

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060821\  
 Data File : VU044116.D  
 Acq On : 08 Jun 2021 16:33  
 Operator : SY/MD  
 Sample : VU0608WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 08 23:13:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 17:38:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 229269   | 50.000 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 405209   | 50.000 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 401787   | 50.000 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 218001   | 50.000 | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 178006   | 44.581 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 89.160% |          |
| 35) Dibromofluoromethane     | 5.298  | 113  | 136378   | 47.163 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 94.320% |          |
| 50) Toluene-d8               | 7.906  | 98   | 534303   | 47.904 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 95.800% |          |
| 62) 4-Bromofluorobenzene     | 10.639 | 95   | 212204   | 48.054 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 96.100% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        | Qvalue  |          |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 63121    | 18.478 | ug/l    | 100      |
| 3) Chloromethane             | 1.523  | 50   | 79770    | 17.698 | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.610  | 62   | 74281    | 17.498 | ug/l    | 98       |
| 5) Bromomethane              | 1.835  | 94   | 29019    | 16.489 | ug/l    | 100      |
| 6) Chloroethane              | 1.922  | 64   | 45548    | 17.546 | ug/l    | 96       |
| 7) Trichlorofluoromethane    | 2.134  | 101  | 89777    | 18.400 | ug/l    | 96       |
| 8) Diethyl Ether             | 2.382  | 74   | 36927    | 17.587 | ug/l    | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.584  | 101  | 53405    | 18.102 | ug/l    | 99       |
| 10) Methyl Iodide            | 2.726  | 142  | 62645    | 18.215 | ug/l    | 97       |
| 11) Tert butyl alcohol       | 3.205  | 59   | 97539    | 98.533 | ug/l    | 96       |
| 12) 1,1-Dichloroethene       | 2.584  | 96   | 52380    | 18.563 | ug/l    | 97       |
| 13) Acrolein                 | 2.491  | 56   | 53346    | 68.544 | ug/l    | 98       |
| 14) Allyl chloride           | 2.928  | 41   | 95825    | 16.620 | ug/l    | 98       |
| 15) Acrylonitrile            | 3.321  | 53   | 196041   | 89.190 | ug/l    | 99       |
| 16) Acetone                  | 2.633  | 43   | 179700   | 77.977 | ug/l    | 98       |
| 17) Carbon Disulfide         | 2.797  | 76   | 164159   | 17.467 | ug/l    | 99       |
| 18) Methyl Acetate           | 2.954  | 43   | 90551    | 17.818 | ug/l    | 97       |
| 19) Methyl tert-butyl Ether  | 3.372  | 73   | 165051   | 19.110 | ug/l    | 99       |
| 20) Methylene Chloride       | 3.051  | 84   | 67029    | 18.318 | ug/l    | 96       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 58591    | 18.512 | ug/l    | 95       |
| 22) Diisopropyl ether        | 3.999  | 45   | 180056   | 18.363 | ug/l    | 90       |
| 23) Vinyl Acetate            | 3.964  | 43   | 824780   | 89.188 | ug/l    | 98       |
| 24) 1,1-Dichloroethane       | 3.880  | 63   | 113088   | 17.624 | ug/l    | 99       |
| 25) 2-Butanone               | 4.710  | 43   | 287433   | 87.418 | ug/l    | 99       |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 86421    | 18.780 | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene   | 4.674  | 96   | 65982    | 18.851 | ug/l    | 96       |
| 28) Bromochloromethane       | 4.980  | 49   | 56390    | 17.254 | ug/l    | 92       |
| 29) Tetrahydrofuran          | 5.057  | 42   | 164537   | 90.147 | ug/l    | 95       |
| 30) Chloroform               | 5.096  | 83   | 112312   | 18.197 | ug/l    | 100      |
| 31) Cyclohexane              | 5.395  | 56   | 97241    | 17.644 | ug/l    | 95       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 90877    | 18.321 | ug/l    | 98       |
| 36) 1,1-Dichloropropene      | 5.533  | 75   | 83120    | 18.207 | ug/l    | 99       |
| 37) Ethyl Acetate            | 4.809  | 43   | 102564   | 17.834 | ug/l    | 98       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 77300    | 18.740 | ug/l    | 99       |
| 39) Methylcyclohexane        | 6.771  | 83   | 85866    | 18.207 | ug/l    | 97       |
| 40) Benzene                  | 5.784  | 78   | 258310   | 18.773 | ug/l    | 99       |

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 Sample : VU0608WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 08 23:13:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 17:38:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.980  | 41   | 54722    | 18.099  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.800  | 62   | 90261    | 18.378  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.919  | 43   | 144693   | 17.793  | ug/l   | 98       |
| 44) Trichloroethene           | 6.549  | 130  | 58502    | 19.242  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 6.796  | 63   | 68881    | 18.342  | ug/l   | 97       |
| 46) Dibromomethane            | 6.925  | 93   | 44739    | 18.733  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.112  | 83   | 86748    | 18.272  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.967  | 41   | 71160    | 17.746  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.973  | 88   | 38742    | 392.967 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 562723   | 93.177  | ug/l   | 98       |
| 52) Toluene                   | 7.976  | 92   | 157222   | 19.579  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.218  | 75   | 94507    | 18.695  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 102362   | 18.336  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.407  | 97   | 65262    | 19.163  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 97025    | 18.329  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.584  | 76   | 114096   | 18.559  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 152059   | 99.021  | ug/l   | 97       |
| 59) 2-Hexanone                | 8.693  | 43   | 442706   | 94.331  | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.819  | 129  | 63378    | 18.677  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.931  | 107  | 68326    | 19.598  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.558  | 164  | 52803    | 20.470  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.452  | 112  | 164268   | 19.401  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 57373    | 19.192  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.578  | 91   | 293780   | 19.100  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.700  | 106  | 225783   | 39.610  | ug/l   | 98       |
| 69) o-Xylene                  | 10.108 | 106  | 106313   | 19.470  | ug/l   | 99       |
| 70) Styrene                   | 10.121 | 104  | 185250   | 19.827  | ug/l   | 99       |
| 71) Bromoform                 | 10.298 | 173  | 49366    | 18.925  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.491 | 105  | 290686   | 19.815  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.327 | 43   | 118814   | 17.691  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 122737   | 18.408  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.832 | 75   | 140462   | 23.033  | ug/l   | 94       |
| 77) Bromobenzene              | 10.790 | 156  | 71201    | 20.141  | ug/l   | 95       |
| 78) n-propylbenzene           | 10.912 | 91   | 367573   | 19.420  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 218980   | 19.296  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 260214   | 19.933  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.552 | 75   | 36205    | 17.335  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 260672   | 19.626  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.426 | 119  | 236680   | 19.523  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 260233   | 19.079  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.648 | 105  | 315500   | 19.947  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.799 | 119  | 268001   | 19.941  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 137373   | 19.498  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 140152   | 18.838  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.214 | 91   | 249663   | 18.376  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.481 | 117  | 41239    | 17.896  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 134182   | 19.187  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 26403    | 18.067  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 78494    | 19.162  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 45922    | 19.664  | ug/l   | 96       |
| 95) Naphthalene               | 14.092 | 128  | 241676   | 18.177  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 76734    | 19.446  | ug/l   | 98       |

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Sample : VU0608WBS02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

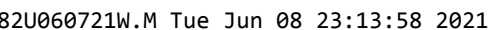
Instrument :  
MSVOA\_U  
ClientSampleId :

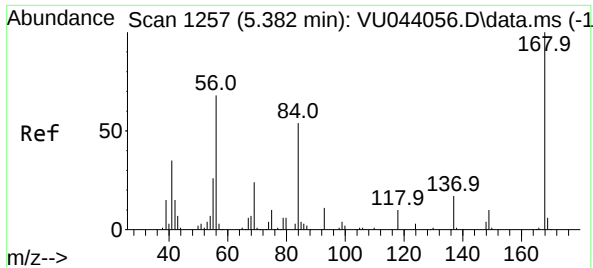
Quant Time: Jun 08 23:13:54 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 08 17:38:51 2021  
Response via : Initial Calibration

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

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

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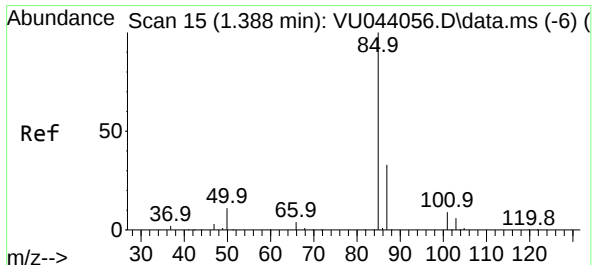
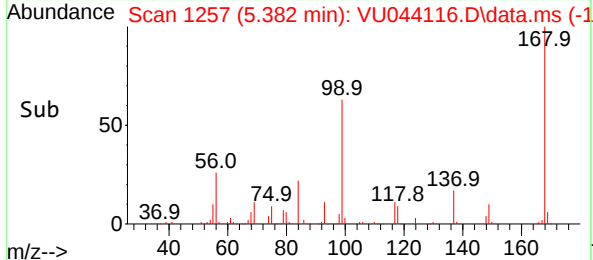
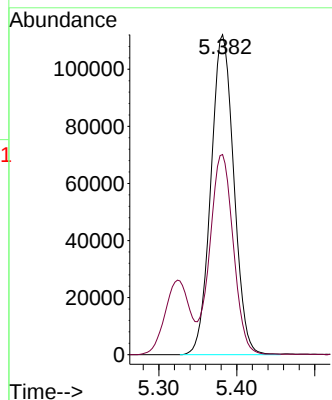
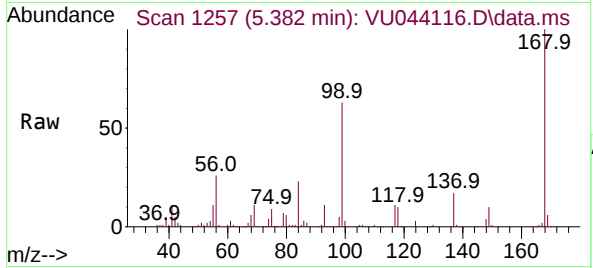




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

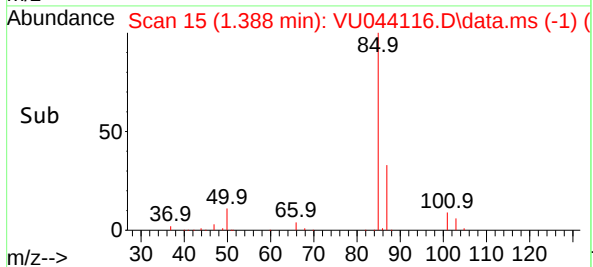
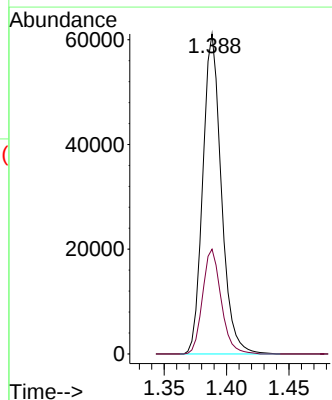
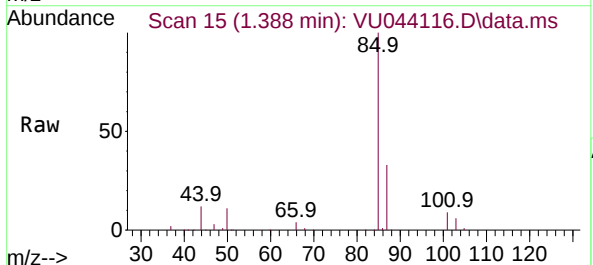
Instrument :  
MSVOA\_U  
ClientSampleId :

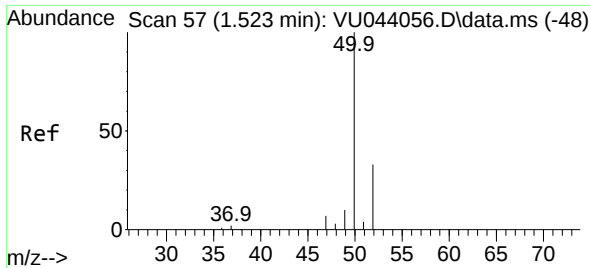
Tgt Ion:168 Resp: 229269  
Ion Ratio Lower Upper  
168 100  
99 62.4 52.6 78.8



#2  
Dichlorodifluoromethane  
Concen: 18.478 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 85 Resp: 63121  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.4 49.4

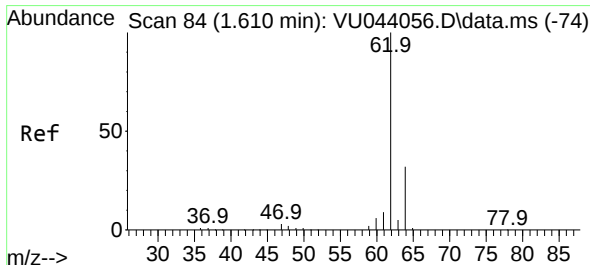
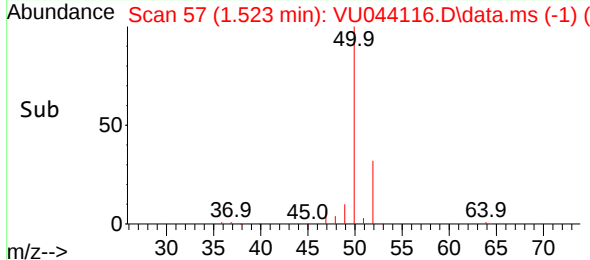
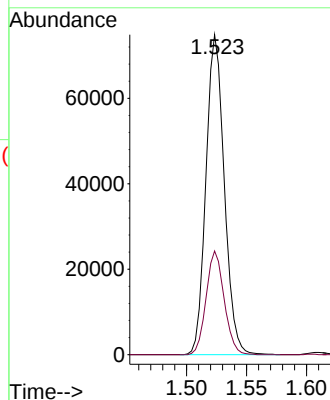
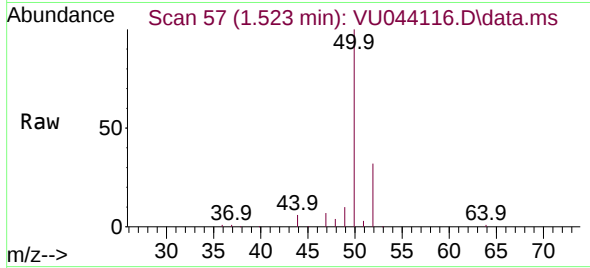




#3  
Chloromethane  
Concen: 17.698 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

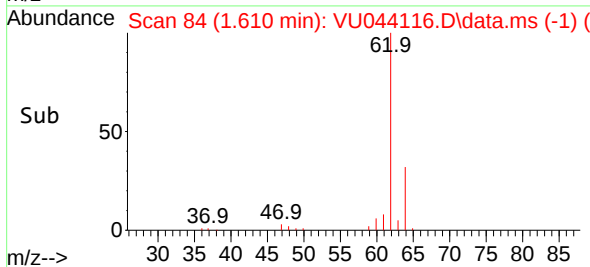
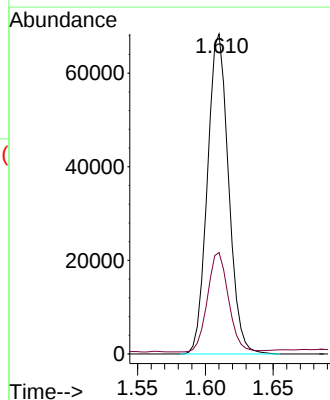
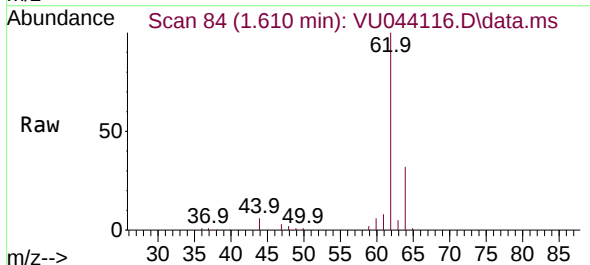
Instrument :  
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ClientSampleId :

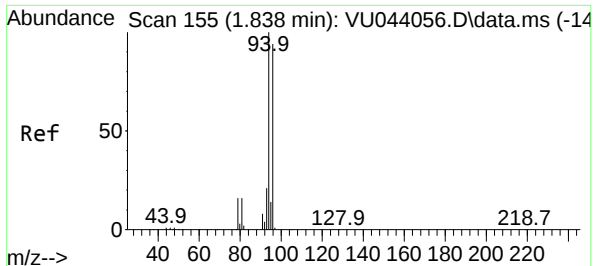
Tgt Ion: 50 Resp: 79770  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.2 39.2



#4  
Vinyl Chloride  
Concen: 17.498 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 62 Resp: 74281  
Ion Ratio Lower Upper  
62 100  
64 31.0 25.7 38.5

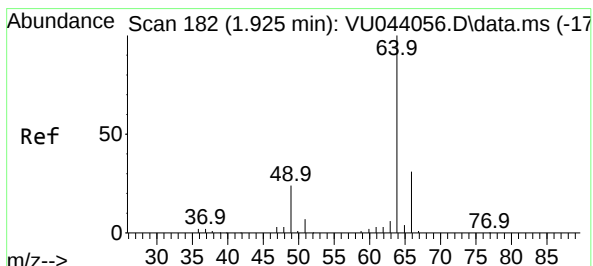
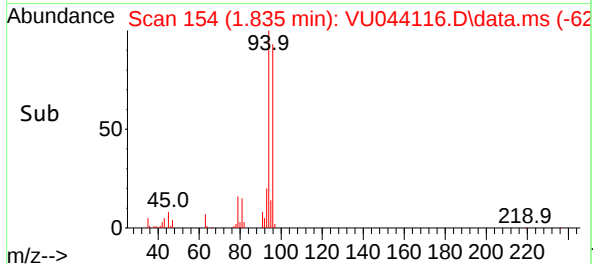
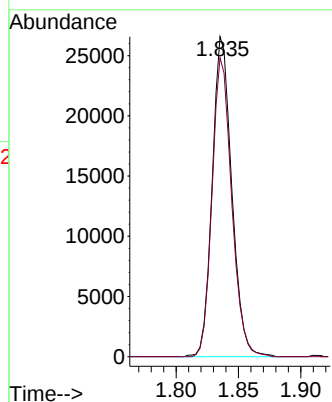
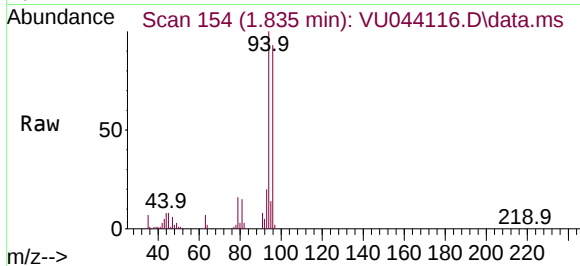




#5  
Bromomethane  
Concen: 16.489 ug/l  
RT: 1.835 min Scan# 154  
Delta R.T. -0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

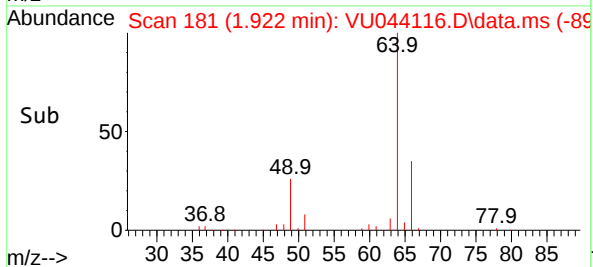
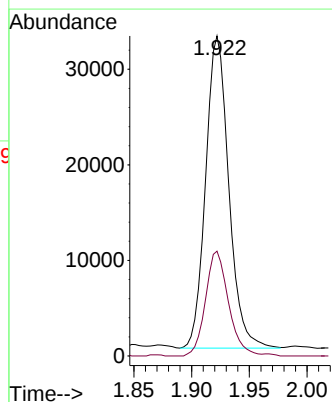
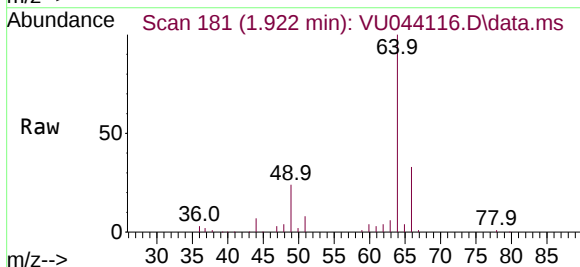
Instrument :  
MSVOA\_U  
ClientSampleId :

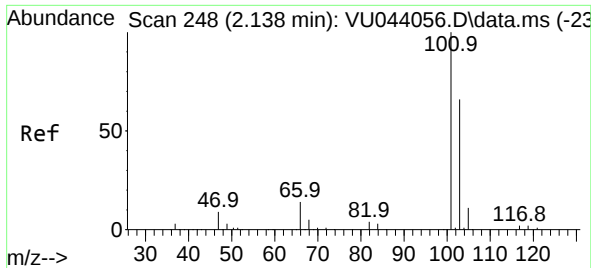
Tgt Ion: 94 Resp: 29019  
Ion Ratio Lower Upper  
94 100  
96 93.4 74.8 112.2



#6  
Chloroethane  
Concen: 17.546 ug/l  
RT: 1.922 min Scan# 181  
Delta R.T. -0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 64 Resp: 45548  
Ion Ratio Lower Upper  
64 100  
66 33.6 25.0 37.6

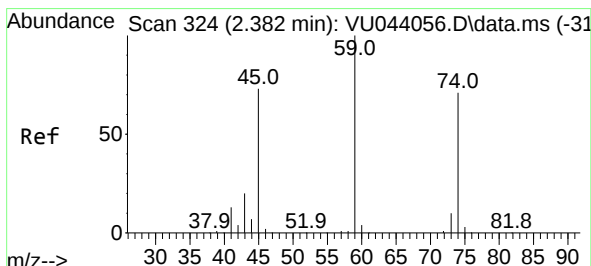
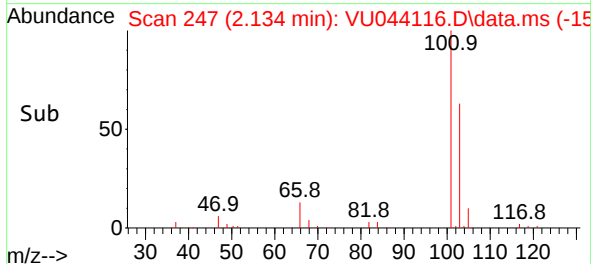
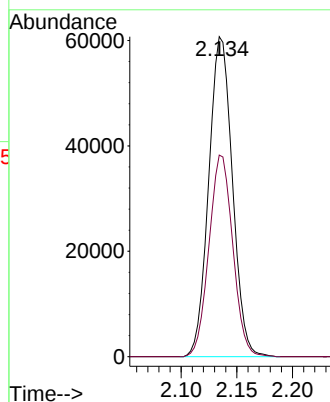
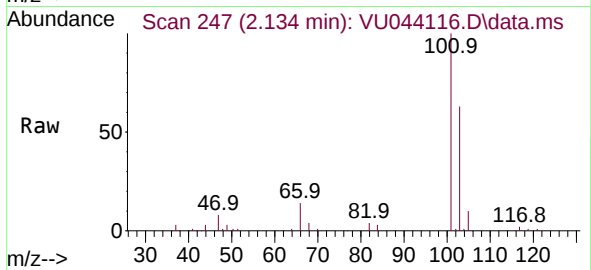




#7  
 Trichlorofluoromethane  
 Concen: 18.400 ug/l  
 RT: 2.134 min Scan# 247  
 Delta R.T. -0.004 min  
 Lab File: VU044116.D  
 Acq: 08 Jun 2021 16:33

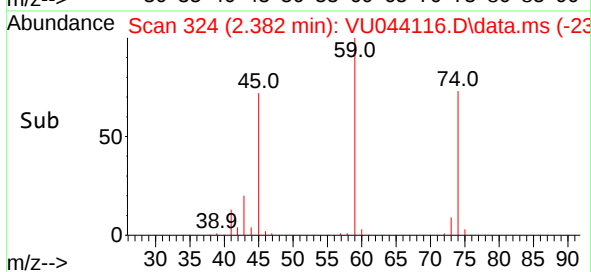
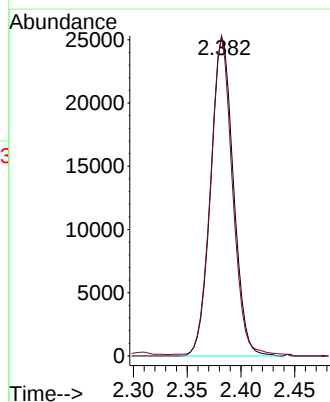
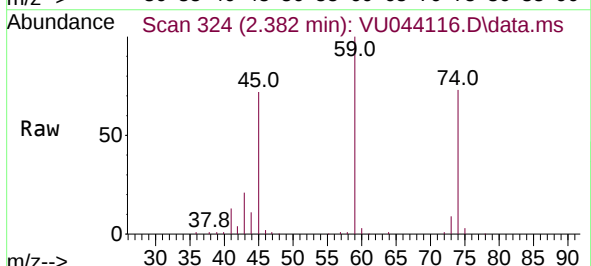
Instrument :  
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 ClientSampleId :

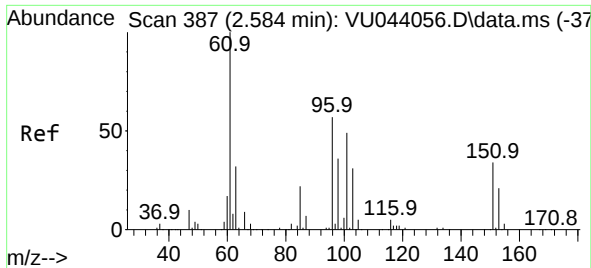
Tgt Ion:101 Resp: 89777  
 Ion Ratio Lower Upper  
 101 100  
 103 63.0 53.0 79.6



#8  
 Diethyl Ether  
 Concen: 17.587 ug/l  
 RT: 2.382 min Scan# 324  
 Delta R.T. -0.000 min  
 Lab File: VU044116.D  
 Acq: 08 Jun 2021 16:33

Tgt Ion: 74 Resp: 36927  
 Ion Ratio Lower Upper  
 74 100  
 45 98.2 50.3 151.0

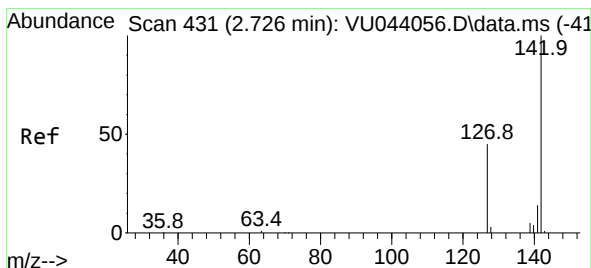
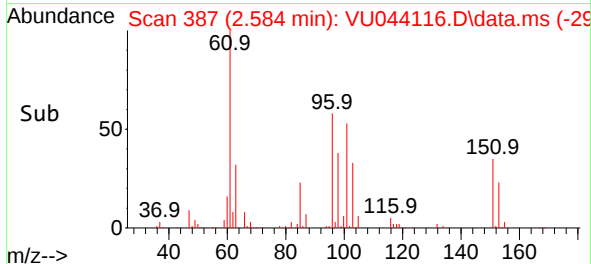
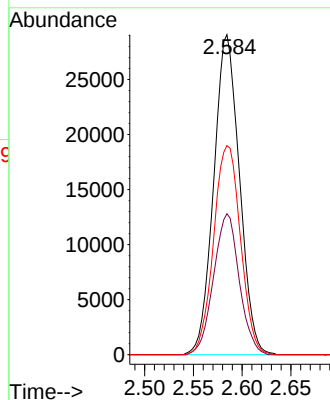
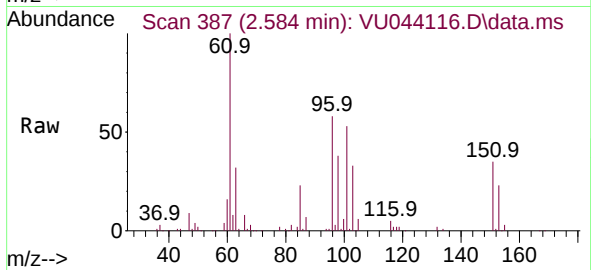




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.102 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

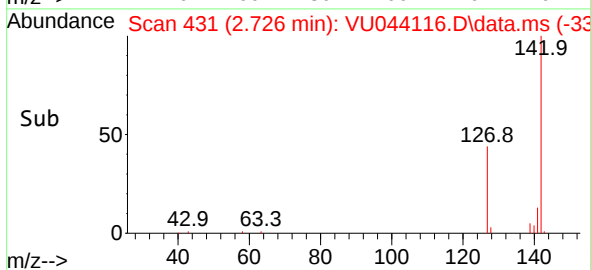
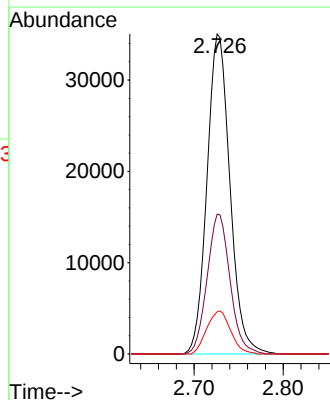
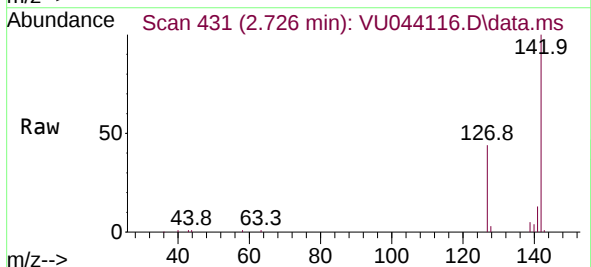
Instrument :  
MSVOA\_U  
ClientSampleId :

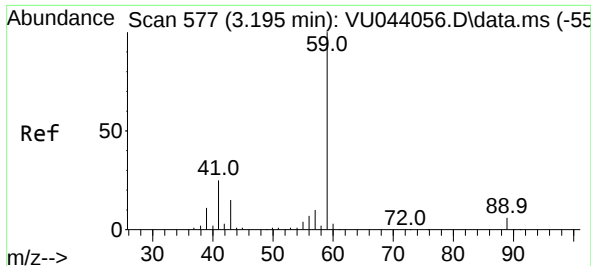
Tgt Ion:101 Resp: 53405  
Ion Ratio Lower Upper  
101 100  
85 43.9 36.1 54.1  
151 68.2 54.1 81.1



#10  
Methyl Iodide  
Concen: 18.215 ug/l  
RT: 2.726 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:142 Resp: 62645  
Ion Ratio Lower Upper  
142 100  
127 43.5 37.0 55.4  
141 14.0 11.5 17.3

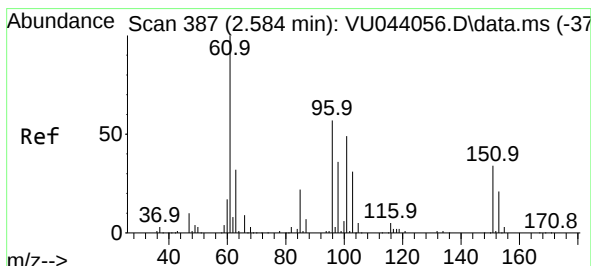
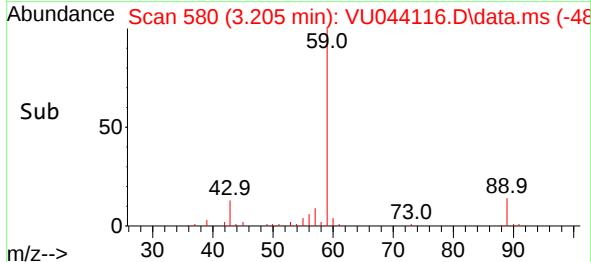
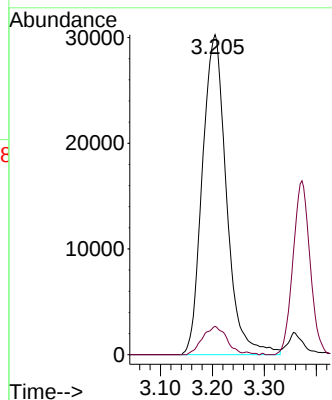
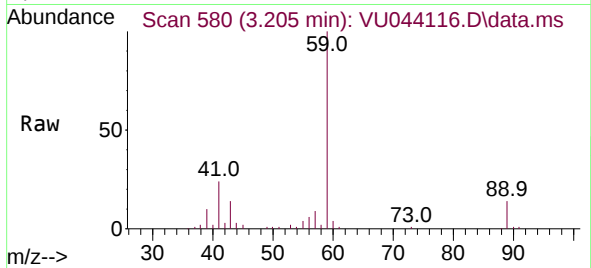




#11  
Tert butyl alcohol  
Concen: 98.533 ug/l  
RT: 3.205 min Scan# 580  
Delta R.T. 0.010 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

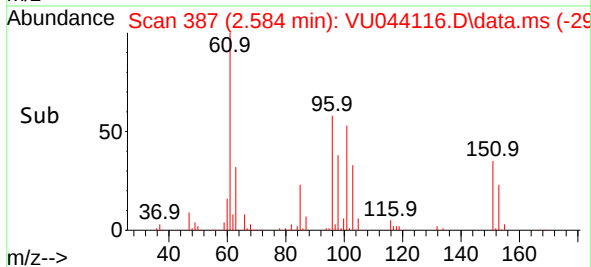
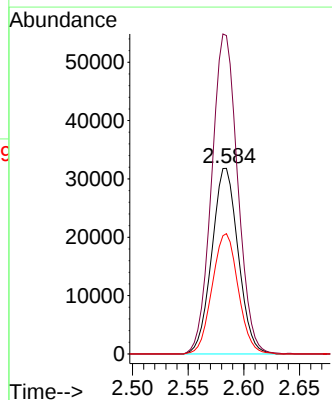
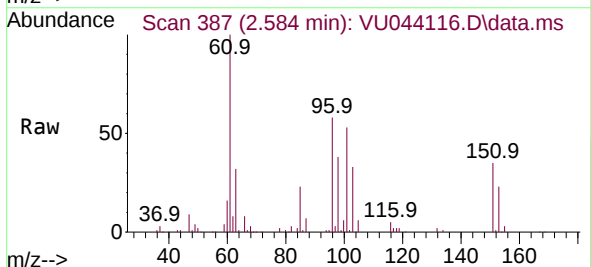
Instrument :  
MSVOA\_U  
ClientSampled :

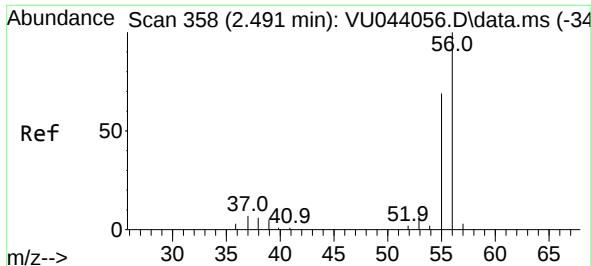
Tgt Ion: 59 Resp: 97539  
Ion Ratio Lower Upper  
59 100  
57 8.8 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 18.563 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 96 Resp: 52380  
Ion Ratio Lower Upper  
96 100  
61 171.5 140.7 211.1  
98 64.8 50.2 75.2

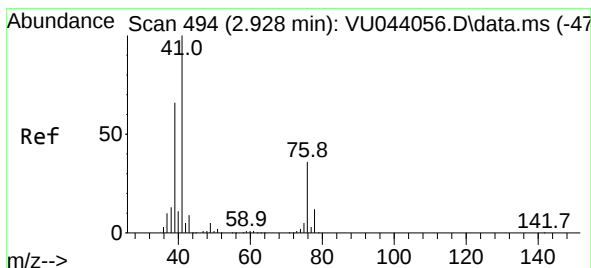
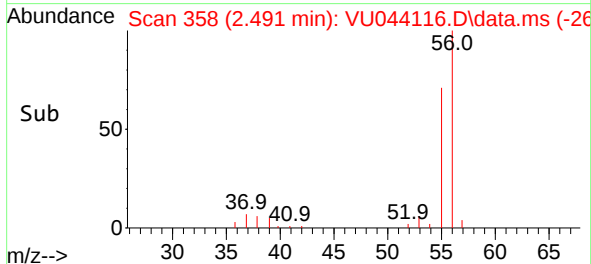
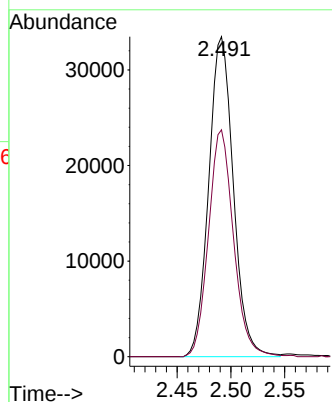
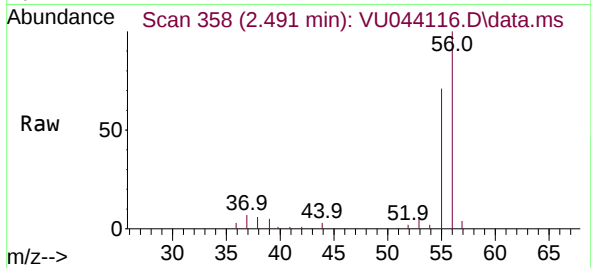




#13  
Acrolein  
Concen: 68.544 ug/l  
RT: 2.491 min Scan# 358  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

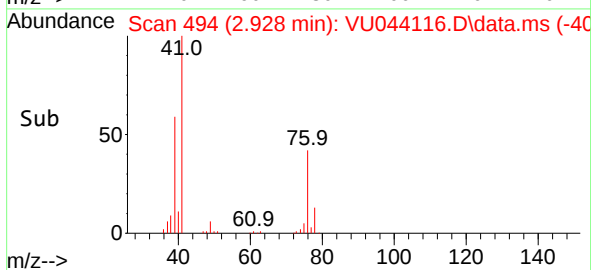
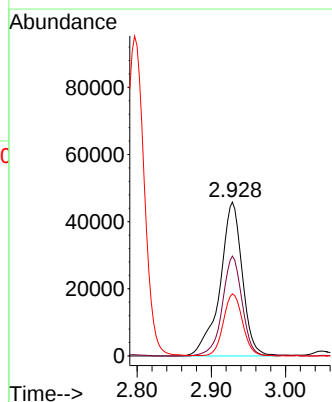
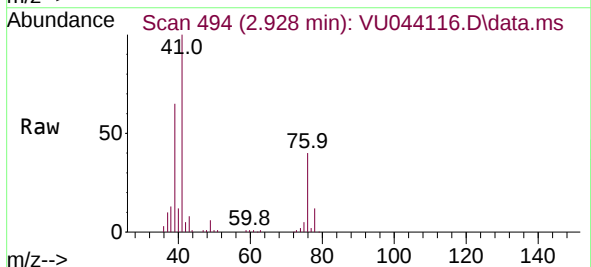
Instrument :  
MSVOA\_U  
ClientSampleId :

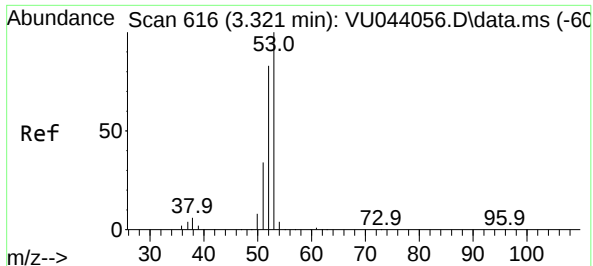
Tgt Ion: 56 Resp: 53346  
Ion Ratio Lower Upper  
56 100  
55 72.0 56.1 84.1



#14  
Allyl chloride  
Concen: 16.620 ug/l  
RT: 2.928 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 41 Resp: 95825  
Ion Ratio Lower Upper  
41 100  
39 57.2 45.7 68.5  
76 34.8 25.0 37.6

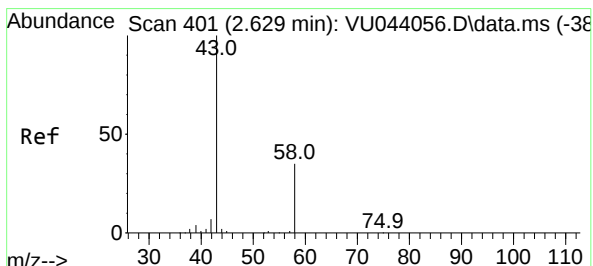
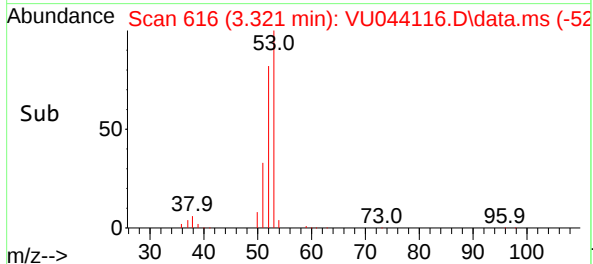
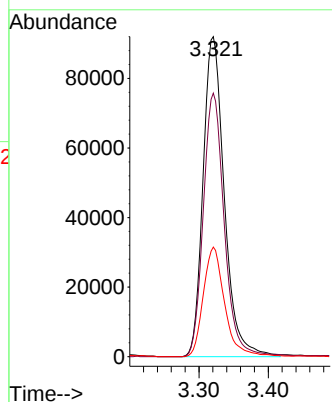
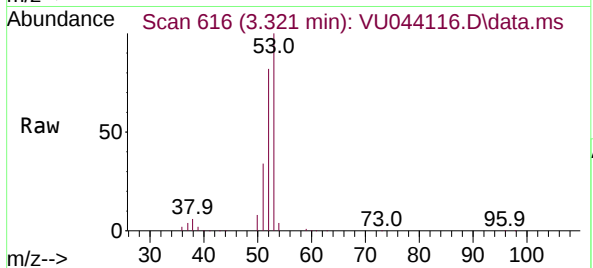




#15  
Acrylonitrile  
Concen: 89.190 ug/l  
RT: 3.321 min Scan# 616  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

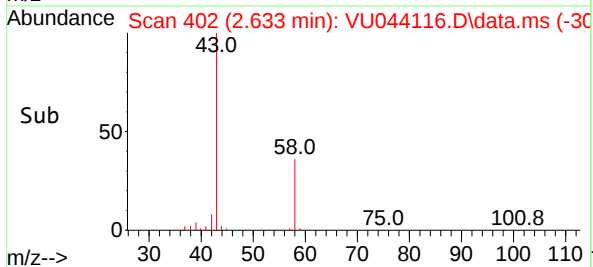
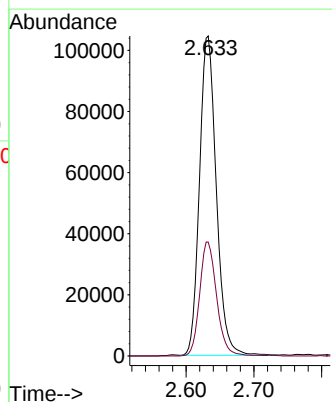
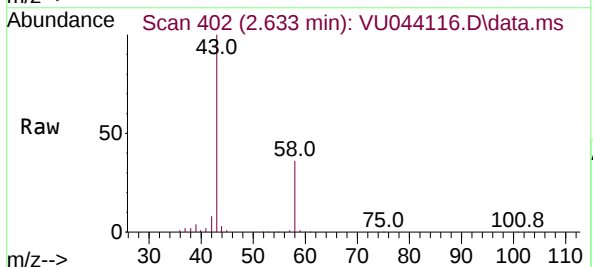
Instrument :  
MSVOA\_U  
ClientSampleId :

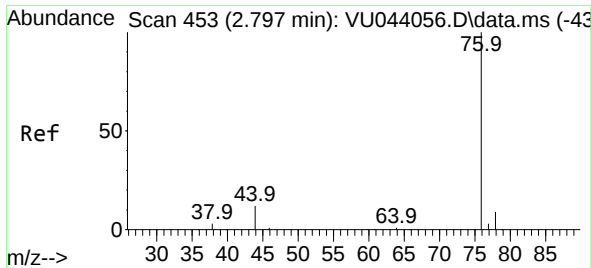
Tgt Ion: 53 Resp: 196041  
Ion Ratio Lower Upper  
53 100  
52 81.6 65.7 98.5  
51 34.5 27.8 41.8



#16  
Acetone  
Concen: 77.977 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.004 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 43 Resp: 179700  
Ion Ratio Lower Upper  
43 100  
58 35.7 27.7 41.5

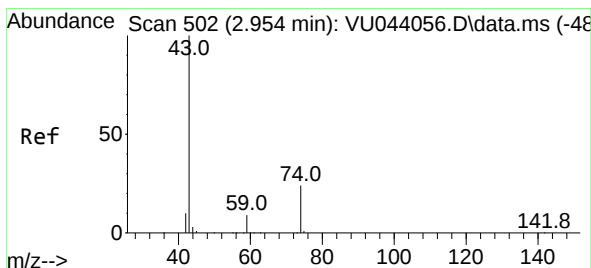
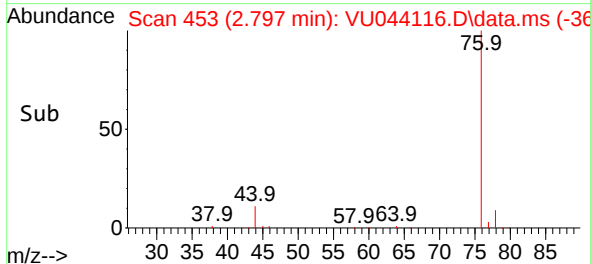
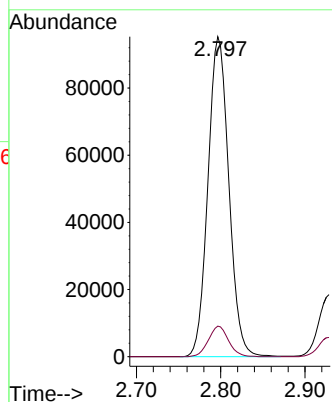
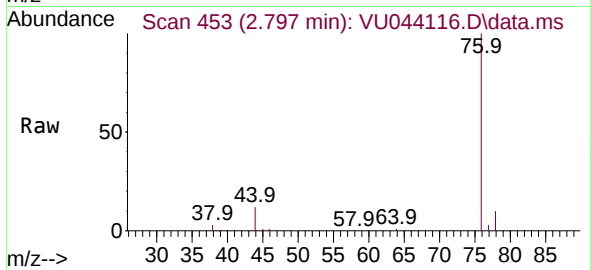




#17  
Carbon Disulfide  
Concen: 17.467 ug/l  
RT: 2.797 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

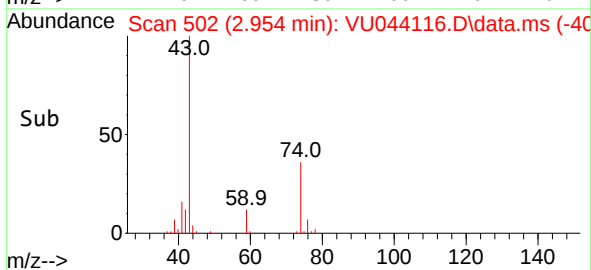
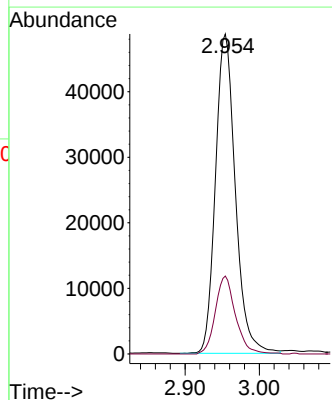
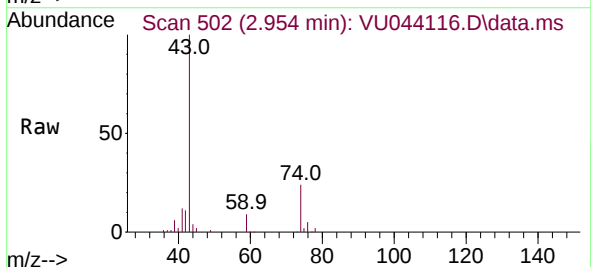
Instrument :  
MSVOA\_U  
ClientSampleId :

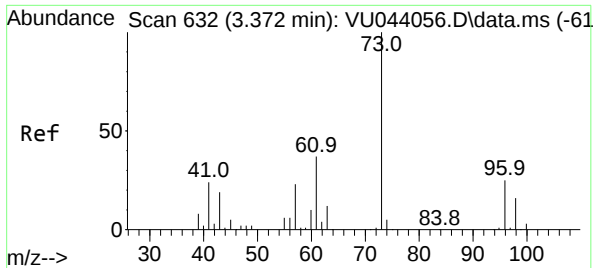
Tgt Ion: 76 Resp: 164159  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.2 10.8



#18  
Methyl Acetate  
Concen: 17.818 ug/l  
RT: 2.954 min Scan# 502  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 43 Resp: 90551  
Ion Ratio Lower Upper  
43 100  
74 24.8 18.7 28.1



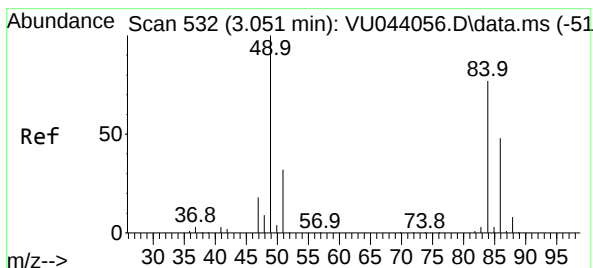
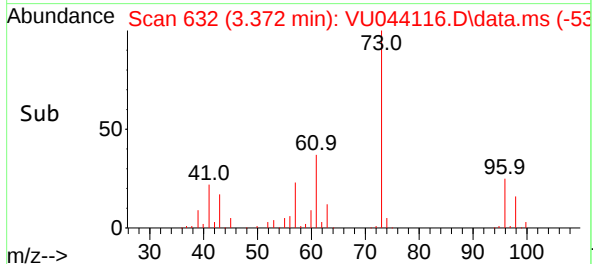
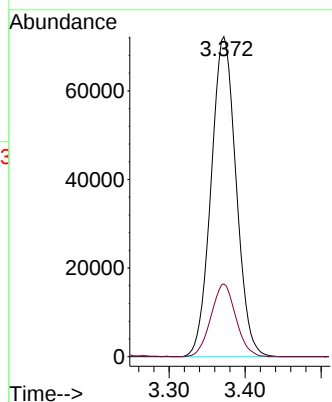
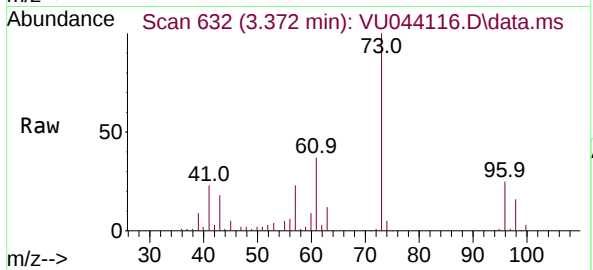


#19

Methyl tert-butyl Ether  
Concen: 19.110 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Instrument :  
MSVOA\_U  
ClientSampleId :

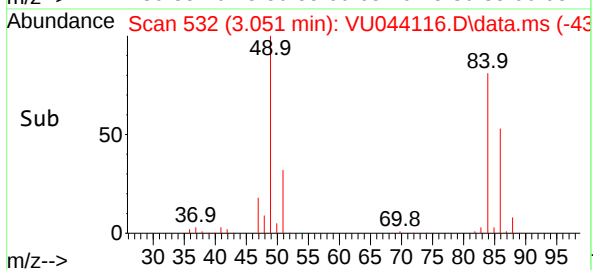
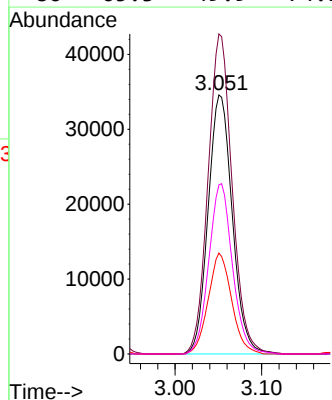
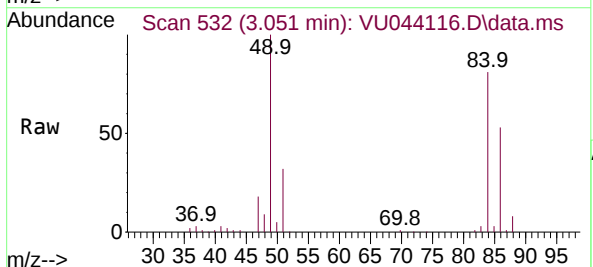
Tgt Ion: 73 Resp: 165051  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.7 28.1

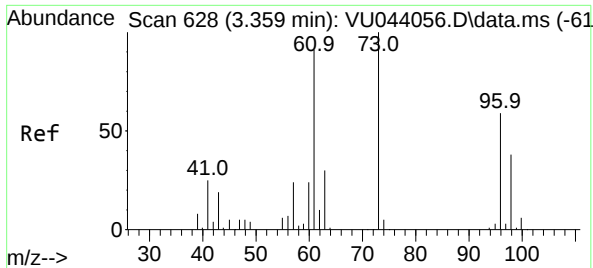


#20

Methylene Chloride  
Concen: 18.318 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 84 Resp: 67029  
Ion Ratio Lower Upper  
84 100  
49 123.5 103.6 155.4  
51 38.9 32.8 49.2  
86 65.3 49.9 74.9

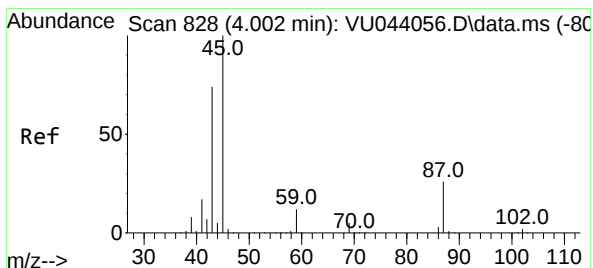
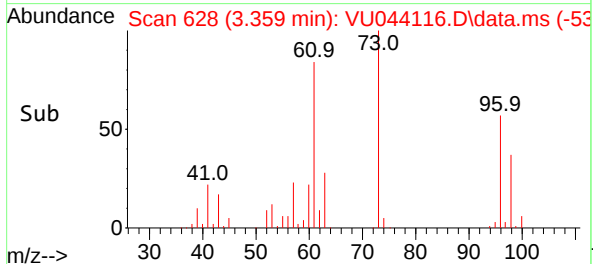
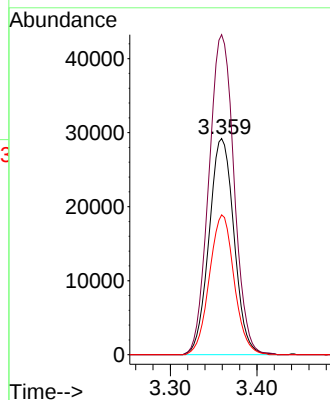
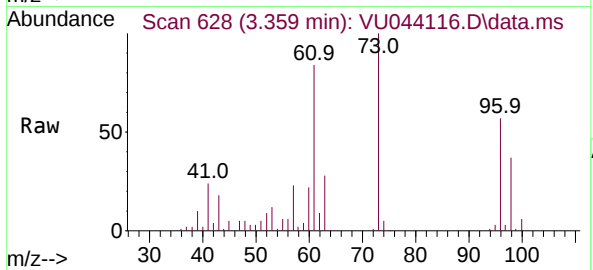




#21  
trans-1,2-Dichloroethene  
Concen: 18.512 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

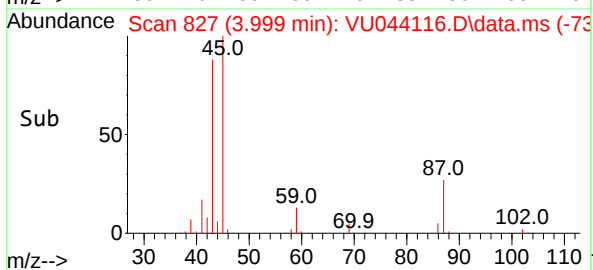
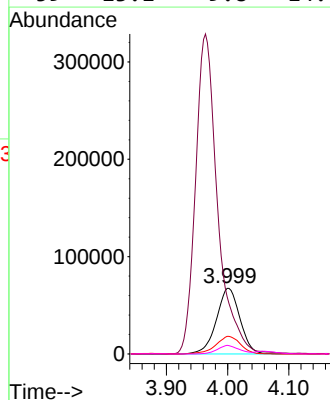
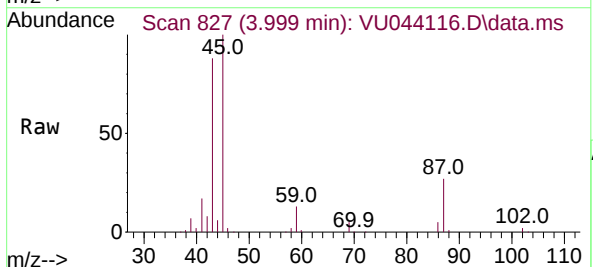
Instrument :  
MSVOA\_U  
ClientSampleId :

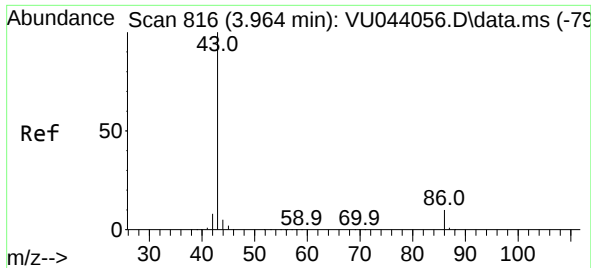
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 58591 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 148.0 | 124.7 | 187.1 |
| 98       | 64.6  | 51.3  | 76.9  |



#22  
Diisopropyl ether  
Concen: 18.363 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. -0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 180056 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 85.8  | 59.0  | 88.6   |
| 87       | 26.7  | 20.5  | 30.7   |
| 59       | 13.1  | 9.8   | 14.6   |

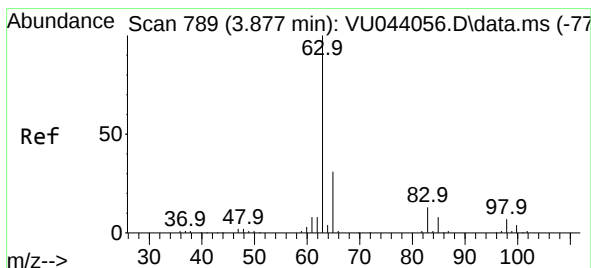
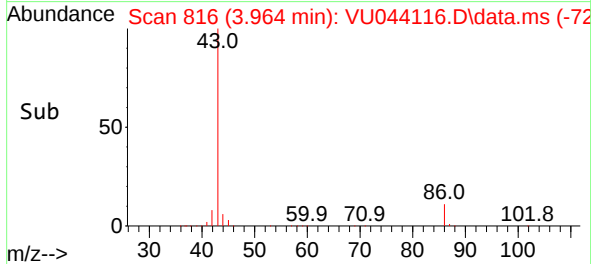
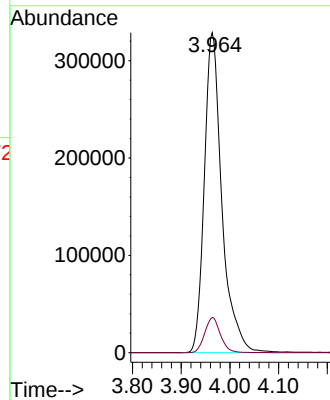
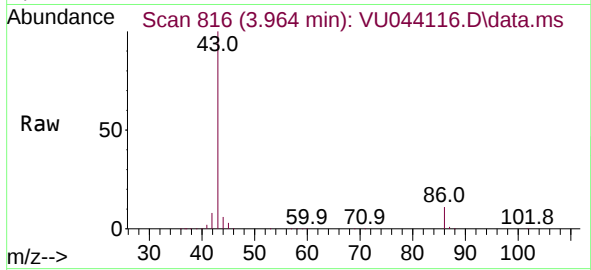




#23  
 Vinyl Acetate  
 Concen: 89.188 ug/l  
 RT: 3.964 min Scan# 816  
 Delta R.T. -0.000 min  
 Lab File: VU044116.D  
 Acq: 08 Jun 2021 16:33

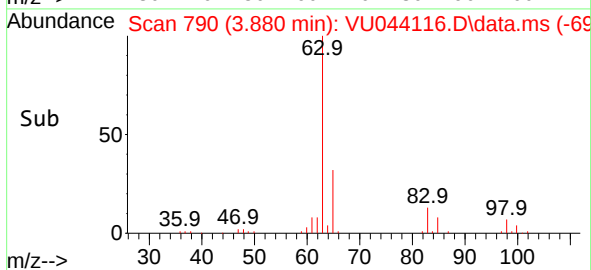
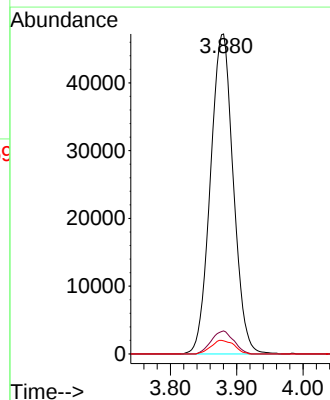
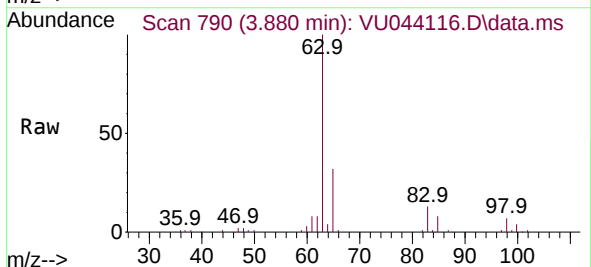
Instrument :  
 MSVOA\_U  
 ClientSampled :

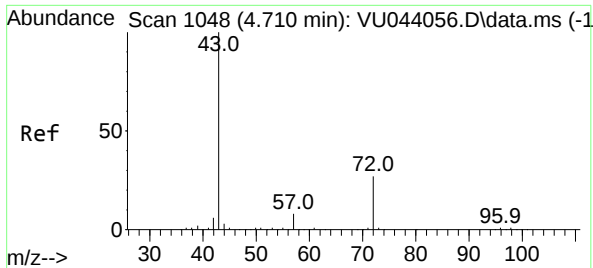
Tgt Ion: 43 Resp: 824780  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 17.624 ug/l  
 RT: 3.880 min Scan# 790  
 Delta R.T. 0.003 min  
 Lab File: VU044116.D  
 Acq: 08 Jun 2021 16:33

Tgt Ion: 63 Resp: 113088  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.3 9.9  
 100 4.1 2.1 6.2

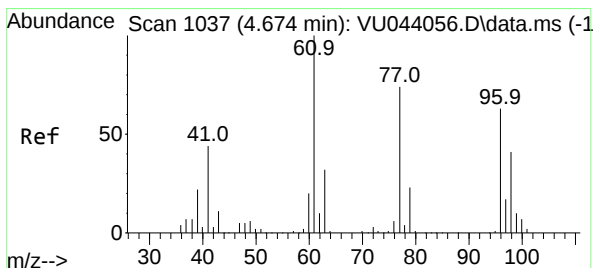
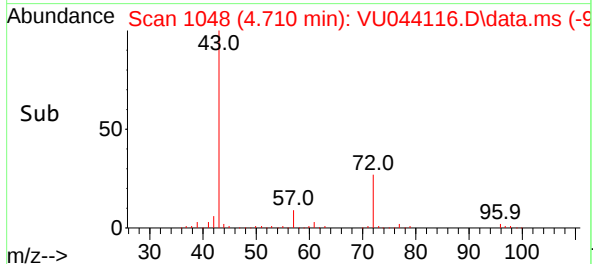
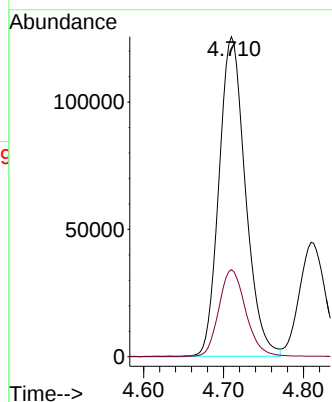
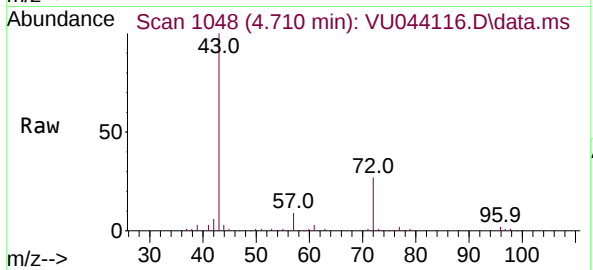




#25  
2-Butanone  
Concen: 87.418 ug/l  
RT: 4.710 min Scan# 1048  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

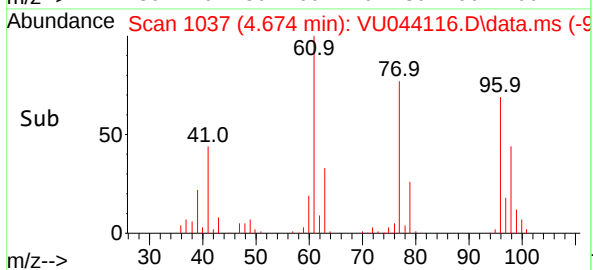
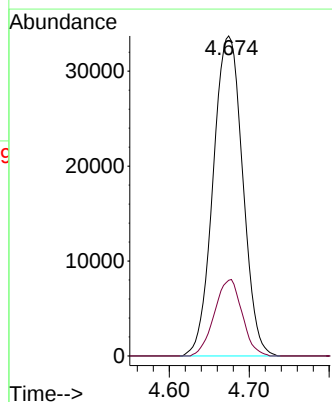
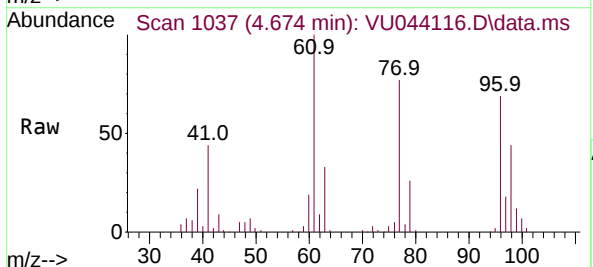
Instrument :  
MSVOA\_U  
ClientSampled :

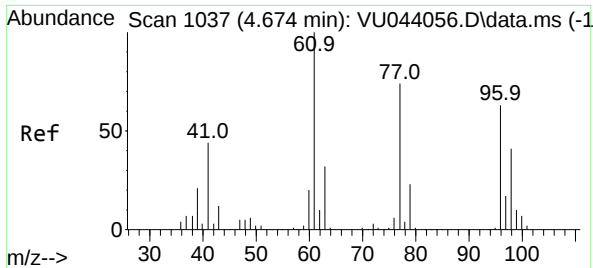
Tgt Ion: 43 Resp: 287433  
Ion Ratio Lower Upper  
43 100  
72 27.3 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 18.780 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 77 Resp: 86421  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.3 33.8



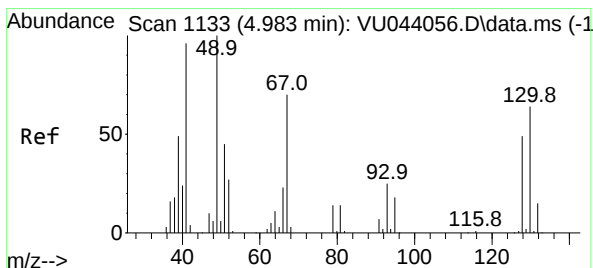
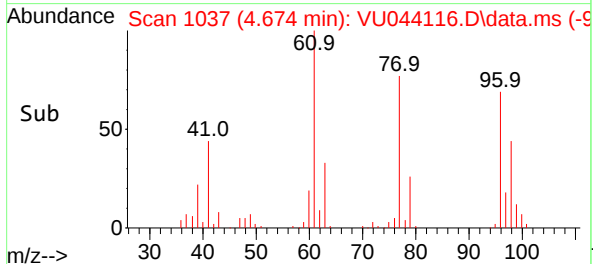
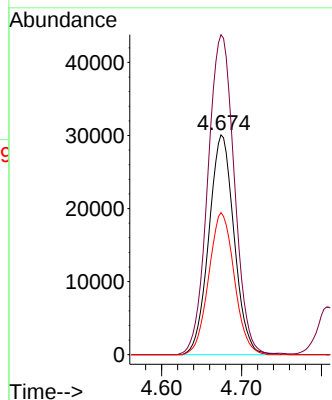
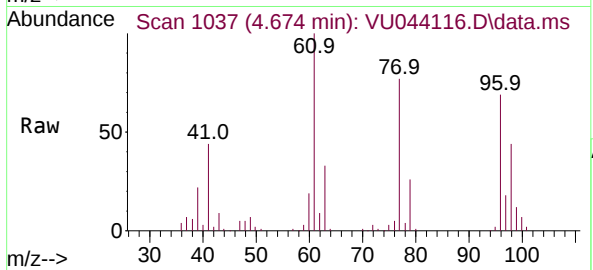


#27

cis-1,2-Dichloroethene  
Concen: 18.851 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Instrument :  
MSVOA\_U  
ClientSampled :

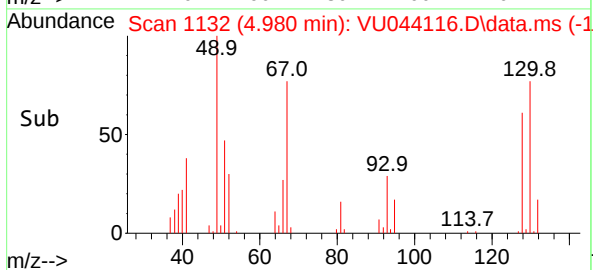
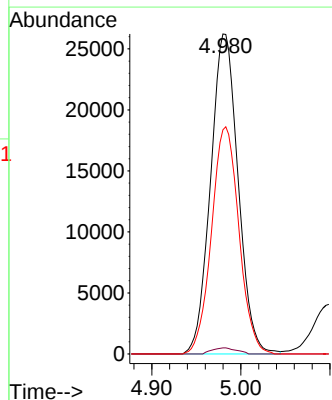
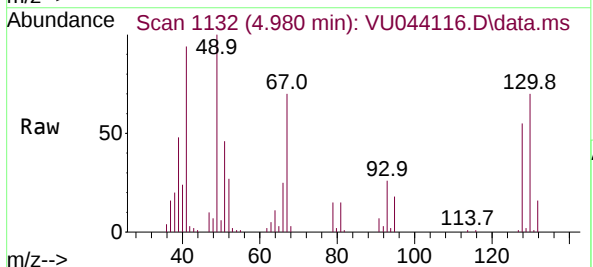
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 65982 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 152.8 | 0.0   | 317.4 |
| 98       | 65.5  | 0.0   | 127.6 |

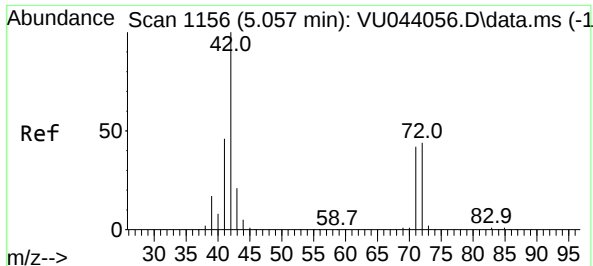


#28

Bromochloromethane  
Concen: 17.254 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. -0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 56390 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 3.2   |
| 130      | 70.5  | 51.0  | 76.6  |





#29

Tetrahydrofuran

Concen: 90.147 ug/l

RT: 5.057 min Scan# 1156

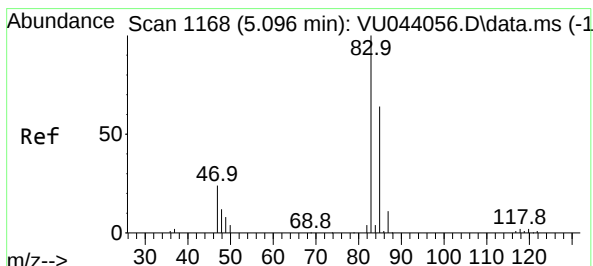
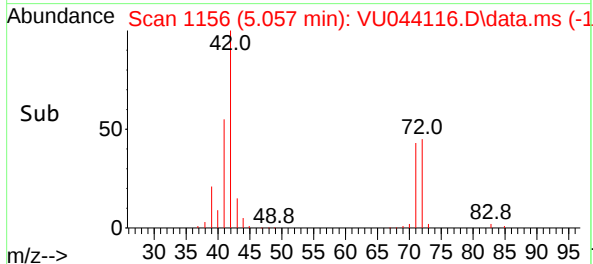
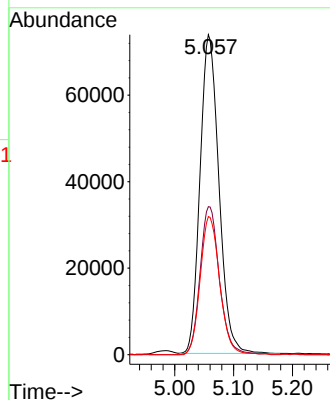
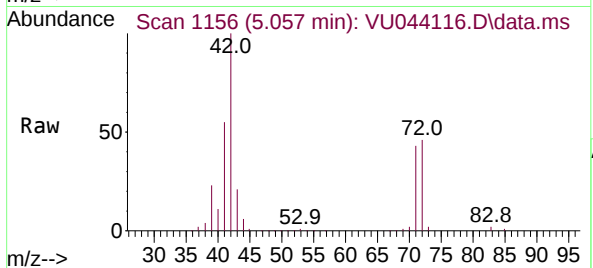
Delta R.T. -0.000 min

Lab File: VU044116.D

Acq: 08 Jun 2021 16:33

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 164537 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 47.6  | 35.6  | 53.4   |
| 71       | 44.5  | 33.3  | 49.9   |



#30

Chloroform

Concen: 18.197 ug/l

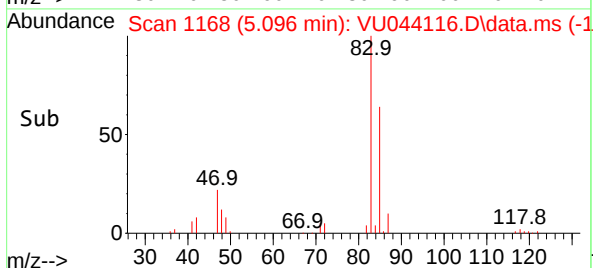
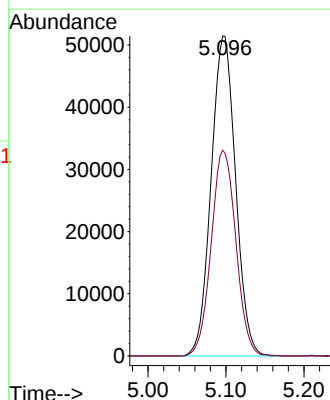
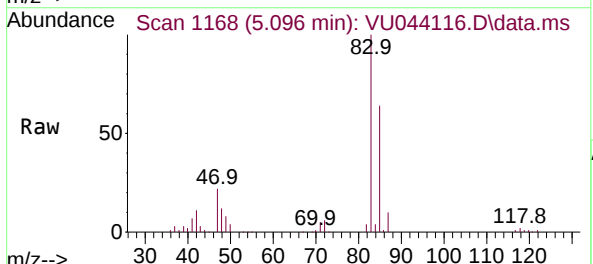
RT: 5.096 min Scan# 1168

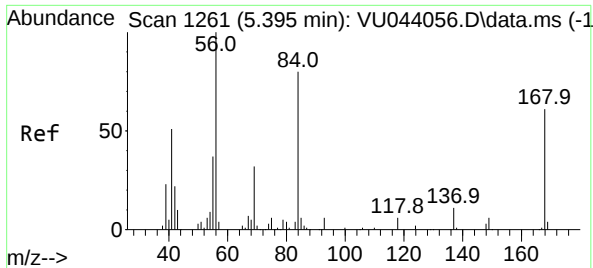
Delta R.T. -0.000 min

Lab File: VU044116.D

Acq: 08 Jun 2021 16:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 112312 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.3  | 51.2  | 76.8   |

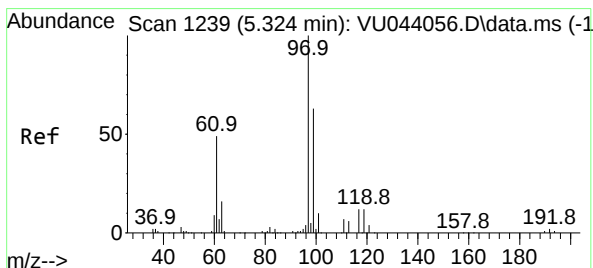
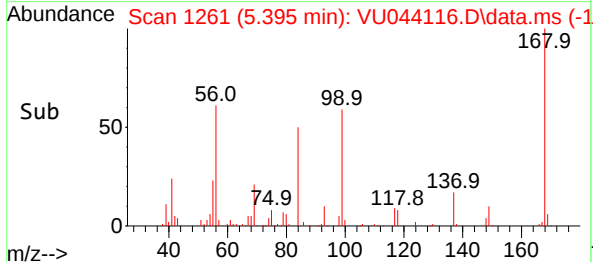
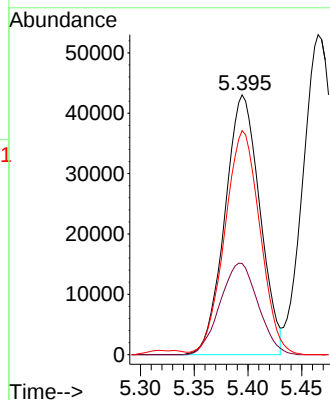
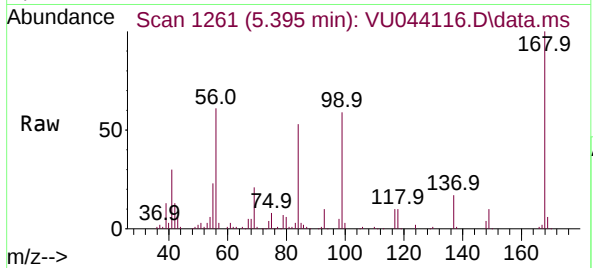




#31  
Cyclohexane  
Concen: 17.644 ug/l  
RT: 5.395 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

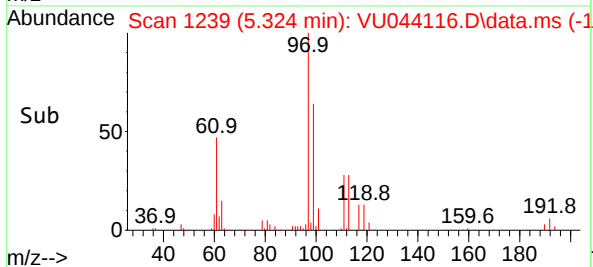
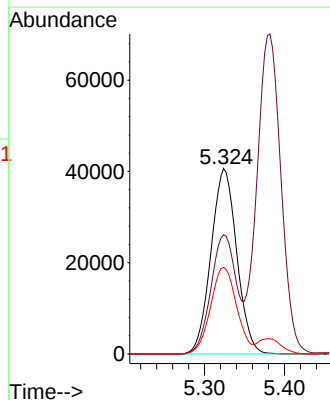
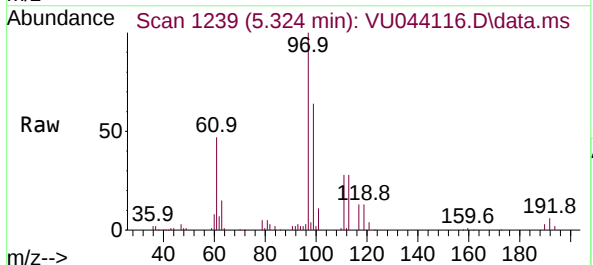
Instrument :  
MSVOA\_U  
ClientSampled :

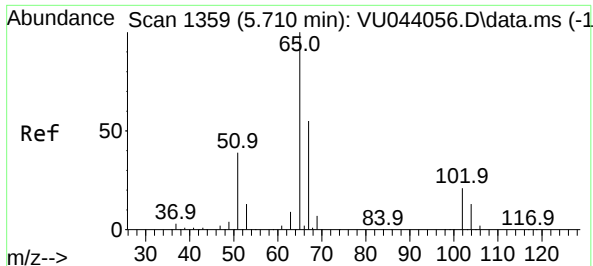
Tgt Ion: 56 Resp: 97241  
Ion Ratio Lower Upper  
56 100  
69 35.1 25.4 38.2  
84 84.9 64.2 96.2



#32  
1,1,1-Trichloroethane  
Concen: 18.321 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 97 Resp: 90877  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.8 76.2  
61 47.6 39.7 59.5



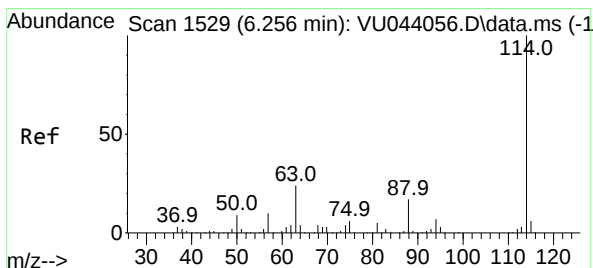
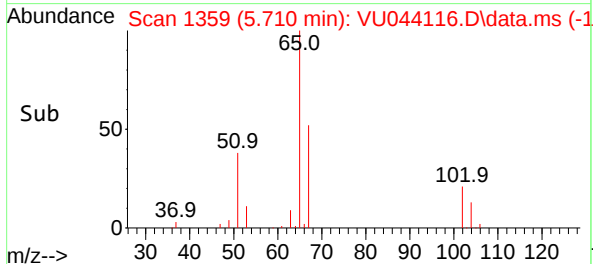
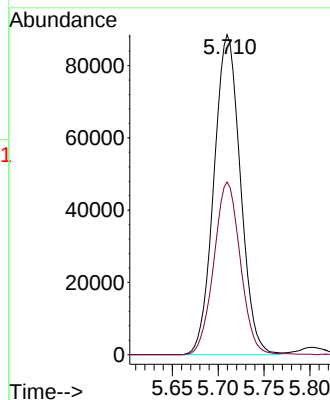
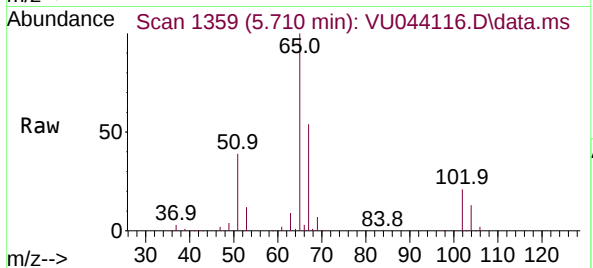


#33

1,2-Dichloroethane-d4  
Concen: 44.581 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Instrument :  
MSVOA\_U  
ClientSampleId :

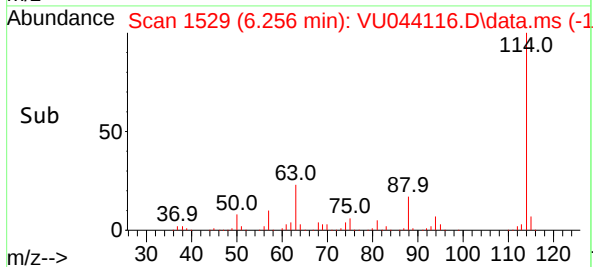
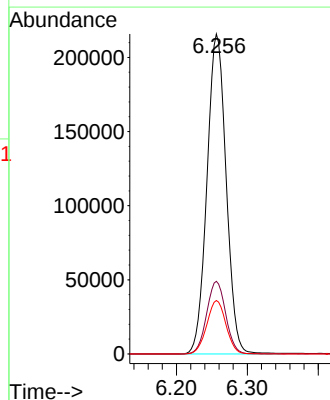
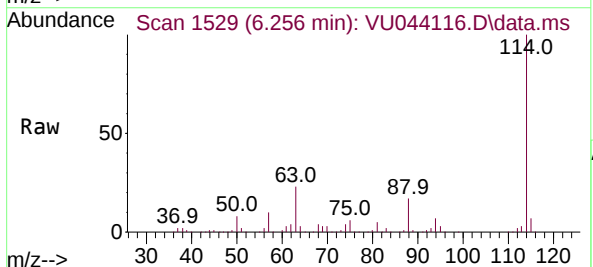
Tgt Ion: 65 Resp: 178006  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 109.2

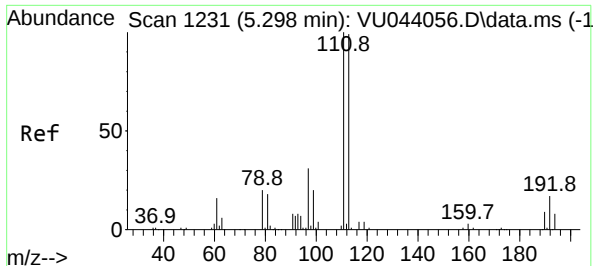


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:114 Resp: 405209  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 48.4  
88 16.7 0.0 34.4





#35

Dibromofluoromethane

Concen: 47.163 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU044116.D

Acq: 08 Jun 2021 16:33

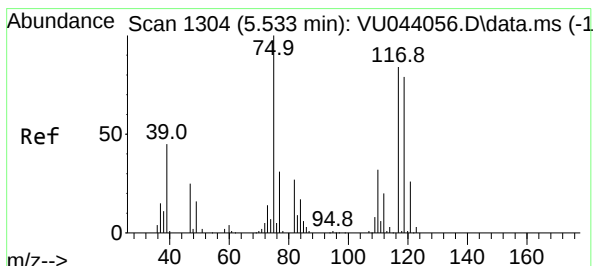
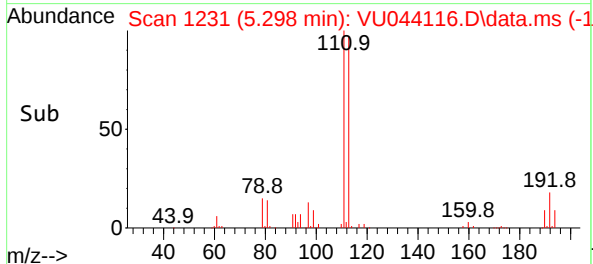
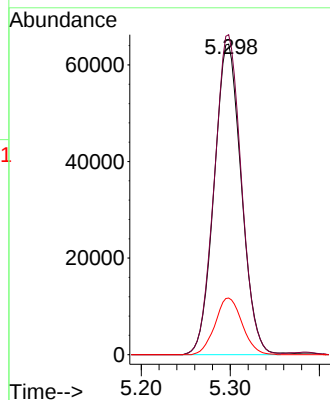
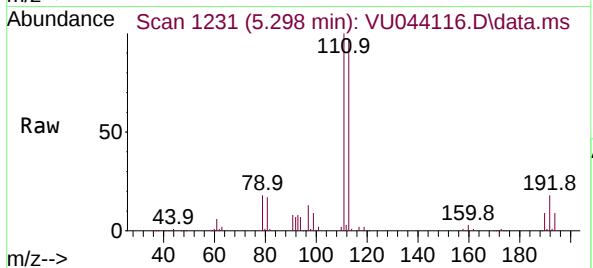
Tgt Ion:113 Resp: 136378

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

192 18.2 13.8 20.8



#36

1,1-Dichloropropene

Concen: 18.207 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU044116.D

Acq: 08 Jun 2021 16:33

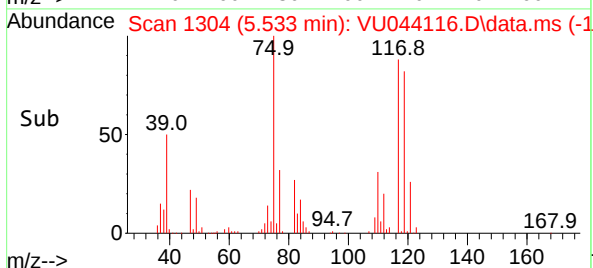
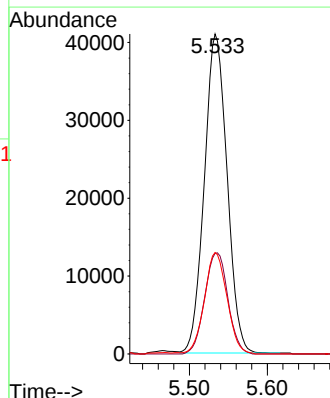
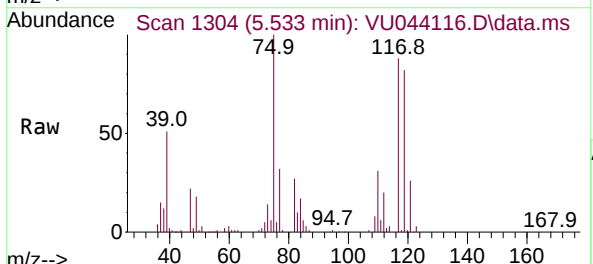
Tgt Ion: 75 Resp: 83120

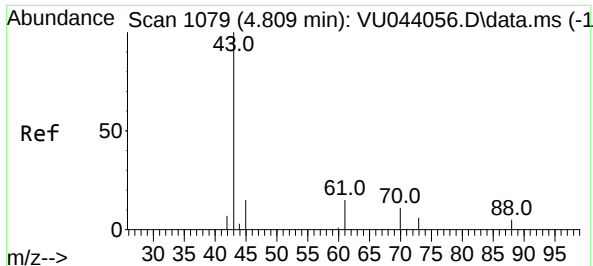
Ion Ratio Lower Upper

75 100

110 32.3 15.9 47.7

77 31.7 25.0 37.4

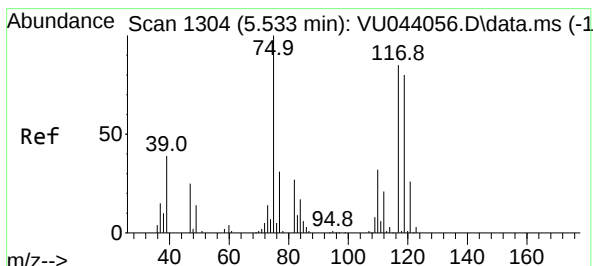
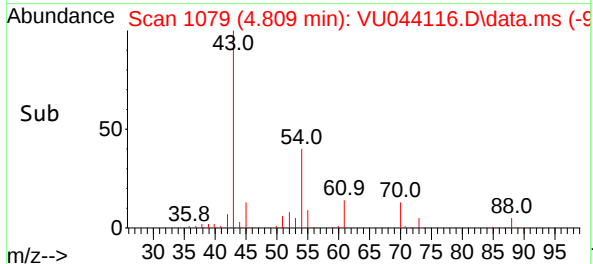
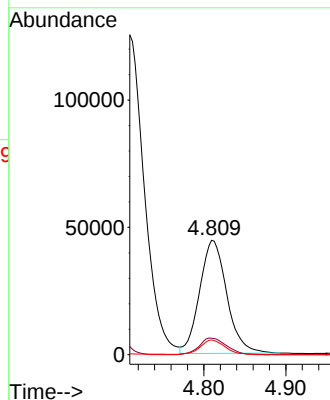
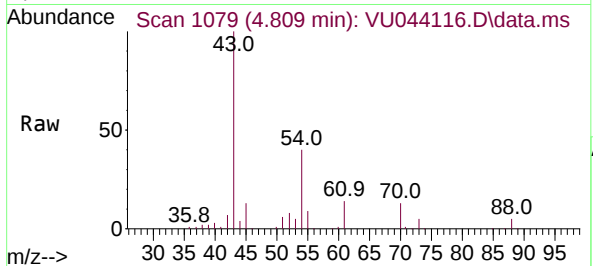




#37  
Ethyl Acetate  
Concen: 17.834 ug/l  
RT: 4.809 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

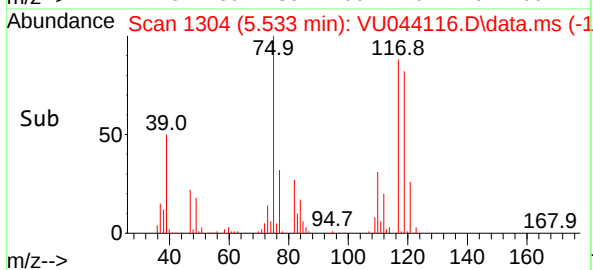
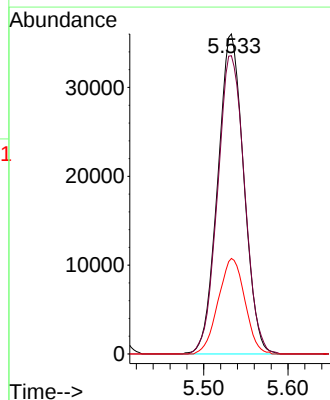
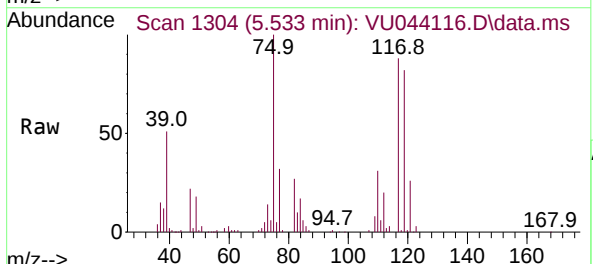
Instrument :  
MSVOA\_U  
ClientSampled :

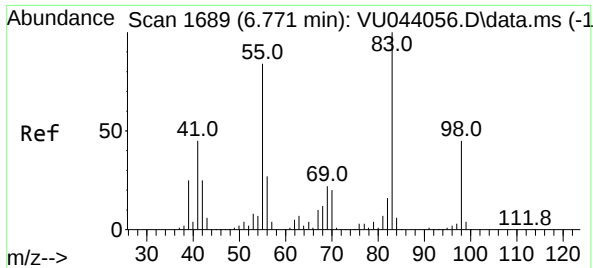
Tgt Ion: 43 Resp: 102564  
Ion Ratio Lower Upper  
43 100  
61 14.8 11.4 17.2  
70 11.8 8.6 12.8



#38  
Carbon Tetrachloride  
Concen: 18.740 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 117 Resp: 77300  
Ion Ratio Lower Upper  
117 100  
119 93.2 75.4 113.2  
121 29.9 24.5 36.7

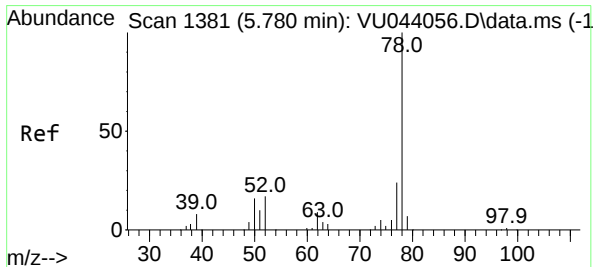
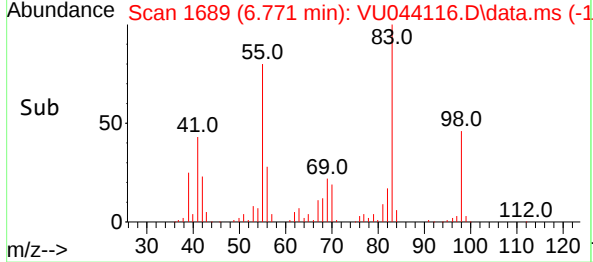
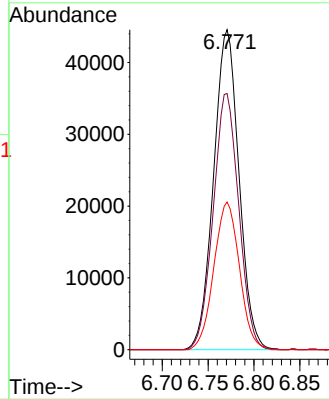
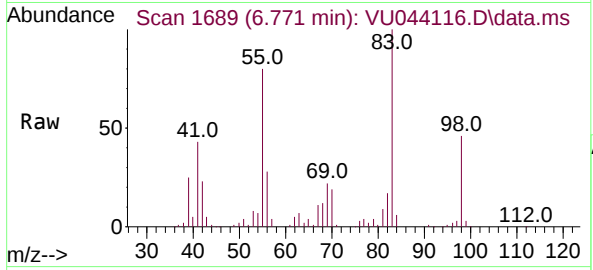




#39  
Methylcyclohexane  
Concen: 18.207 ug/l  
RT: 6.771 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

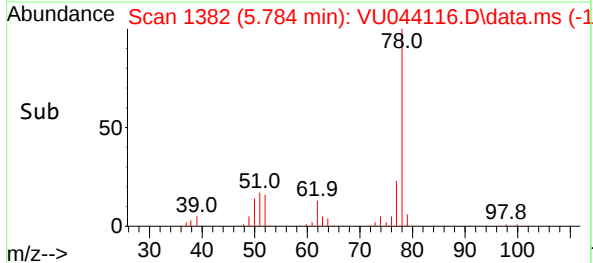
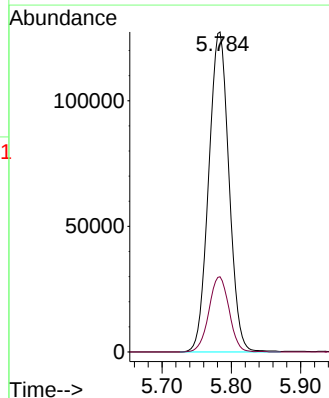
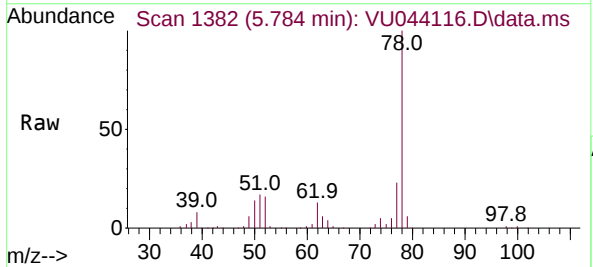
Instrument :  
MSVOA\_U  
ClientSampleId :

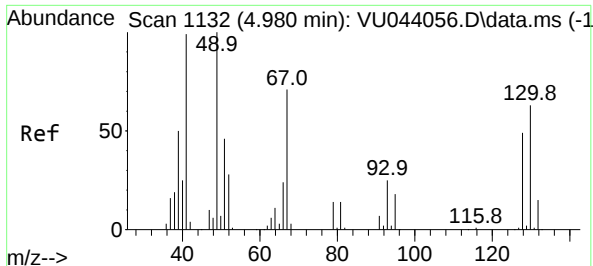
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 85866 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 80.1  | 67.0  | 100.6 |
| 98        | 46.1  | 36.3  | 54.5  |



#40  
Benzene  
Concen: 18.773 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.004 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 78    | Resp: | 258310 |
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.5  | 19.1  | 28.7   |

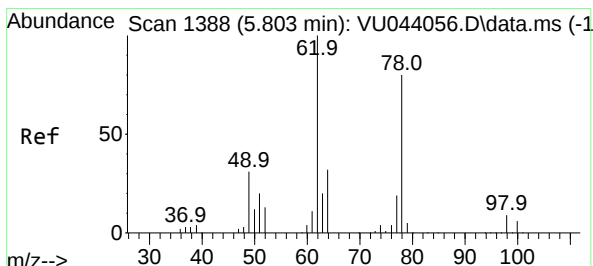
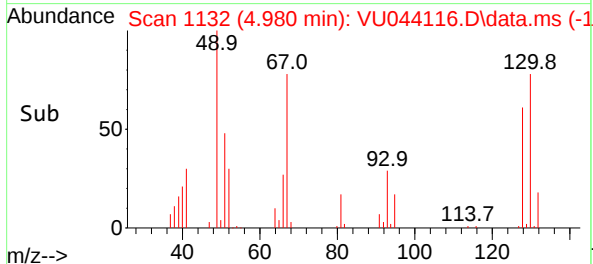
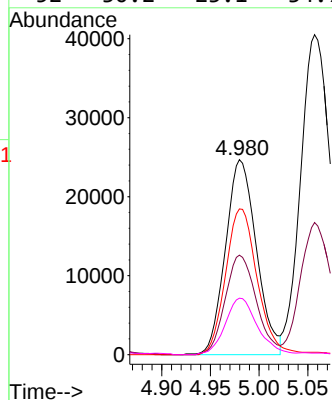
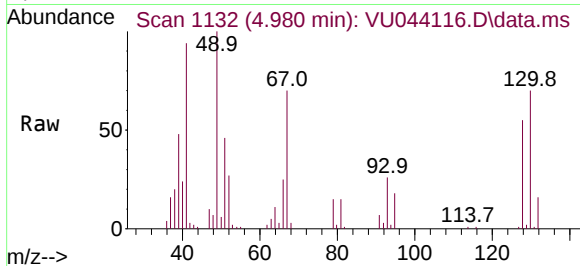




#41  
Methacrylonitrile  
Concen: 18.099 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

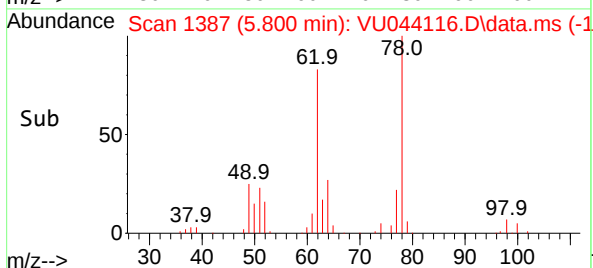
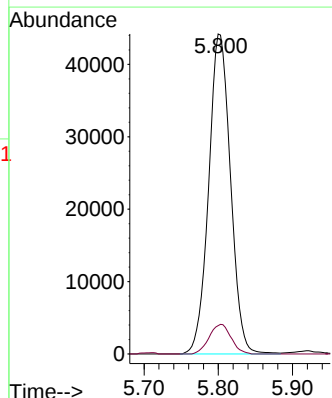
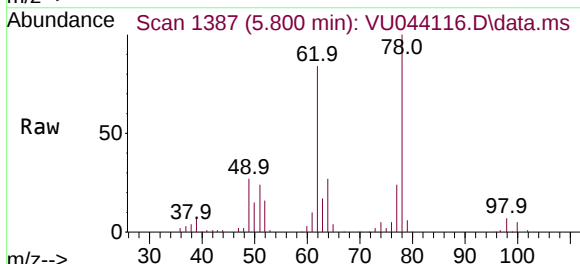
Instrument :  
MSVOA\_U  
ClientSampled :

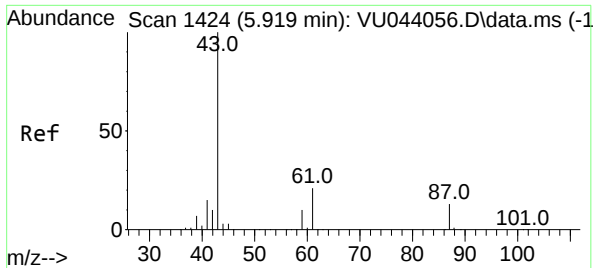
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 54722 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.3  | 41.4  | 62.2  |
| 67       | 76.3  | 59.4  | 89.2  |
| 52       | 30.2  | 23.1  | 34.7  |



#42  
1,2-Dichloroethane  
Concen: 18.378 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. -0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 90261 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.3   | 0.0   | 17.8  |

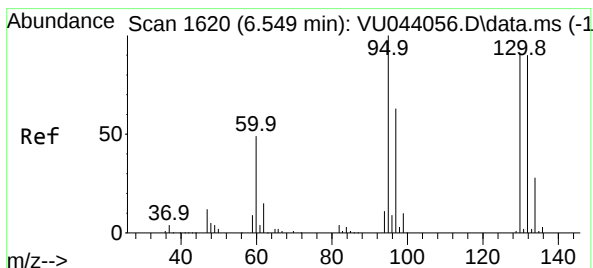
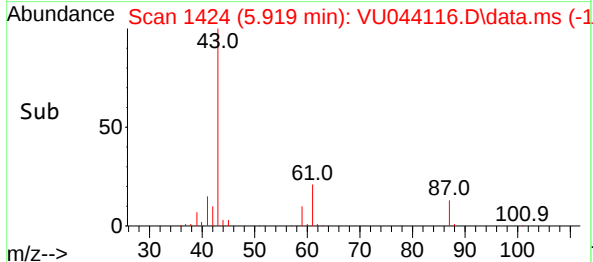
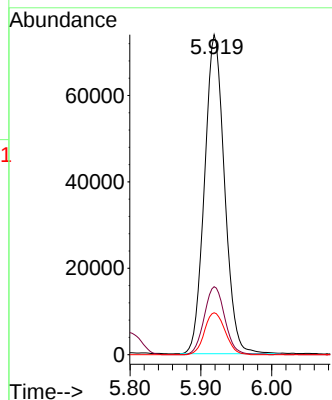
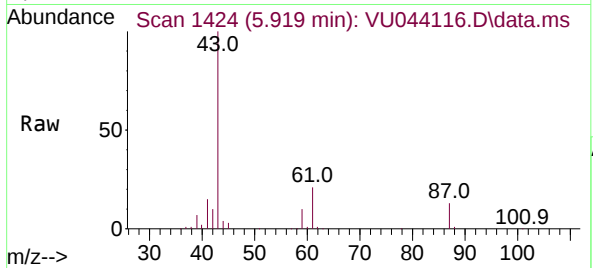




#43  
Isopropyl Acetate  
Concen: 17.793 ug/l  
RT: 5.919 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

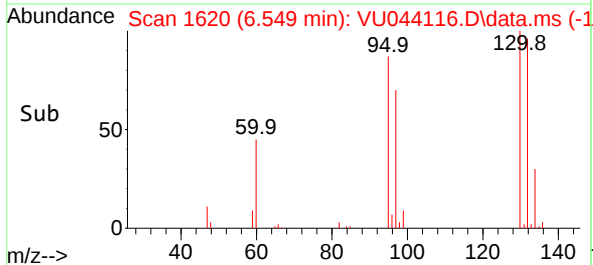
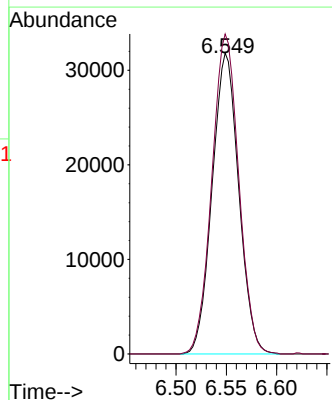
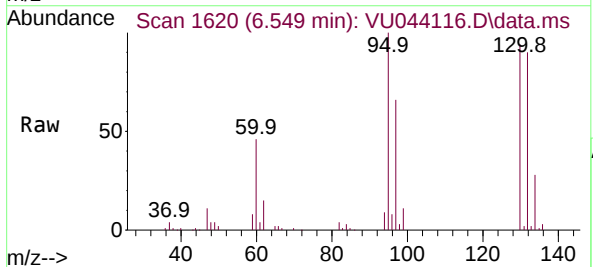
Instrument :  
MSVOA\_U  
ClientSampleId :

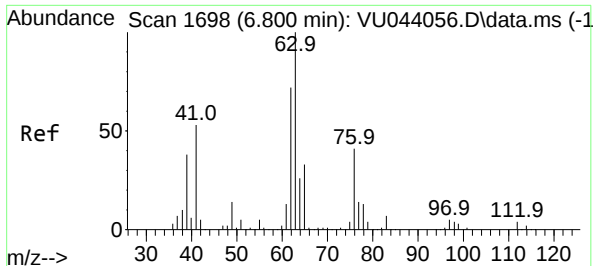
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 144693   |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 21.9 16.8 25.2 |
| 87          | 13.6 10.2 15.2 |



#44  
Trichloroethene  
Concen: 19.242 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

|              |                 |
|--------------|-----------------|
| Tgt Ion: 130 | Resp: 58502     |
| Ion Ratio    | Lower Upper     |
| 130          | 100             |
| 95           | 106.3 0.0 219.2 |



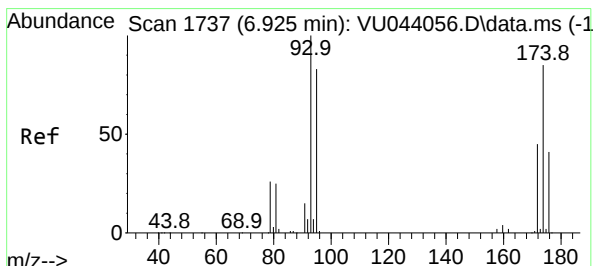
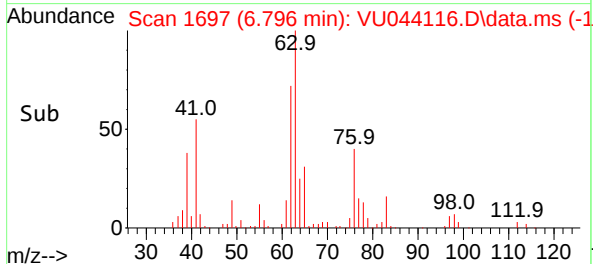
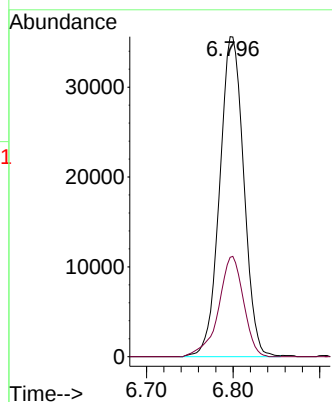
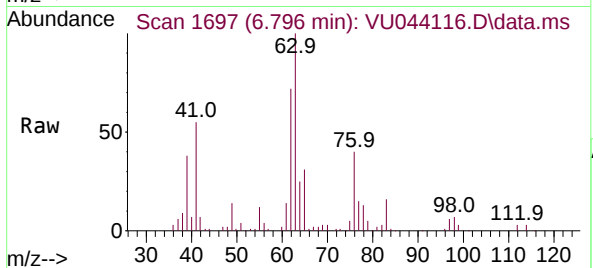


#45

1,2-Dichloropropane  
Concen: 18.342 ug/l  
RT: 6.796 min Scan# 1697  
Delta R.T. -0.004 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Instrument :  
MSVOA\_U  
ClientSampleId :

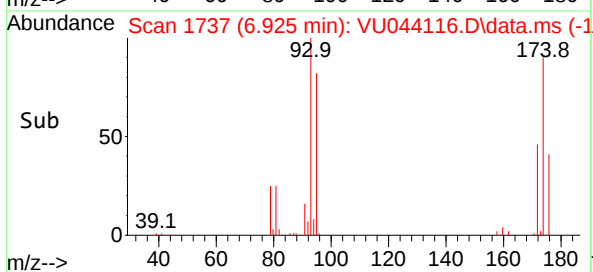
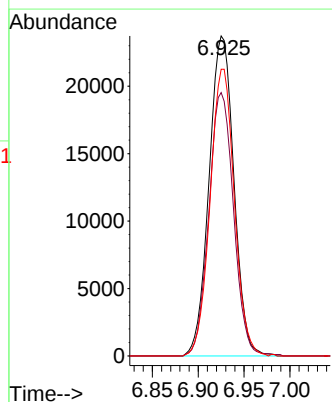
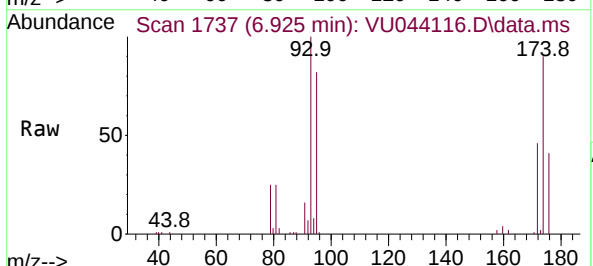
Tgt Ion: 63 Resp: 68881  
Ion Ratio Lower Upper  
63 100  
65 31.0 26.3 39.5

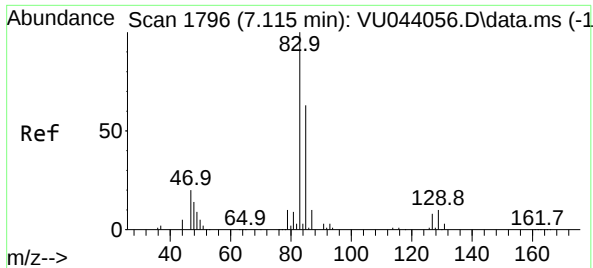


#46

Dibromomethane  
Concen: 18.733 ug/l  
RT: 6.925 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 93 Resp: 44739  
Ion Ratio Lower Upper  
93 100  
95 81.9 66.6 99.8  
174 87.5 68.1 102.1

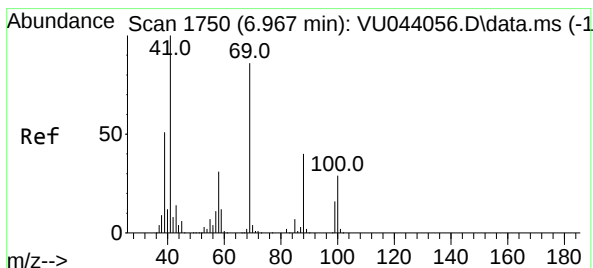
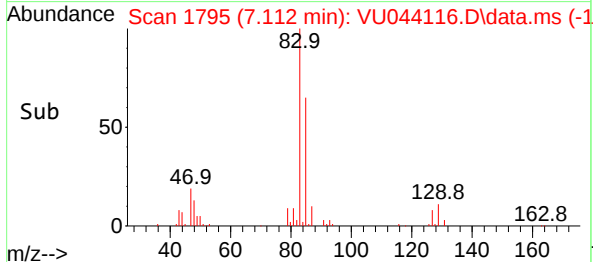
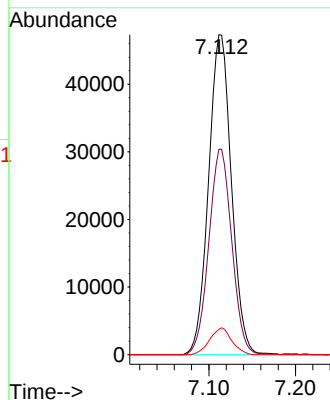
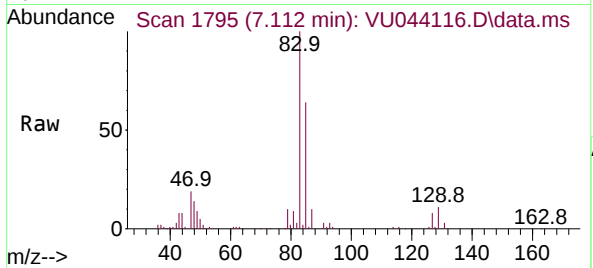




#47  
Bromodichloromethane  
Concen: 18.272 ug/l  
RT: 7.112 min Scan# 1795  
Delta R.T. -0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

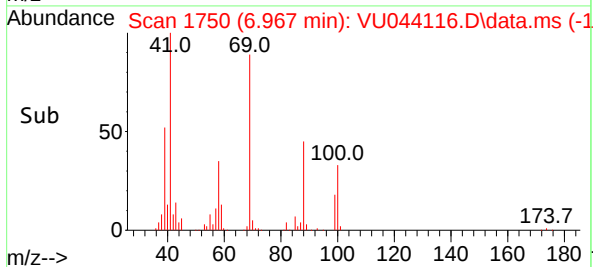
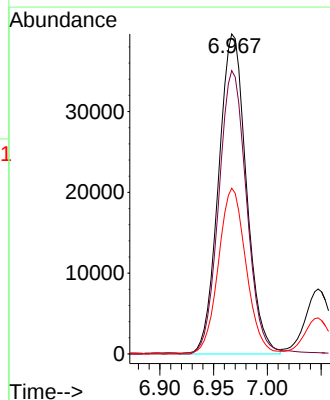
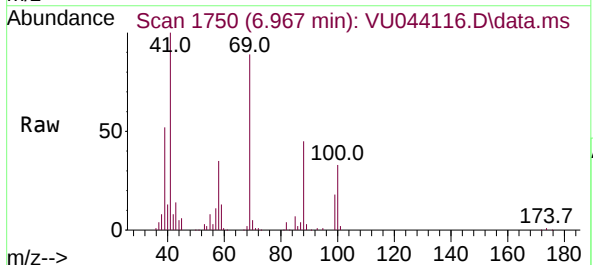
Instrument :  
MSVOA\_U  
ClientSampleId :

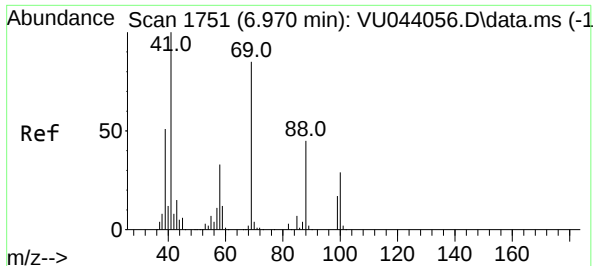
Tgt Ion: 83 Resp: 86748  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.6 75.8  
127 8.0 6.0 9.0



#48  
Methyl methacrylate  
Concen: 17.746 ug/l  
RT: 6.967 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

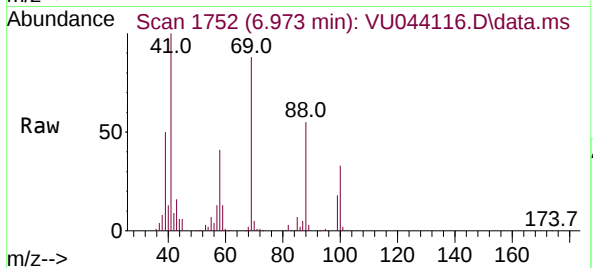
Tgt Ion: 41 Resp: 71160  
Ion Ratio Lower Upper  
41 100  
69 89.1 68.9 103.3  
39 51.7 40.6 60.8



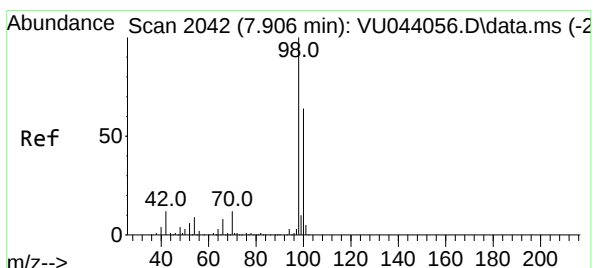
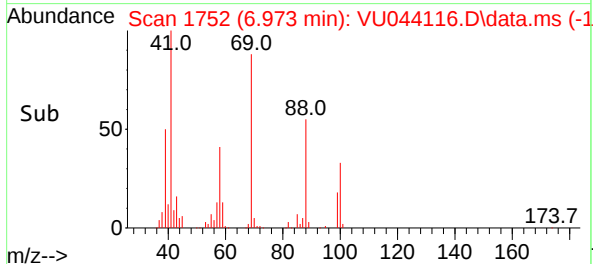
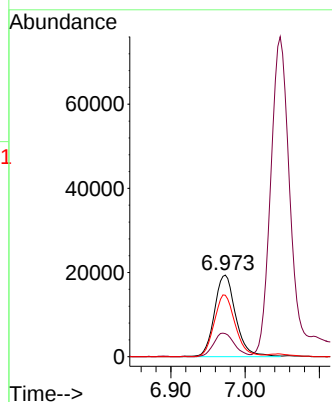


#49  
1,4-Dioxane  
Concen: 392.967 ug/l  
RT: 6.973 min Scan# 1752  
Delta R.T. 0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Instrument :  
MSVOA\_U  
ClientSampleId :

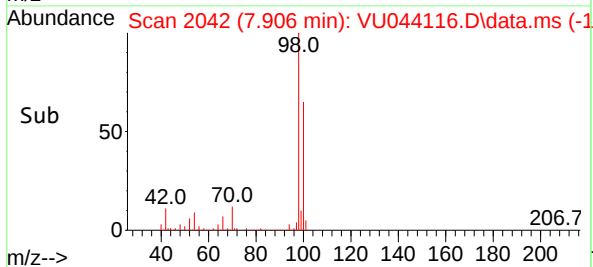
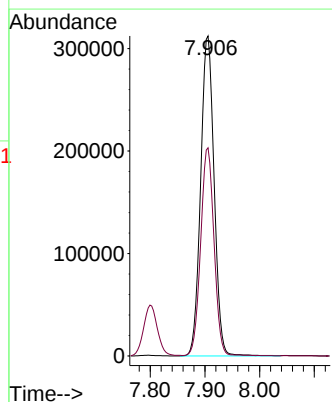
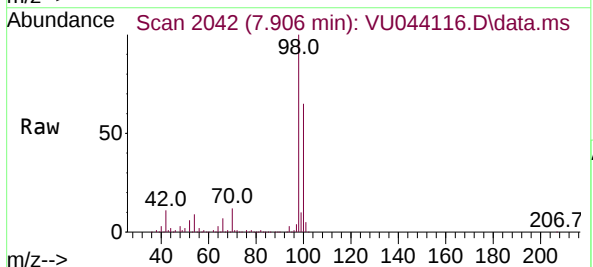


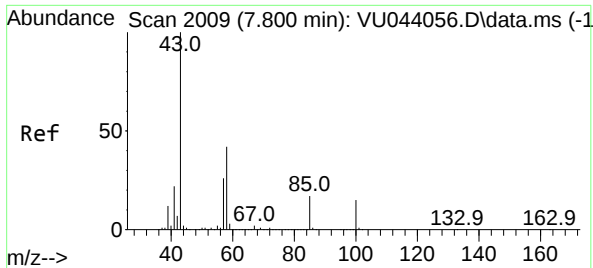
Tgt Ion: 88 Resp: 38742  
Ion Ratio Lower Upper  
88 100  
43 28.4 25.0 37.4  
58 74.6 60.0 90.0



#50  
Toluene-d8  
Concen: 47.904 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 98 Resp: 534303  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.6 77.4

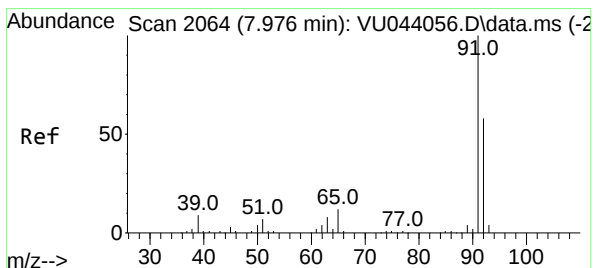
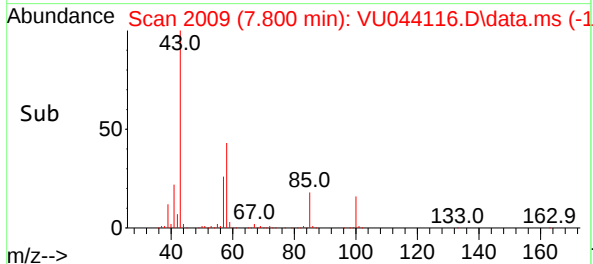
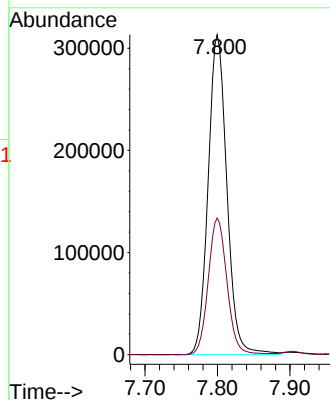
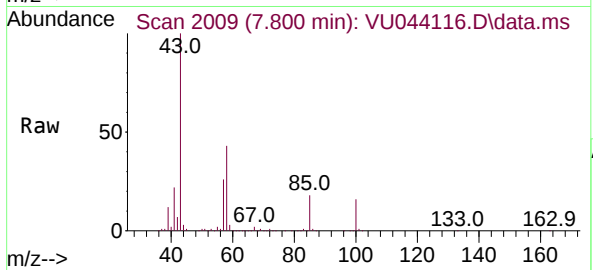




#51  
4-Methyl-2-Pentanone  
Concen: 93.177 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

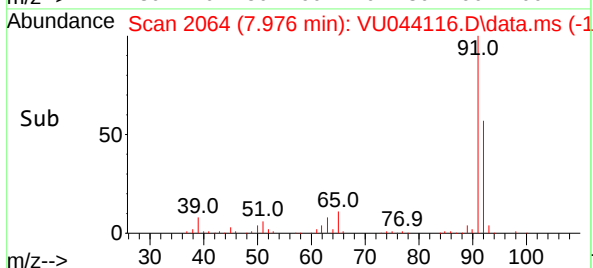
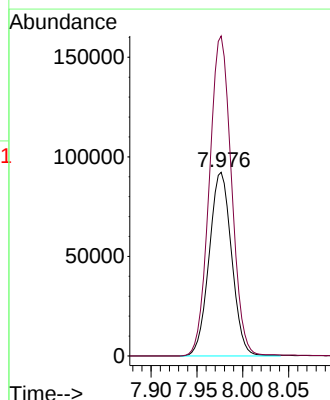
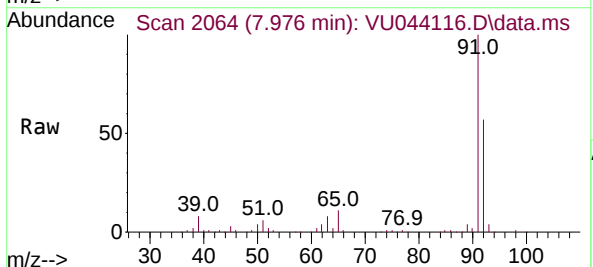
Instrument :  
MSVOA\_U  
ClientSampled :

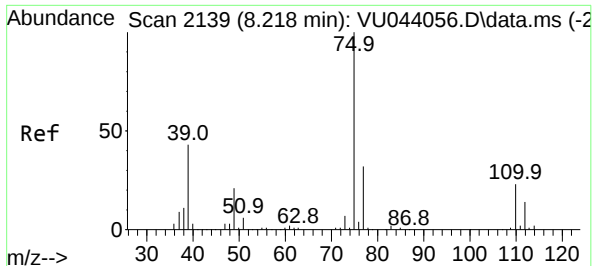
Tgt Ion: 43 Resp: 562723  
Ion Ratio Lower Upper  
43 100  
58 42.7 33.3 49.9



#52  
Toluene  
Concen: 19.579 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 92 Resp: 157222  
Ion Ratio Lower Upper  
92 100  
91 172.3 137.3 205.9

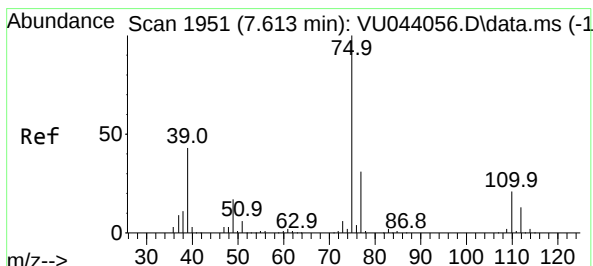
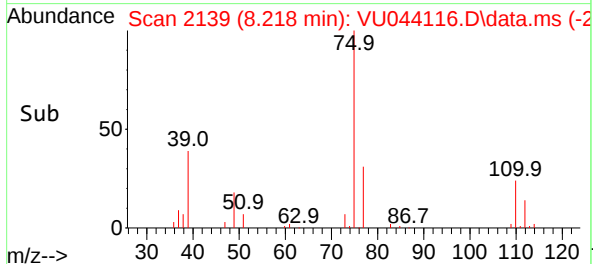
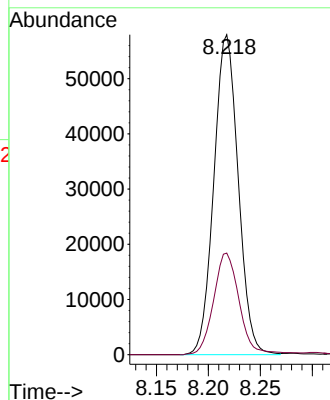
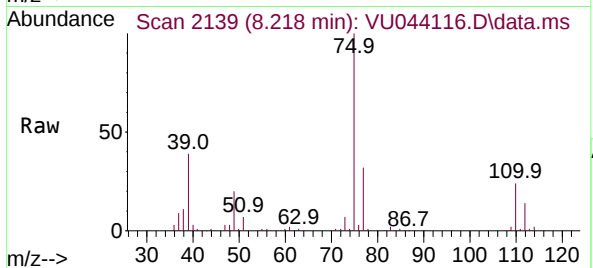




#53  
t-1,3-Dichloropropene  
Concen: 18.695 ug/l  
RT: 8.218 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

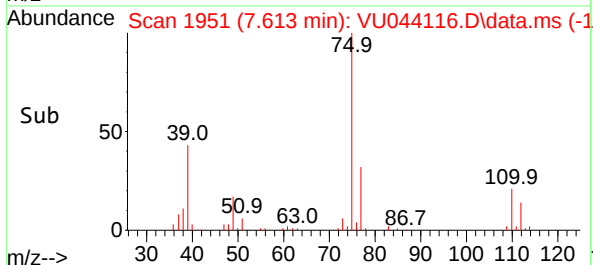
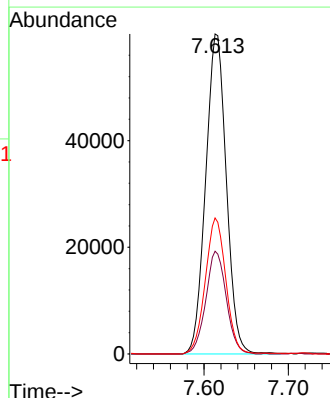
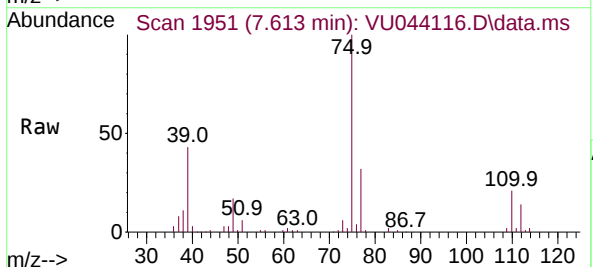
Instrument :  
MSVOA\_U  
ClientSampled :

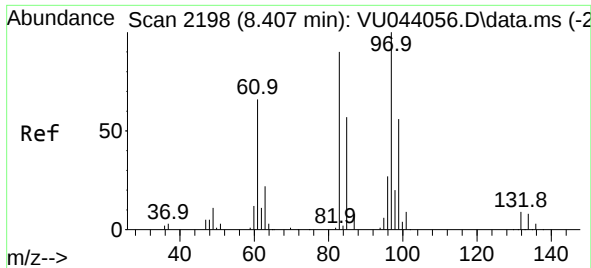
Tgt Ion: 75 Resp: 94507  
Ion Ratio Lower Upper  
75 100  
77 31.7 26.0 39.0



#54  
cis-1,3-Dichloropropene  
Concen: 18.336 ug/l  
RT: 7.613 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 75 Resp: 102362  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.0 37.4  
39 42.3 34.7 52.1

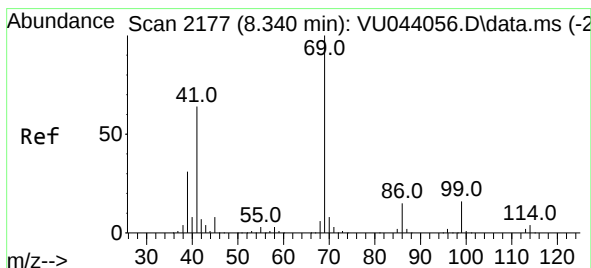
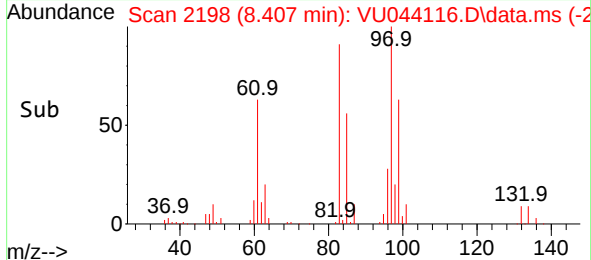
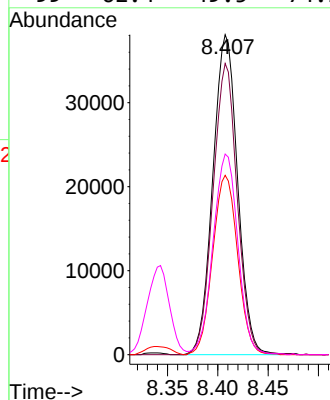
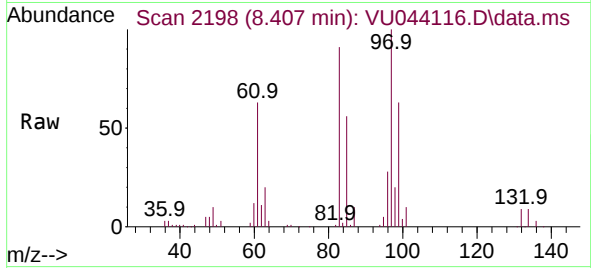




#55  
1,1,2-Trichloroethane  
Concen: 19.163 ug/l  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

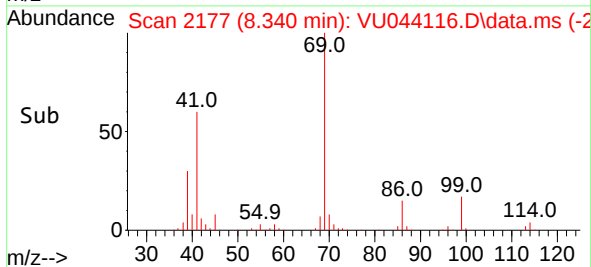
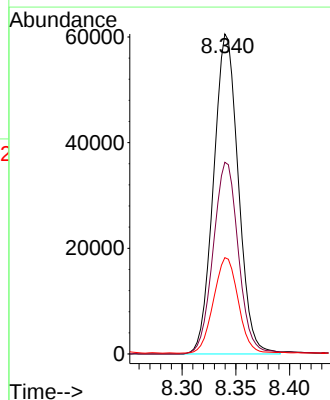
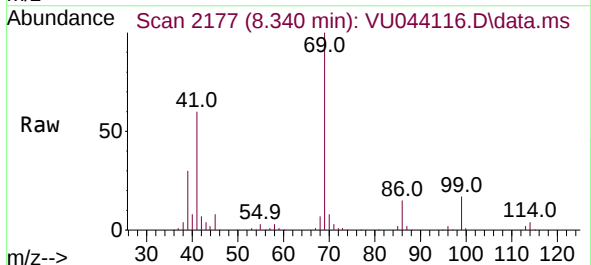
Instrument :  
MSVOA\_U  
ClientSampleId :

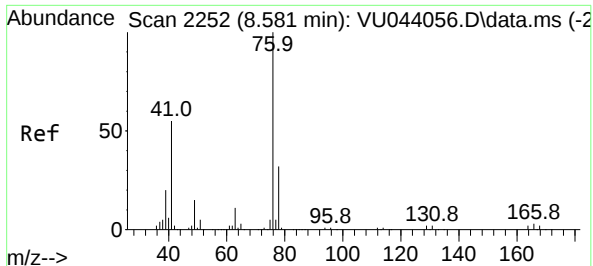
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65262 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.0  | 72.2  | 108.2 |
| 85       | 56.0  | 45.8  | 68.6  |
| 99       | 62.4  | 49.5  | 74.3  |



#56  
Ethyl methacrylate  
Concen: 18.329 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 97025 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.1  | 51.4  | 77.0  |
| 39       | 29.8  | 24.9  | 37.3  |



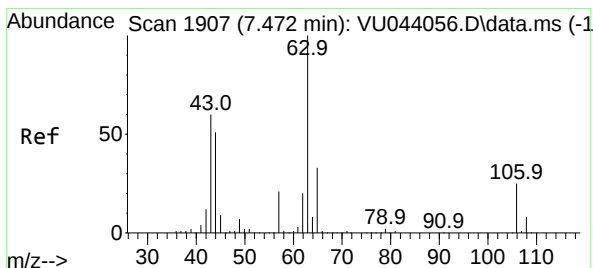
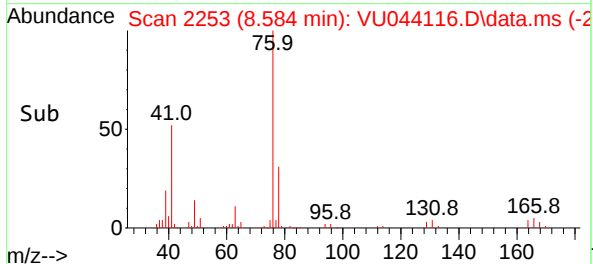
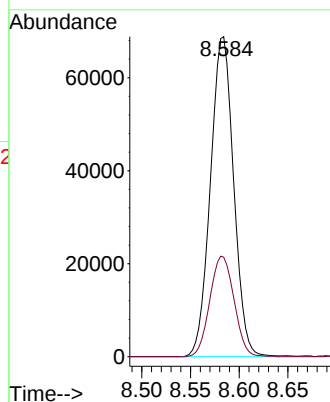
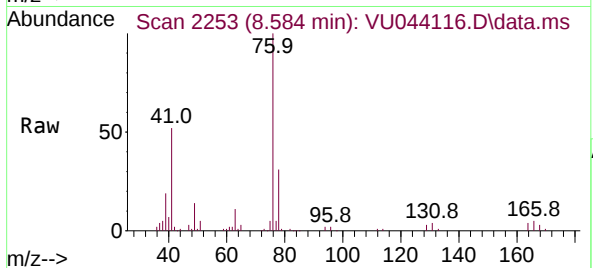


#57

1,3-Dichloropropane  
Concen: 18.559 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. 0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Instrument :  
MSVOA\_U  
ClientSampled :

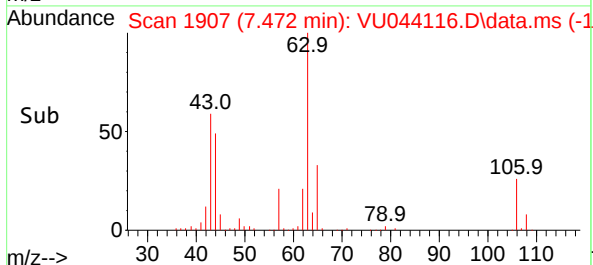
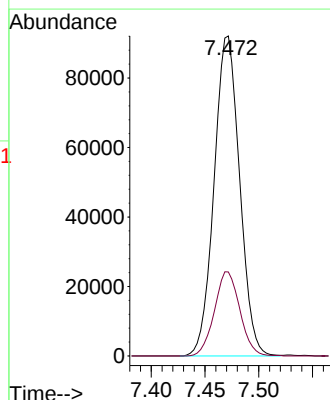
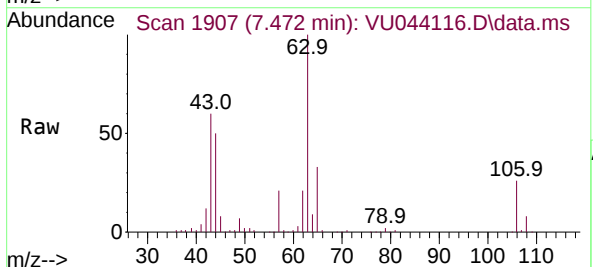
Tgt Ion: 76 Resp: 114096  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.9 38.9

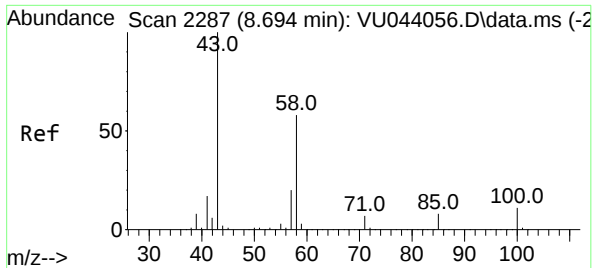


#58

2-Chloroethyl Vinyl ether  
Concen: 99.021 ug/l  
RT: 7.472 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 63 Resp: 152059  
Ion Ratio Lower Upper  
63 100  
106 26.2 19.7 29.5

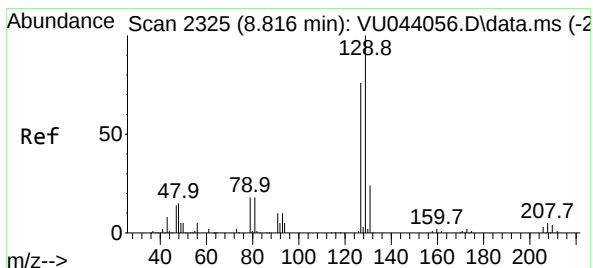
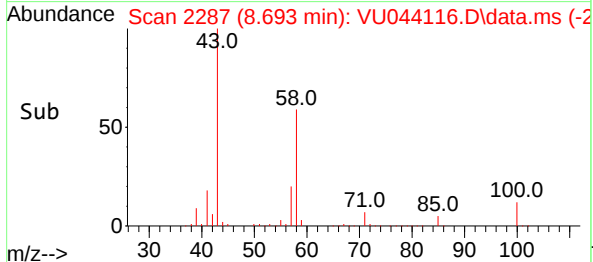
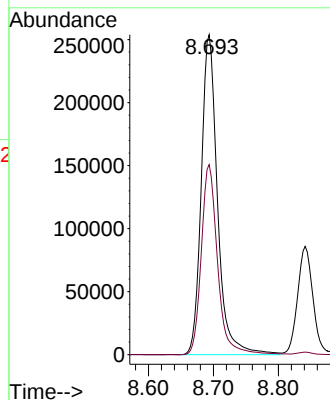
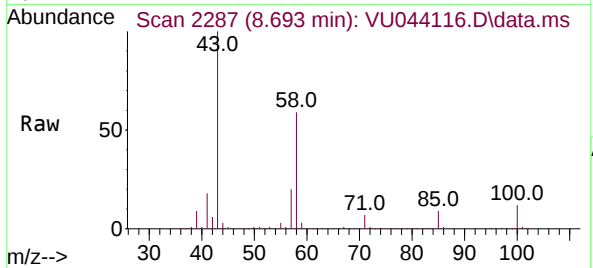




#59  
2-Hexanone  
Concen: 94.331 ug/l  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.001 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

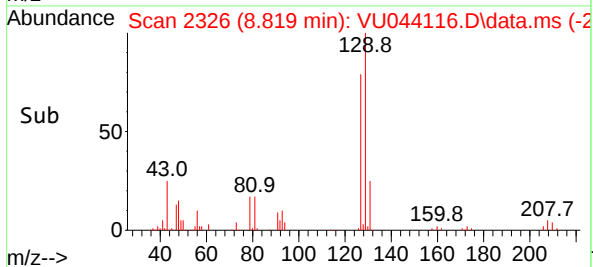
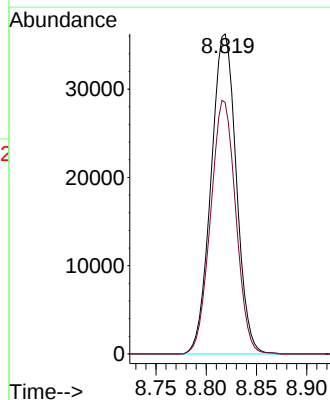
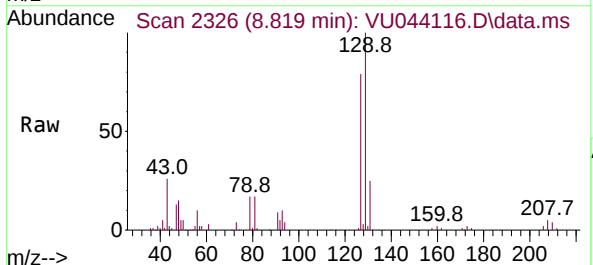
Instrument :  
MSVOA\_U  
ClientSampleId :

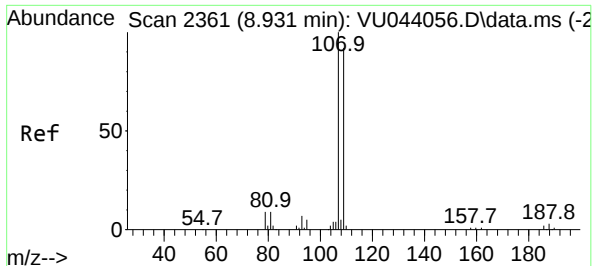
Tgt Ion: 43 Resp: 442706  
Ion Ratio Lower Upper  
43 100  
58 59.6 29.0 87.1



#60  
Dibromochloromethane  
Concen: 18.677 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:129 Resp: 63378  
Ion Ratio Lower Upper  
129 100  
127 79.0 39.0 116.9

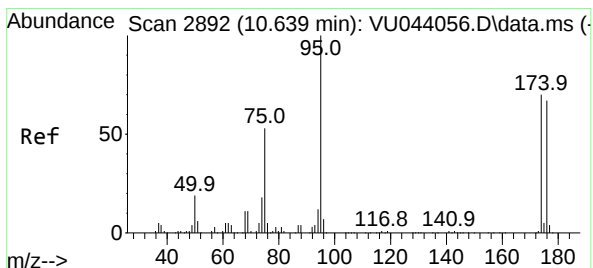
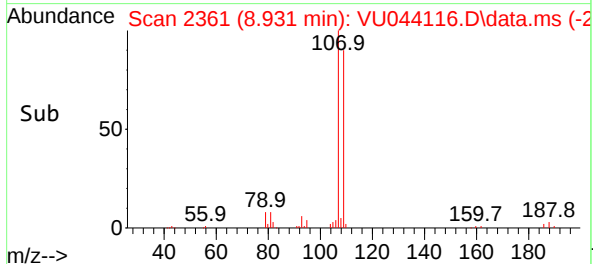
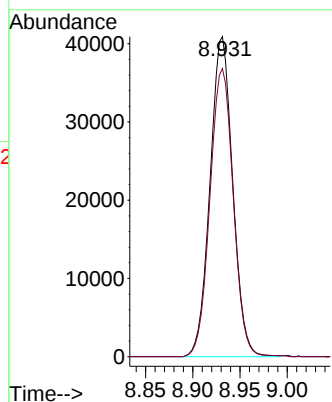
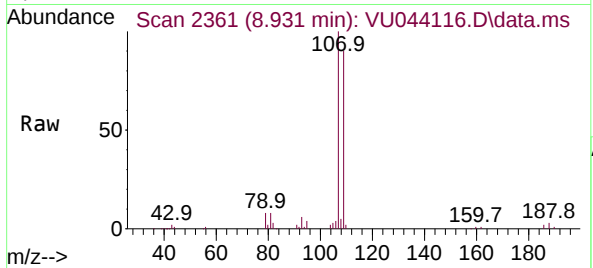




#61  
1,2-Dibromoethane  
Concen: 19.598 ug/l  
RT: 8.931 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

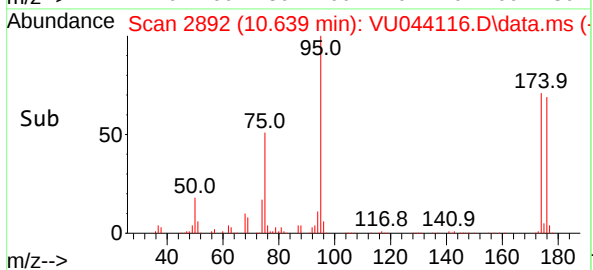
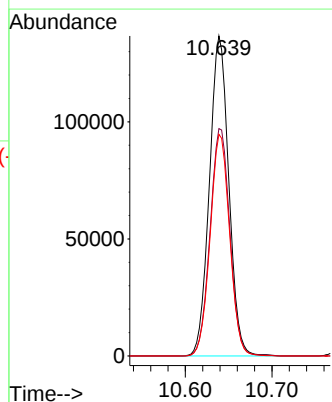
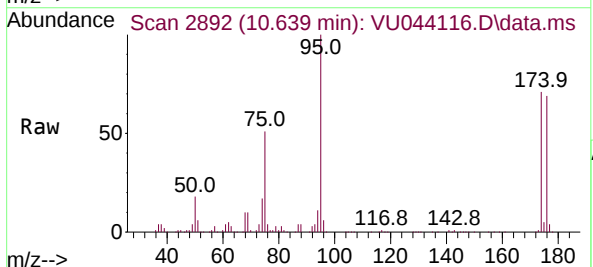
Instrument :  
MSVOA\_U  
ClientSampled :

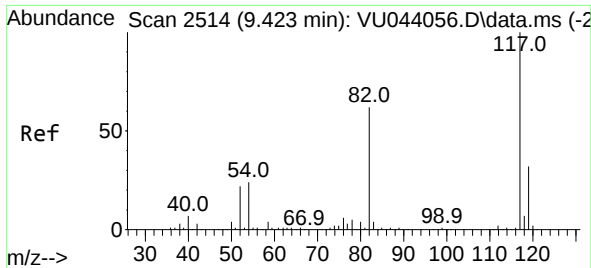
Tgt Ion:107 Resp: 68326  
Ion Ratio Lower Upper  
107 100  
109 92.3 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 48.054 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 95 Resp: 212204  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 141.0  
176 69.7 0.0 135.2

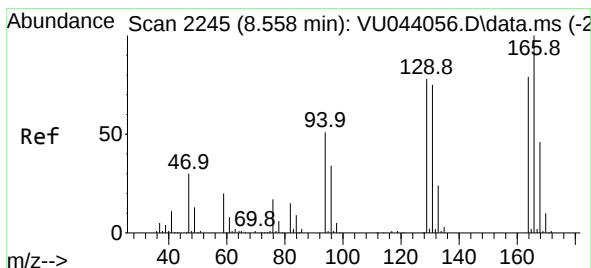
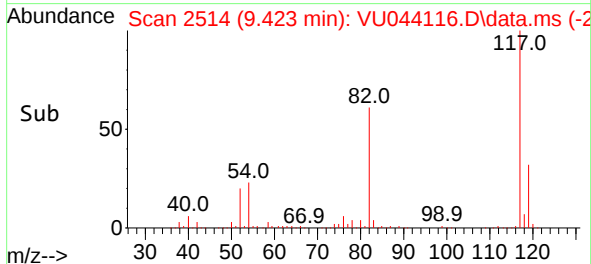
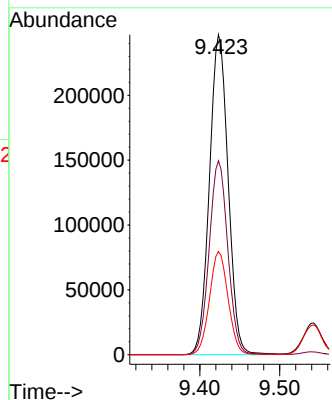
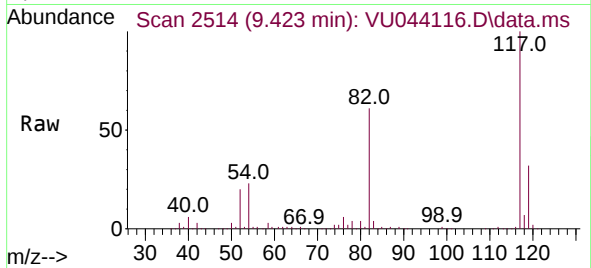




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

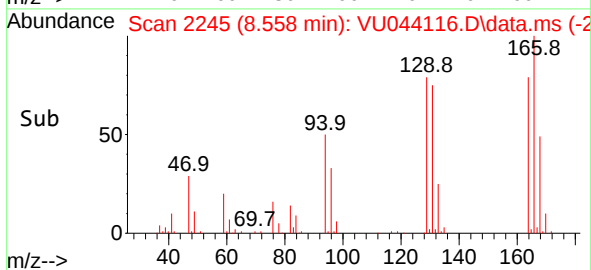
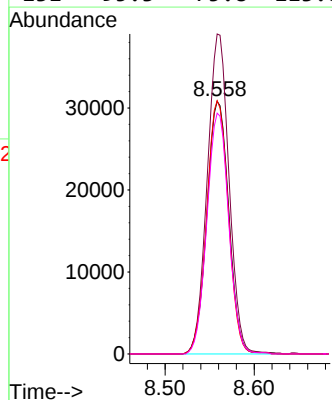
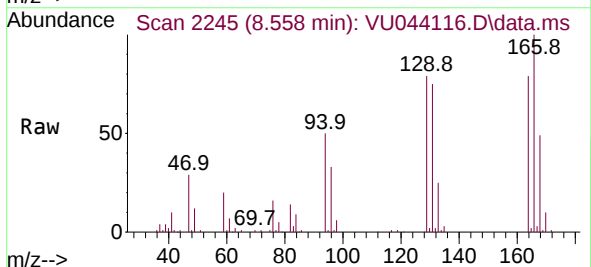
Instrument :  
MSVOA\_U  
ClientSampled :

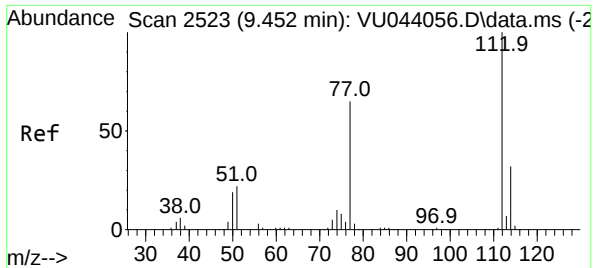
Tgt Ion:117 Resp: 401787  
Ion Ratio Lower Upper  
117 100  
82 60.6 50.0 75.0  
119 32.3 25.9 38.9



#64  
Tetrachloroethene  
Concen: 20.470 ug/l  
RT: 8.558 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:164 Resp: 52803  
Ion Ratio Lower Upper  
164 100  
166 126.7 101.4 152.0  
129 100.3 78.7 118.1  
131 95.3 75.8 113.8

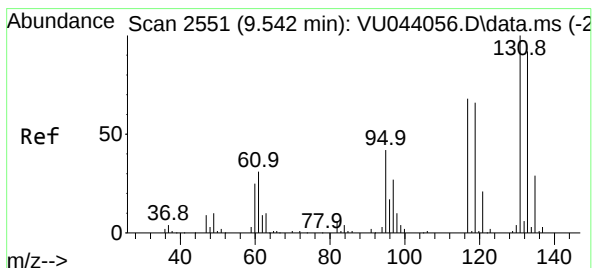
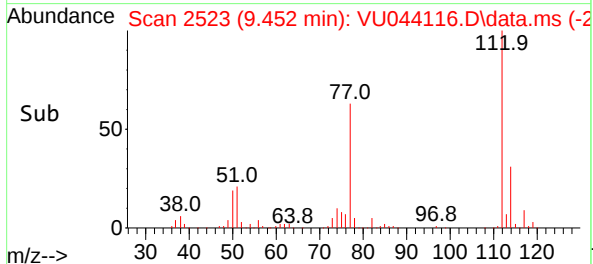
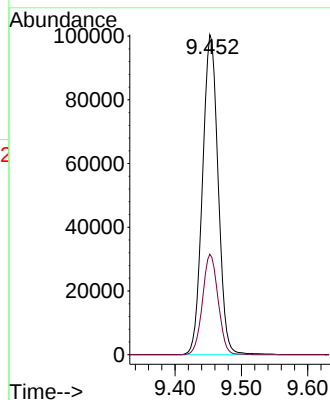
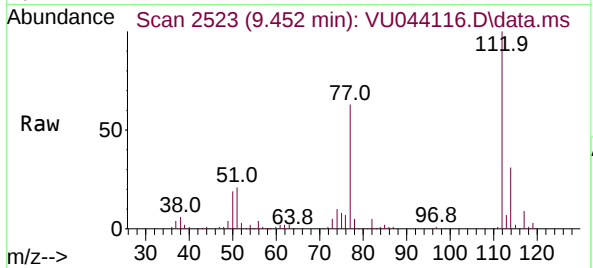




#65  
Chlorobenzene  
Concen: 19.401 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

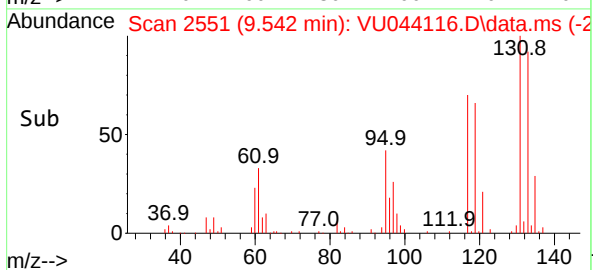
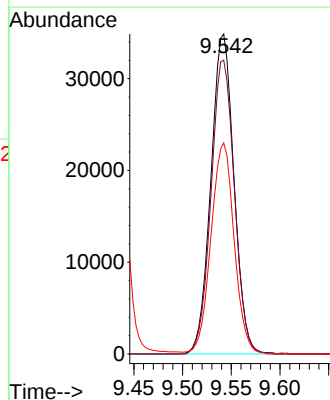
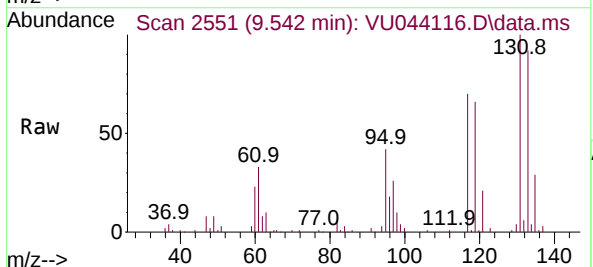
Instrument :  
MSVOA\_U  
ClientSampleId :

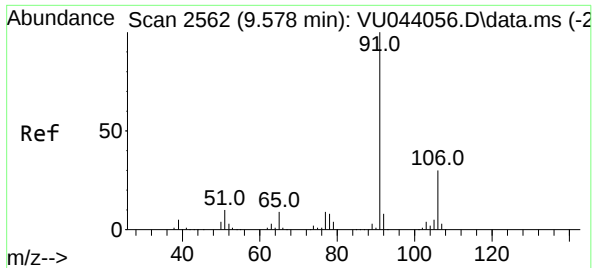
Tgt Ion:112 Resp: 164268  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.192 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:131 Resp: 57373  
Ion Ratio Lower Upper  
131 100  
133 93.1 46.9 140.6  
119 66.2 33.6 100.8





#67

Ethyl Benzene

Concen: 19.100 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU044116.D

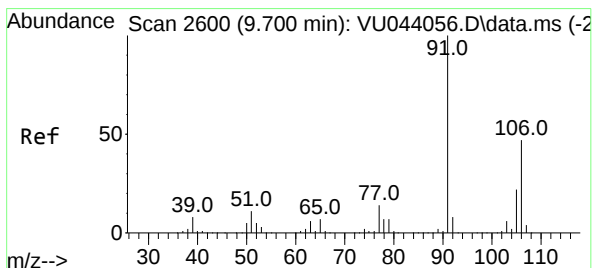
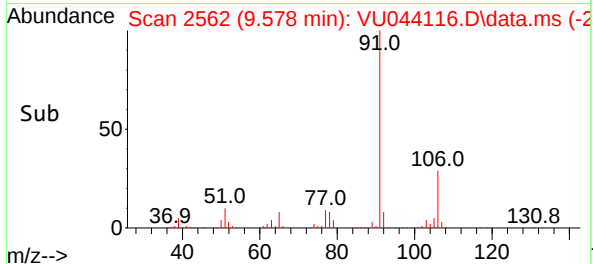
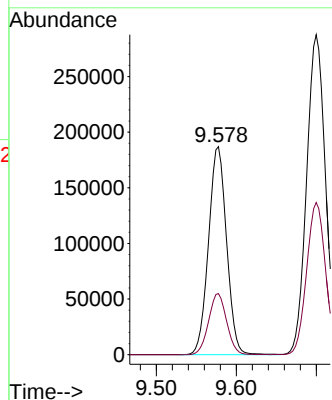
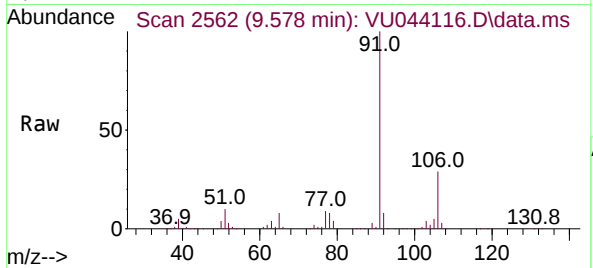
Acq: 08 Jun 2021 16:33

Tgt Ion: 91 Resp: 293780

Ion Ratio Lower Upper

91 100

106 29.4 23.6 35.4



#68

m/p-Xylenes

Concen: 39.610 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU044116.D

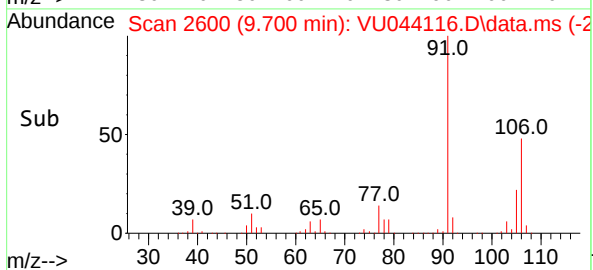
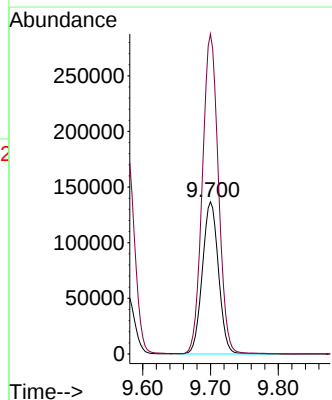
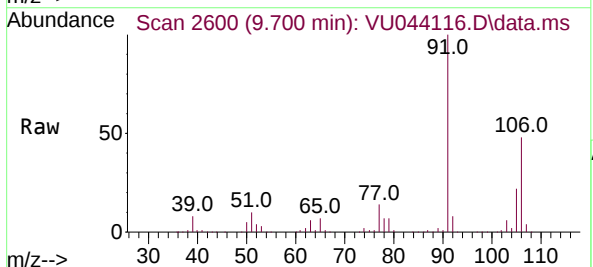
Acq: 08 Jun 2021 16:33

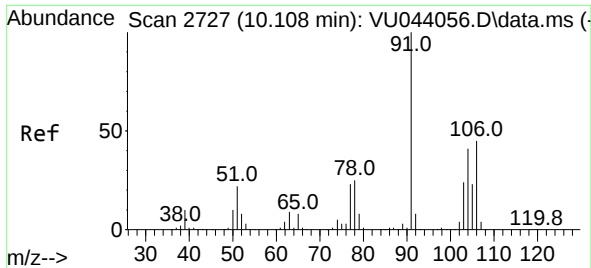
Tgt Ion:106 Resp: 225783

Ion Ratio Lower Upper

106 100

91 209.3 170.0 255.0

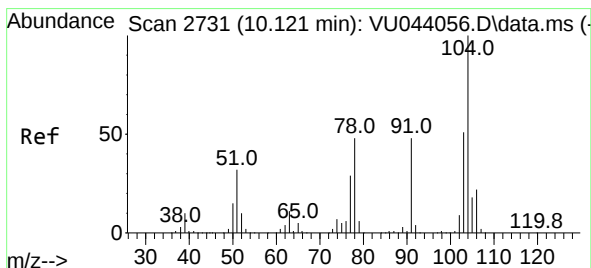
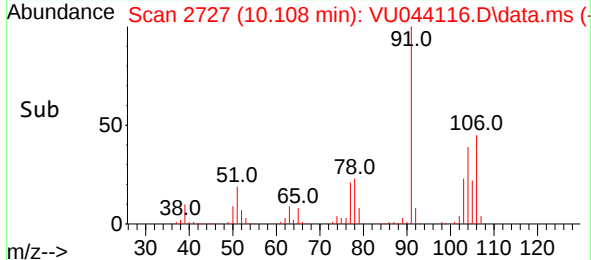
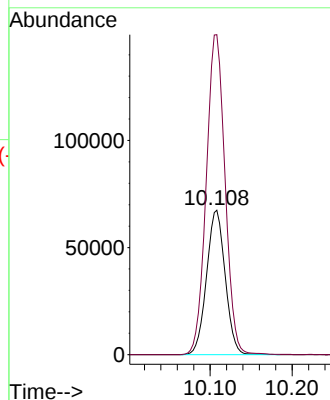
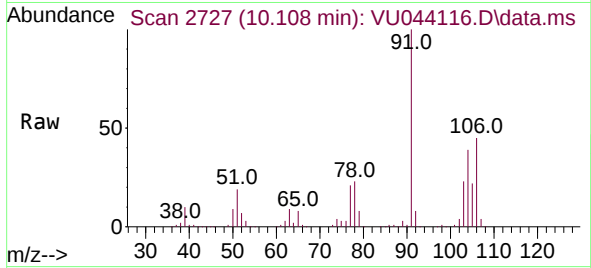




#69  
o-Xylene  
Concen: 19.470 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

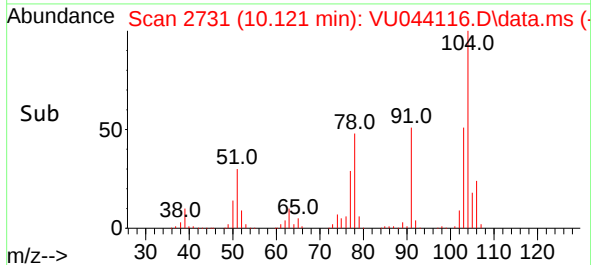
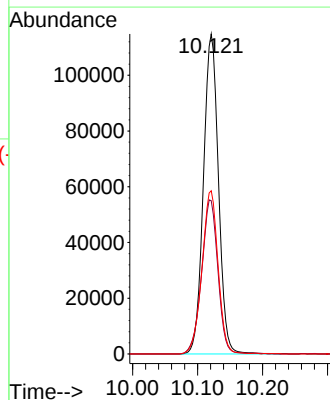
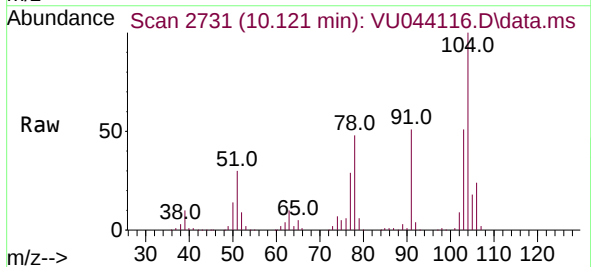
Instrument :  
MSVOA\_U  
ClientSampleId :

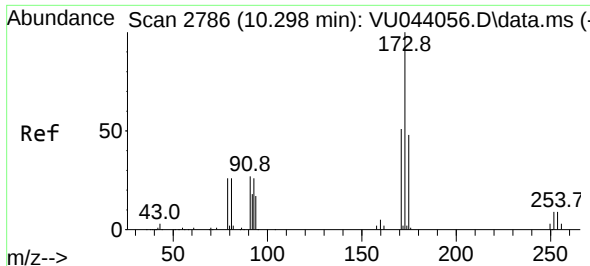
Tgt Ion:106 Resp: 106313  
Ion Ratio Lower Upper  
106 100  
91 224.0 111.2 333.6



#70  
Styrene  
Concen: 19.827 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:104 Resp: 185250  
Ion Ratio Lower Upper  
104 100  
78 51.9 42.2 63.2  
103 54.6 43.4 65.0

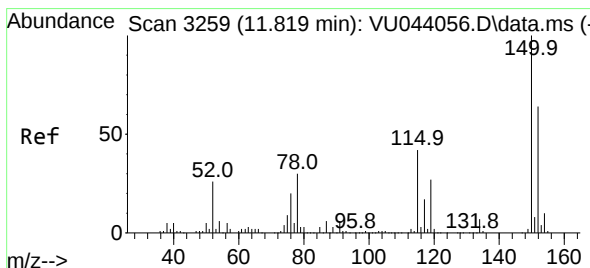
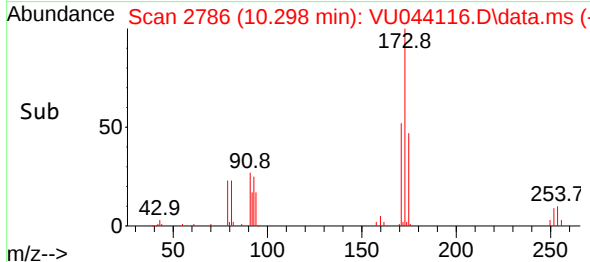
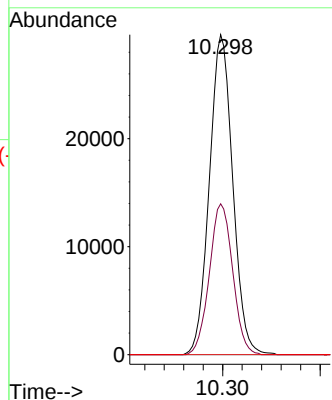
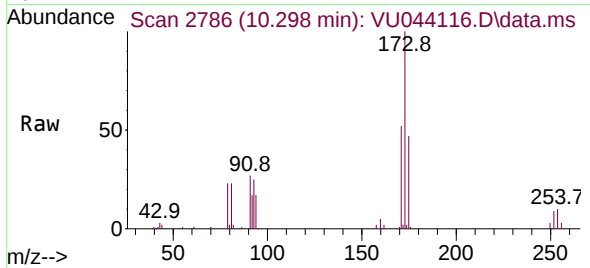




#71  
Bromoform  
Concen: 18.925 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

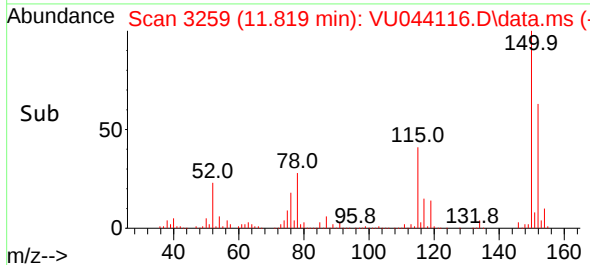
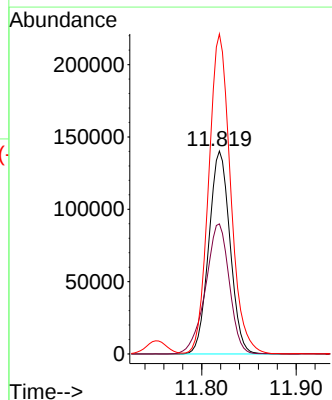
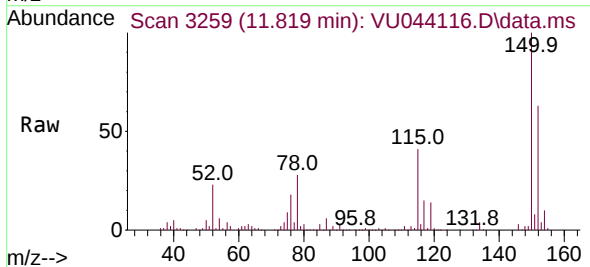
Instrument :  
MSVOA\_U  
ClientSampled :

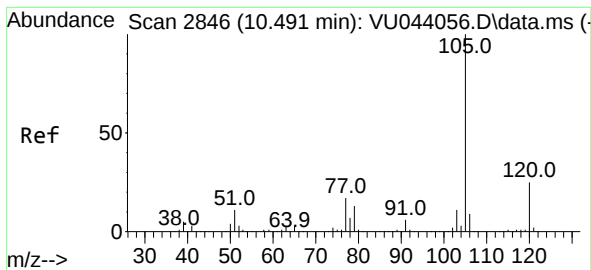
Tgt Ion:173 Resp: 49366  
Ion Ratio Lower Upper  
173 100  
175 47.0 24.4 73.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:152 Resp: 218001  
Ion Ratio Lower Upper  
152 100  
115 71.9 44.6 134.0  
150 162.8 0.0 347.8





#73

Isopropylbenzene

Concen: 19.815 ug/l

RT: 10.491 min Scan# 2846

Delta R.T. -0.000 min

Lab File: VU044116.D

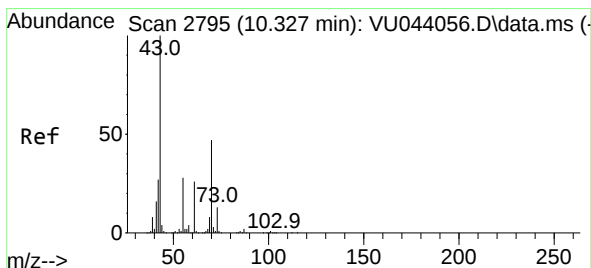
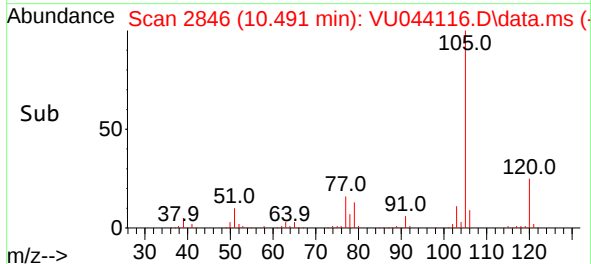
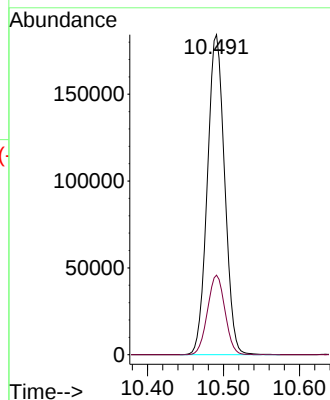
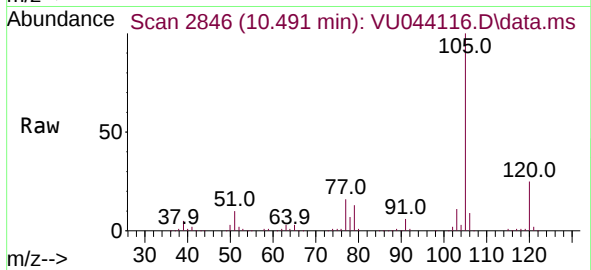
Acq: 08 Jun 2021 16:33

Tgt Ion:105 Resp: 290686

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.3



#74

N-ethyl acetate

Concen: 17.691 ug/l

RT: 10.327 min Scan# 2795

Delta R.T. -0.000 min

Lab File: VU044116.D

Acq: 08 Jun 2021 16:33

Tgt Ion: 43 Resp: 118814

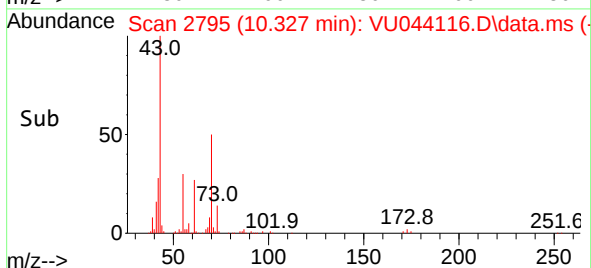
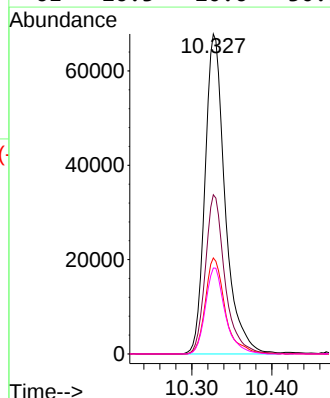
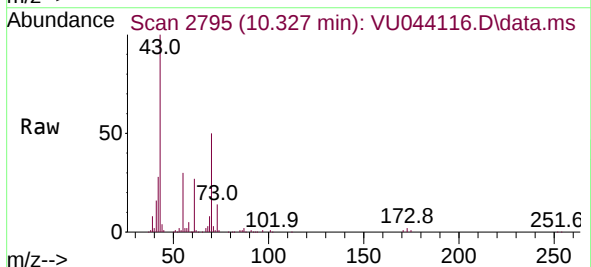
Ion Ratio Lower Upper

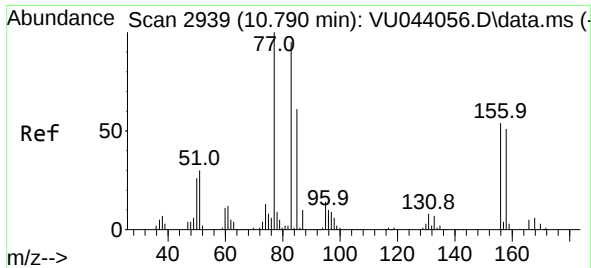
43 100

70 48.6 37.3 55.9

55 29.5 23.0 34.4

61 26.3 20.6 30.8

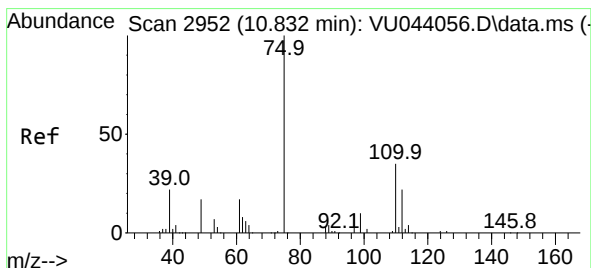
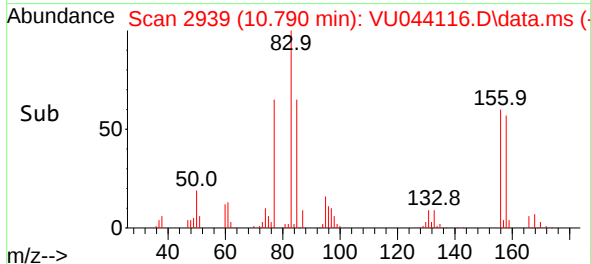
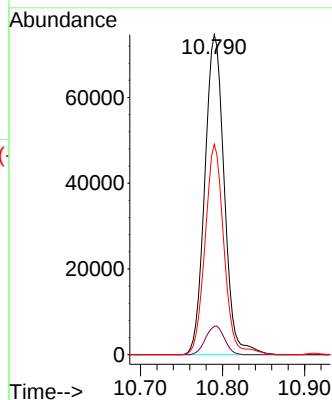
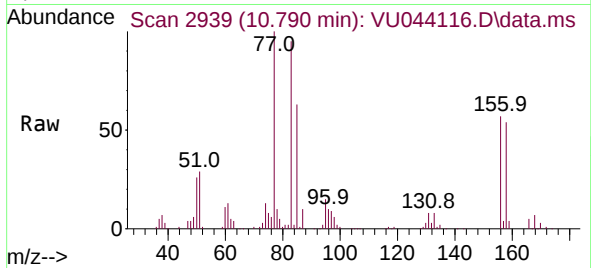




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.408 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

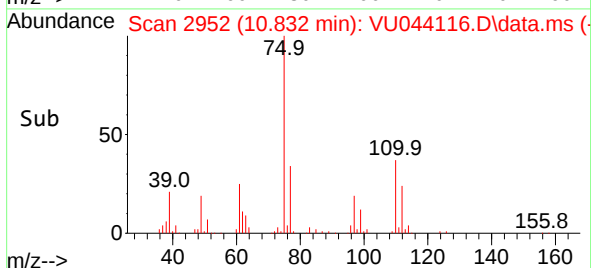
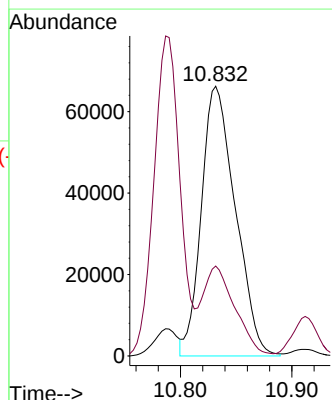
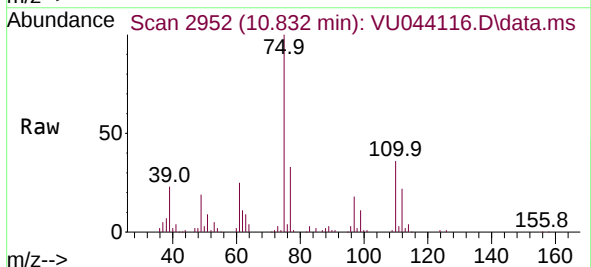
Instrument :  
MSVOA\_U  
ClientSampleId :

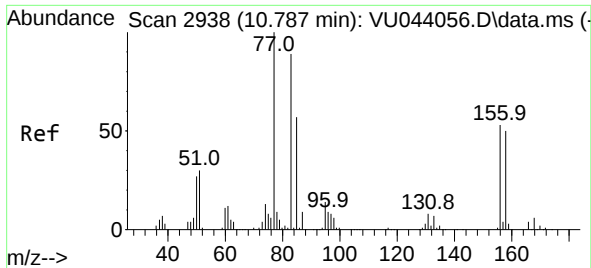
Tgt Ion: 83 Resp: 122737  
Ion Ratio Lower Upper  
83 100  
131 8.7 4.3 12.8  
85 63.8 31.7 95.1



#76  
1,2,3-Trichloropropane  
Concen: 23.033 ug/l  
RT: 10.832 min Scan# 2952  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 75 Resp: 140462  
Ion Ratio Lower Upper  
75 100  
77 30.4 16.9 50.6

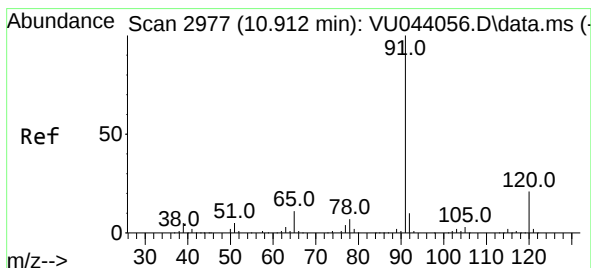
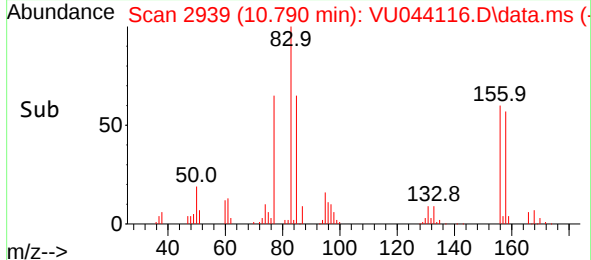
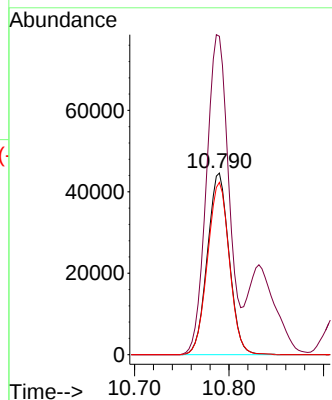
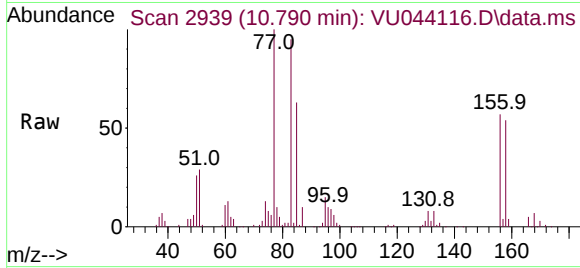




#77  
Bromobenzene  
Concen: 20.141 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.003 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

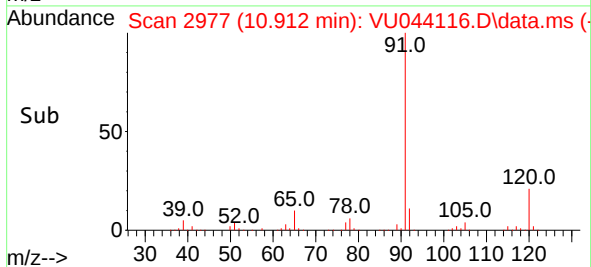
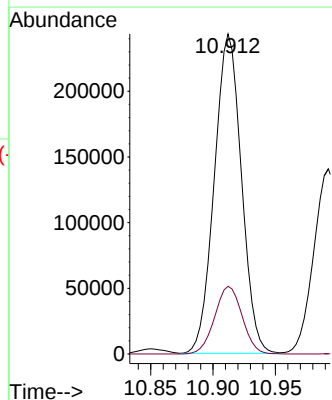
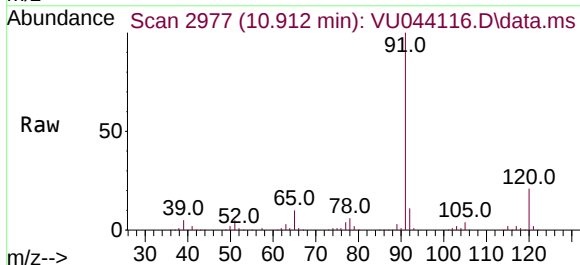
Instrument :  
MSVOA\_U  
ClientSampled :

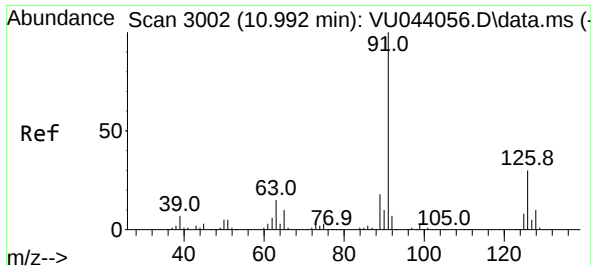
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 180.1 | 95.3  | 286.1 |
| 158     | 95.7  | 47.6  | 142.9 |



#78  
n-propylbenzene  
Concen: 19.420 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.5  | 10.4  | 31.4  |

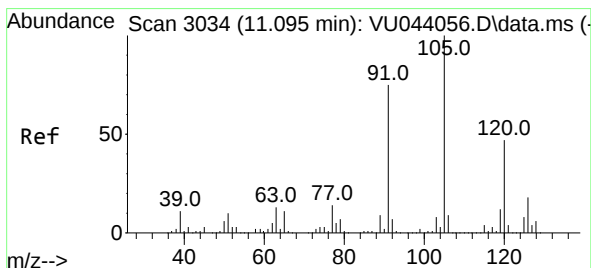
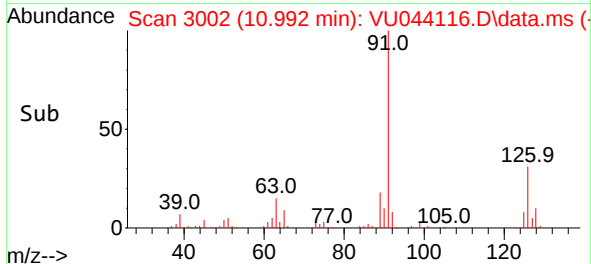
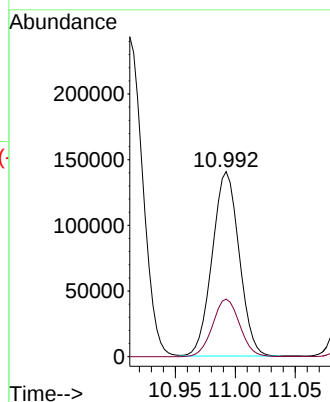
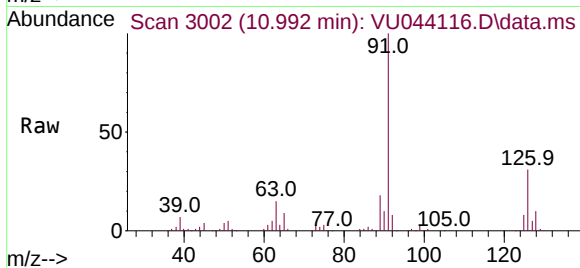




#79  
2-Chlorotoluene  
Concen: 19.296 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

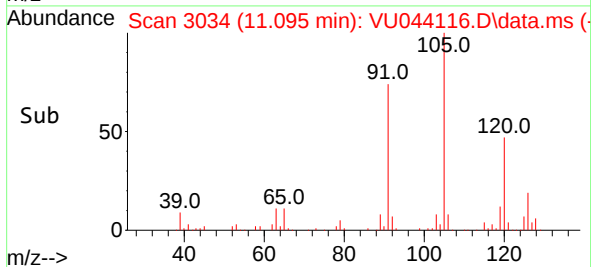
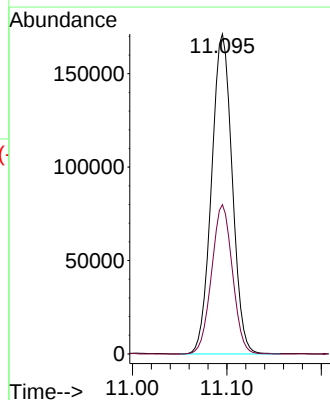
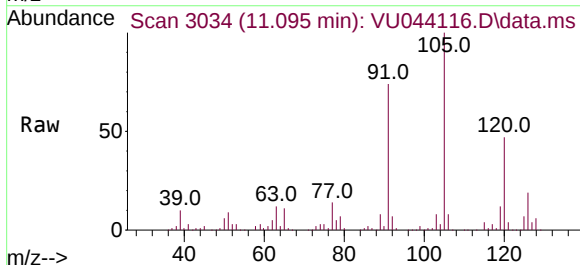
Instrument :  
MSVOA\_U  
ClientSampled :

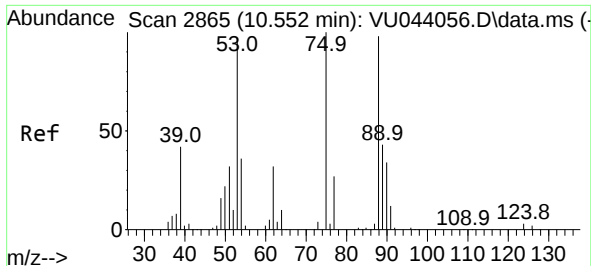
Tgt Ion: 91 Resp: 218980  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.3 45.8



#80  
1,3,5-Trimethylbenzene  
Concen: 19.933 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

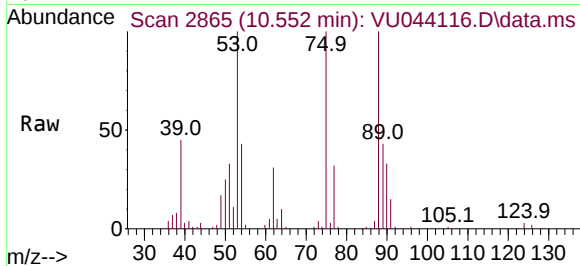
Tgt Ion: 105 Resp: 260214  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.4 70.2



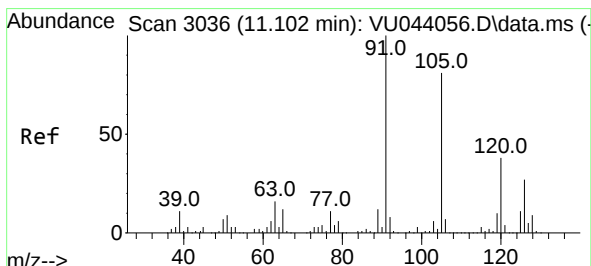
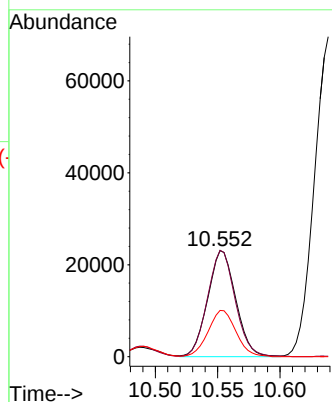
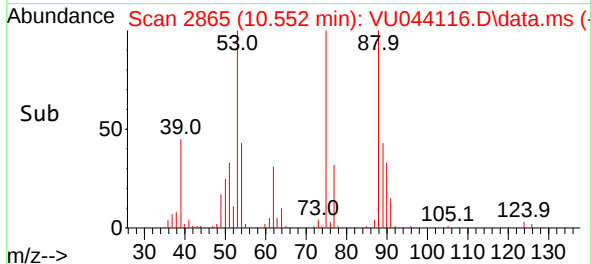


#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.335 ug/l  
RT: 10.552 min Scan# 2865  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

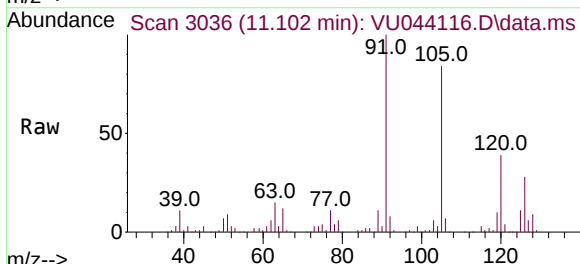
Instrument :  
MSVOA\_U  
ClientSampleId :



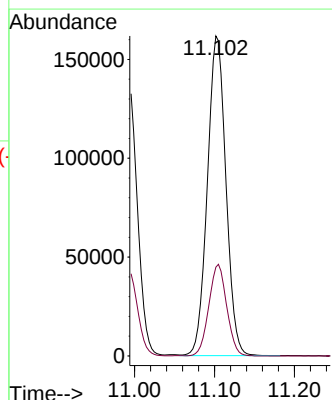
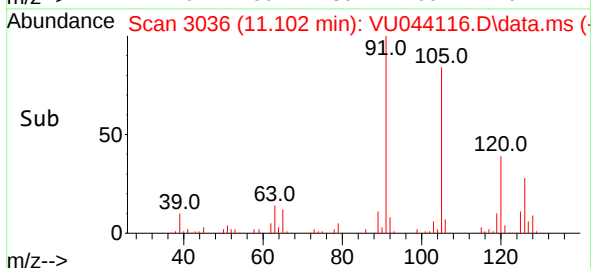
Tgt Ion: 75 Resp: 36205  
Ion Ratio Lower Upper  
75 100  
53 99.0 76.9 115.3  
89 43.3 33.8 50.8

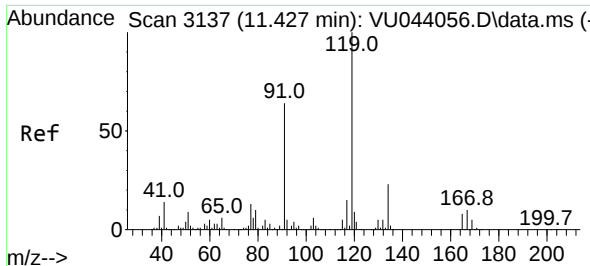


#82  
4-Chlorotoluene  
Concen: 19.626 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33



Tgt Ion: 91 Resp: 260672  
Ion Ratio Lower Upper  
91 100  
126 27.6 13.4 40.1

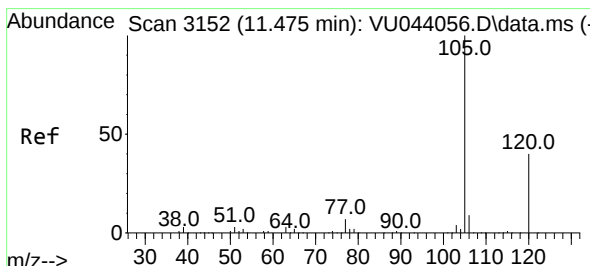
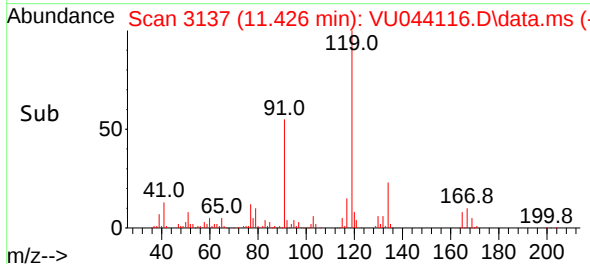
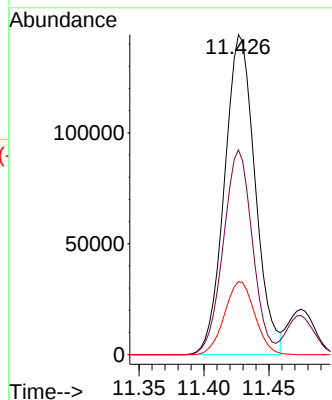
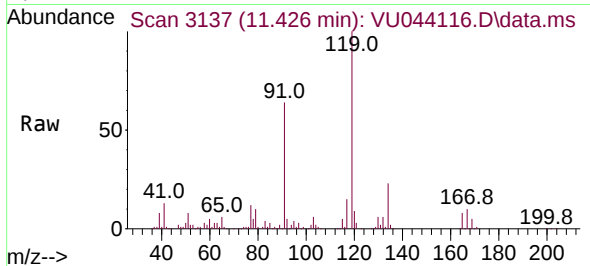




#83  
tert-Butylbenzene  
Concen: 19.523 ug/l  
RT: 11.426 min Scan# 3137  
Delta R.T. -0.001 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

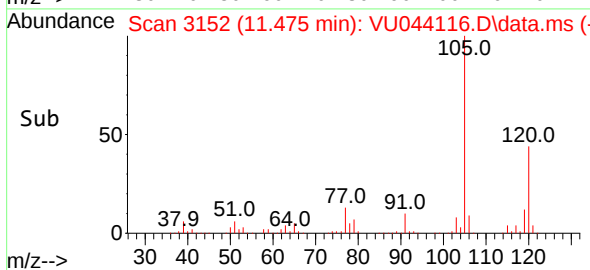
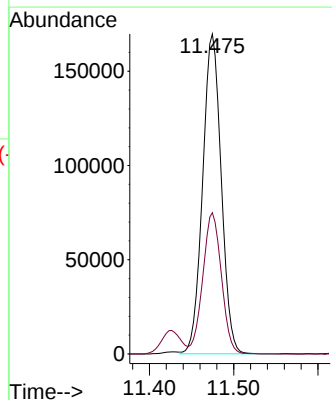
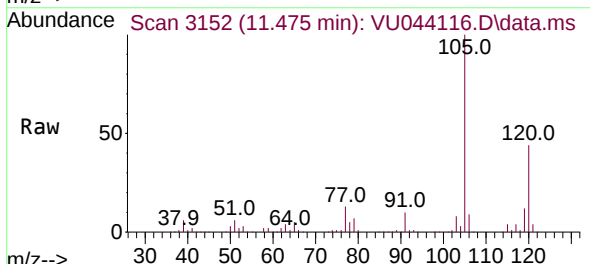
Instrument :  
MSVOA\_U  
ClientSampleId :

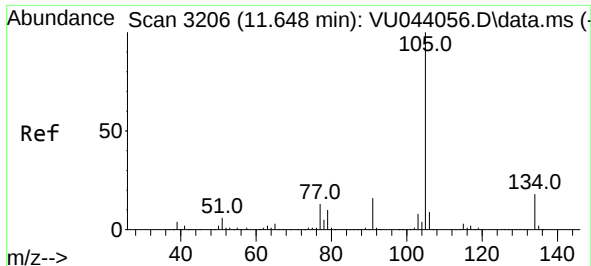
Tgt Ion:119 Resp: 236680  
Ion Ratio Lower Upper  
119 100  
91 61.0 30.6 92.0  
134 22.6 11.2 33.6



#84  
1,2,4-Trimethylbenzene  
Concen: 19.079 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion:105 Resp: 260233  
Ion Ratio Lower Upper  
105 100  
120 44.4 21.9 65.7

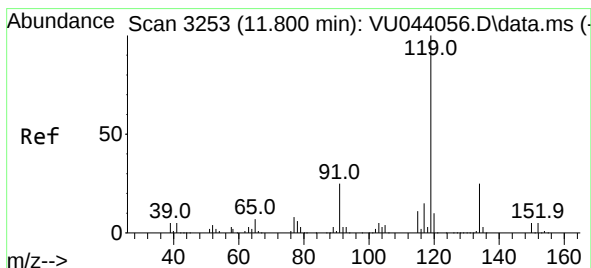
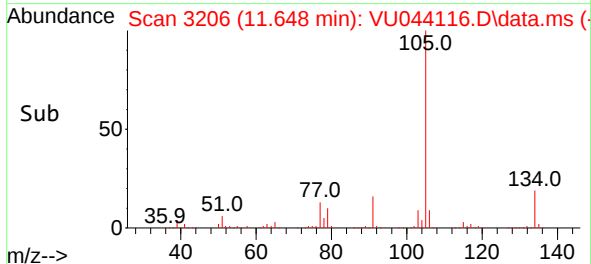
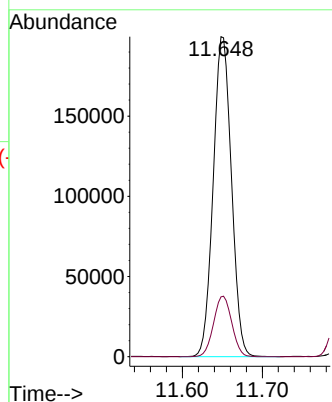
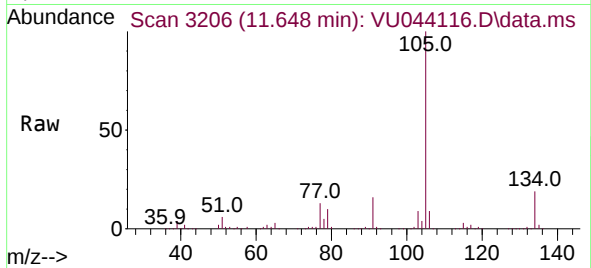




#85  
 sec-Butylbenzene  
 Concen: 19.947 ug/l  
 RT: 11.648 min Scan# 3206  
 Delta R.T. 0.000 min  
 Lab File: VU044116.D  
 Acq: 08 Jun 2021 16:33

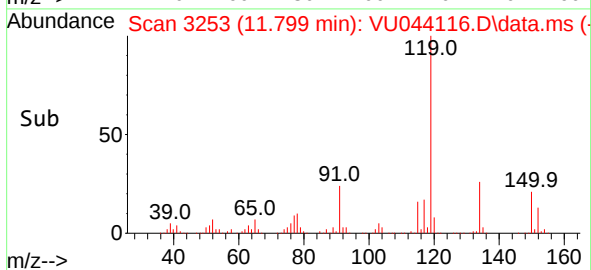
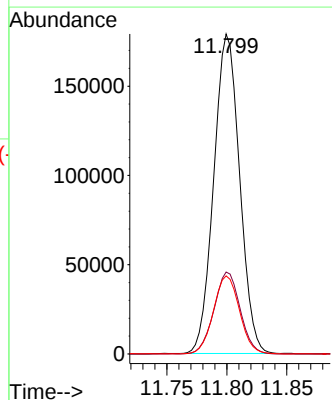
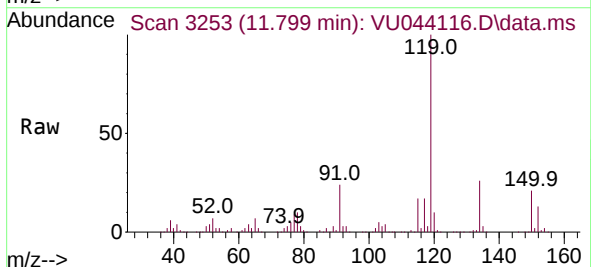
Instrument :  
 MSVOA\_U  
 ClientSampleId :

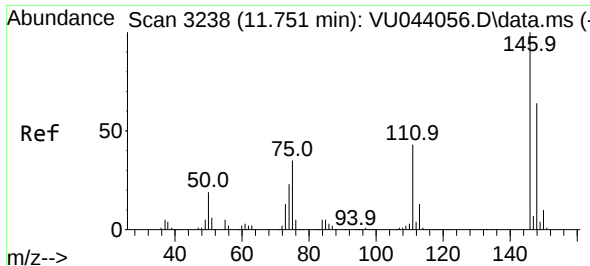
Tgt Ion:105 Resp: 315500  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.3 27.9



#86  
 p-Isopropyltoluene  
 Concen: 19.941 ug/l  
 RT: 11.799 min Scan# 3253  
 Delta R.T. -0.001 min  
 Lab File: VU044116.D  
 Acq: 08 Jun 2021 16:33

Tgt Ion:119 Resp: 268001  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.5 37.5  
 91 24.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.498 ug/l

RT: 11.751 min Scan# 3238

Delta R.T. 0.000 min

Lab File: VU044116.D

Acq: 08 Jun 2021 16:33

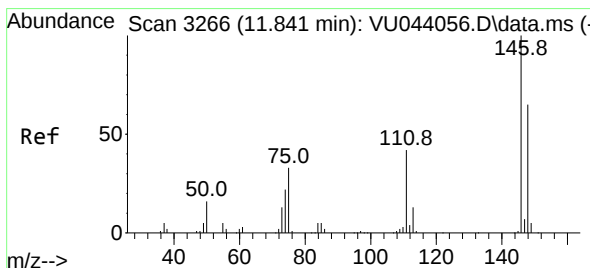
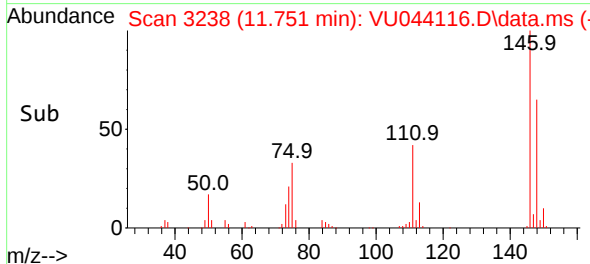
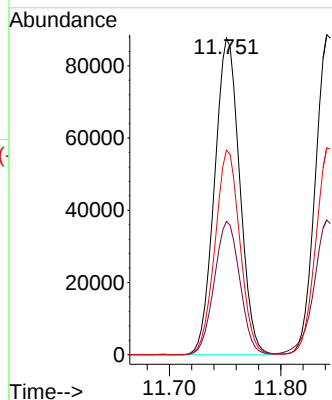
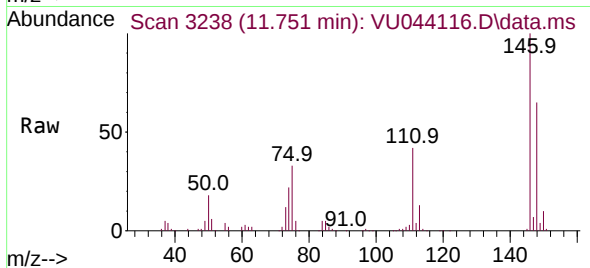
Tgt Ion:146 Resp: 137373

Ion Ratio Lower Upper

146 100

111 42.8 21.8 65.4

148 64.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 18.838 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.000 min

Lab File: VU044116.D

Acq: 08 Jun 2021 16:33

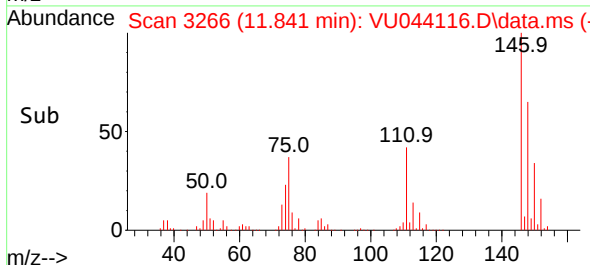
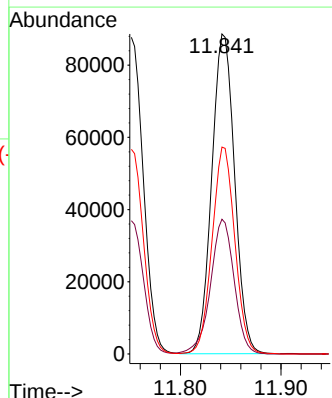
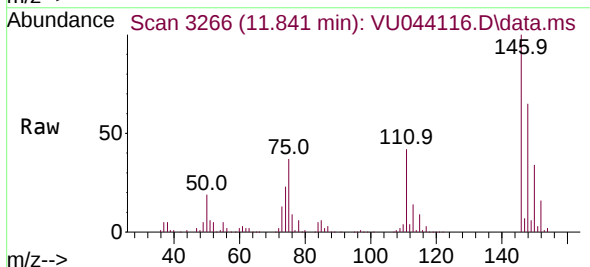
Tgt Ion:146 Resp: 140152

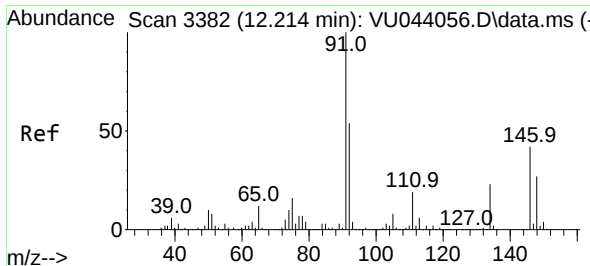
Ion Ratio Lower Upper

146 100

111 43.5 21.4 64.3

148 64.6 32.4 97.2

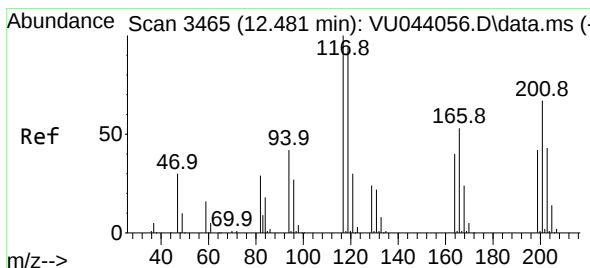
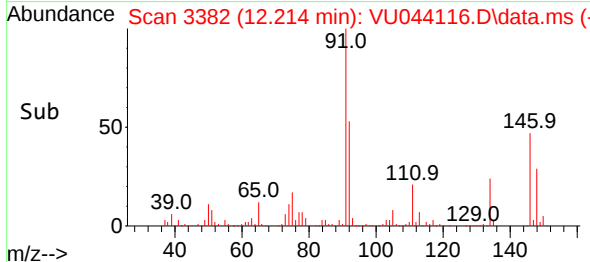
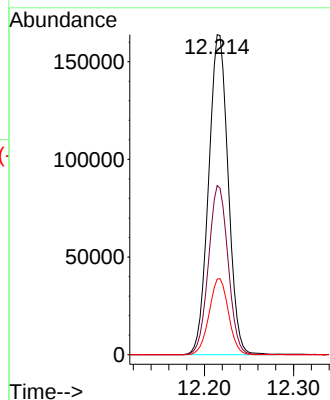
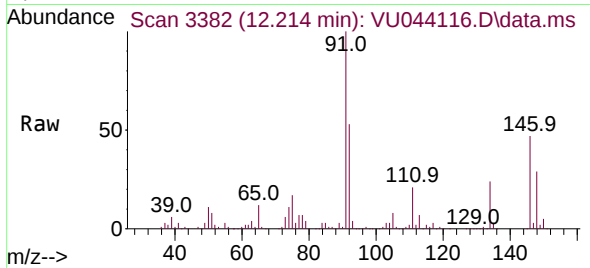




#89  
n-Butylbenzene  
Concen: 18.376 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

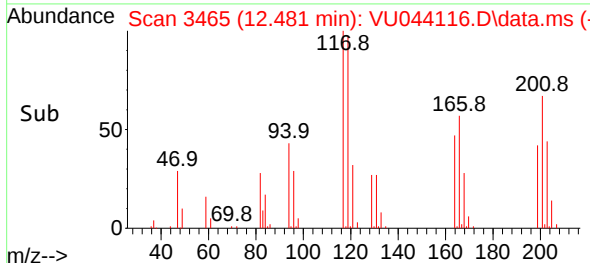
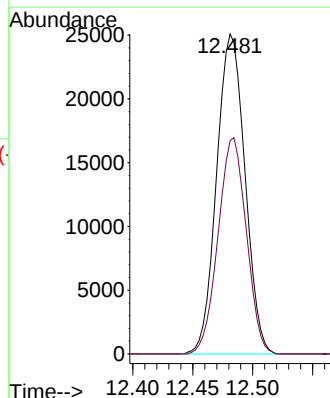
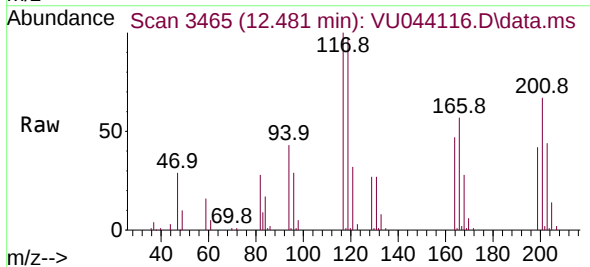
Instrument :  
MSVOA\_U  
ClientSampled :

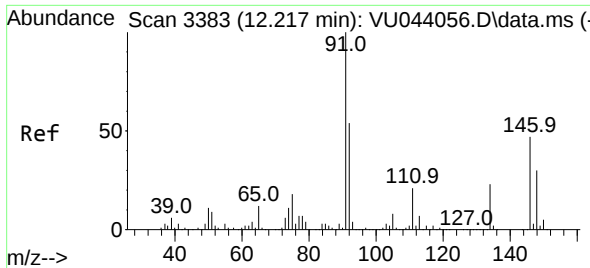
Tgt Ion: 91 Resp: 249663  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.8 80.4  
134 23.4 11.4 34.2



#90  
Hexachloroethane  
Concen: 17.896 ug/l  
RT: 12.481 min Scan# 3465  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 117 Resp: 41239  
Ion Ratio Lower Upper  
117 100  
201 67.3 33.9 101.7

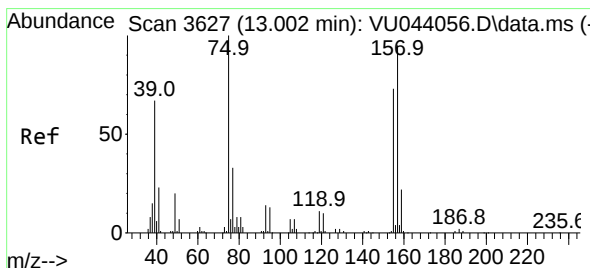
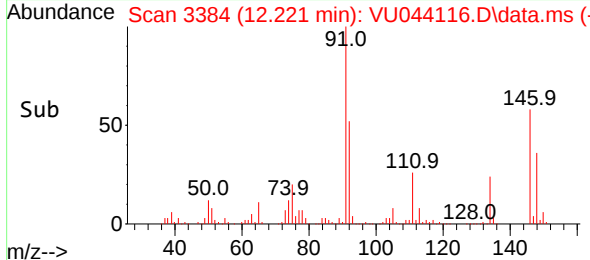
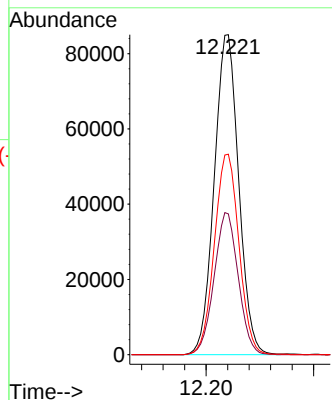
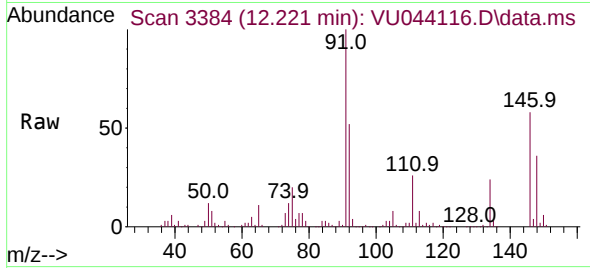




#91  
1,2-Dichlorobenzene  
Concen: 19.187 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.004 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

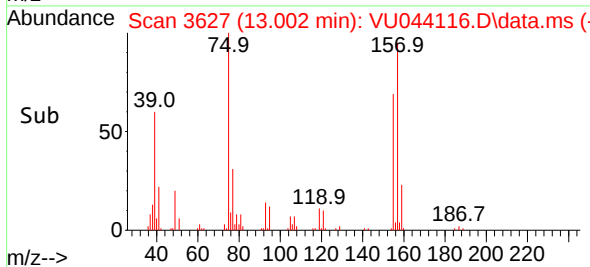
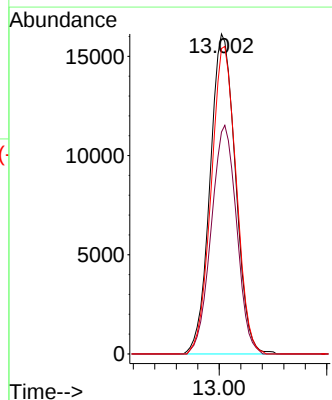
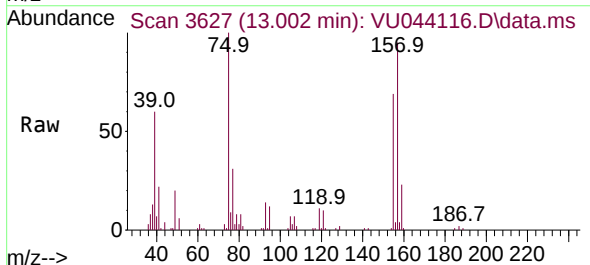
Instrument :  
MSVOA\_U  
ClientSampleId :

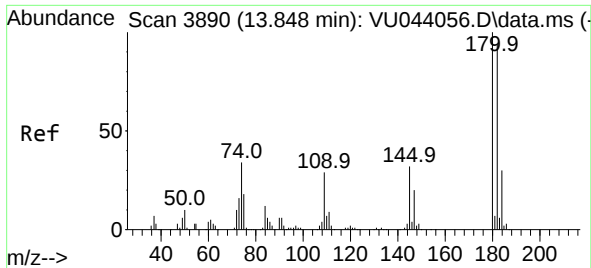
Tgt Ion:146 Resp: 134182  
Ion Ratio Lower Upper  
146 100  
111 43.9 22.3 66.9  
148 63.1 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.067 ug/l  
RT: 13.002 min Scan# 3627  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

Tgt Ion: 75 Resp: 26403  
Ion Ratio Lower Upper  
75 100  
155 71.4 36.0 108.1  
157 94.7 46.6 139.7

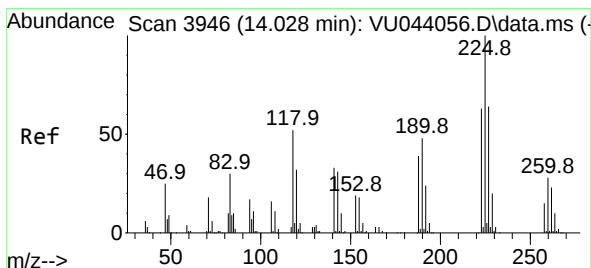
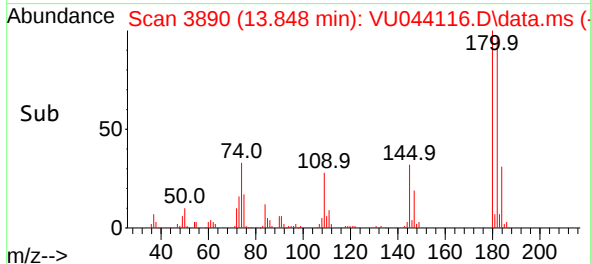
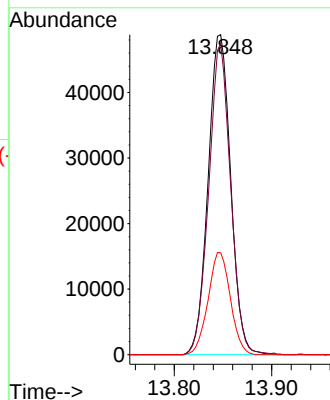
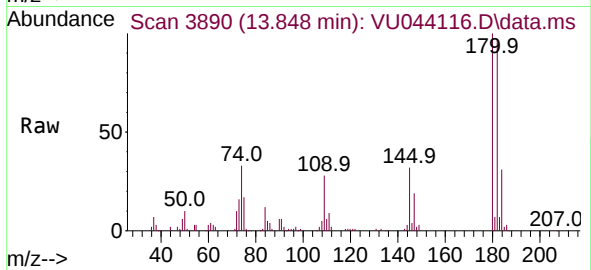




#93  
1,2,4-Trichlorobenzene  
Concen: 19.162 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

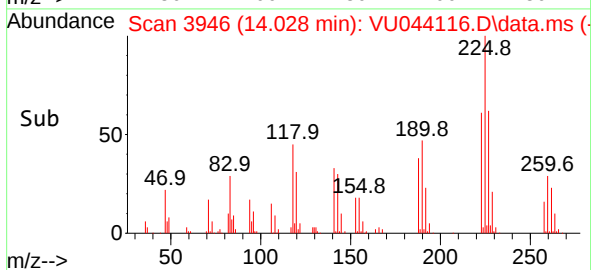
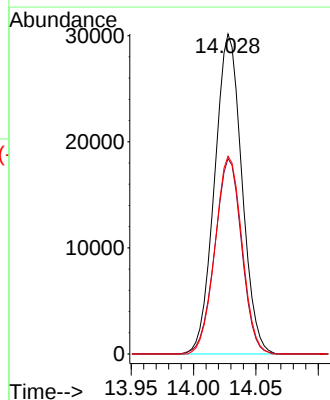
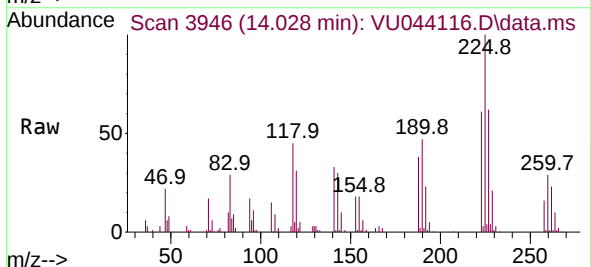
Instrument :  
MSVOA\_U  
ClientSampled :

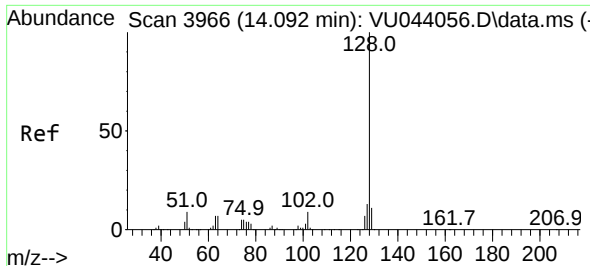
Tgt Ion:180 Resp: 78494  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.1 141.3  
145 31.6 16.0 47.9



#94  
Hexachlorobutadiene  
Concen: 19.664 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

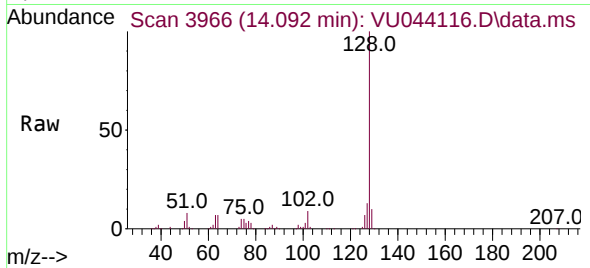
Tgt Ion:225 Resp: 45922  
Ion Ratio Lower Upper  
225 100  
223 60.1 31.6 94.8  
227 61.0 31.8 95.4



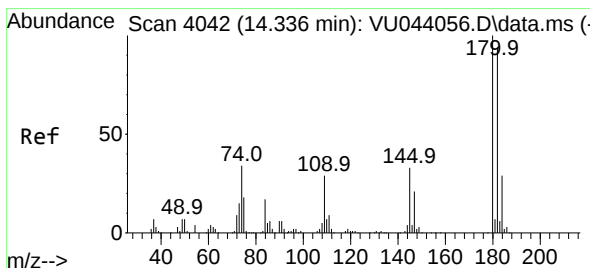
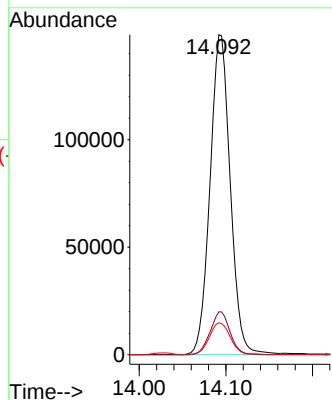
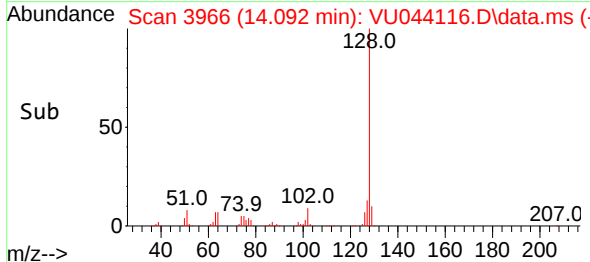


#95  
Naphthalene  
Concen: 18.177 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33

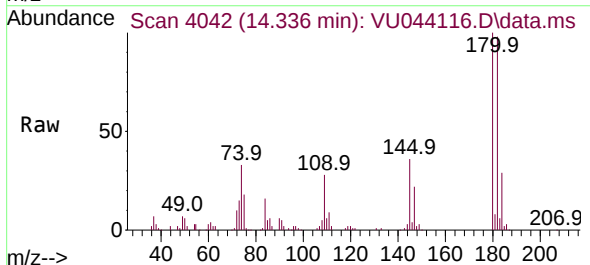
Instrument :  
MSVOA\_U  
ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 241676 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.2  | 15.4   |
| 129       | 10.3  | 8.7   | 13.1   |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.446 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU044116.D  
Acq: 08 Jun 2021 16:33



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 76734 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.9  | 47.3  | 141.9 |
| 145       | 34.3  | 16.9  | 50.7  |

