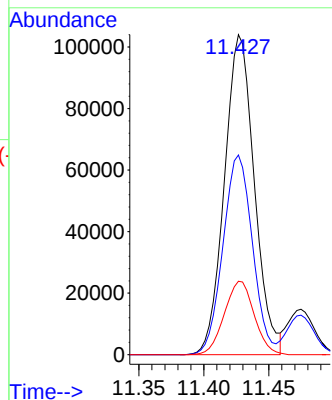
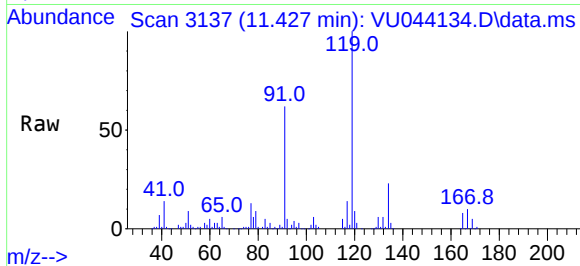




#83  
tert-Butylbenzene  
Concen: 19.934 ug/l  
RT: 11.427 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

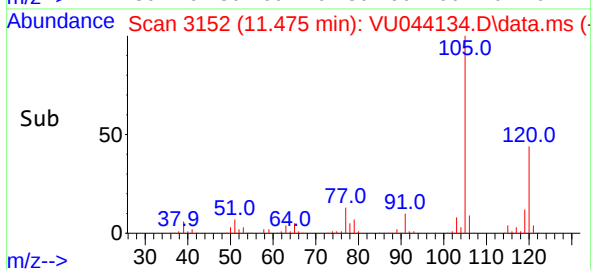
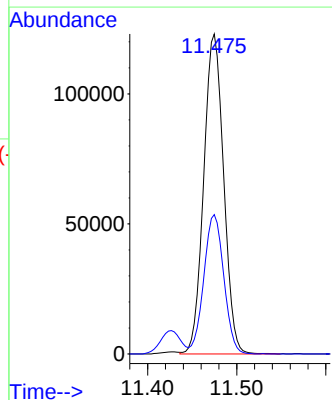
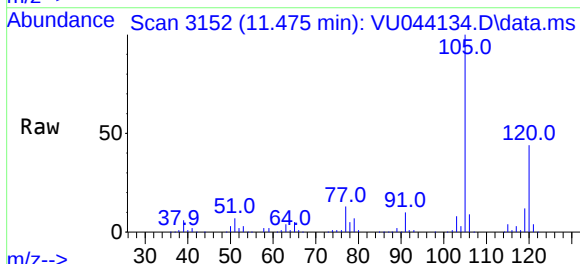
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

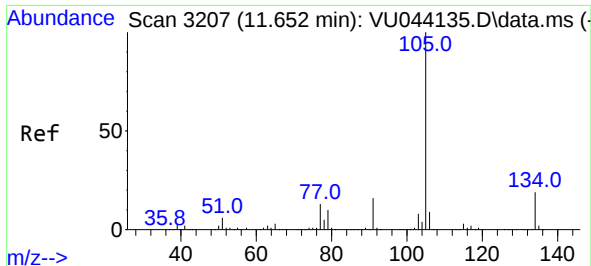
Tgt Ion:119 Resp: 167041  
Ion Ratio Lower Upper  
119 100  
91 61.4 30.3 90.8  
134 22.8 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 21.636 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:105 Resp: 191155  
Ion Ratio Lower Upper  
105 100  
120 43.6 21.9 65.8

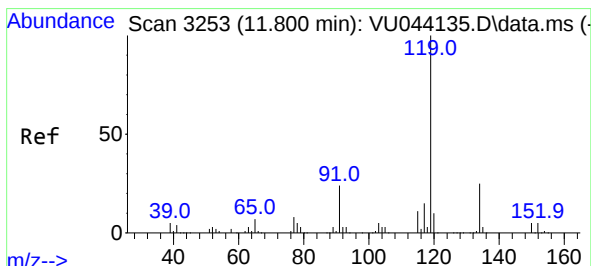
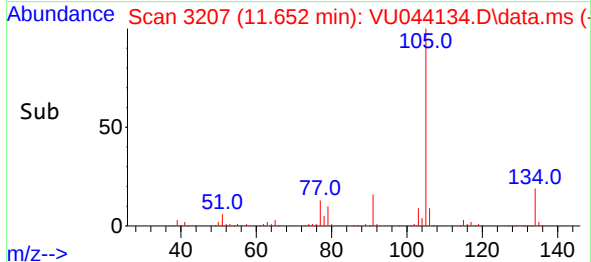
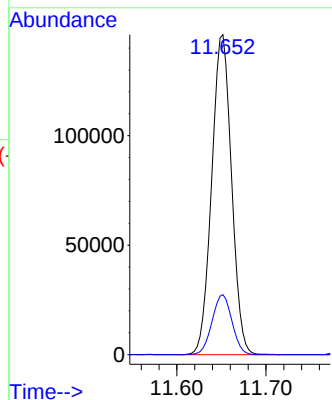
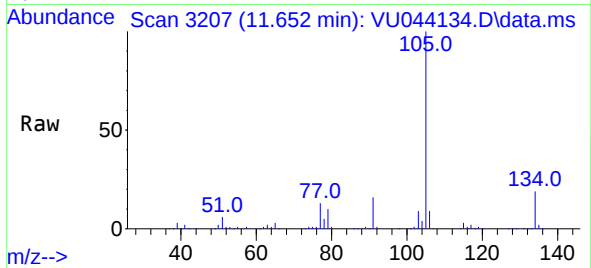




#85  
sec-Butylbenzene  
Concen: 22.530 ug/l  
RT: 11.652 min Scan# 3207  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

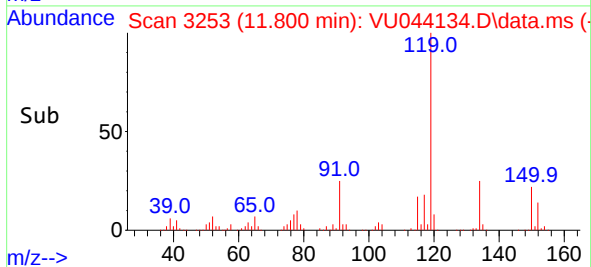
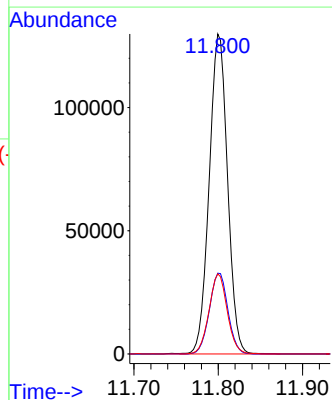
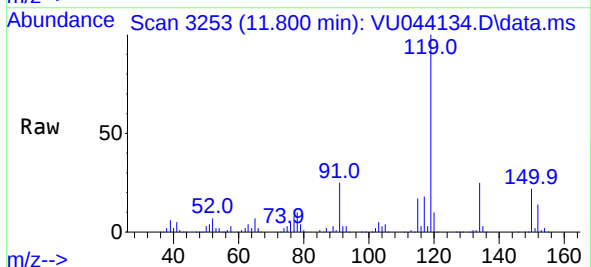
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

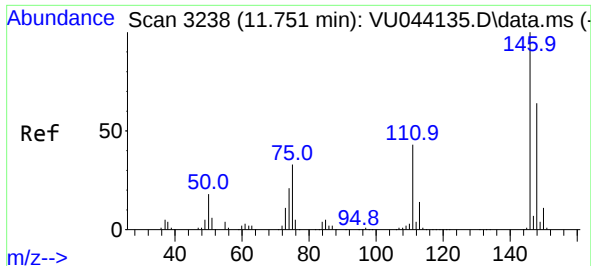
Tgt Ion:105 Resp: 225633  
Ion Ratio Lower Upper  
105 100  
134 18.8 9.4 28.2



#86  
p-Isopropyltoluene  
Concen: 21.498 ug/l  
RT: 11.800 min Scan# 3253  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:119 Resp: 196311  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.6 37.6  
91 24.9 12.3 36.8



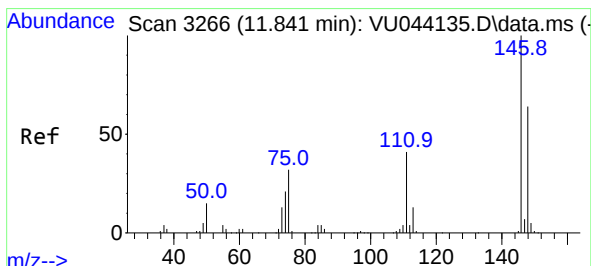
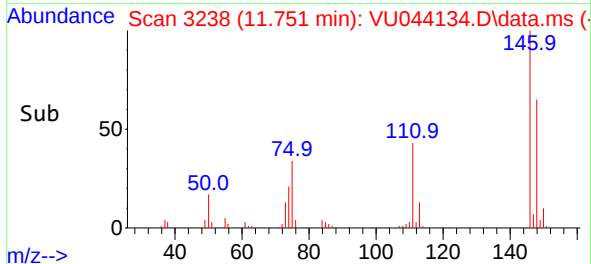
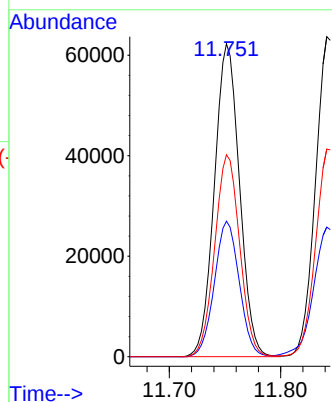
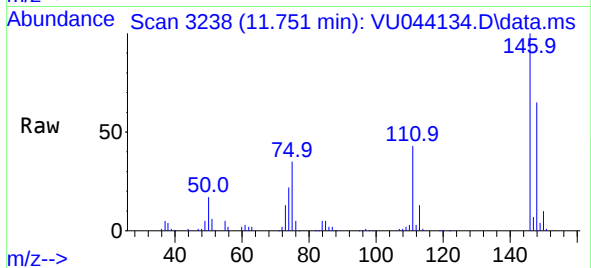


#87

1,3-Dichlorobenzene  
Concen: 20.058 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

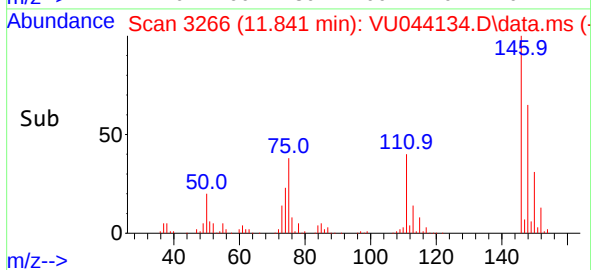
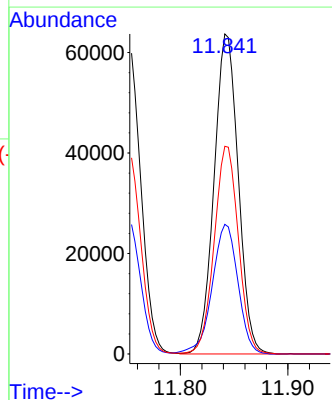
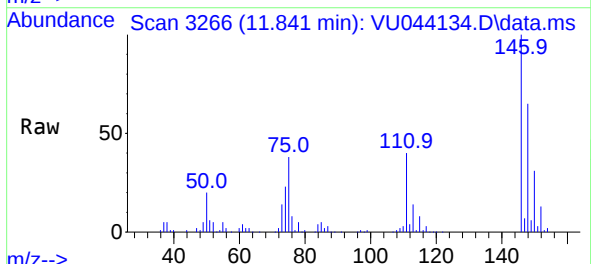
Tgt Ion:146 Resp: 97528  
Ion Ratio Lower Upper  
146 100  
111 43.0 21.6 64.8  
148 64.3 31.9 95.7

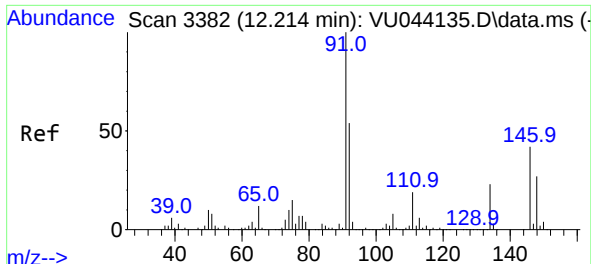


#88

1,4-Dichlorobenzene  
Concen: 19.661 ug/l  
RT: 11.841 min Scan# 3266  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:146 Resp: 99500  
Ion Ratio Lower Upper  
146 100  
111 43.1 20.9 62.8  
148 65.1 32.2 96.6



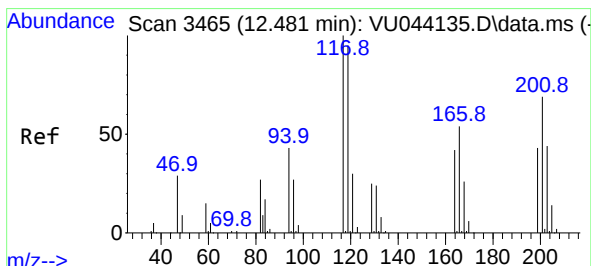
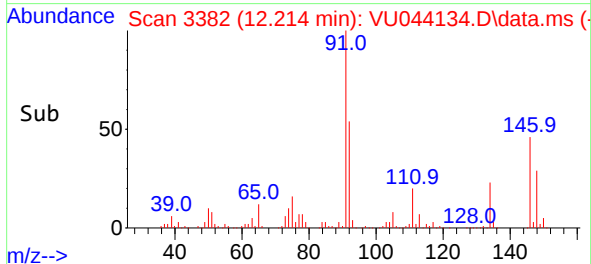
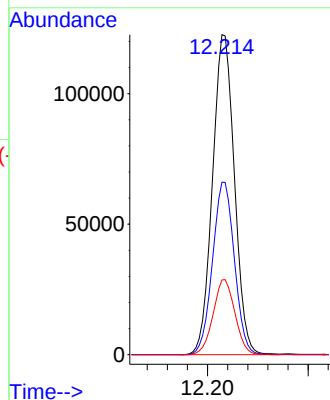
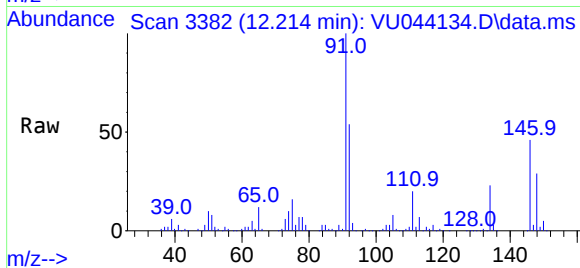


#89  
n-Butylbenzene  
Concen: 21.656 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

Tgt Ion: 91 Resp: 185750

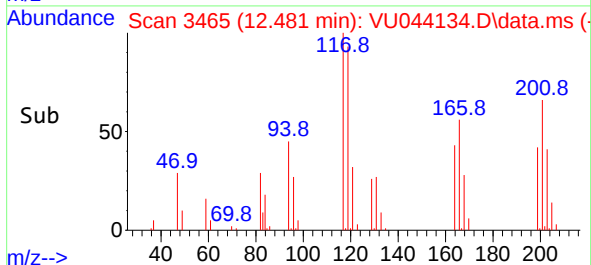
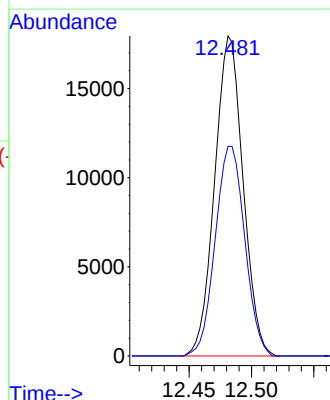
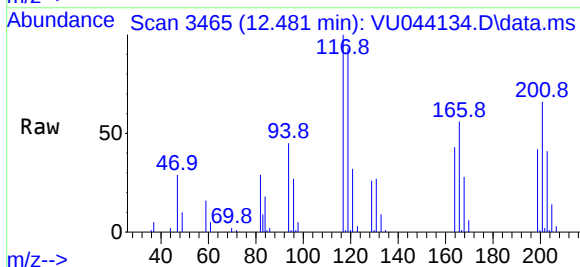
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.8  | 27.1  | 81.2  |
| 134 | 23.3  | 11.9  | 35.5  |

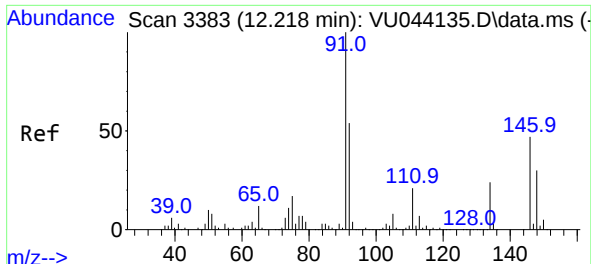


#90  
Hexachloroethane  
Concen: 17.210 ug/l  
RT: 12.481 min Scan# 3465  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion: 117 Resp: 28482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 68.1  | 35.4  | 106.3 |

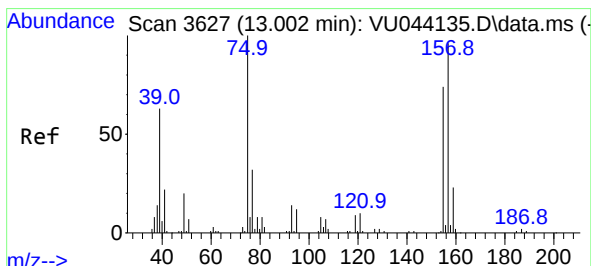
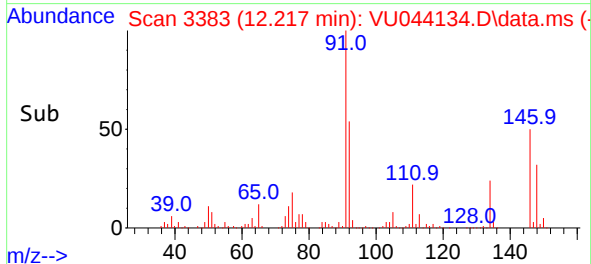
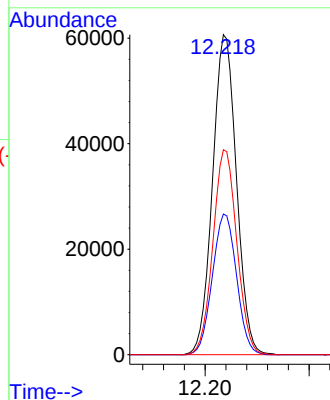
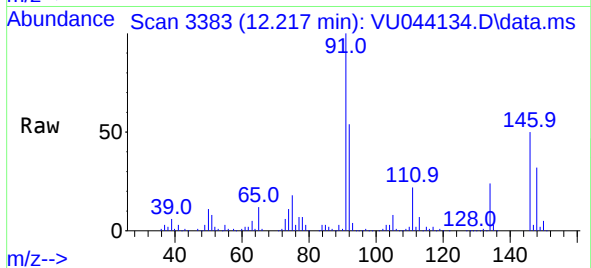




#91  
1,2-Dichlorobenzene  
Concen: 19.626 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

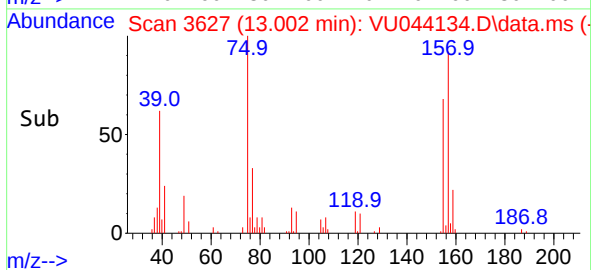
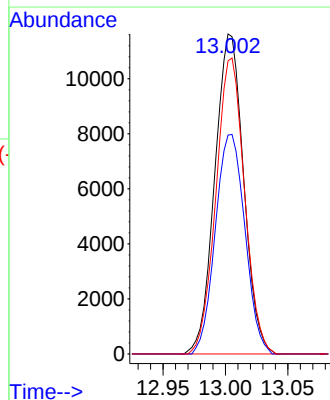
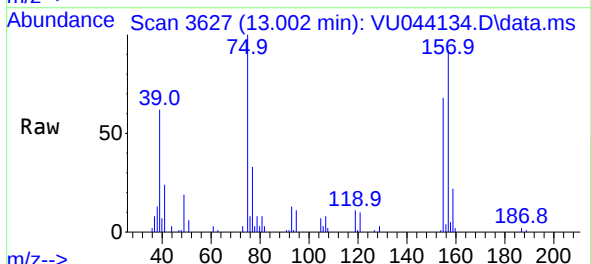
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020

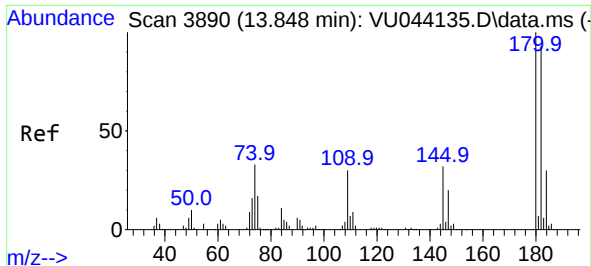
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 96991 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 44.4  | 22.1  | 66.5  |
| 148      | 64.0  | 31.9  | 95.5  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.267 ug/l  
RT: 13.002 min Scan# 3627  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 18666 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 70.5  | 38.2  | 114.6 |
| 157      | 91.7  | 48.3  | 144.9 |

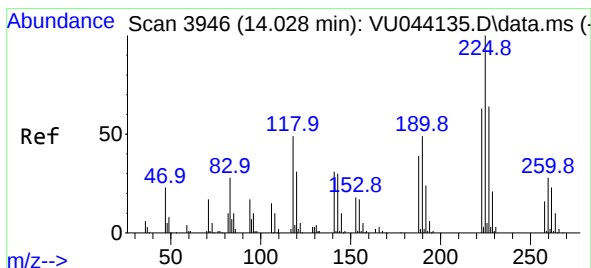
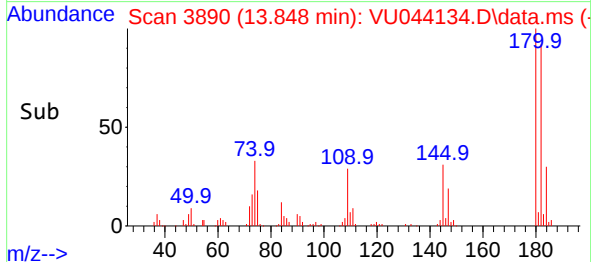
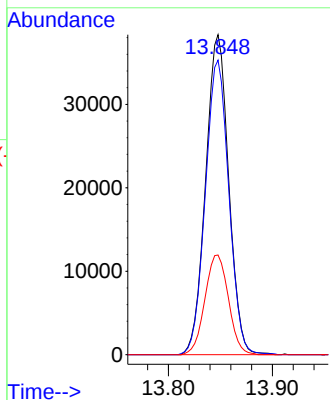
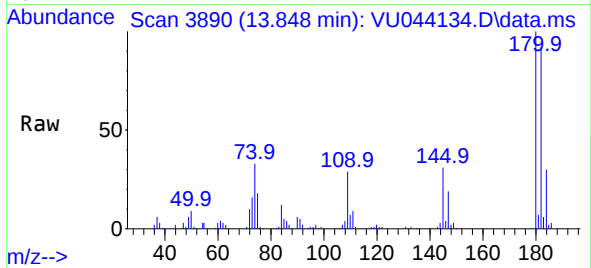




#93  
1,2,4-Trichlorobenzene  
Concen: 17.896 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

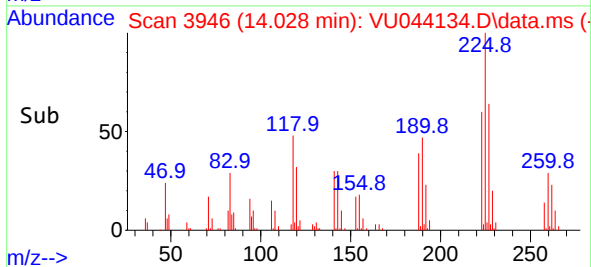
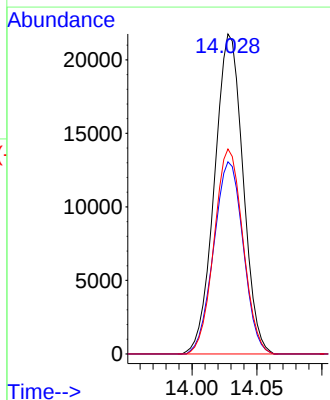
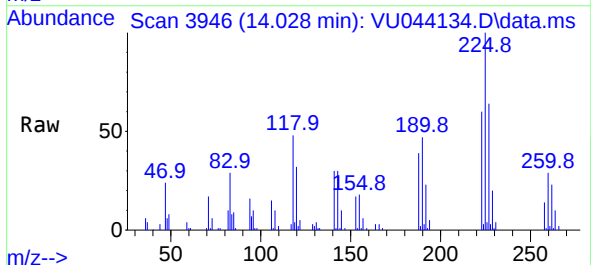
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MSVOA\_U  
ClientSampleId :  
VSTDIC020

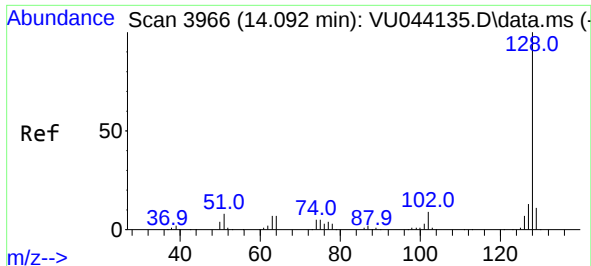
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 59078 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.8  | 47.3  | 141.8 |
| 145       | 31.8  | 16.1  | 48.2  |



#94  
Hexachlorobutadiene  
Concen: 18.596 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

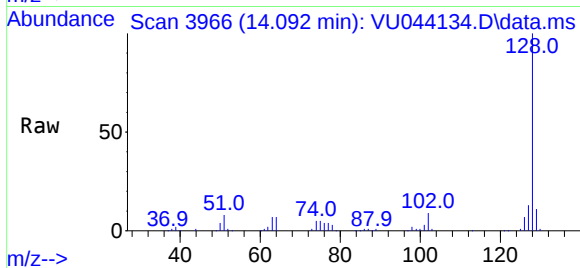
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 33169 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.1  | 31.2  | 93.6  |
| 227       | 64.7  | 32.2  | 96.6  |



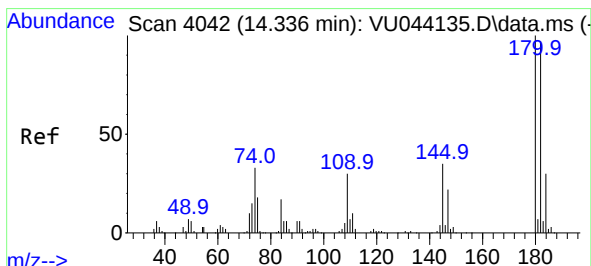
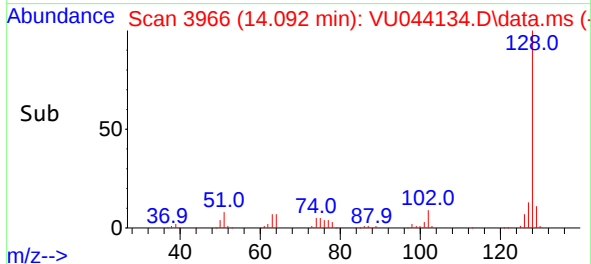
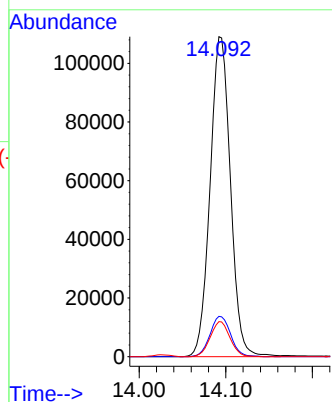


#95  
Naphthalene  
Concen: 17.690 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC020



Tgt Ion:128 Resp: 177738  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.7 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 18.038 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU044134.D  
Acq: 09 Jun 2021 11:47

Tgt Ion:180 Resp: 58334  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.9 143.7  
145 33.4 17.2 51.6

