

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092521\  
 Data File : VU044883.D  
 Acq On : 26 Sep 2021 10:09  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 27 03:21:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 25 09:30:46 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Pentafluorobenzene        | 5.375  | 168  | 147922   | 50.000  | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.253  | 114  | 276663   | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117  | 264906   | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.816 | 152  | 139748   | 50.000  | ug/l     | 0.00     |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 33) 1,2-Dichloroethane-d4    | 5.703  | 65   | 128181   | 49.651  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 99.300%  |          |
| 35) Dibromofluoromethane     | 5.292  | 113  | 91588    | 48.256  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 96.520%  |          |
| 50) Toluene-d8               | 7.903  | 98   | 351241   | 49.000  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 98.000%  |          |
| 62) 4-Bromofluorobenzene     | 10.636 | 95   | 138997   | 52.207  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 104.420% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 86179    | 48.645  | ug/l     | 97       |
| 3) Chloromethane             | 1.520  | 50   | 102414   | 38.092  | ug/l     | 98       |
| 4) Vinyl Chloride            | 1.607  | 62   | 116297   | 46.347  | ug/l     | 99       |
| 5) Bromomethane              | 1.832  | 94   | 36014    | 27.417  | ug/l     | 98       |
| 6) Chloroethane              | 1.916  | 64   | 77894    | 46.232  | ug/l     | 99       |
| 7) Trichlorofluoromethane    | 2.131  | 101  | 149234   | 48.428  | ug/l     | 100      |
| 8) Diethyl Ether             | 2.379  | 74   | 72419    | 51.337  | ug/l     | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101  | 83853    | 46.596  | ug/l     | 99       |
| 10) Methyl Iodide            | 2.723  | 142  | 79066    | 40.432  | ug/l     | 97       |
| 11) Tert butyl alcohol       | 3.205  | 59   | 197745   | 262.431 | ug/l     | 99       |
| 12) 1,1-Dichloroethene       | 2.578  | 96   | 85819    | 48.185  | ug/l     | 96       |
| 13) Acrolein                 | 2.488  | 56   | 62780    | 308.557 | ug/l     | 98       |
| 14) Allyl chloride           | 2.922  | 41   | 154807   | 44.781  | ug/l     | 97       |
| 15) Acrylonitrile            | 3.314  | 53   | 379523   | 241.121 | ug/l     | 99       |
| 16) Acetone                  | 2.629  | 43   | 342144   | 234.953 | ug/l     | 98       |
| 17) Carbon Disulfide         | 2.793  | 76   | 217921   | 43.494  | ug/l     | 100      |
| 18) Methyl Acetate           | 2.948  | 43   | 228537   | 46.975  | ug/l     | 98       |
| 19) Methyl tert-butyl Ether  | 3.366  | 73   | 349055   | 52.484  | ug/l     | 99       |
| 20) Methylene Chloride       | 3.047  | 84   | 108198   | 45.899  | ug/l     | 97       |
| 21) trans-1,2-Dichloroethene | 3.353  | 96   | 91060    | 47.752  | ug/l     | 99       |
| 22) Diisopropyl ether        | 3.996  | 45   | 339269   | 49.671  | ug/l     | 96       |
| 23) Vinyl Acetate            | 3.957  | 43   | 1399519  | 249.859 | ug/l     | 99       |
| 24) 1,1-Dichloroethane       | 3.871  | 63   | 194195   | 48.983  | ug/l     | 99       |
| 25) 2-Butanone               | 4.703  | 43   | 541081   | 244.884 | ug/l     | 97       |
| 26) 2,2-Dichloropropane      | 4.668  | 77   | 96515    | 32.463  | ug/l     | 97       |
| 27) cis-1,2-Dichloroethene   | 4.668  | 96   | 111300   | 47.989  | ug/l     | 96       |
| 28) Bromochloromethane       | 4.977  | 49   | 88785    | 47.126  | ug/l     | 96       |
| 29) Tetrahydrofuran          | 5.051  | 42   | 336096   | 241.784 | ug/l     | 96       |
| 30) Chloroform               | 5.092  | 83   | 190762   | 47.855  | ug/l     | 100      |
| 31) Cyclohexane              | 5.391  | 56   | 167149   | 45.097  | ug/l     | 97       |
| 32) 1,1,1-Trichloroethane    | 5.321  | 97   | 157710   | 48.965  | ug/l     | 99       |
| 36) 1,1-Dichloropropene      | 5.530  | 75   | 135996   | 46.329  | ug/l     | 100      |
| 37) Ethyl Acetate            | 4.806  | 43   | 193789   | 44.992  | ug/l     | 98       |
| 38) Carbon Tetrachloride     | 5.526  | 117  | 122126   | 46.536  | ug/l     | 97       |
| 39) Methylcyclohexane        | 6.764  | 83   | 157008   | 47.291  | ug/l     | 96       |
| 40) Benzene                  | 5.777  | 78   | 414530   | 46.318  | ug/l     | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 27 03:21:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 25 09:30:46 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.977  | 41   | 103743   | 48.254   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 5.797  | 62   | 162957   | 46.283   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.915  | 43   | 291771   | 48.419   | ug/l   | 99       |
| 44) Trichloroethene           | 6.546  | 130  | 96049    | 44.654   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 113089   | 46.690   | ug/l   | 98       |
| 46) Dibromomethane            | 6.919  | 93   | 76439    | 47.627   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.108  | 83   | 149232   | 47.138   | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.964  | 41   | 139296   | 48.975   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 6.970  | 88   | 80054    | 1101.299 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 7.796  | 43   | 1079319  | 251.316  | ug/l   | 99       |
| 52) Toluene                   | 7.973  | 92   | 262927   | 49.139   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.214  | 75   | 154644   | 46.886   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 166030   | 46.482   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 109857   | 48.021   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.337  | 69   | 196919   | 48.388   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 193241   | 47.438   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 350245   | 347.284  | ug/l   | 98       |
| 59) 2-Hexanone                | 8.690  | 43   | 890211   | 258.237  | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.812  | 129  | 106603   | 48.662   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 116562   | 48.526   | ug/l   | 100      |
| 64) Tetrachloroethene         | 8.555  | 164  | 82429    | 45.906   | ug/l   | 98       |
| 65) Chlorobenzene             | 9.449  | 112  | 266008   | 48.371   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.539  | 131  | 95548    | 48.712   | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.575  | 91   | 501742   | 51.116   | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.697  | 106  | 385072   | 102.571  | ug/l   | 98       |
| 69) o-Xylene                  | 10.102 | 106  | 192941   | 53.149   | ug/l   | 98       |
| 70) Styrene                   | 10.118 | 104  | 326717   | 48.191   | ug/l   | 98       |
| 71) Bromoform                 | 10.295 | 173  | 82157    | 50.621   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.488 | 105  | 495277   | 49.934   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.324 | 43   | 269019   | 53.214   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 222155   | 49.163   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.828 | 75   | 246363   | 58.217   | ug/l   | 92       |
| 77) Bromobenzene              | 10.783 | 156  | 116743   | 49.266   | ug/l   | 99       |
| 78) n-propylbenzene           | 10.909 | 91   | 603876   | 50.245   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 366670   | 50.059   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 431195   | 51.323   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 58428    | 44.727   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.099 | 91   | 425728   | 51.052   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.423 | 119  | 419178   | 51.719   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.472 | 105  | 441793   | 53.338   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.645 | 105  | 545759   | 52.073   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 444838   | 52.174   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 225294   | 48.992   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 228288   | 48.004   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.211 | 91   | 402946   | 45.986   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.478 | 117  | 75617    | 49.218   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.217 | 146  | 235589   | 48.343   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 57525    | 52.500   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.844 | 180  | 134139   | 49.814   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.025 | 225  | 51253    | 42.784   | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 535804   | 49.988   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 138105   | 50.436   | ug/l   | 99       |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

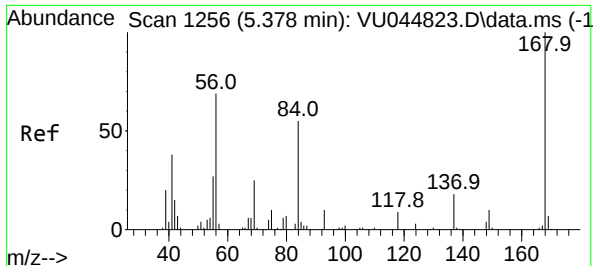
Quant Time: Sep 27 03:21:47 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 25 09:30:46 2021  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

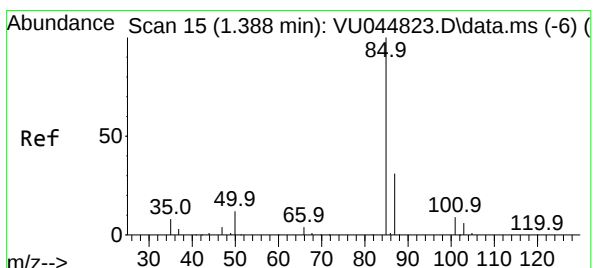
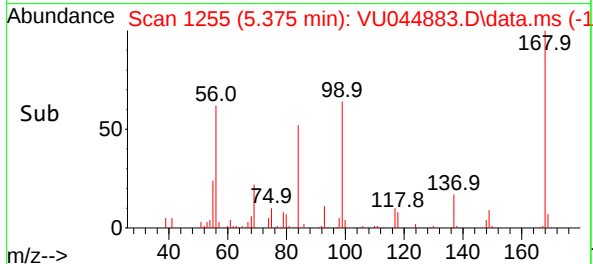
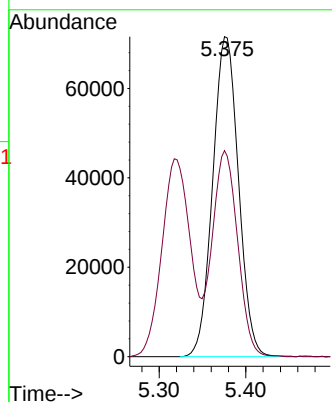
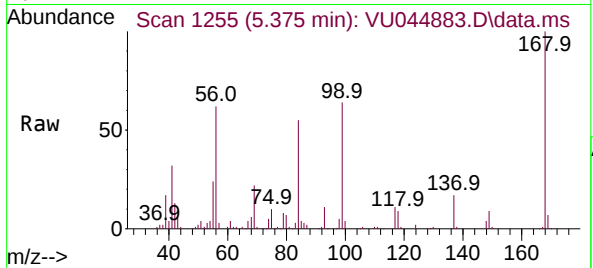




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 1255  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

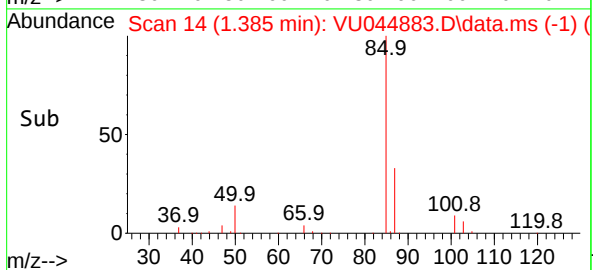
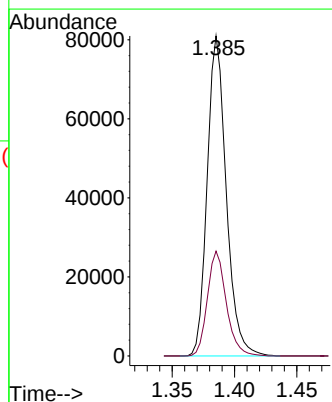
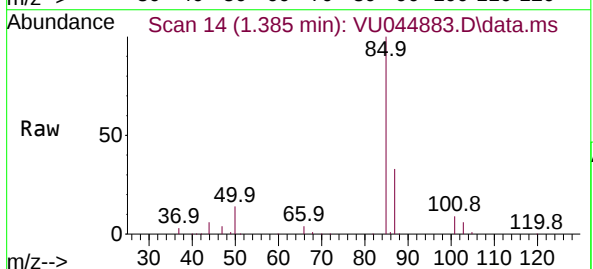
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

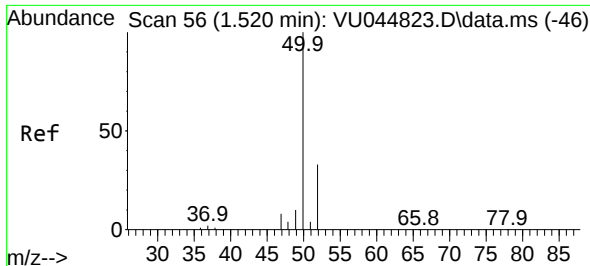
Tgt Ion:168 Resp: 147922  
Ion Ratio Lower Upper  
168 100  
99 64.2 51.4 77.0



#2  
Dichlorodifluoromethane  
Concen: 48.645 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 85 Resp: 86179  
Ion Ratio Lower Upper  
85 100  
87 32.7 15.7 47.0

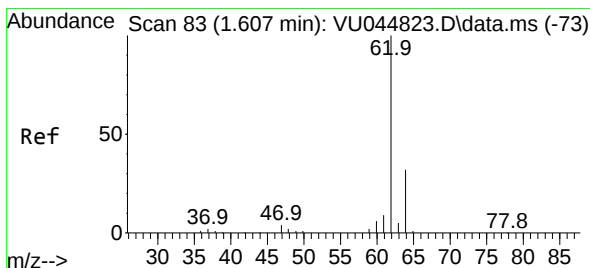
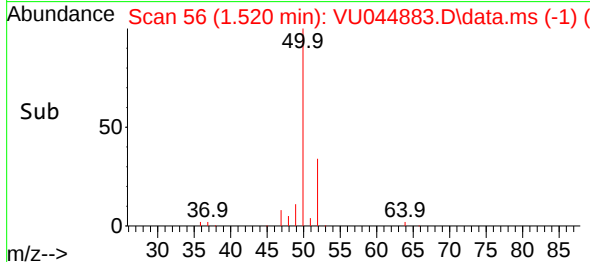
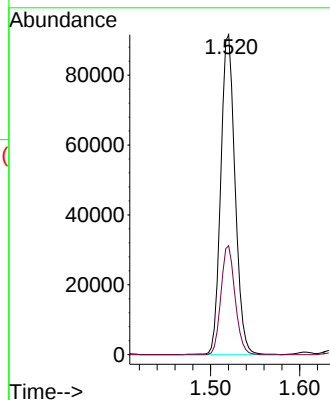
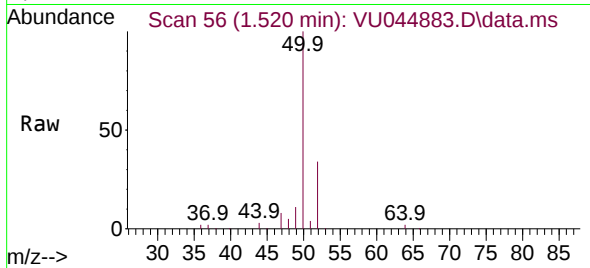




#3  
Chloromethane  
Concen: 38.092 ug/l  
RT: 1.520 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

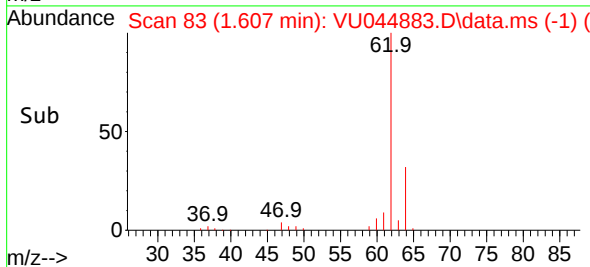
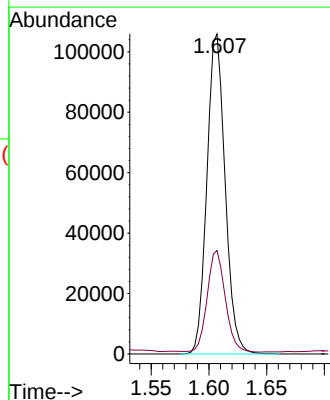
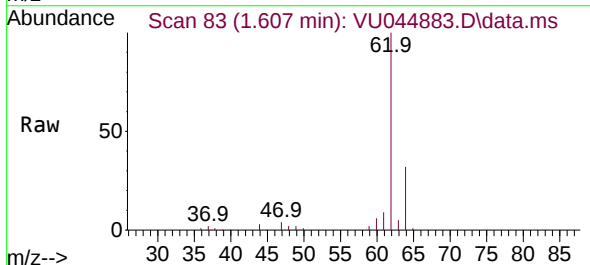
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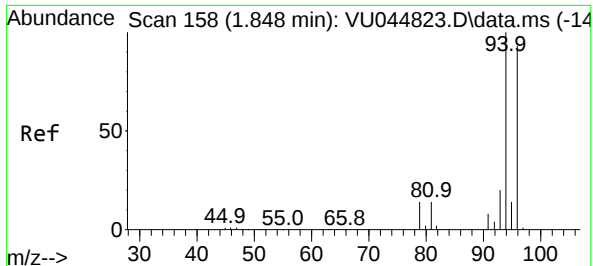
Tgt Ion: 50 Resp: 102414  
Ion Ratio Lower Upper  
50 100  
52 34.1 26.3 39.5



#4  
Vinyl Chloride  
Concen: 46.347 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 62 Resp: 116297  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.6 38.4

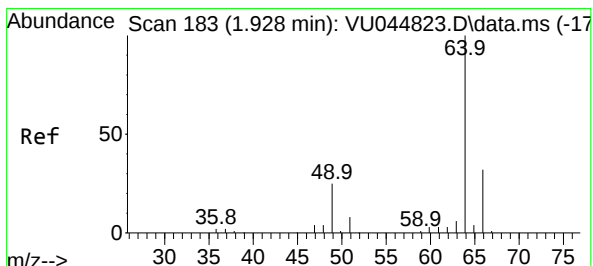
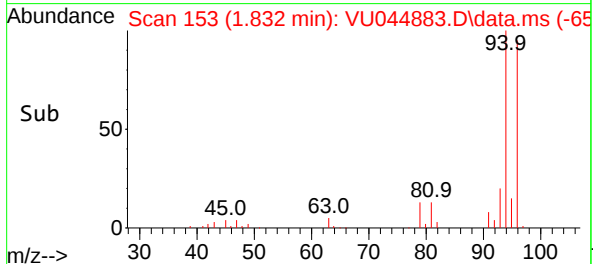
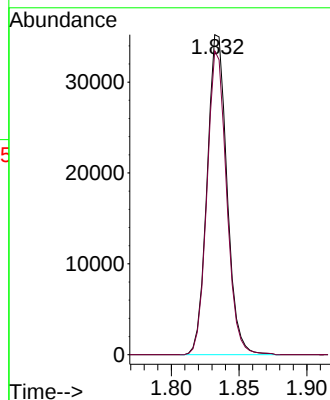
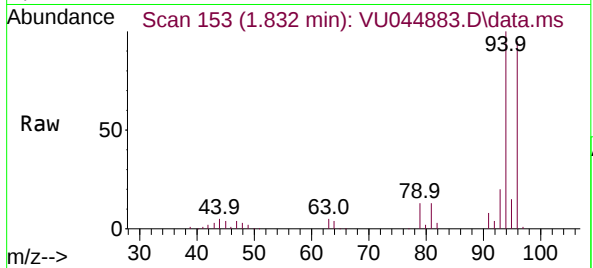




#5  
Bromomethane  
Concen: 27.417 ug/l  
RT: 1.832 min Scan# 153  
Delta R.T. -0.016 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

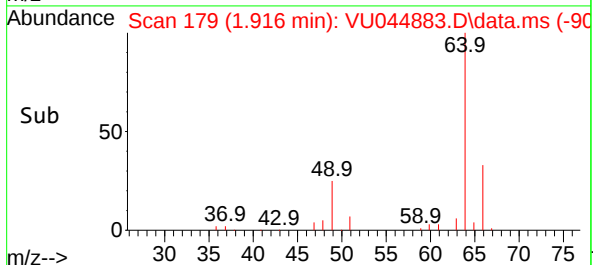
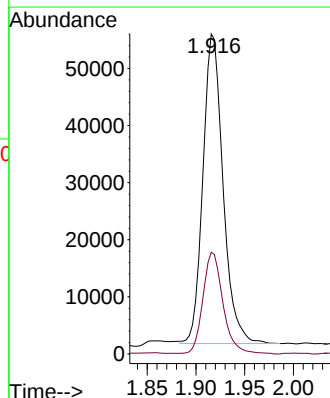
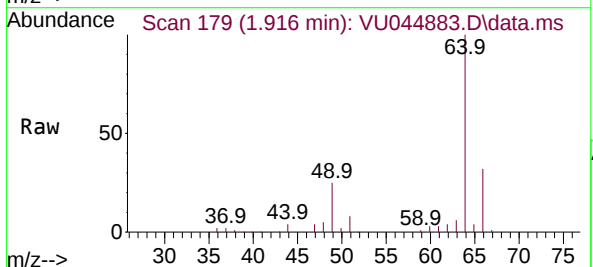
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

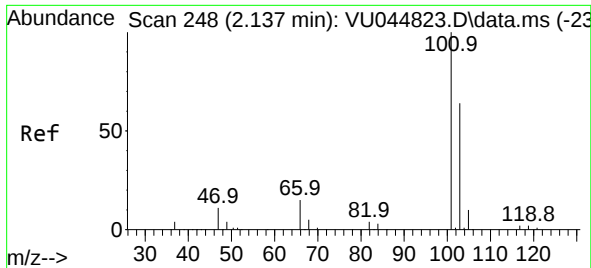
Tgt Ion: 94 Resp: 36014  
Ion Ratio Lower Upper  
94 100  
96 94.9 74.5 111.7



#6  
Chloroethane  
Concen: 46.232 ug/l  
RT: 1.916 min Scan# 179  
Delta R.T. -0.012 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 64 Resp: 77894  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.8 38.8

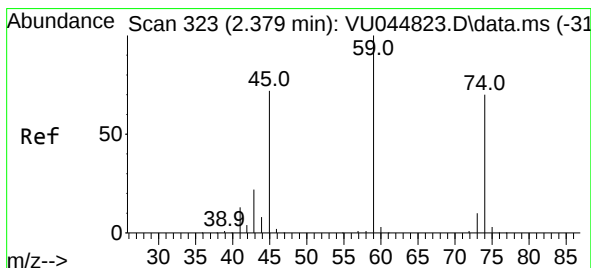
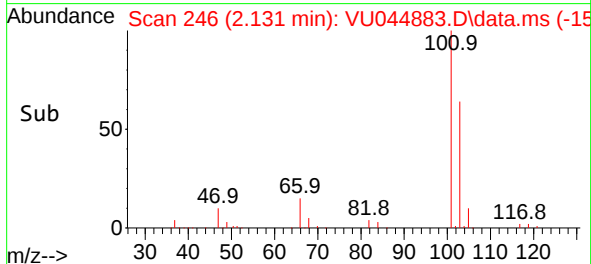
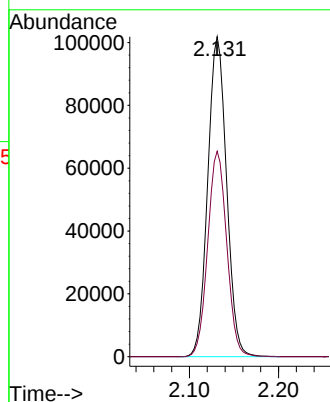
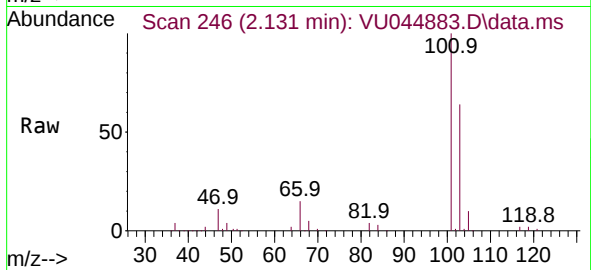




#7  
Trichlorofluoromethane  
Concen: 48.428 ug/l  
RT: 2.131 min Scan# 246  
Delta R.T. -0.006 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

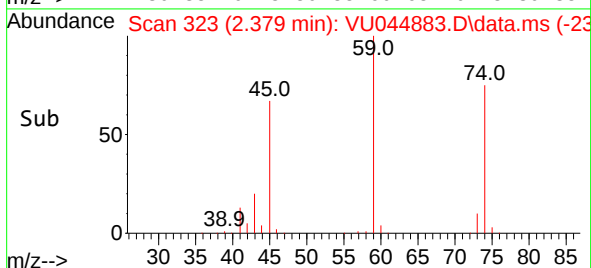
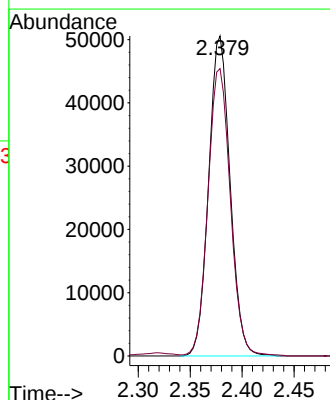
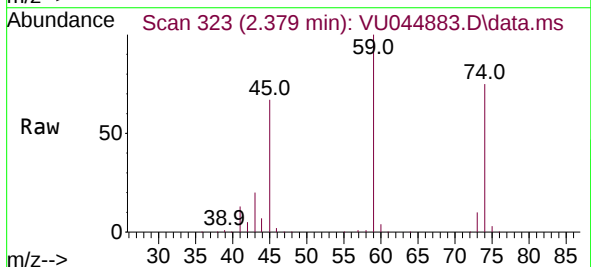
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

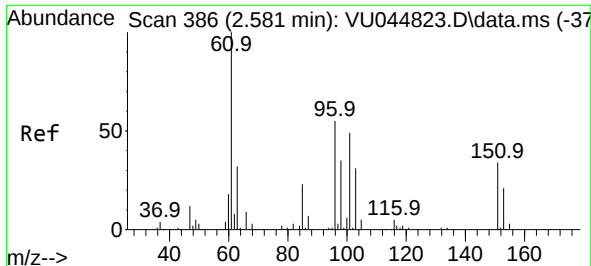
Tgt Ion:101 Resp: 149234  
Ion Ratio Lower Upper  
101 100  
103 64.2 51.2 76.8



#8  
Diethyl Ether  
Concen: 51.337 ug/l  
RT: 2.379 min Scan# 323  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 74 Resp: 72419  
Ion Ratio Lower Upper  
74 100  
45 94.1 52.2 156.6

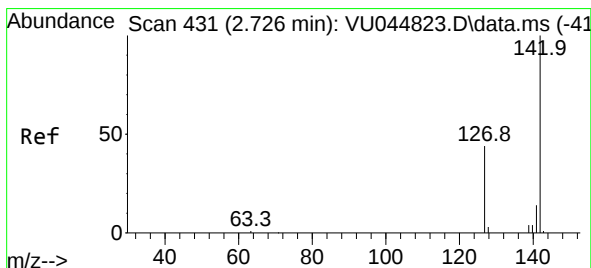
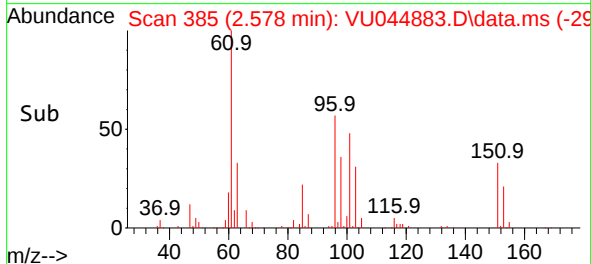
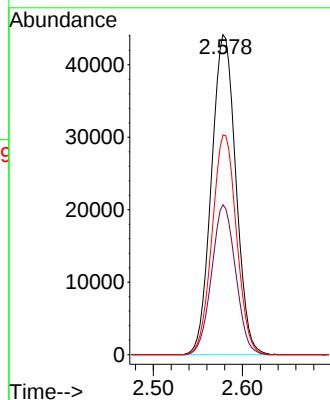
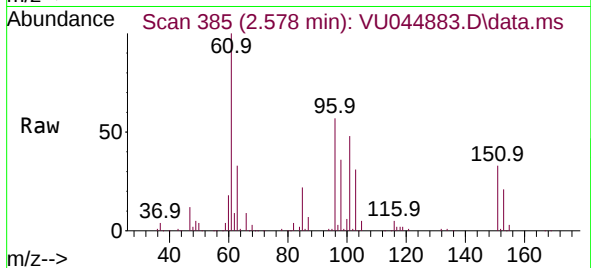




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.596 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

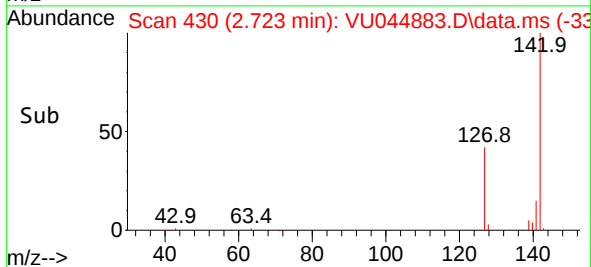
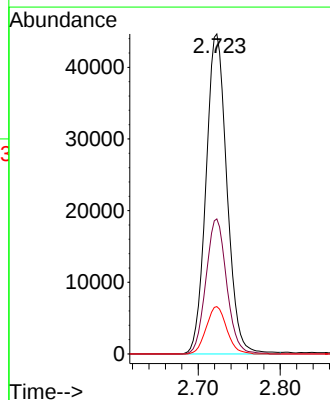
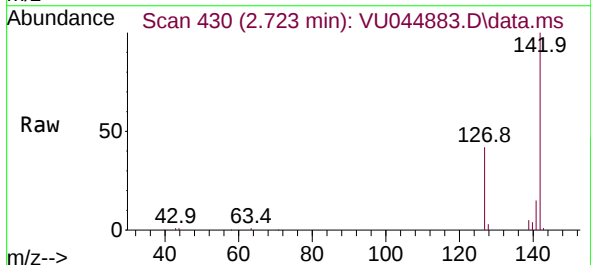
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

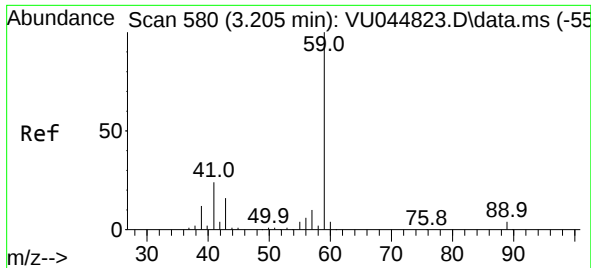
Tgt Ion:101 Resp: 83853  
Ion Ratio Lower Upper  
101 100  
85 46.0 37.2 55.8  
151 68.8 55.8 83.8



#10  
Methyl Iodide  
Concen: 40.432 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion:142 Resp: 79066  
Ion Ratio Lower Upper  
142 100  
127 41.8 35.6 53.4  
141 14.5 11.3 16.9

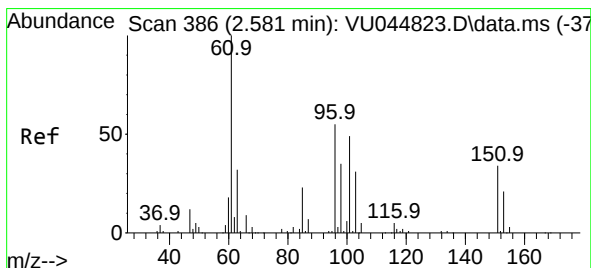
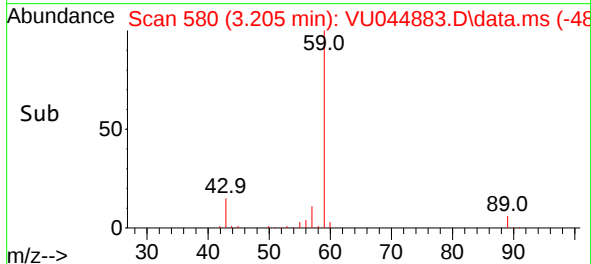
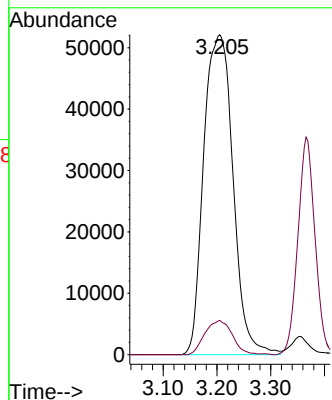
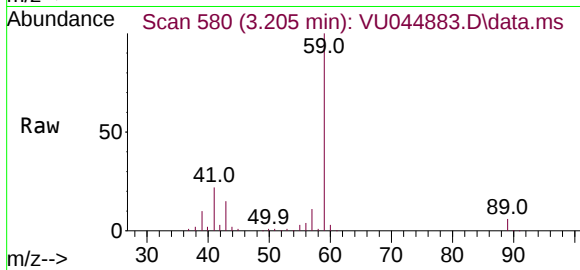




#11  
Tert butyl alcohol  
Concen: 262.431 ug/l  
RT: 3.205 min Scan# 580  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

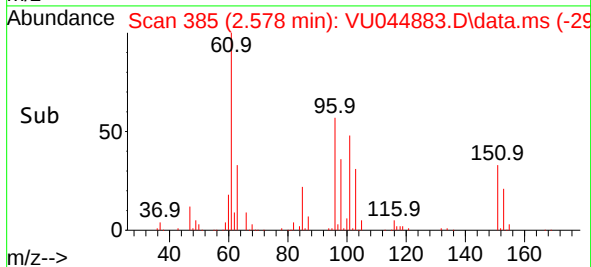
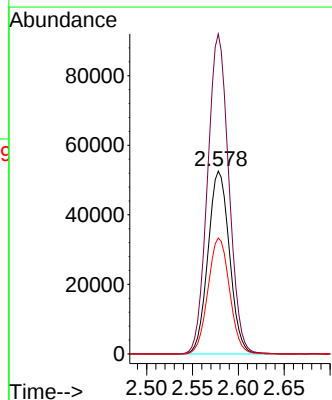
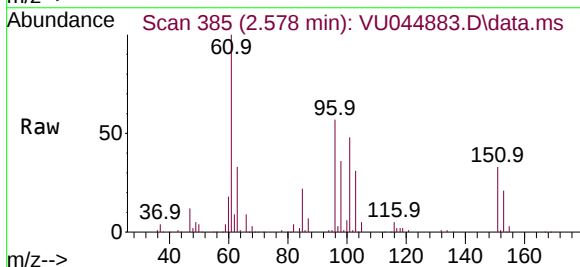
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

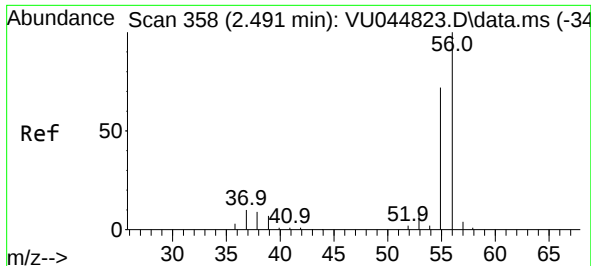
Tgt Ion: 59 Resp: 197745  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 48.185 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 96 Resp: 85819  
Ion Ratio Lower Upper  
96 100  
61 175.0 145.4 218.0  
98 63.4 50.9 76.3

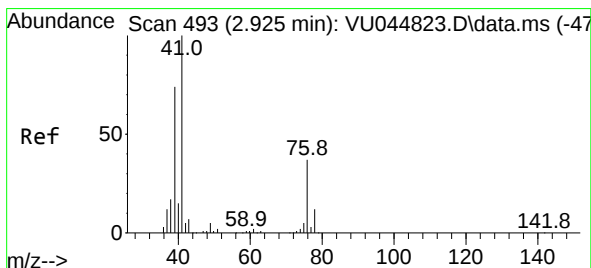
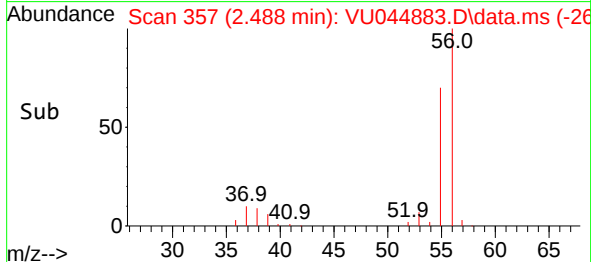
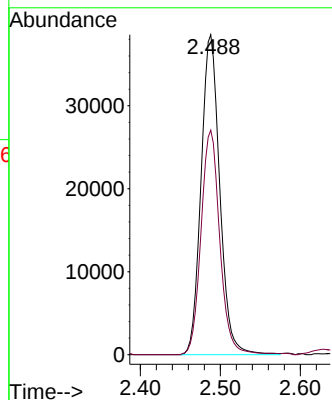
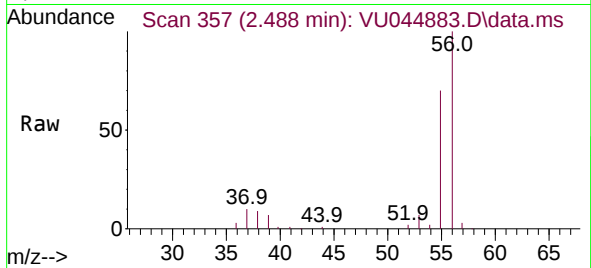




#13  
Acrolein  
Concen: 308.557 ug/l  
RT: 2.488 min Scan# 357  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

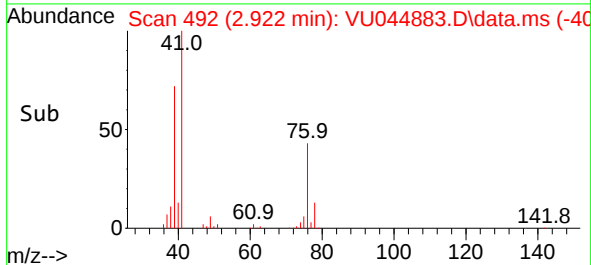
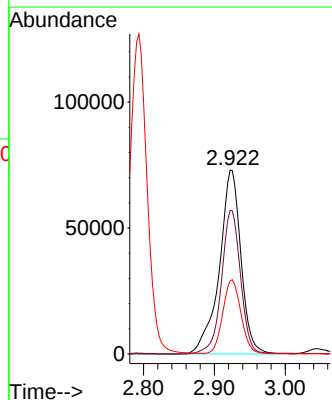
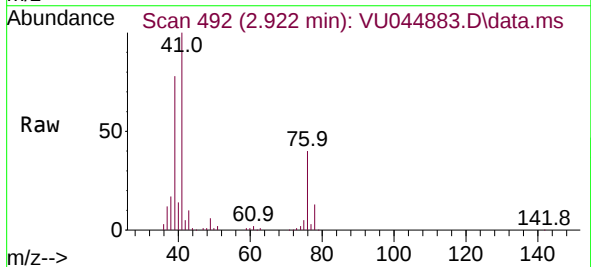
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

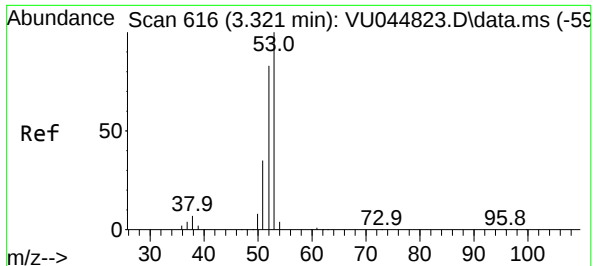
Tgt Ion: 56 Resp: 62780  
Ion Ratio Lower Upper  
56 100  
55 70.3 57.4 86.0



#14  
Allyl chloride  
Concen: 44.781 ug/l  
RT: 2.922 min Scan# 492  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 41 Resp: 154807  
Ion Ratio Lower Upper  
41 100  
39 68.9 53.0 79.6  
76 33.7 25.7 38.5

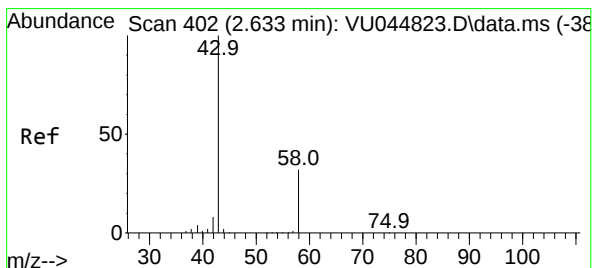
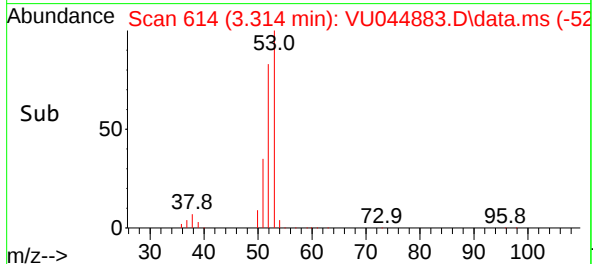
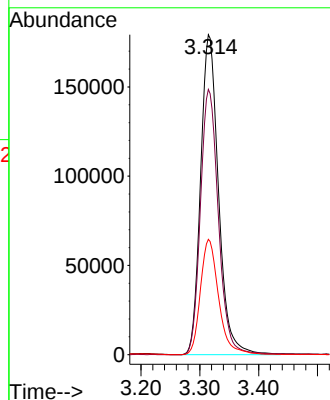
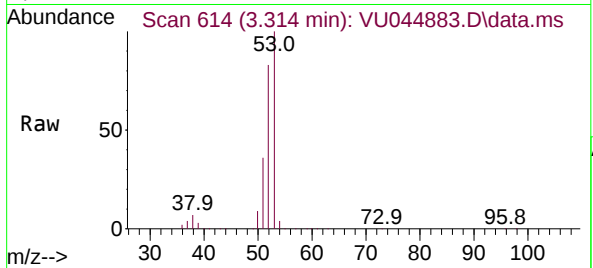




#15  
Acrylonitrile  
Concen: 241.121 ug/l  
RT: 3.314 min Scan# 614  
Delta R.T. -0.006 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

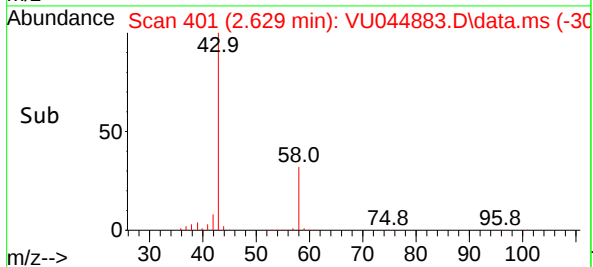
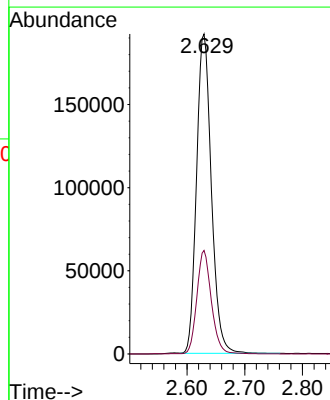
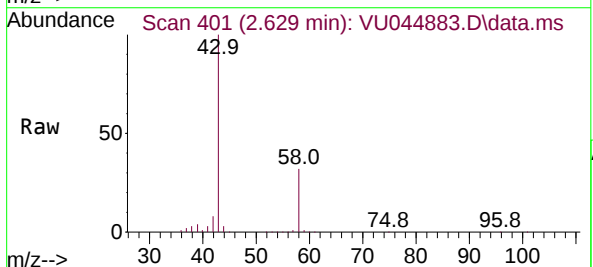
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

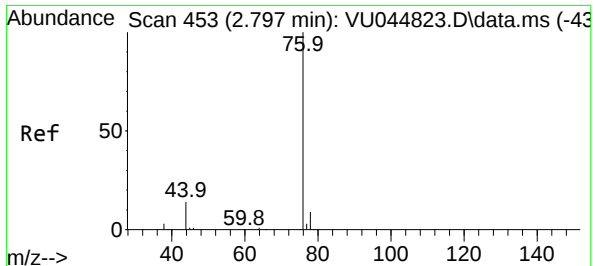
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 379523 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.3  | 66.0  | 99.0   |
| 51       | 36.7  | 28.6  | 42.8   |



#16  
Acetone  
Concen: 234.953 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 342144 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.4  | 25.2  | 37.8   |

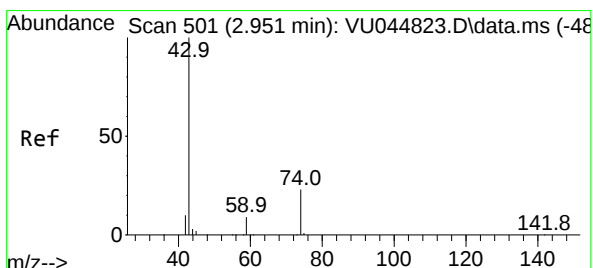
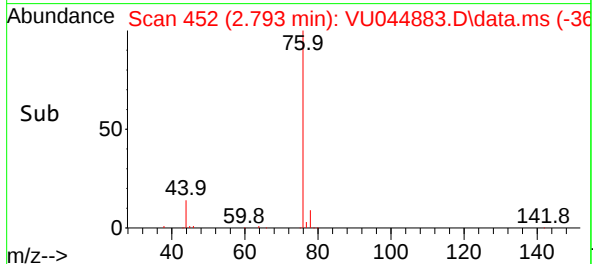
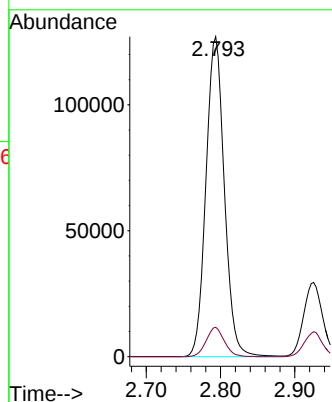
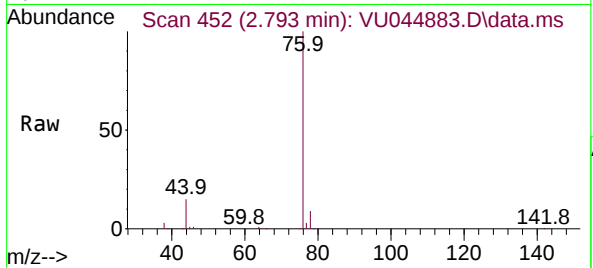




#17  
Carbon Disulfide  
Concen: 43.494 ug/l  
RT: 2.793 min Scan# 452  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

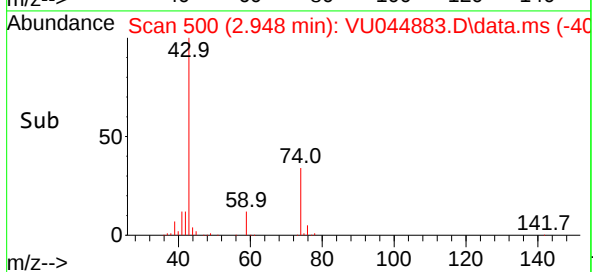
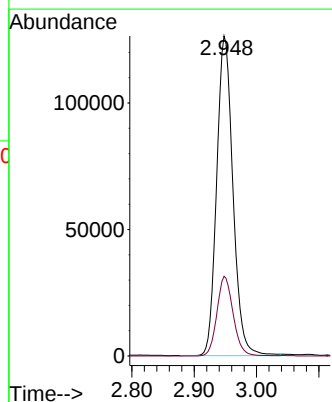
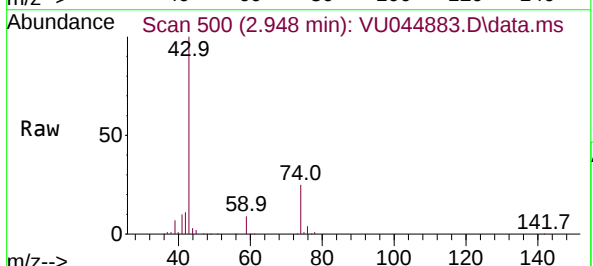
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

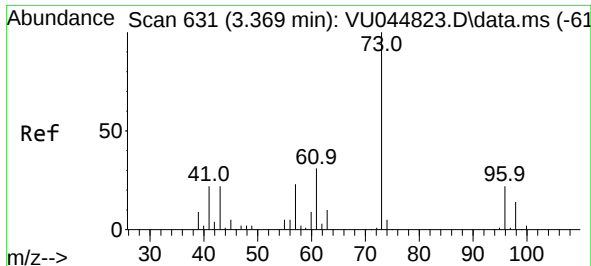
Tgt Ion: 76 Resp: 217921  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 46.975 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 43 Resp: 228537  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.0 28.6



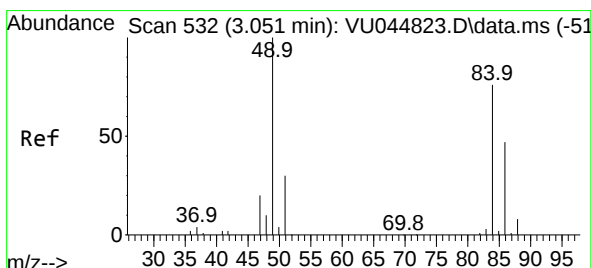
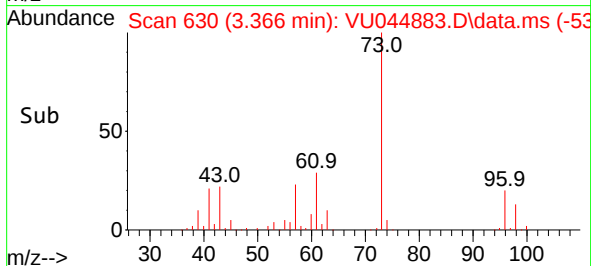
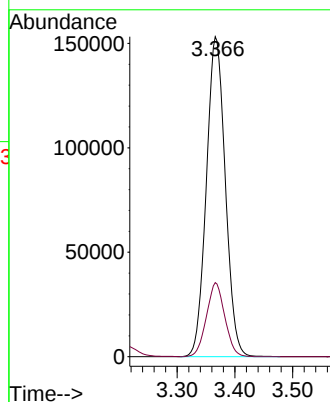
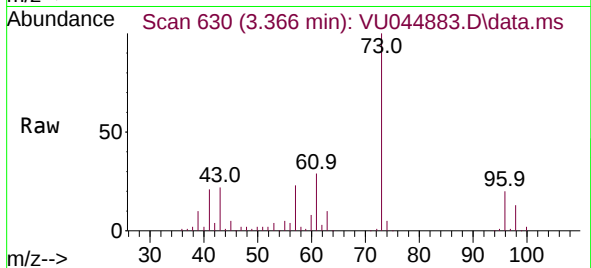


#19

Methyl tert-butyl Ether  
Concen: 52.484 ug/l  
RT: 3.366 min Scan# 630  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

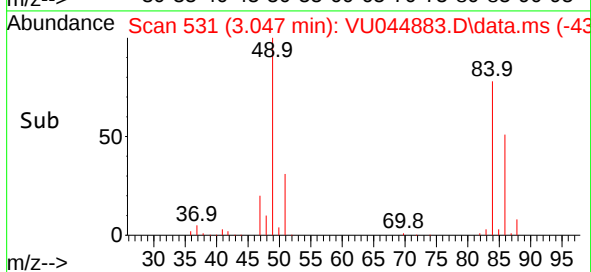
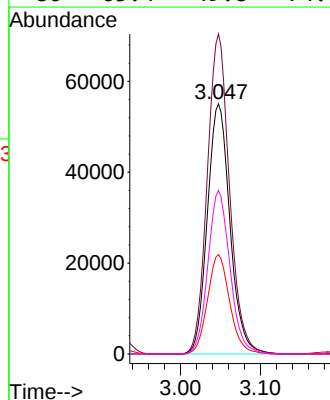
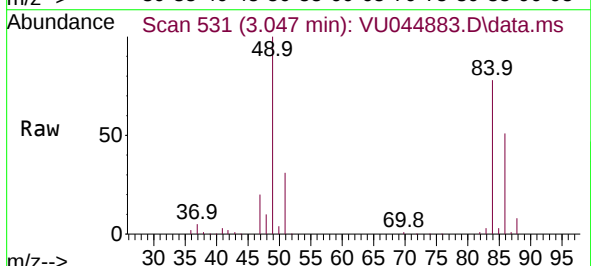
Tgt Ion: 73 Resp: 349055  
Ion Ratio Lower Upper  
73 100  
57 23.1 18.2 27.2

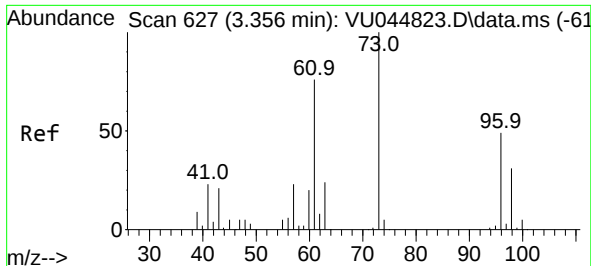


#20

Methylene Chloride  
Concen: 45.899 ug/l  
RT: 3.047 min Scan# 531  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 84 Resp: 108198  
Ion Ratio Lower Upper  
84 100  
49 128.0 104.9 157.3  
51 39.7 31.8 47.8  
86 65.4 49.8 74.6

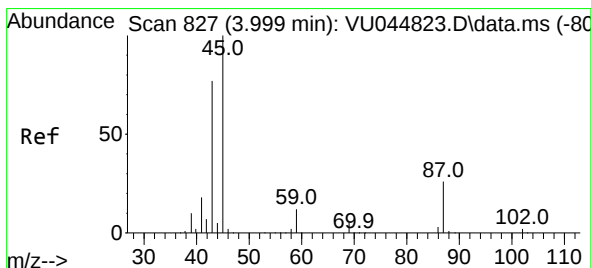
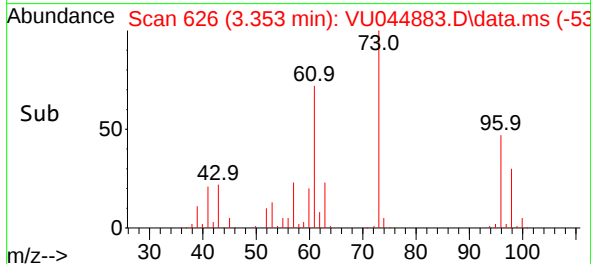
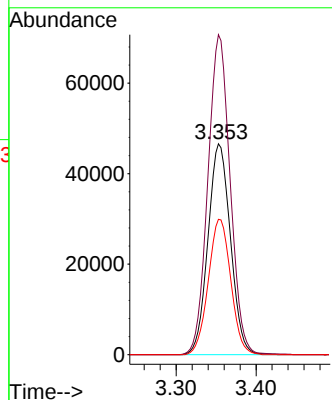
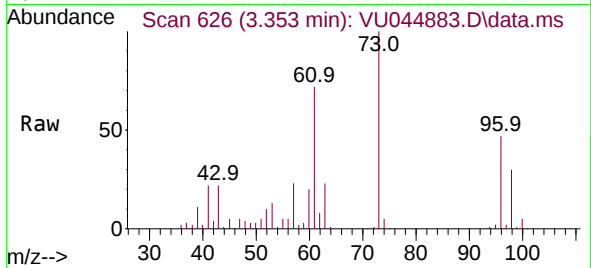




#21  
trans-1,2-Dichloroethene  
Concen: 47.752 ug/l  
RT: 3.353 min Scan# 626  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

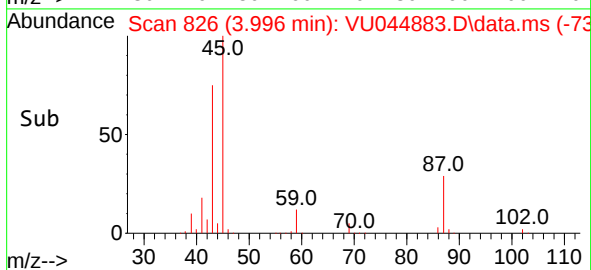
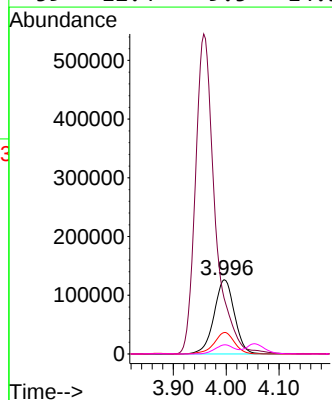
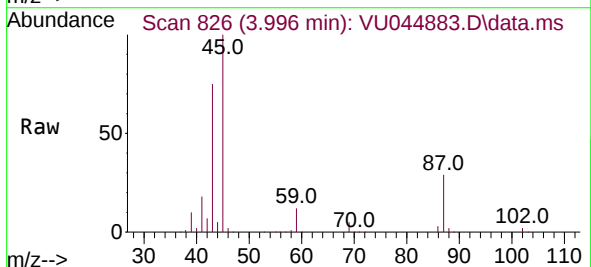
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

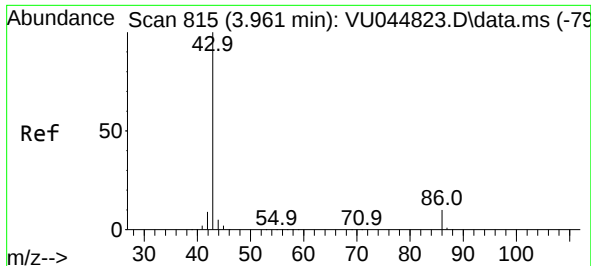
Tgt Ion: 96 Resp: 91060  
Ion Ratio Lower Upper  
96 100  
61 151.8 123.2 184.8  
98 64.2 51.0 76.6



#22  
Diisopropyl ether  
Concen: 49.671 ug/l  
RT: 3.996 min Scan# 826  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 45 Resp: 339269  
Ion Ratio Lower Upper  
45 100  
43 74.5 62.3 93.5  
87 29.0 21.0 31.4  
59 12.4 9.5 14.3



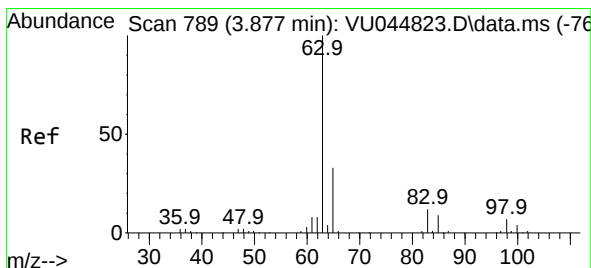
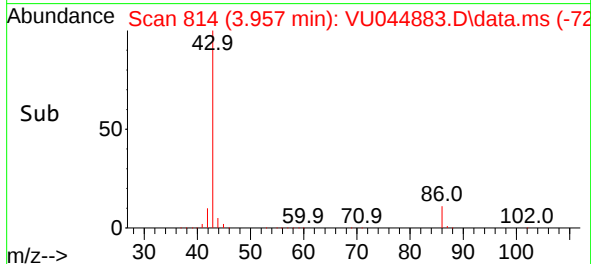
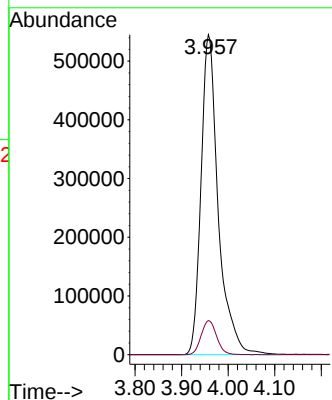
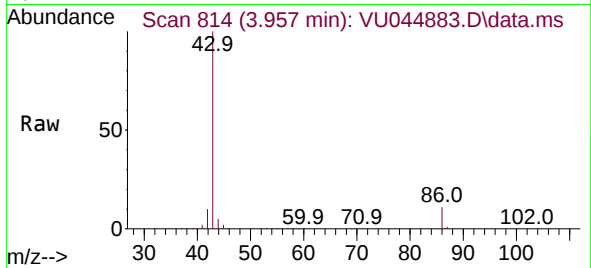


#23  
 Vinyl Acetate  
 Concen: 249.859 ug/l  
 RT: 3.957 min Scan# 814  
 Delta R.T. -0.003 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1399519  

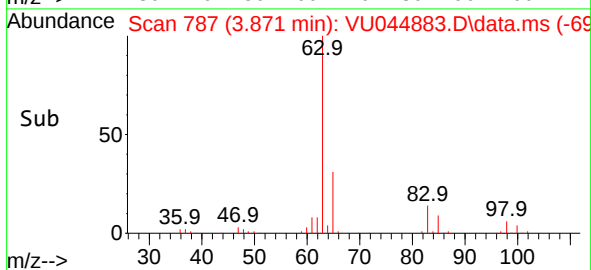
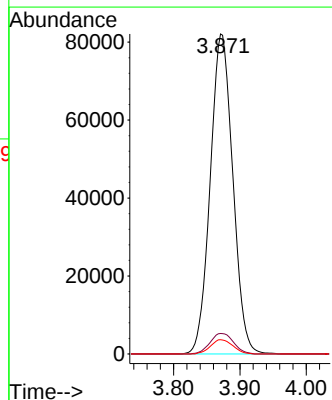
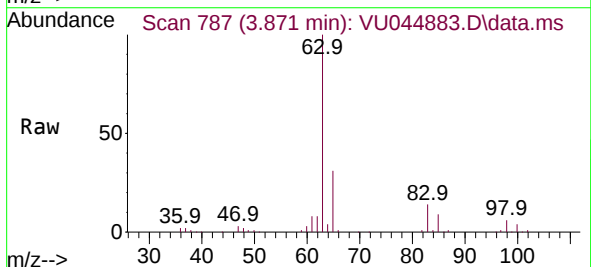
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.7  | 8.2   | 12.4  |

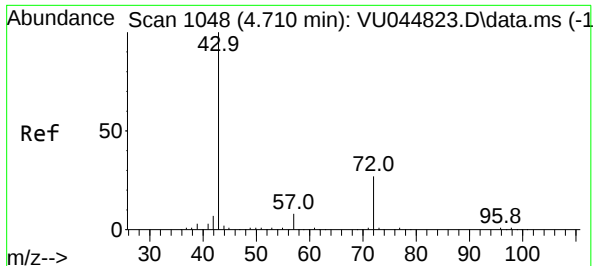


#24  
 1,1-Dichloroethane  
 Concen: 48.983 ug/l  
 RT: 3.871 min Scan# 787  
 Delta R.T. -0.006 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

Tgt Ion: 63 Resp: 194195  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.4   | 3.5   | 10.4  |
| 100 | 4.4   | 2.1   | 6.3   |



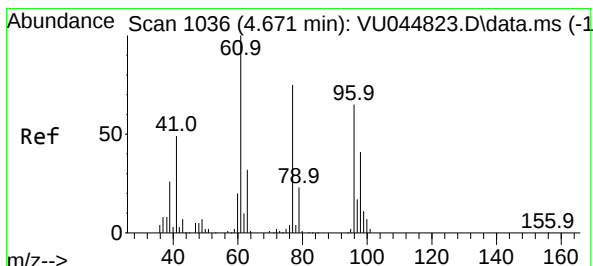
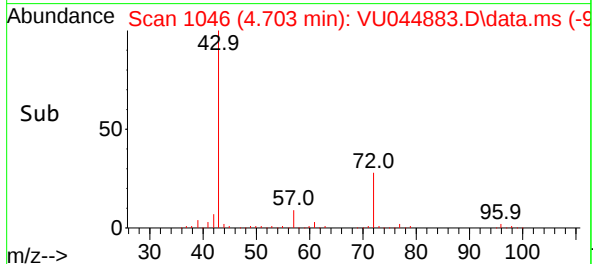
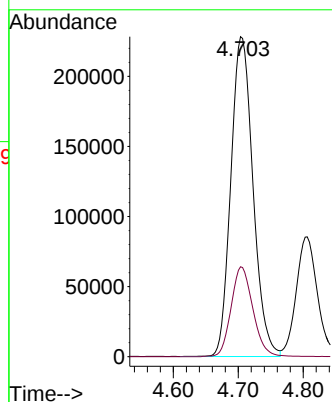
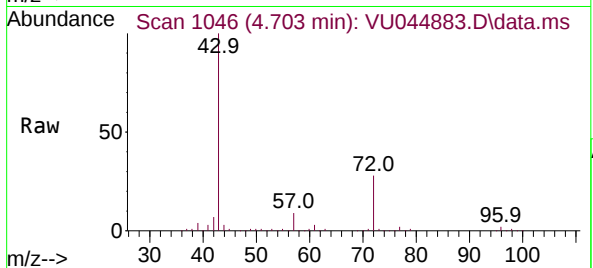


#25

2-Butanone  
Concen: 244.884 ug/l  
RT: 4.703 min Scan# 1046  
Delta R.T. -0.006 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

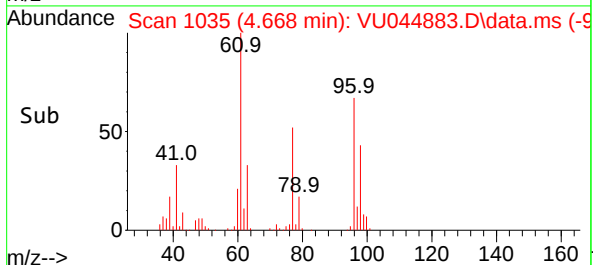
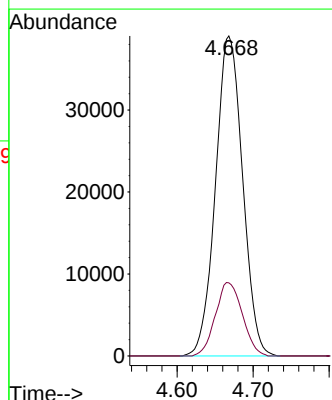
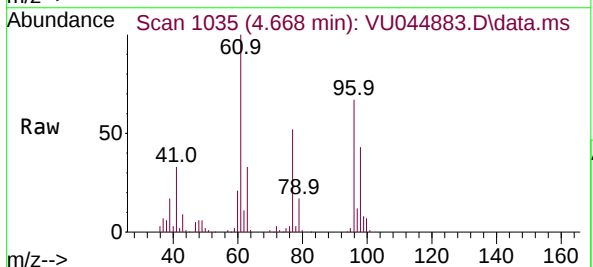
Tgt Ion: 43 Resp: 541081  
Ion Ratio Lower Upper  
43 100  
72 28.1 21.3 31.9

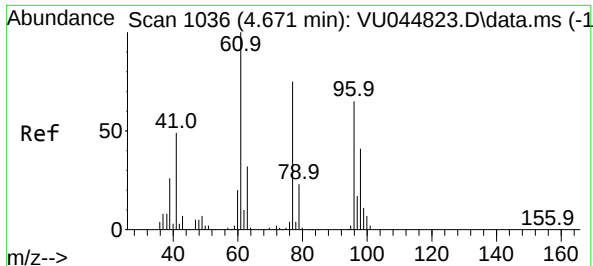


#26

2,2-Dichloropropane  
Concen: 32.463 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 77 Resp: 96515  
Ion Ratio Lower Upper  
77 100  
97 22.9 10.8 32.4



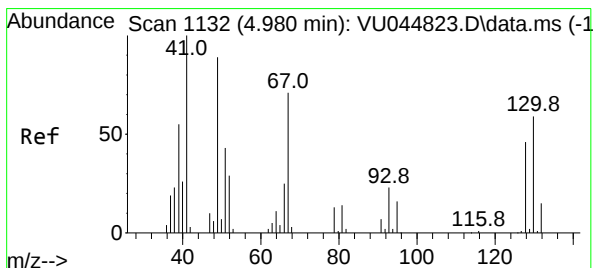
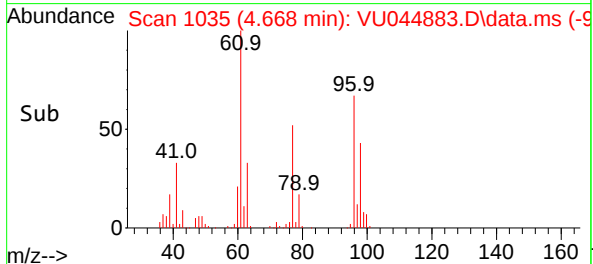
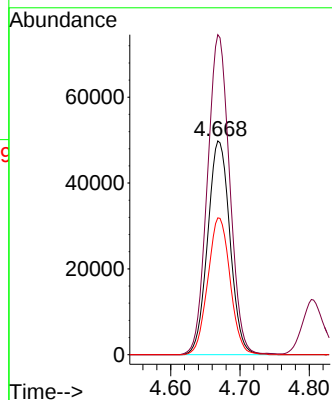
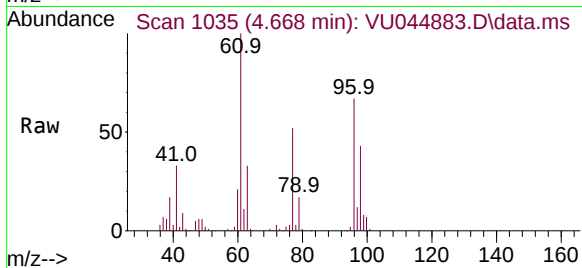


#27

cis-1,2-Dichloroethene  
Concen: 47.989 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

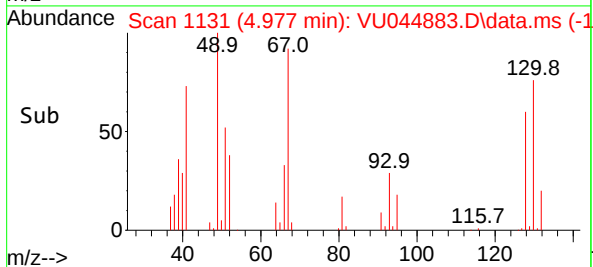
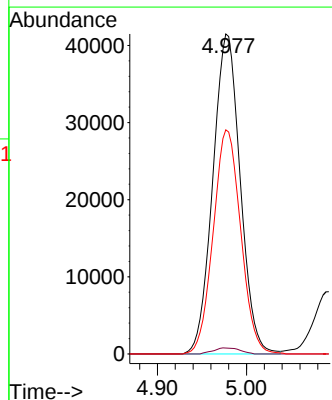
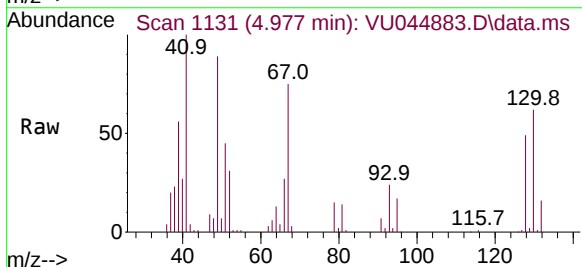
Tgt Ion: 96 Resp: 111300  
Ion Ratio Lower Upper  
96 100  
61 149.0 0.0 313.4  
98 64.0 0.0 127.0

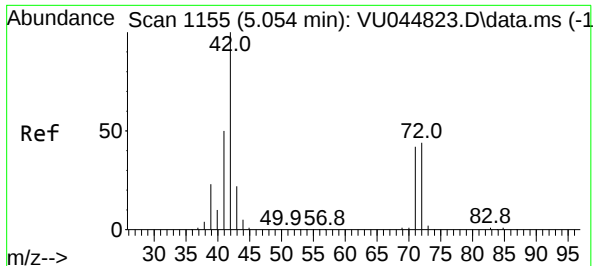


#28

Bromochloromethane  
Concen: 47.126 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 49 Resp: 88785  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 3.2  
130 70.2 53.4 80.2





#29

Tetrahydrofuran

Concen: 241.784 ug/l

RT: 5.051 min Scan# 1154

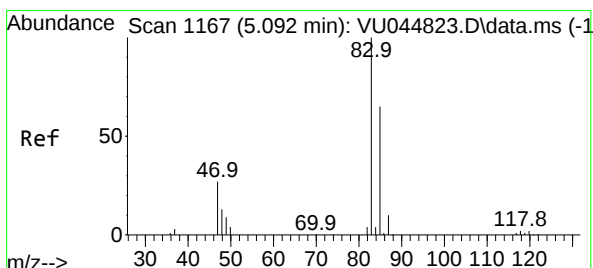
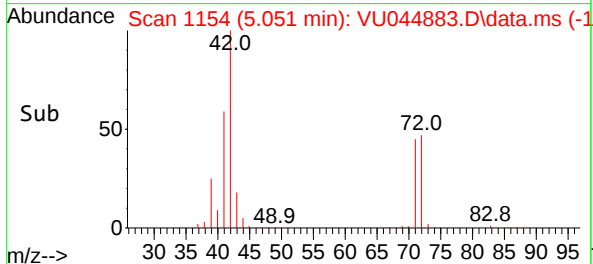
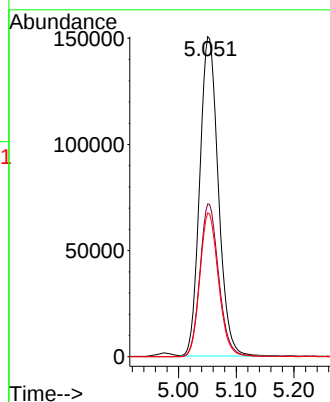
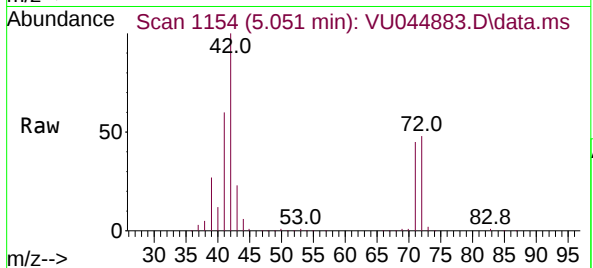
Delta R.T. -0.003 min

Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 336096 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 48.5  | 36.2  | 54.4   |
| 71       | 45.1  | 34.1  | 51.1   |



#30

Chloroform

Concen: 47.855 ug/l

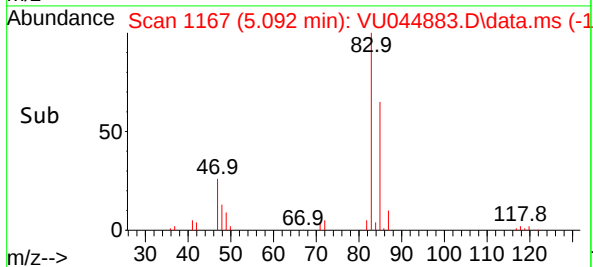
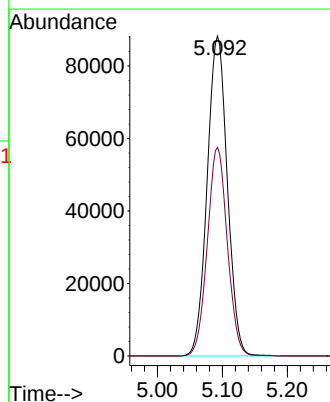
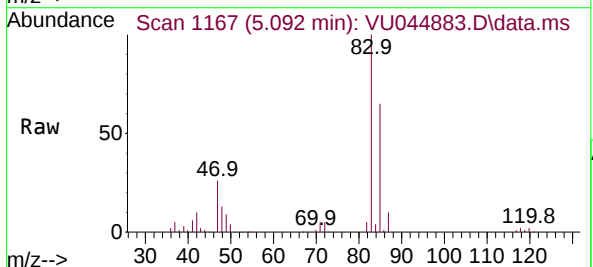
RT: 5.092 min Scan# 1167

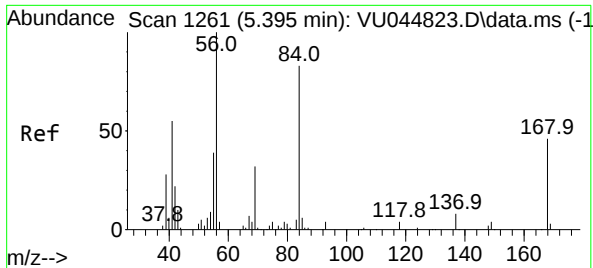
Delta R.T. 0.000 min

Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 190762 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.2  | 52.1  | 78.1   |

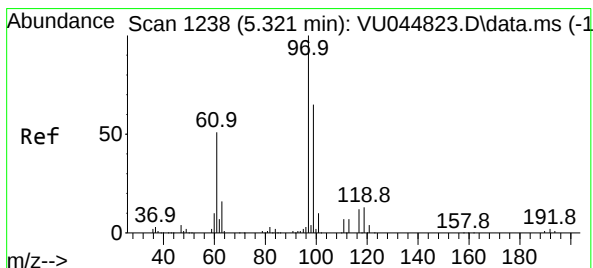
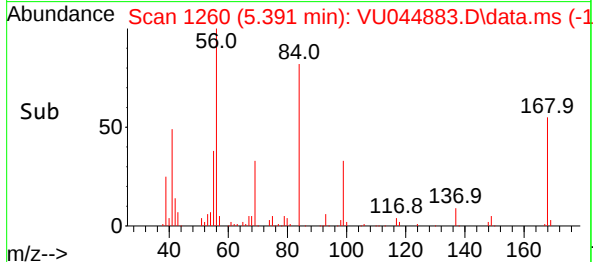
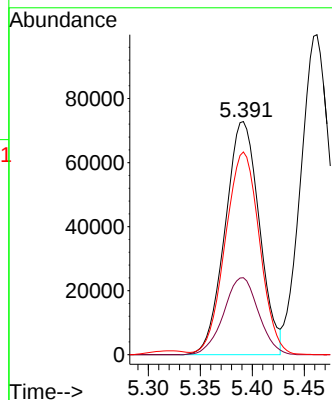
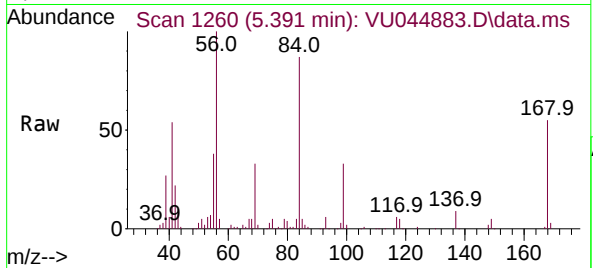




#31  
Cyclohexane  
Concen: 45.097 ug/l  
RT: 5.391 min Scan# 1260  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

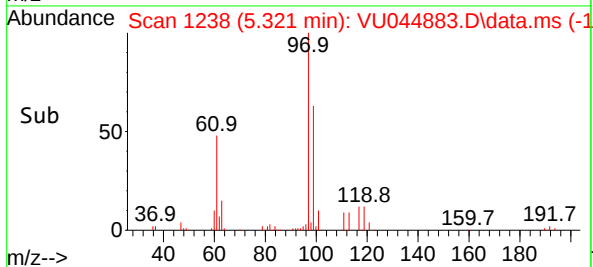
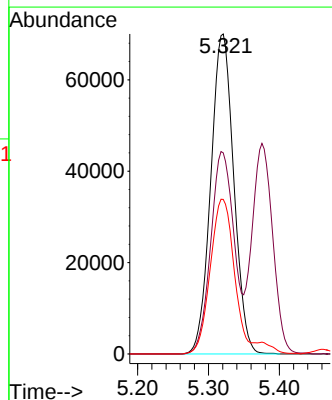
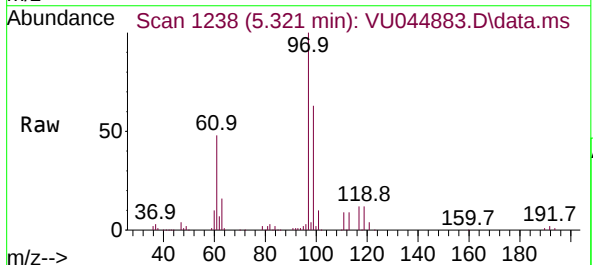
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

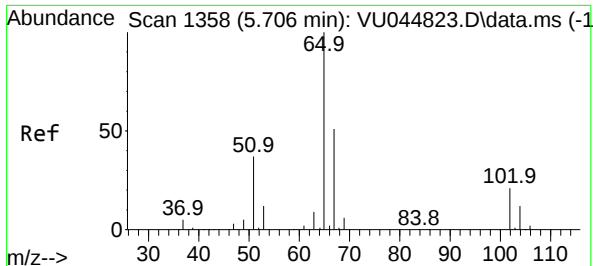
Tgt Ion: 56 Resp: 167149  
Ion Ratio Lower Upper  
56 100  
69 33.0 25.2 37.8  
84 85.5 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 48.965 ug/l  
RT: 5.321 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 97 Resp: 157710  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.9 76.3  
61 51.0 40.7 61.1



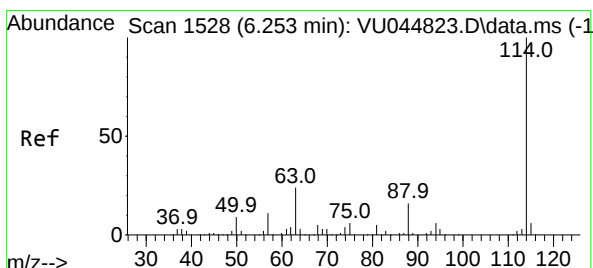
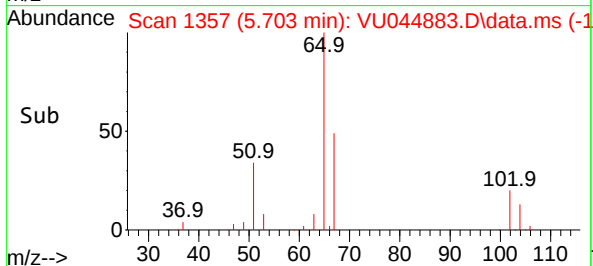
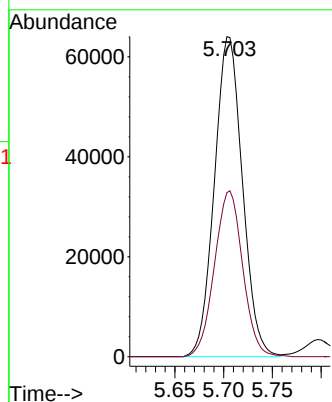
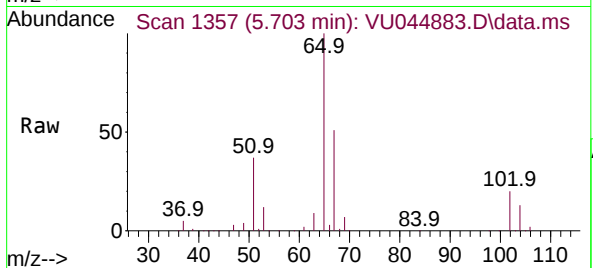


#33

1,2-Dichloroethane-d4  
Concen: 49.651 ug/l  
RT: 5.703 min Scan# 1357  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

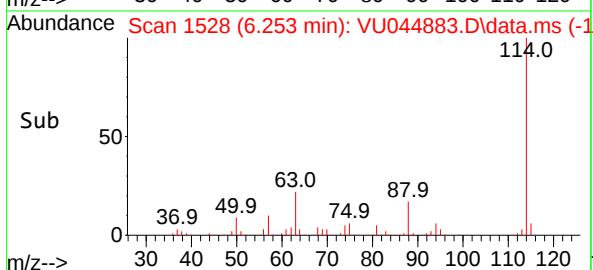
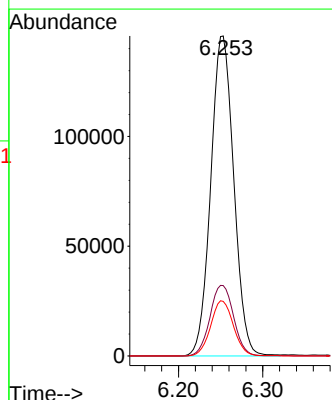
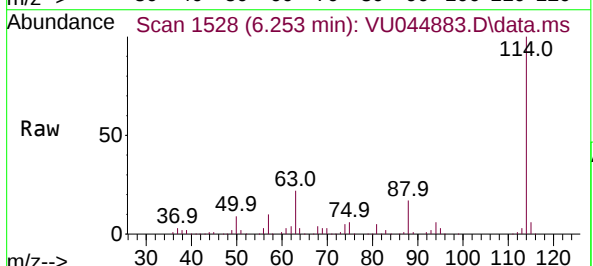
Tgt Ion: 65 Resp: 128181  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 104.8

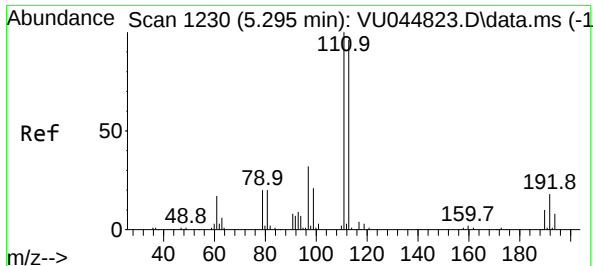


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 114 Resp: 276663  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 47.8  
88 17.0 0.0 32.8



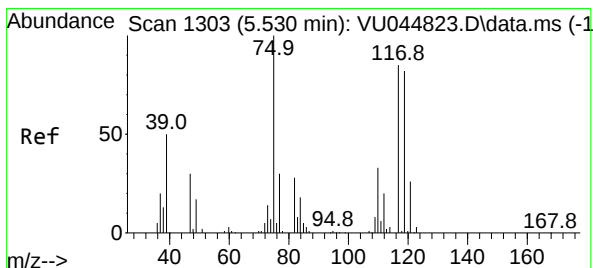
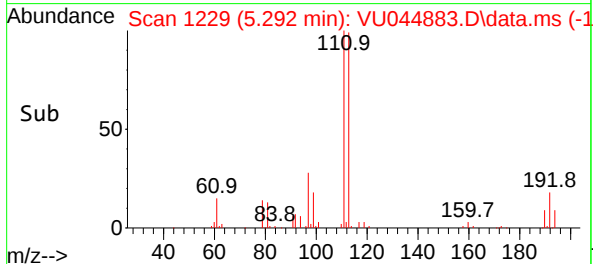
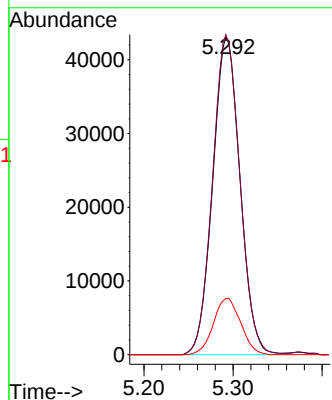
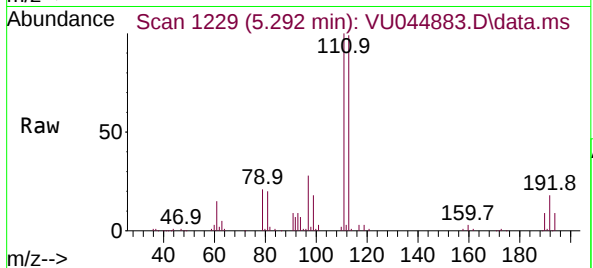


#35

Dibromofluoromethane  
Concen: 48.256 ug/l  
RT: 5.292 min Scan# 1229  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

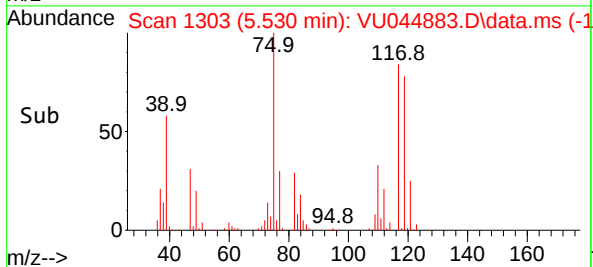
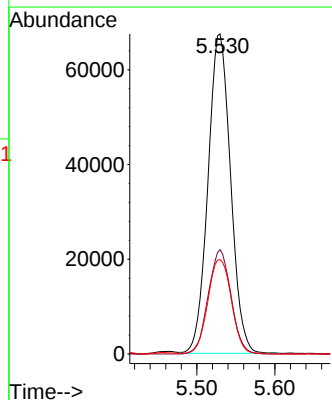
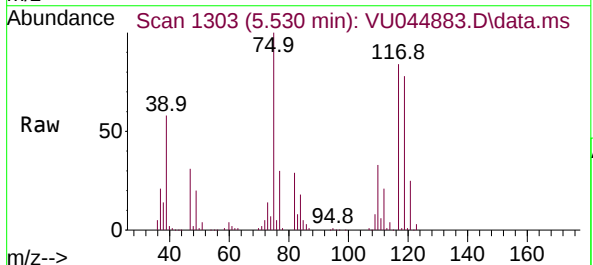
Tgt Ion:113 Resp: 91588  
Ion Ratio Lower Upper  
113 100  
111 101.3 84.1 126.1  
192 17.8 14.8 22.2

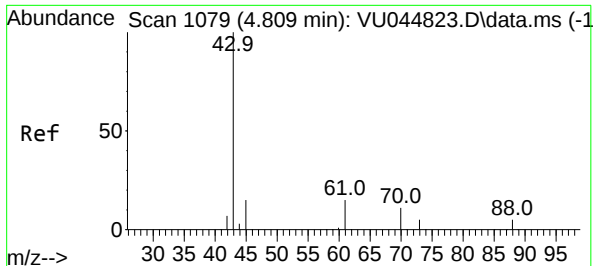


#36

1,1-Dichloropropene  
Concen: 46.329 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 75 Resp: 135996  
Ion Ratio Lower Upper  
75 100  
110 32.8 16.3 48.9  
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 44.992 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. -0.003 min

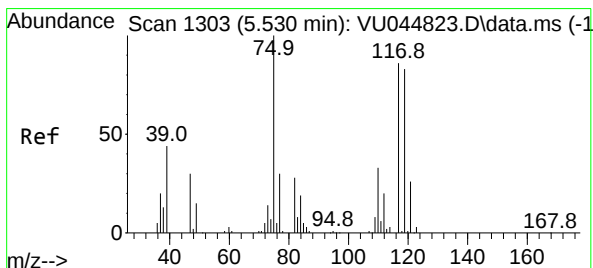
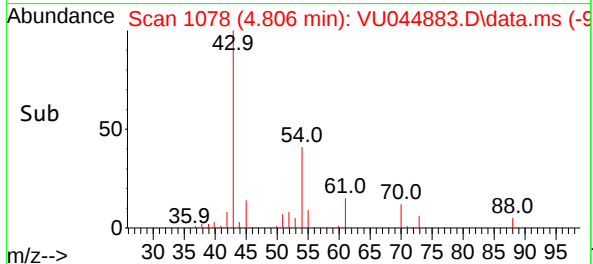
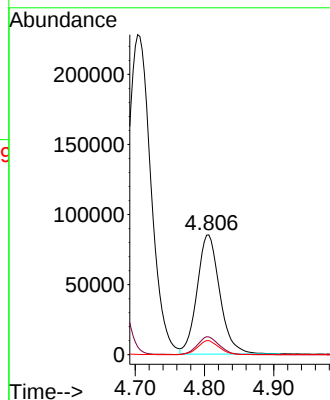
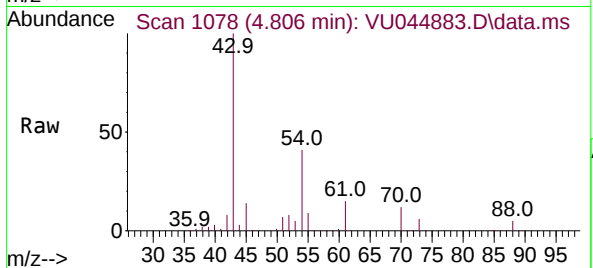
Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 193789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.7  | 10.9  | 16.3  |
| 70  | 11.0  | 8.2   | 12.4  |



#38

Carbon Tetrachloride

Concen: 46.536 ug/l

RT: 5.526 min Scan# 1302

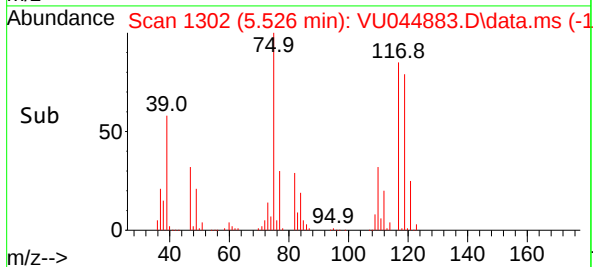
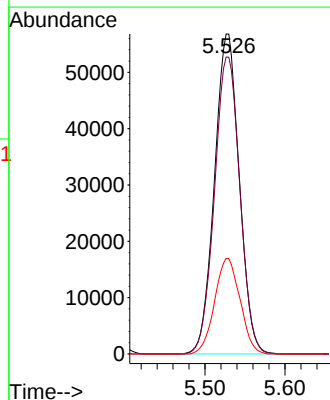
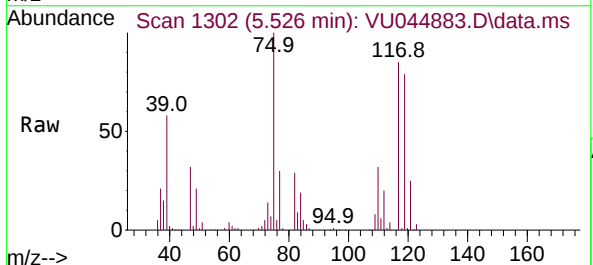
Delta R.T. -0.003 min

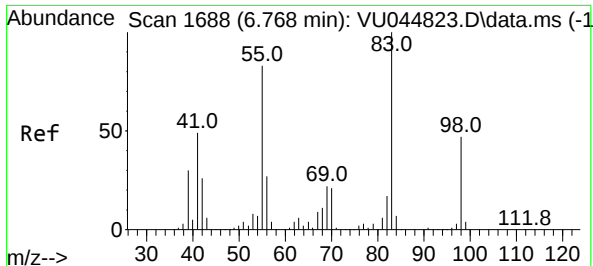
Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Tgt Ion: 117 Resp: 122126

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 92.8  | 77.4  | 116.2 |
| 121 | 29.9  | 24.5  | 36.7  |





#39

Methylcyclohexane

Concen: 47.291 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

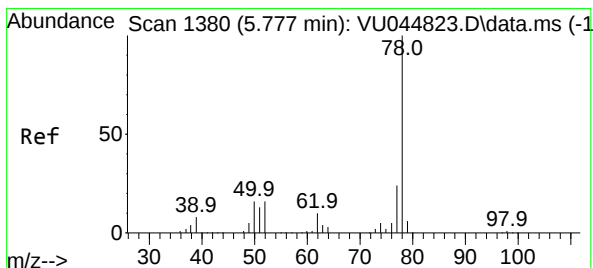
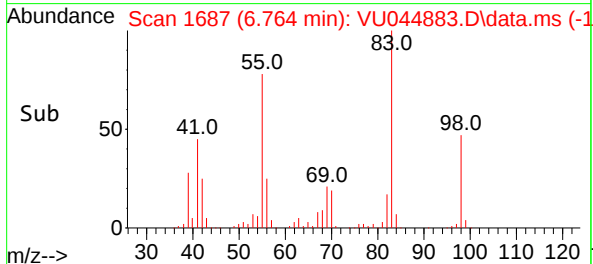
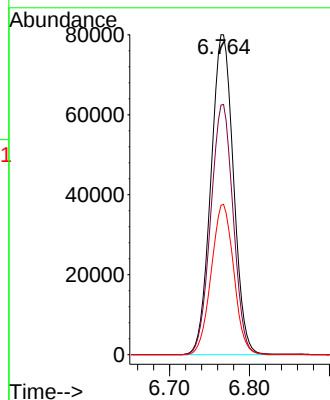
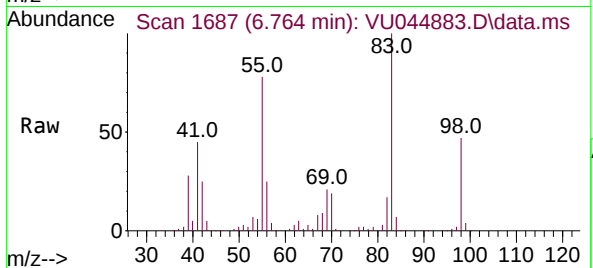
Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Tgt Ion: 83 Resp: 157008

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.0  | 66.2  | 99.4  |
| 98  | 46.7  | 37.5  | 56.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



#40

Benzene

Concen: 46.318 ug/l

RT: 5.777 min Scan# 1380

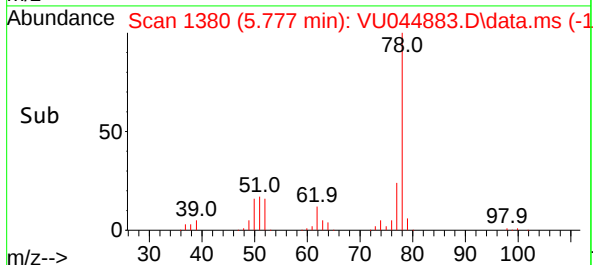
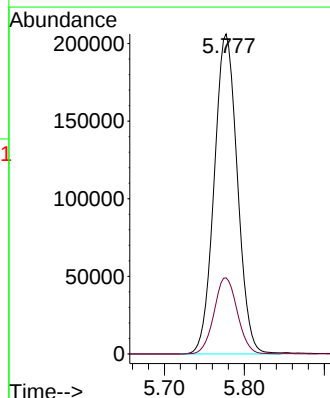
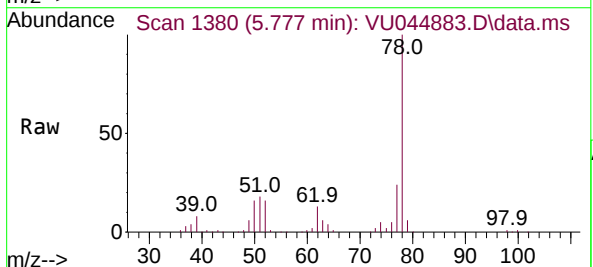
Delta R.T. 0.000 min

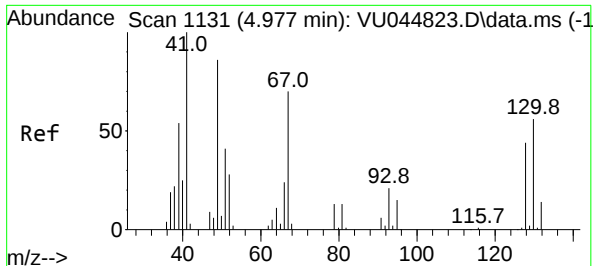
Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Tgt Ion: 78 Resp: 414530

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.8  | 19.1  | 28.7  |



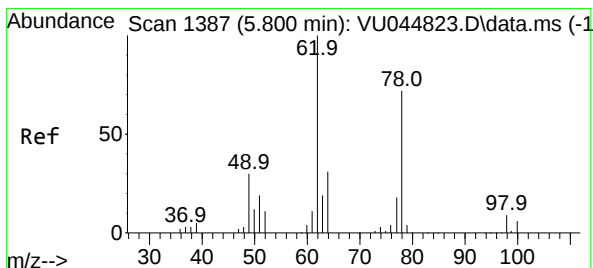
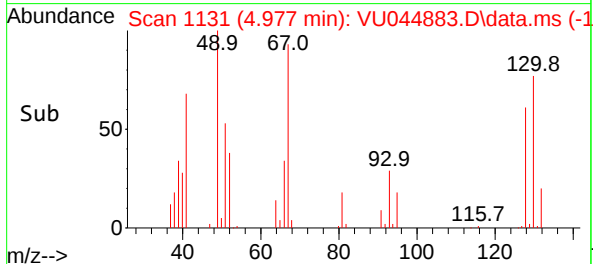
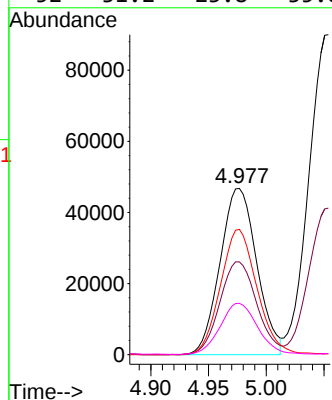
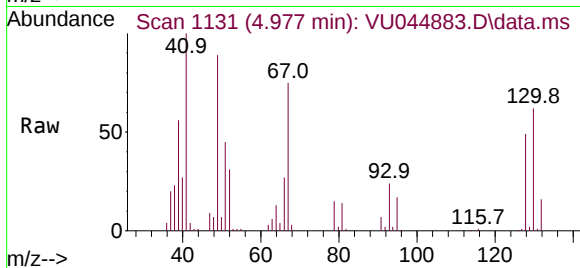


#41  
Methacrylonitrile  
Concen: 48.254 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 103743

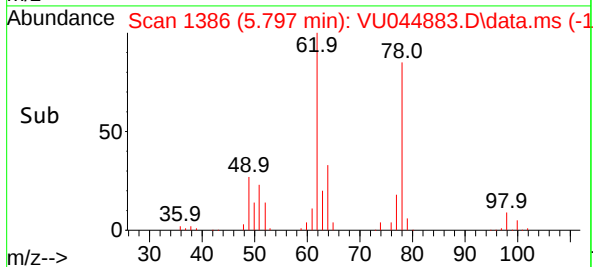
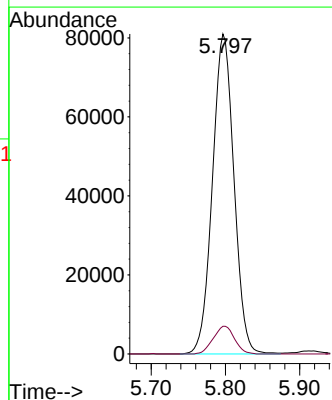
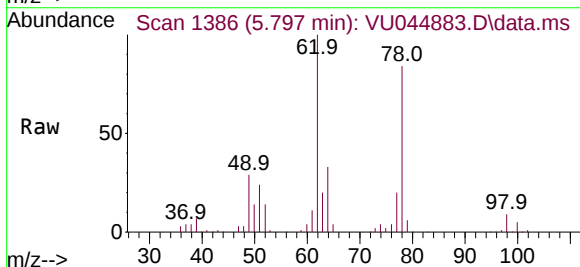
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.6  | 44.4  | 66.6  |
| 67  | 75.5  | 58.1  | 87.1  |
| 52  | 31.2  | 23.8  | 35.8  |

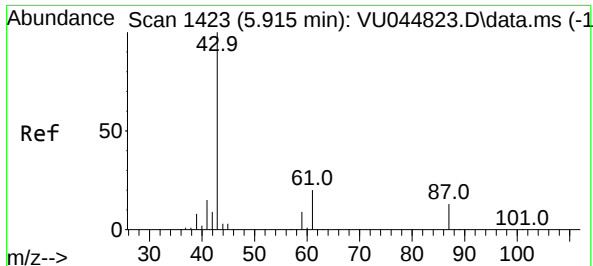


#42  
1,2-Dichloroethane  
Concen: 46.283 ug/l  
RT: 5.797 min Scan# 1386  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 62 Resp: 162957

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 17.8  |

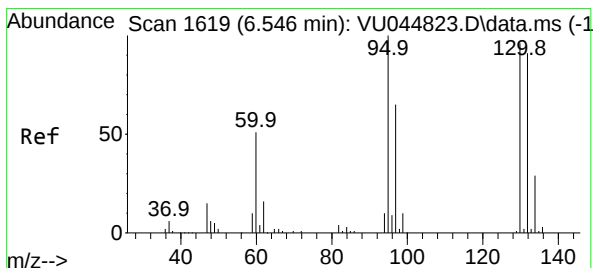
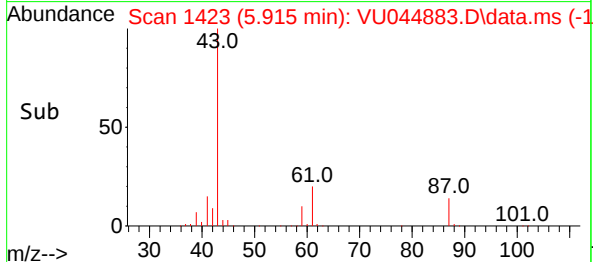
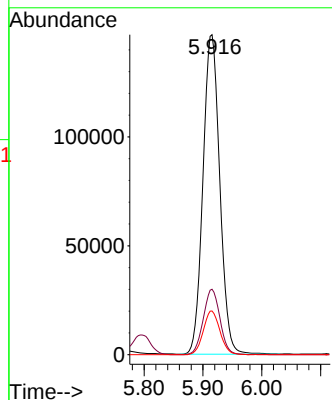
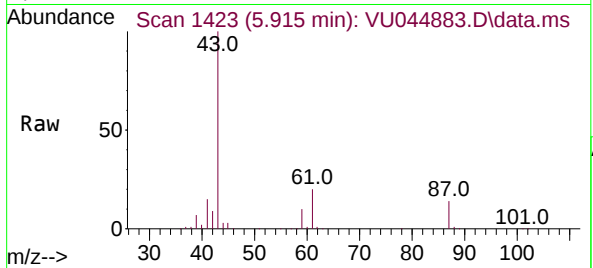




#43  
Isopropyl Acetate  
Concen: 48.419 ug/l  
RT: 5.915 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

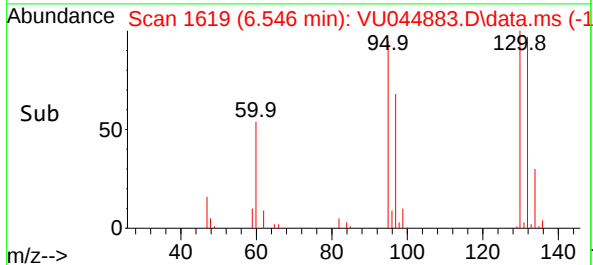
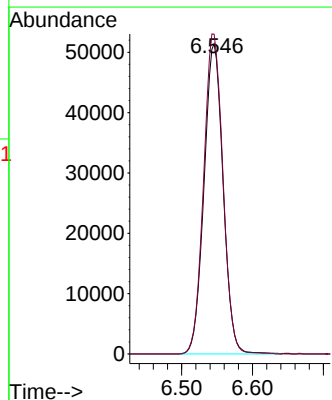
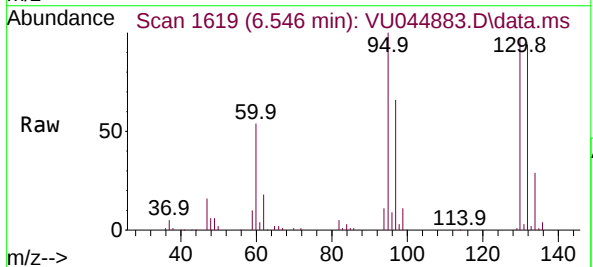
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

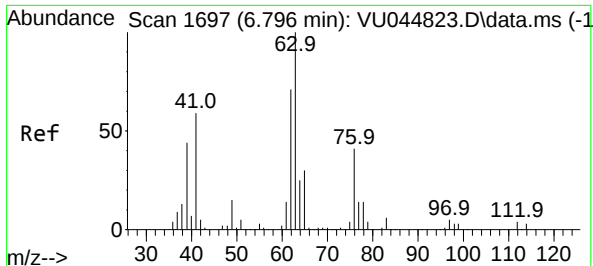
Tgt Ion: 43 Resp: 291771  
Ion Ratio Lower Upper  
43 100  
61 20.3 16.1 24.1  
87 13.5 10.3 15.5



#44  
Trichloroethene  
Concen: 44.654 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 130 Resp: 96049  
Ion Ratio Lower Upper  
130 100  
95 103.2 0.0 209.0



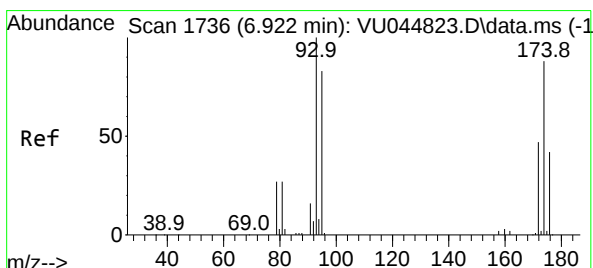
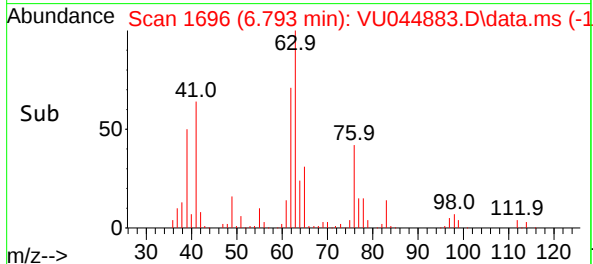
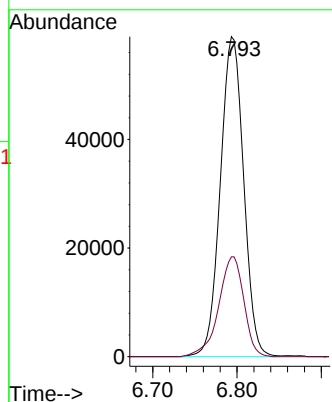
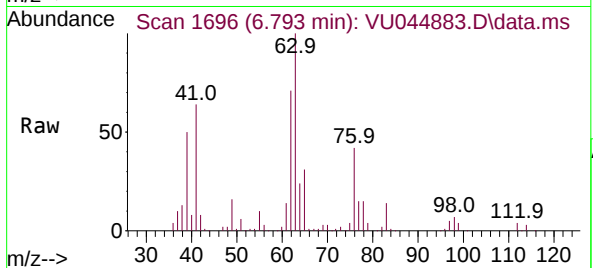


#45

1,2-Dichloropropane  
Concen: 46.690 ug/l  
RT: 6.793 min Scan# 1696  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

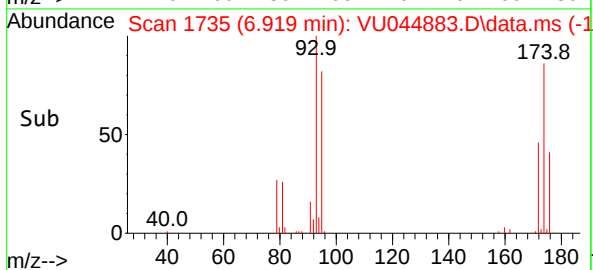
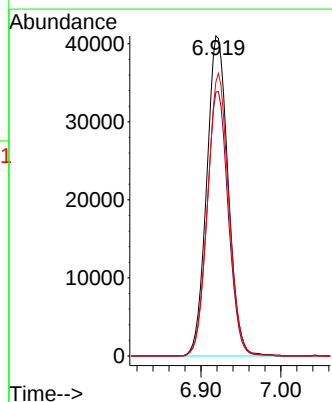
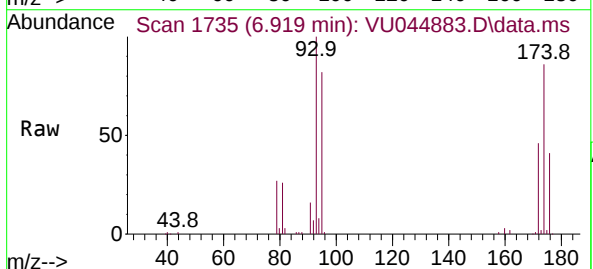
Tgt Ion: 63 Resp: 113089  
Ion Ratio Lower Upper  
63 100  
65 31.2 23.9 35.9

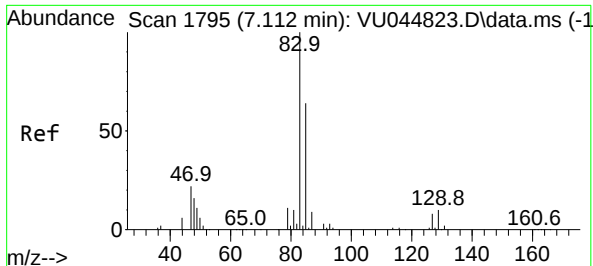


#46

Dibromomethane  
Concen: 47.627 ug/l  
RT: 6.919 min Scan# 1735  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 93 Resp: 76439  
Ion Ratio Lower Upper  
93 100  
95 82.1 65.6 98.4  
174 86.9 70.7 106.1

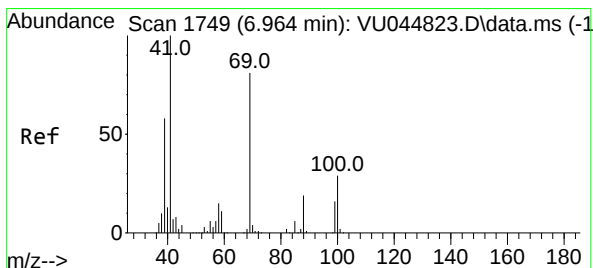
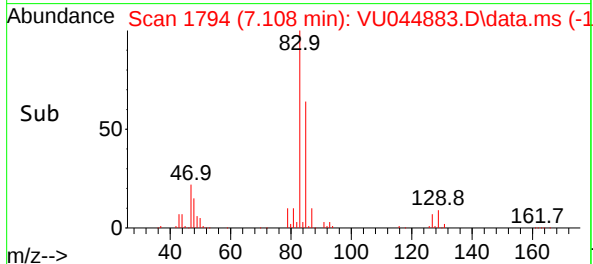
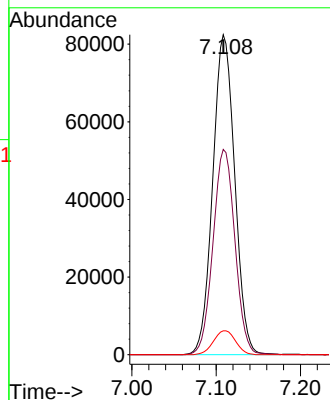
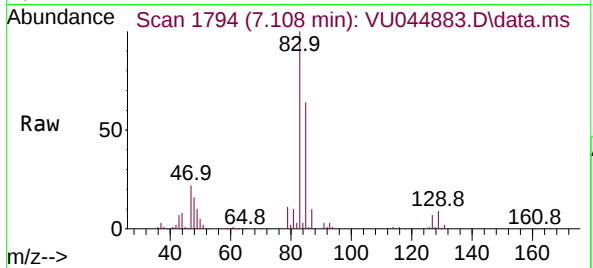




#47  
Bromodichloromethane  
Concen: 47.138 ug/l  
RT: 7.108 min Scan# 1794  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

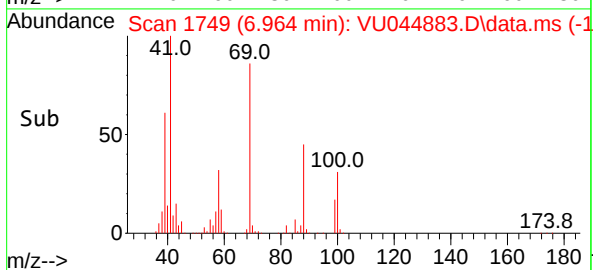
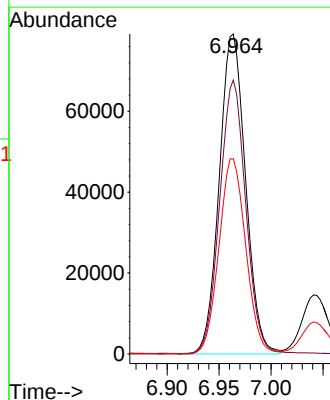
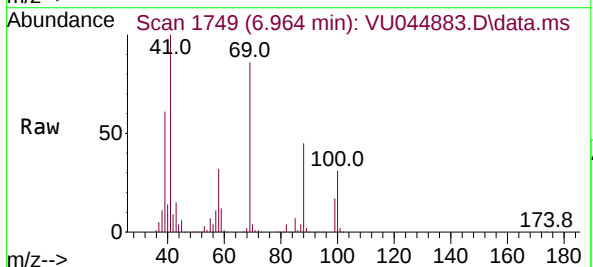
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

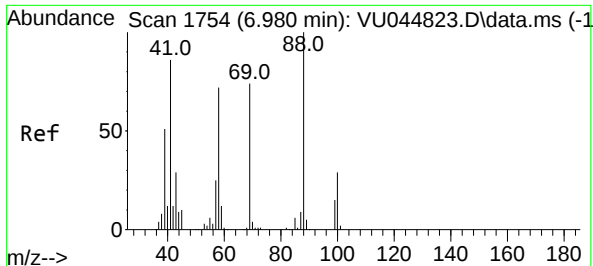
Tgt Ion: 83 Resp: 149232  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.6 77.4  
127 7.4 6.2 9.4



#48  
Methyl methacrylate  
Concen: 48.975 ug/l  
RT: 6.964 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 41 Resp: 139296  
Ion Ratio Lower Upper  
41 100  
69 85.2 65.6 98.4  
39 62.2 46.2 69.4





#49

1,4-Dioxane

Concen: 1101.299 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. -0.010 min

Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Tgt Ion: 88 Resp: 80054

Ion Ratio Lower Upper

88 100

43 31.8 25.8 38.6

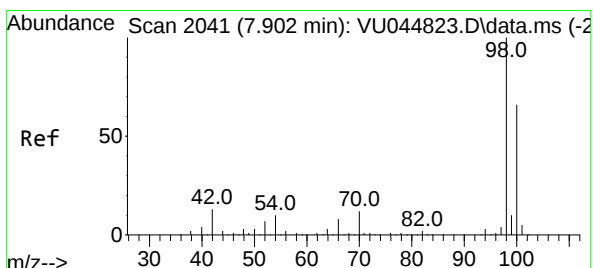
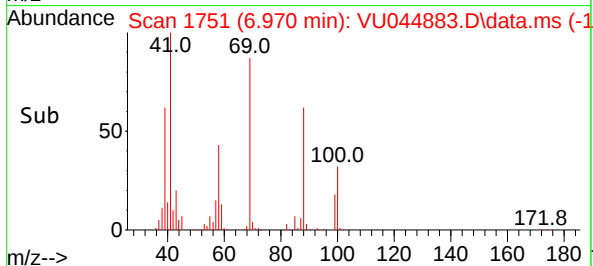
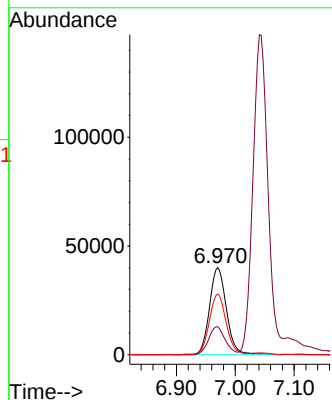
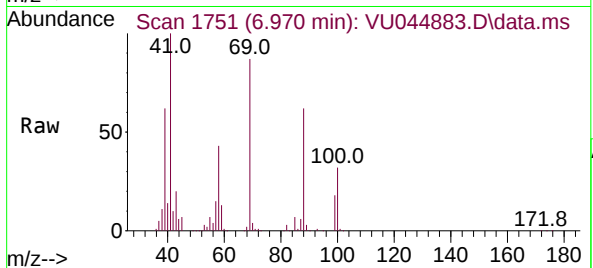
58 68.8 61.3 91.9

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC



#50

Toluene-d8

Concen: 49.000 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU044883.D

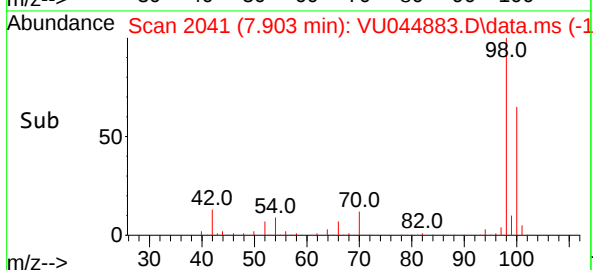
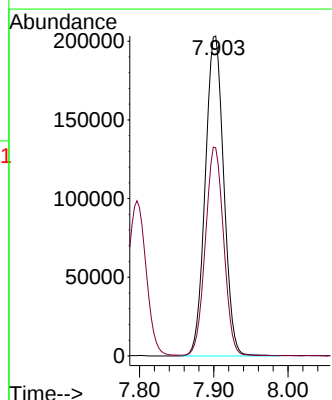
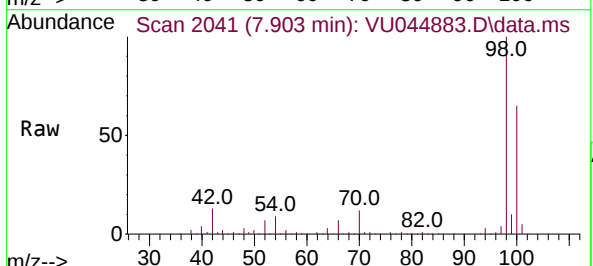
Acq: 26 Sep 2021 10:09

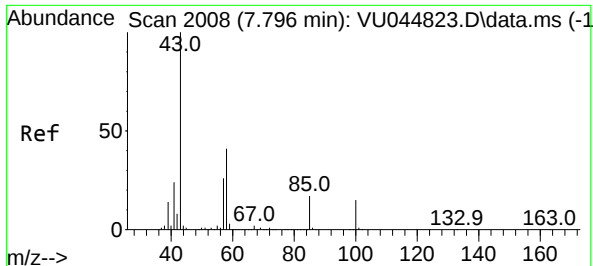
Tgt Ion: 98 Resp: 351241

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7

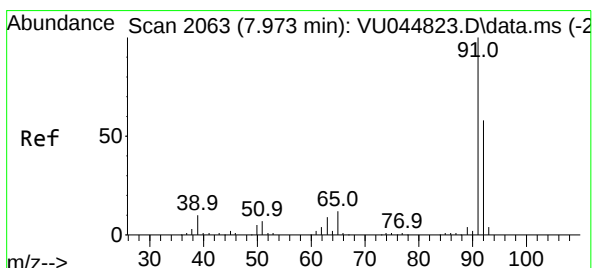
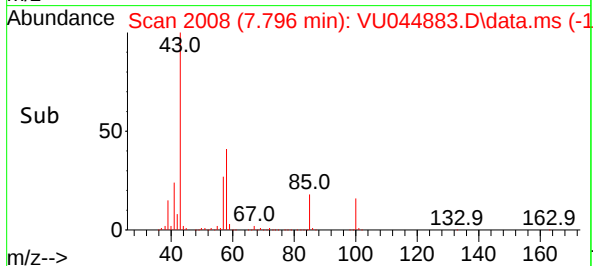
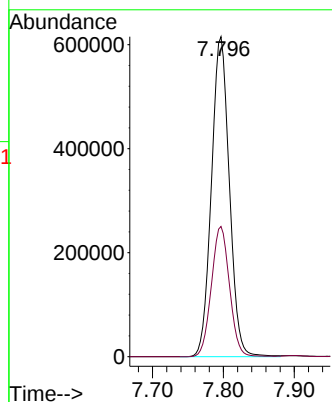
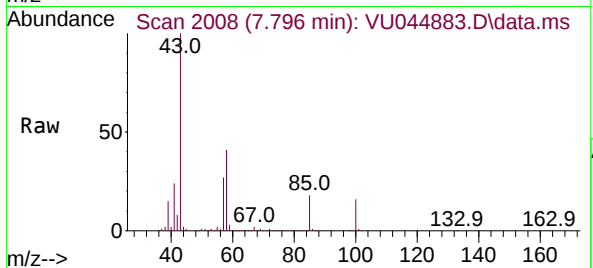




#51  
4-Methyl-2-Pentanone  
Concen: 251.316 ug/l  
RT: 7.796 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

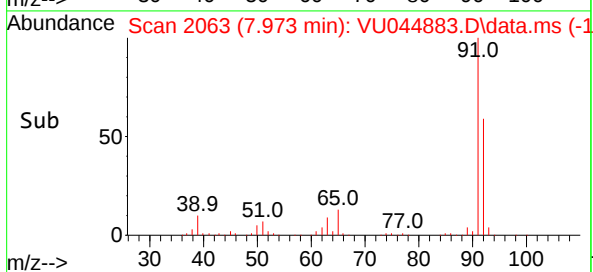
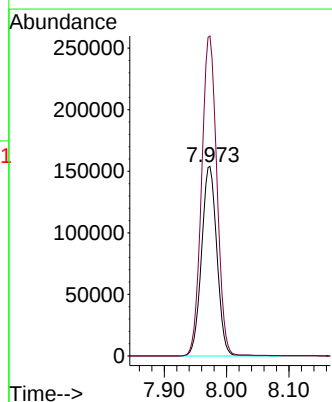
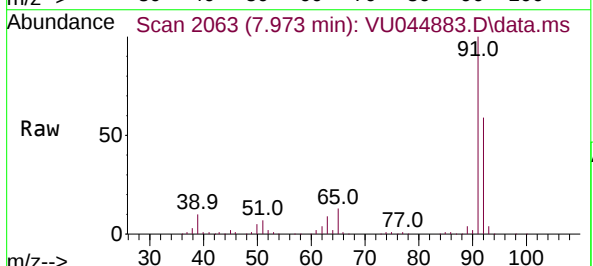
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

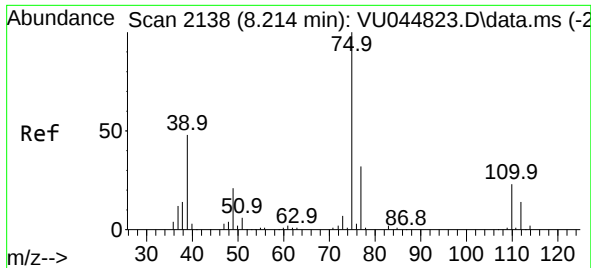
Tgt Ion: 43 Resp: 1079319  
Ion Ratio Lower Upper  
43 100  
58 41.2 32.4 48.6



#52  
Toluene  
Concen: 49.139 ug/l  
RT: 7.973 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 92 Resp: 262927  
Ion Ratio Lower Upper  
92 100  
91 168.6 136.9 205.3

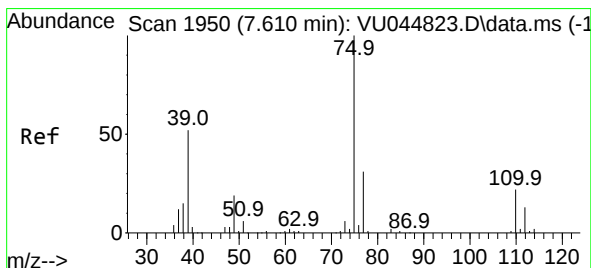
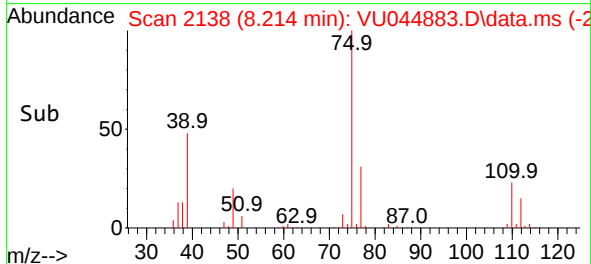
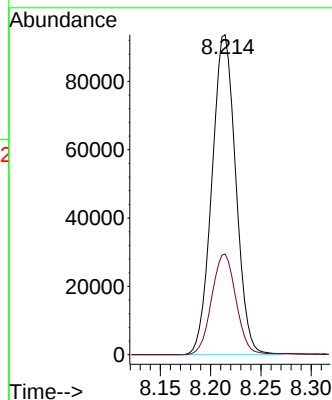
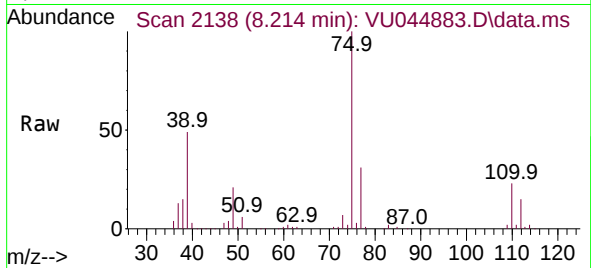




#53  
t-1,3-Dichloropropene  
Concen: 46.886 ug/l  
RT: 8.214 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

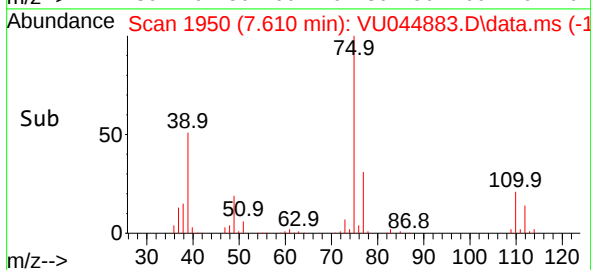
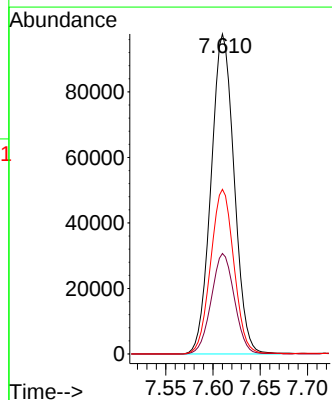
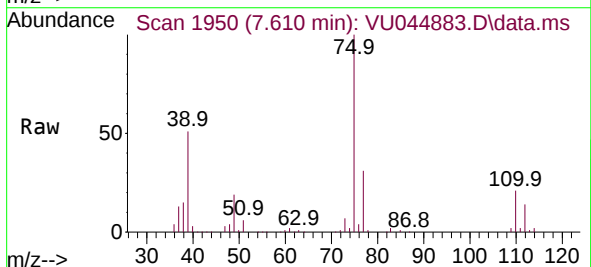
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

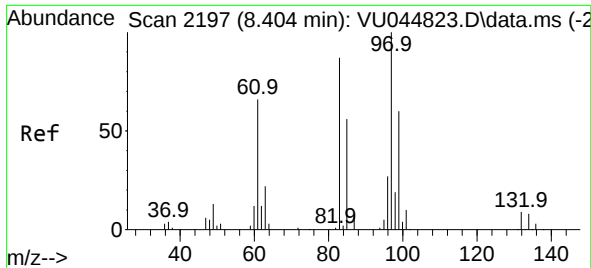
Tgt Ion: 75 Resp: 154644  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 46.482 ug/l  
RT: 7.610 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 75 Resp: 166030  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.0 37.6  
39 51.5 41.4 62.2

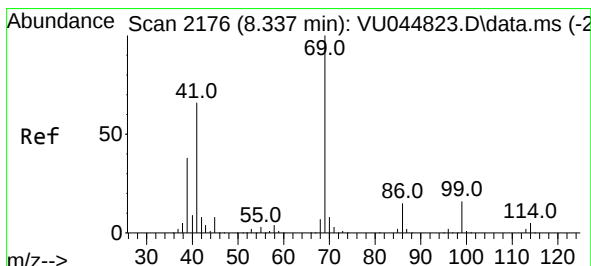
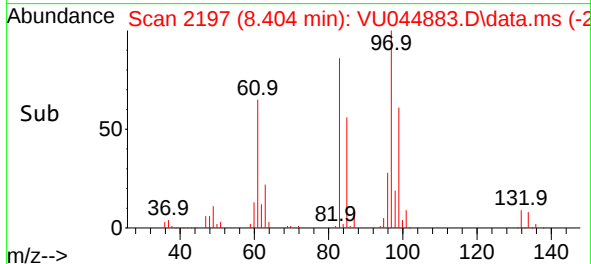
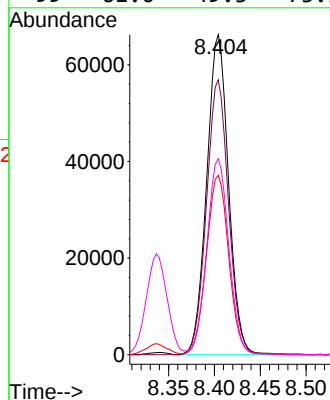
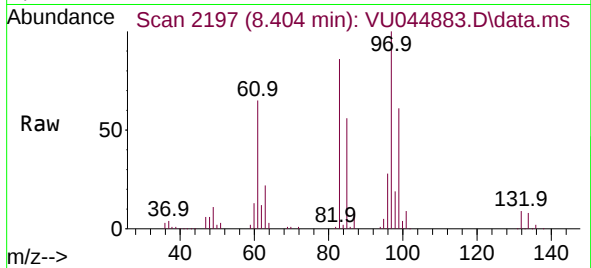




#55  
1,1,2-Trichloroethane  
Concen: 48.021 ug/l  
RT: 8.404 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

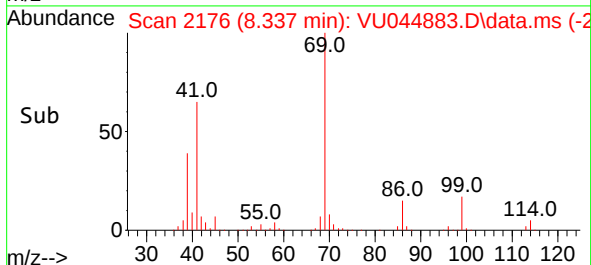
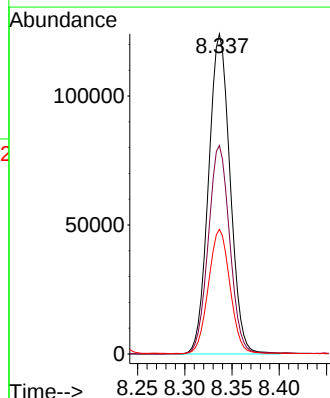
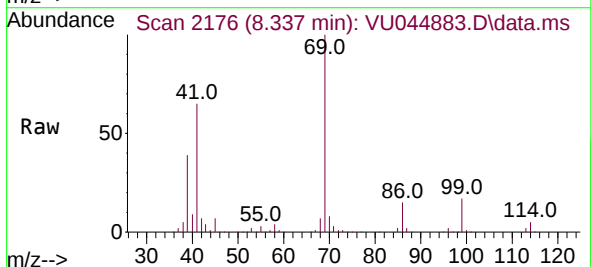
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

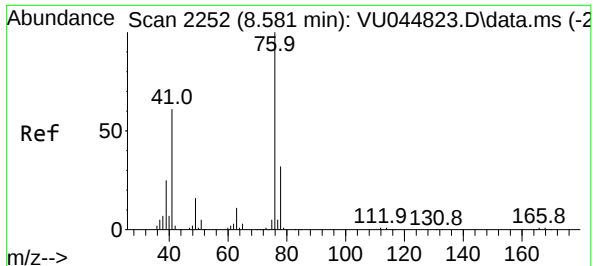
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 109857 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.9  | 69.7  | 104.5  |
| 85       | 55.8  | 44.8  | 67.2   |
| 99       | 61.0  | 49.3  | 73.9   |



#56  
Ethyl methacrylate  
Concen: 48.388 ug/l  
RT: 8.337 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 196919 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.8  | 53.5  | 80.3   |
| 39       | 38.5  | 31.1  | 46.7   |



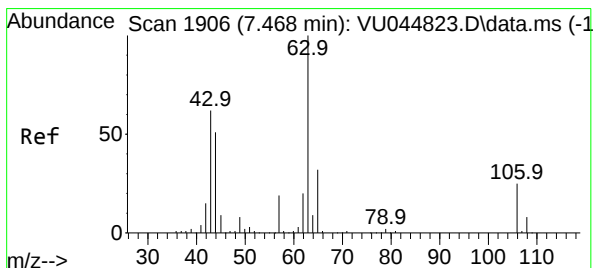
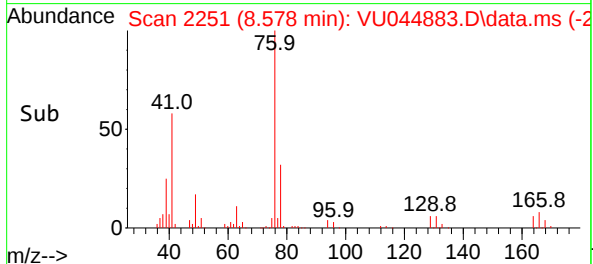
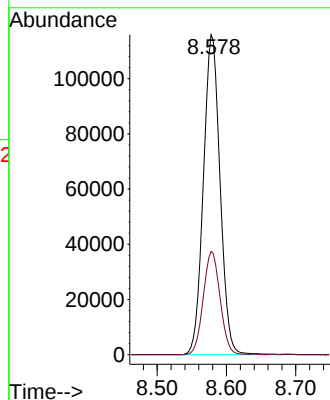
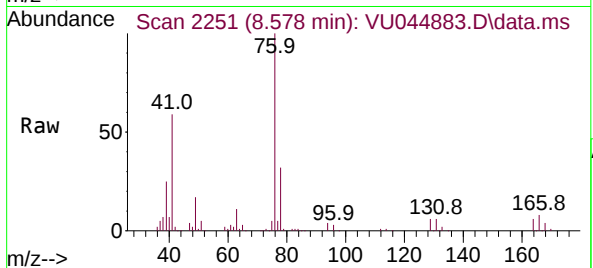


#57

1,3-Dichloropropane  
Concen: 47.438 ug/l  
RT: 8.578 min Scan# 2251  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

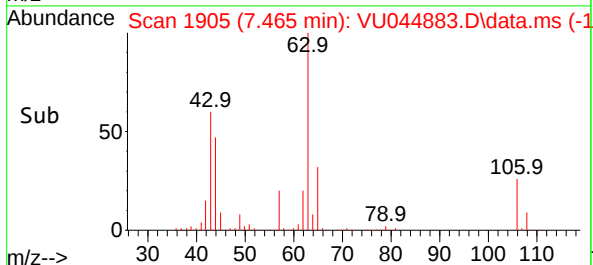
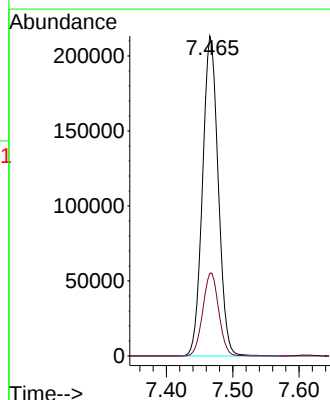
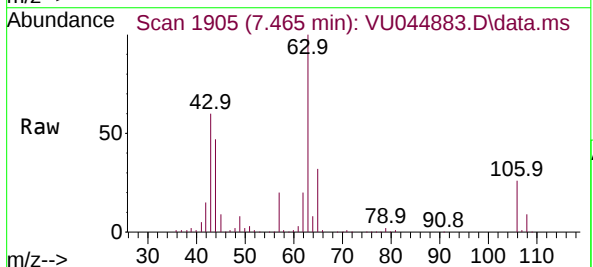
Tgt Ion: 76 Resp: 193241  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.7 38.5

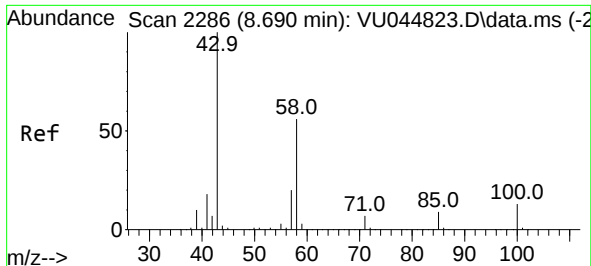


#58

2-Chloroethyl Vinyl ether  
Concen: 347.284 ug/l  
RT: 7.465 min Scan# 1905  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 63 Resp: 350245  
Ion Ratio Lower Upper  
63 100  
106 26.4 20.5 30.7





#59

2-Hexanone

Concen: 258.237 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VU044883.D

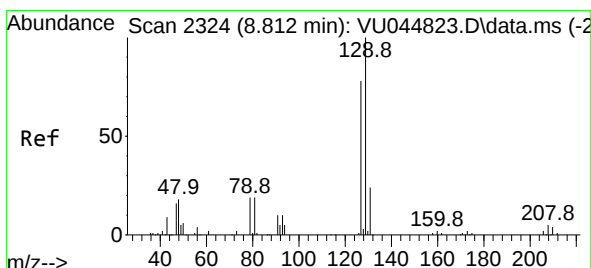
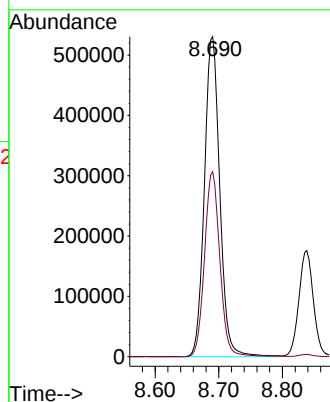
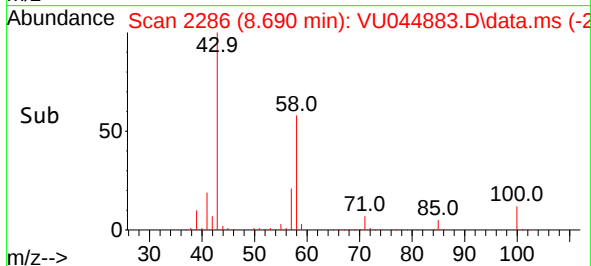
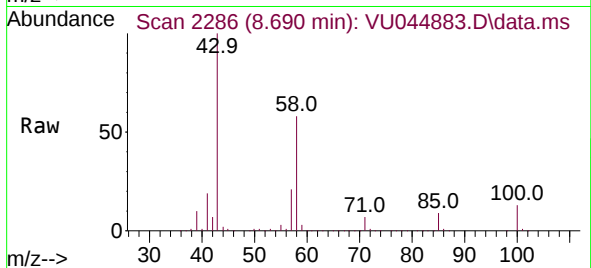
Acq: 26 Sep 2021 10:09

Tgt Ion: 43 Resp: 890211

Ion Ratio Lower Upper

43 100

58 57.7 28.0 84.0



#60

Dibromochloromethane

Concen: 48.662 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU044883.D

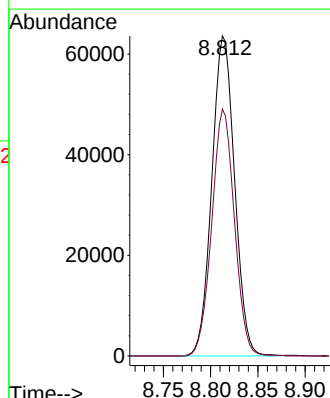
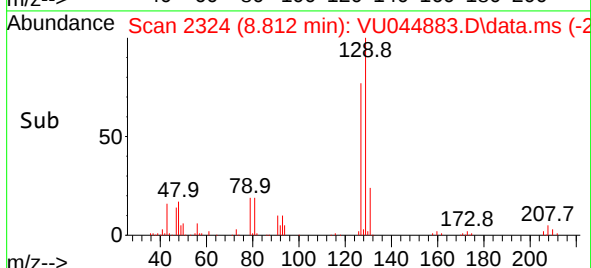
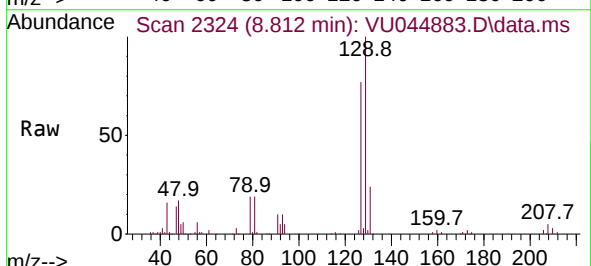
Acq: 26 Sep 2021 10:09

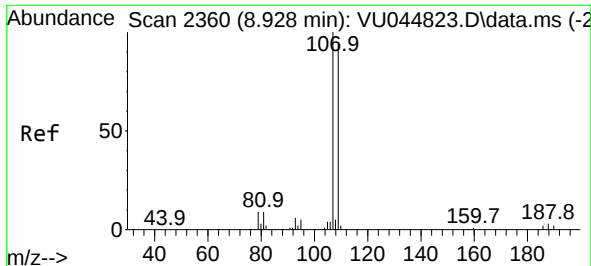
Tgt Ion: 129 Resp: 106603

Ion Ratio Lower Upper

129 100

127 76.6 39.0 117.0

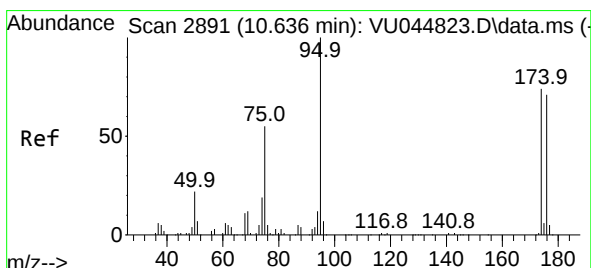
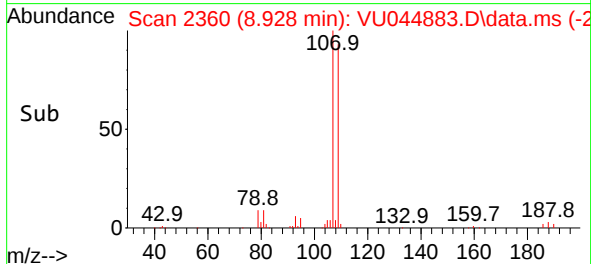
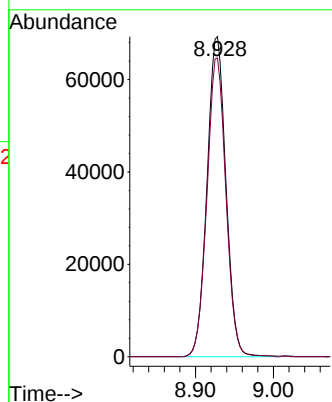
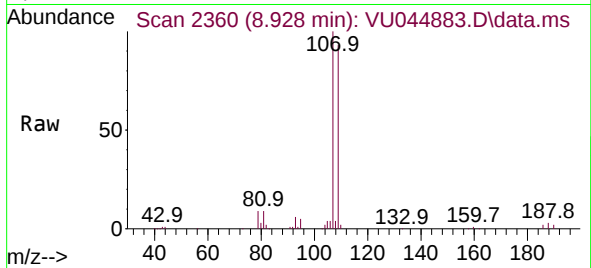




#61  
1,2-Dibromoethane  
Concen: 48.526 ug/l  
RT: 8.928 min Scan# 2360  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

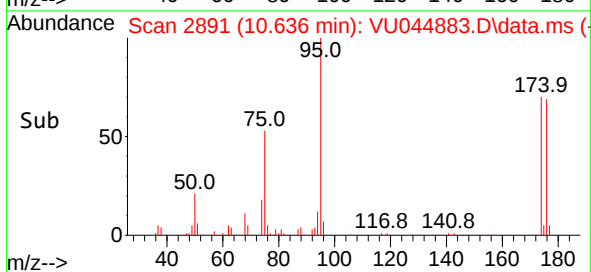
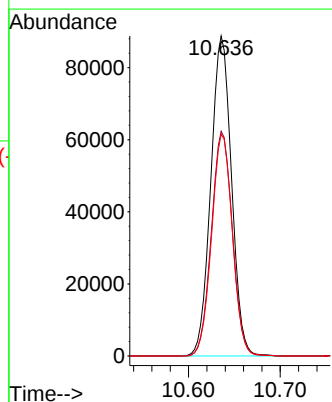
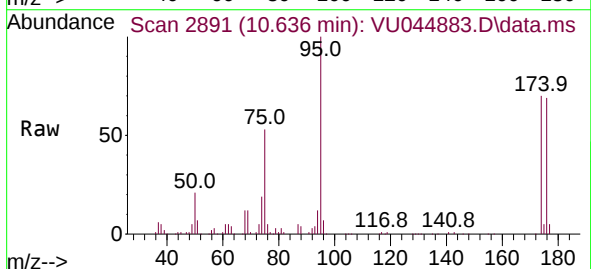
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

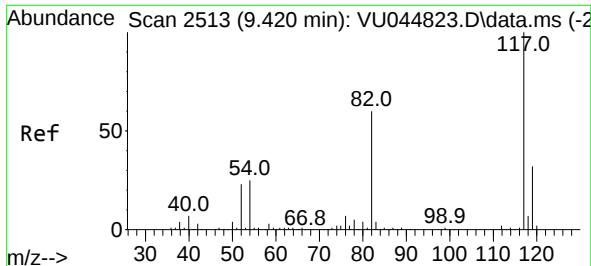
Tgt Ion:107 Resp: 116562  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 52.207 ug/l  
RT: 10.636 min Scan# 2891  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 95 Resp: 138997  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 146.6  
176 69.4 0.0 141.2

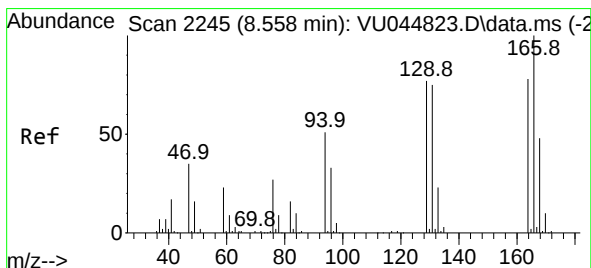
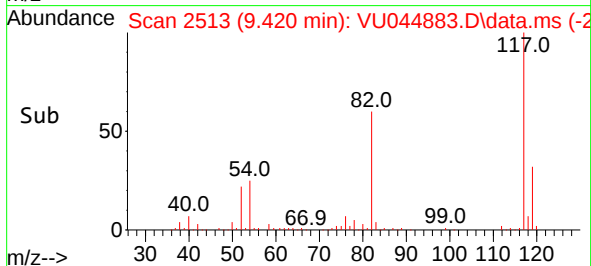
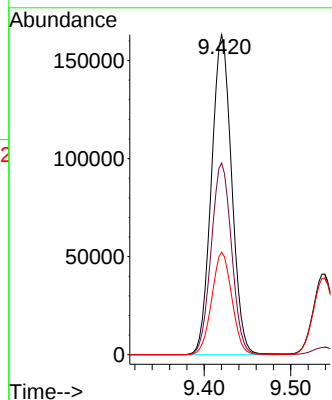
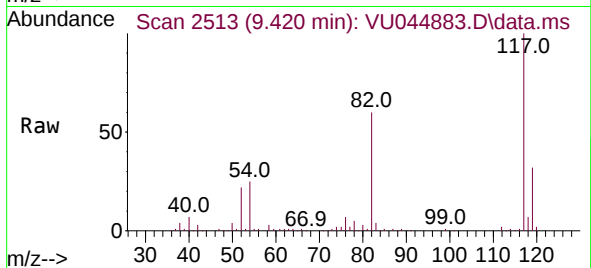




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

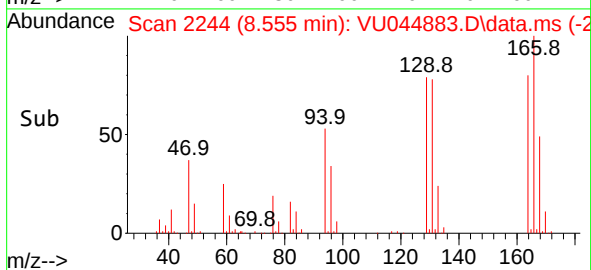
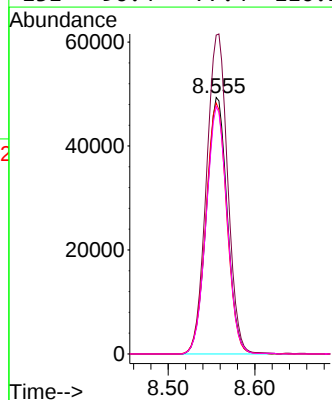
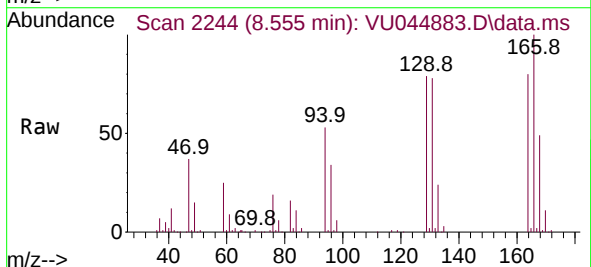
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

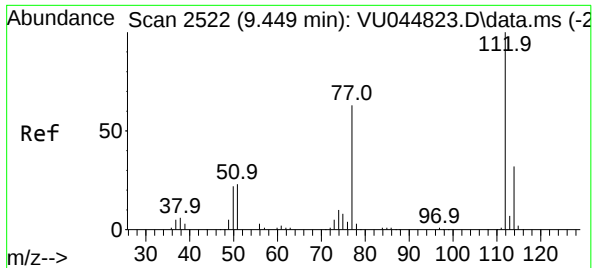
Tgt Ion:117 Resp: 264906  
Ion Ratio Lower Upper  
117 100  
82 59.9 47.8 71.8  
119 32.1 25.8 38.6



#64  
Tetrachloroethene  
Concen: 45.906 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion:164 Resp: 82429  
Ion Ratio Lower Upper  
164 100  
166 124.3 102.8 154.2  
129 97.8 79.4 119.2  
131 96.4 77.4 116.2

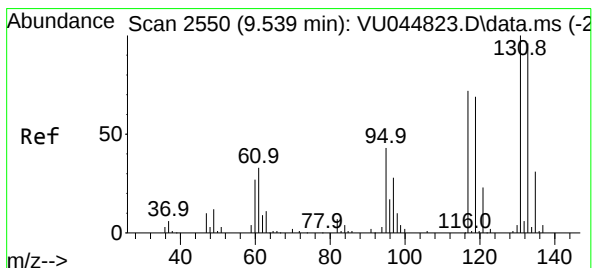
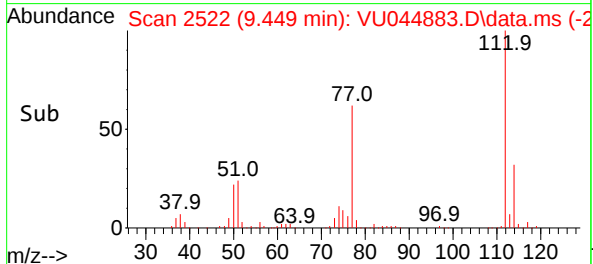
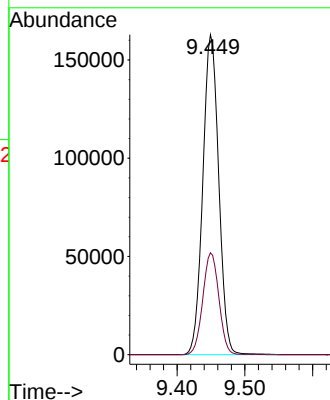
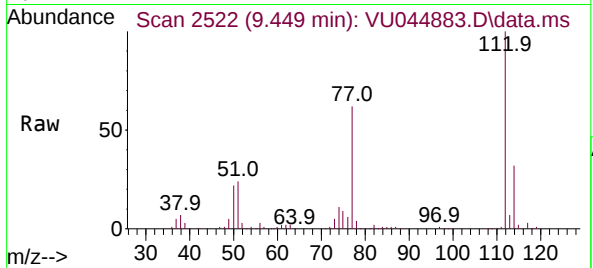




#65  
Chlorobenzene  
Concen: 48.371 ug/l  
RT: 9.449 min Scan# 2522  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

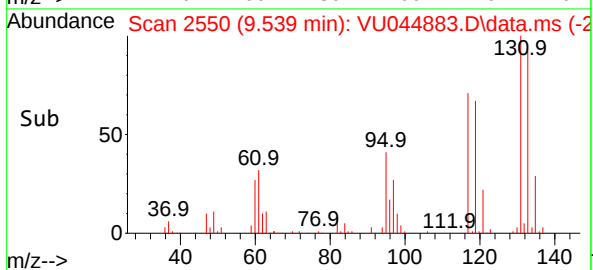
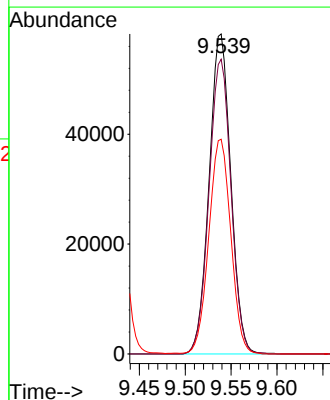
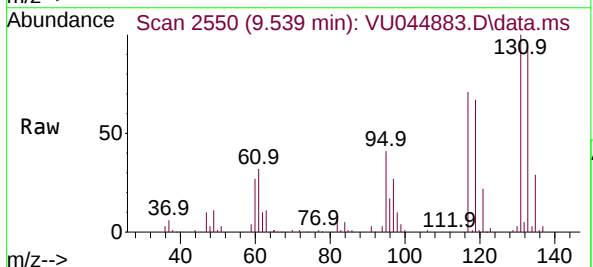
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

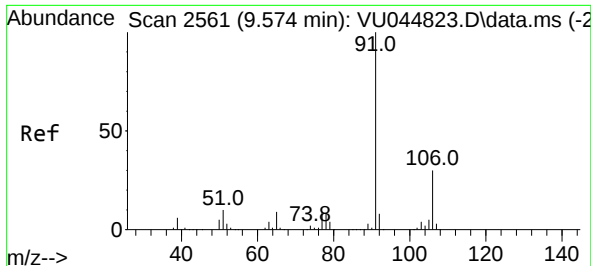
Tgt Ion:112 Resp: 266008  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.712 ug/l  
RT: 9.539 min Scan# 2550  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion:131 Resp: 95548  
Ion Ratio Lower Upper  
131 100  
133 93.5 48.1 144.3  
119 68.2 34.1 102.3





#67

Ethyl Benzene

Concen: 51.116 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Tgt Ion: 91 Resp: 501742

Ion Ratio Lower Upper

91 100

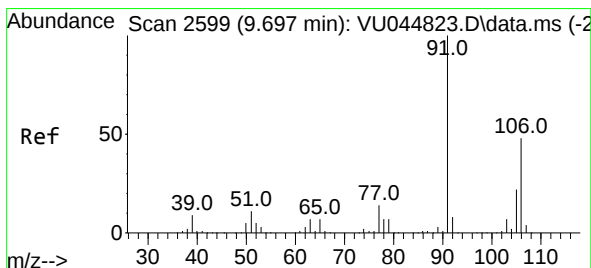
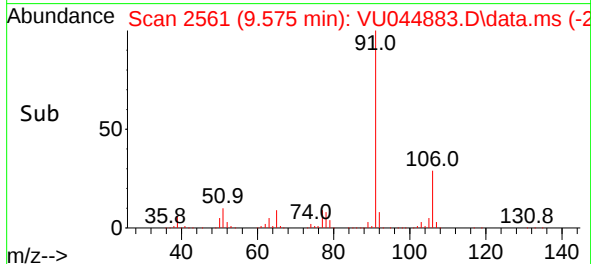
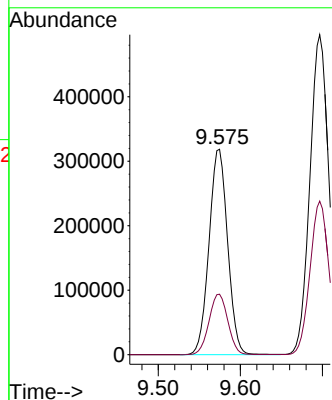
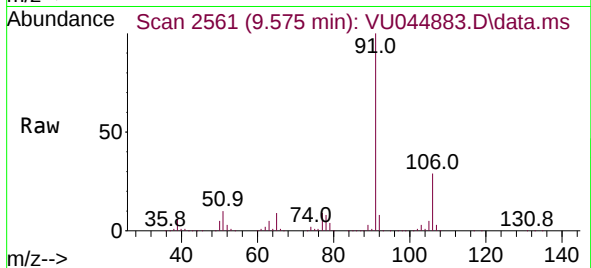
106 29.4 24.3 36.5

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC



#68

m/p-Xylenes

Concen: 102.571 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU044883.D

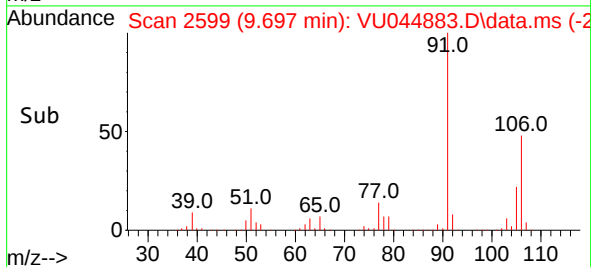
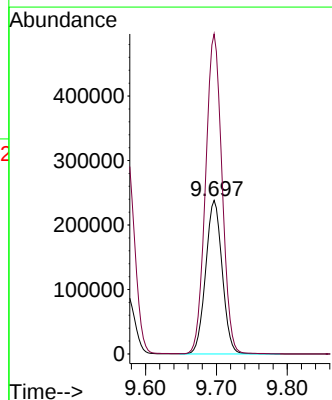
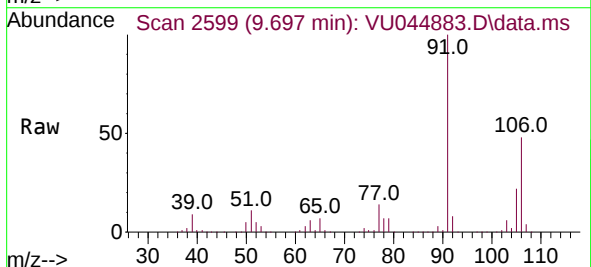
Acq: 26 Sep 2021 10:09

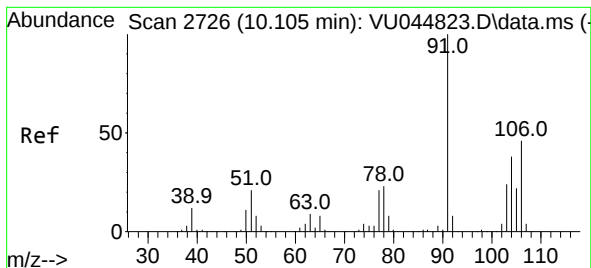
Tgt Ion:106 Resp: 385072

Ion Ratio Lower Upper

106 100

91 208.1 164.2 246.2





#69

o-Xylene

Concen: 53.149 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. -0.003 min

Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

Tgt Ion:106 Resp: 192941

Ion Ratio Lower Upper

106 100

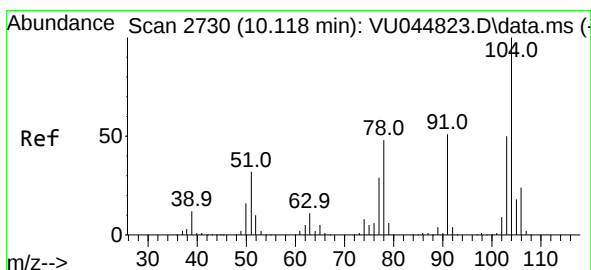
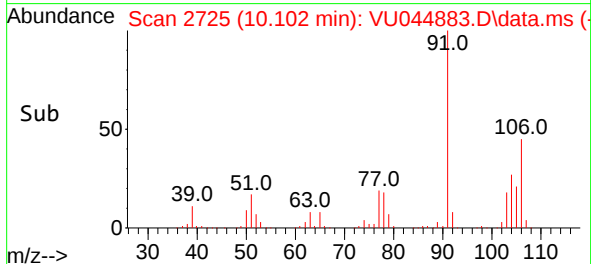
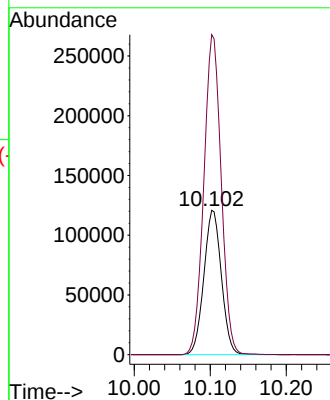
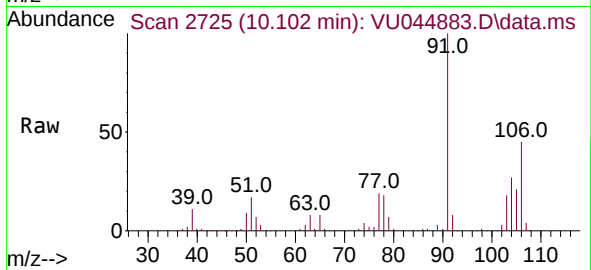
91 220.2 108.9 326.7

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC



#70

Styrene

Concen: 48.191 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044883.D

Acq: 26 Sep 2021 10:09

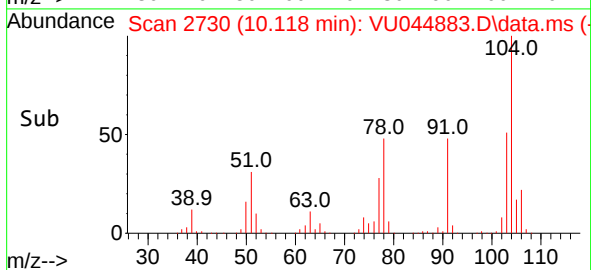
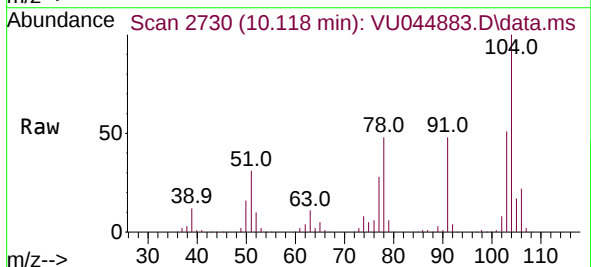
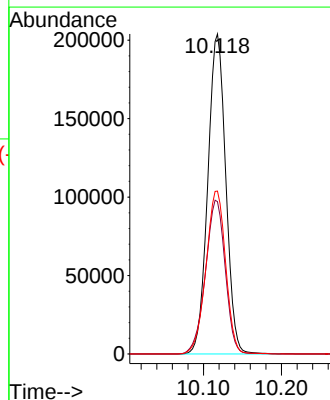
Tgt Ion:104 Resp: 326717

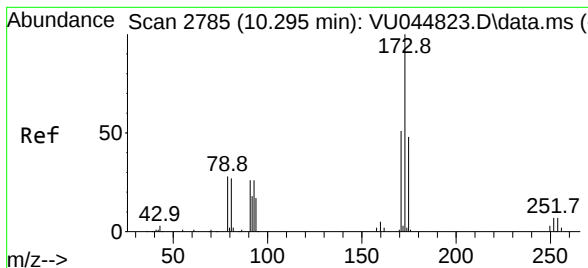
Ion Ratio Lower Upper

104 100

78 52.7 41.4 62.0

103 55.7 43.5 65.3

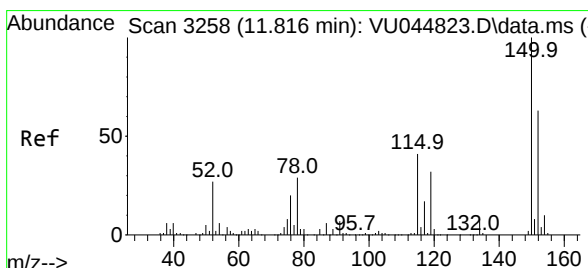
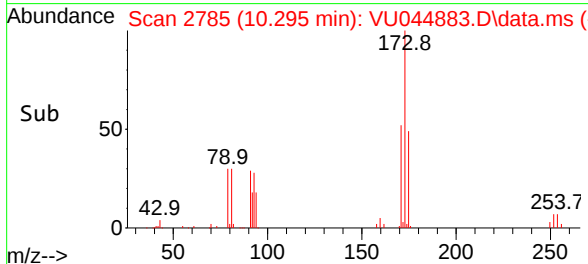
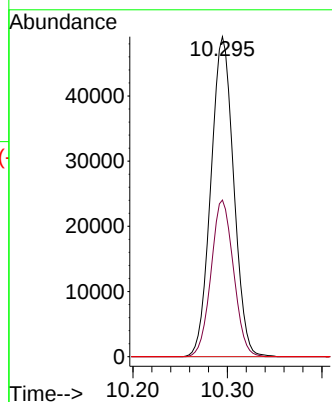
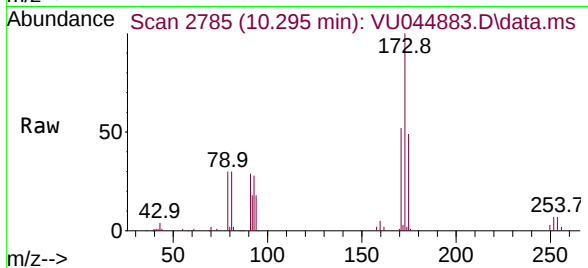




#71  
Bromoform  
Concen: 50.621 ug/l  
RT: 10.295 min Scan# 2785  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

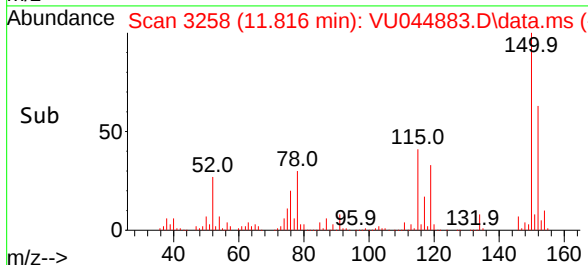
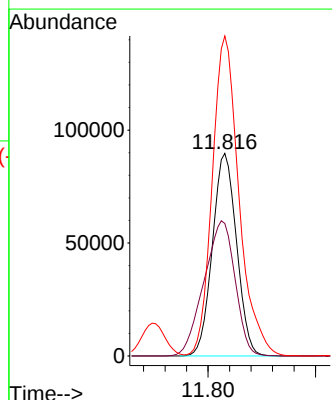
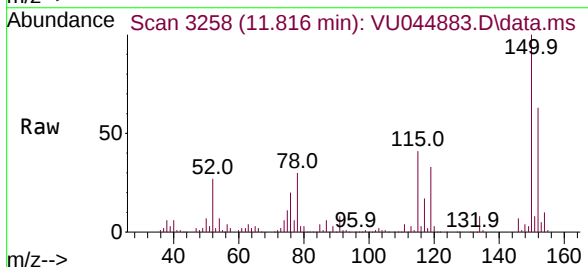
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

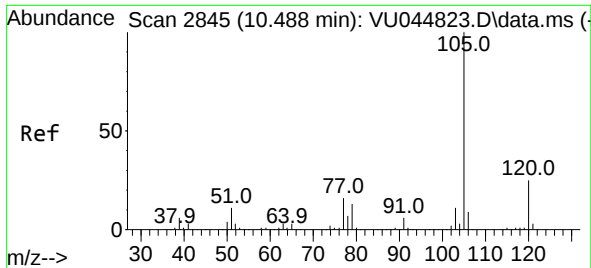
Tgt Ion:173 Resp: 82157  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.816 min Scan# 3258  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion:152 Resp: 139748  
Ion Ratio Lower Upper  
152 100  
115 85.8 43.5 130.7  
150 175.0 0.0 350.0

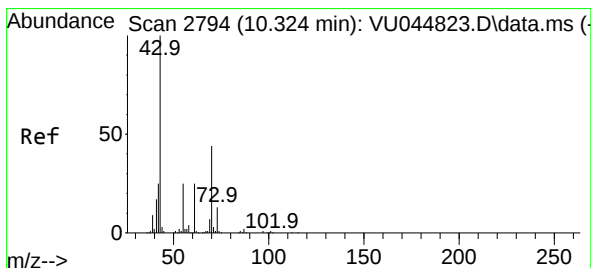
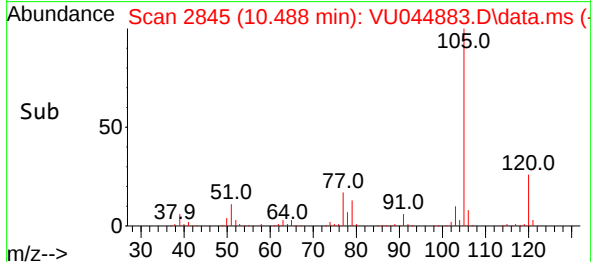
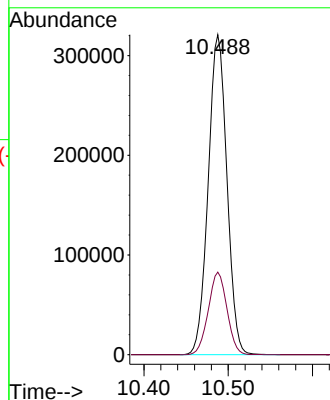
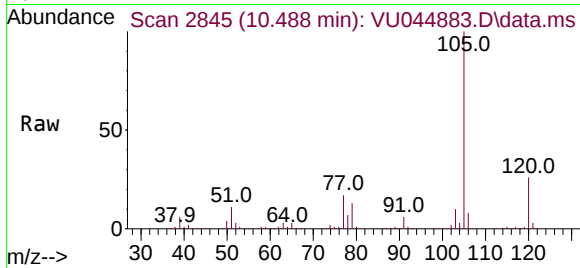




#73  
Isopropylbenzene  
Concen: 49.934 ug/l  
RT: 10.488 min Scan# 2845  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

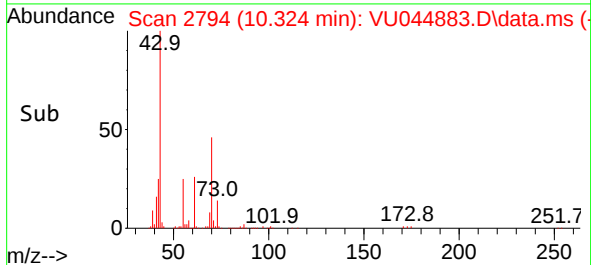
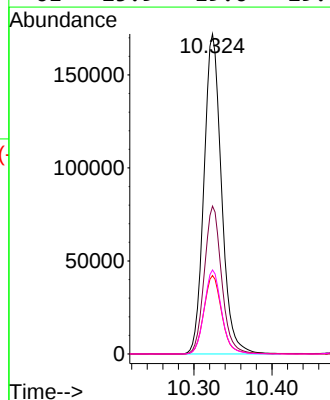
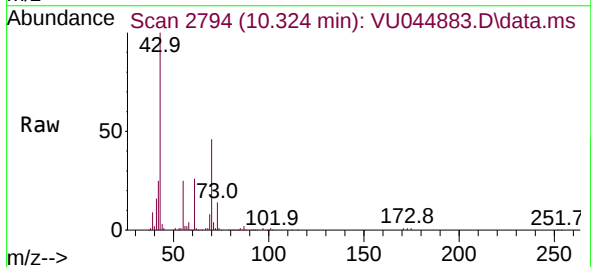
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

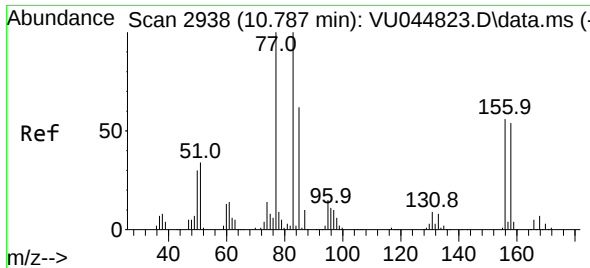
Tgt Ion:105 Resp: 495277  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.8 38.3



#74  
N-ethyl acetate  
Concen: 53.214 ug/l  
RT: 10.324 min Scan# 2794  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 43 Resp: 269019  
Ion Ratio Lower Upper  
43 100  
70 45.7 35.1 52.7  
55 24.9 20.5 30.7  
61 25.9 19.6 29.4

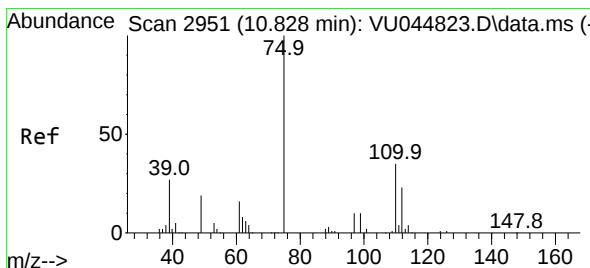
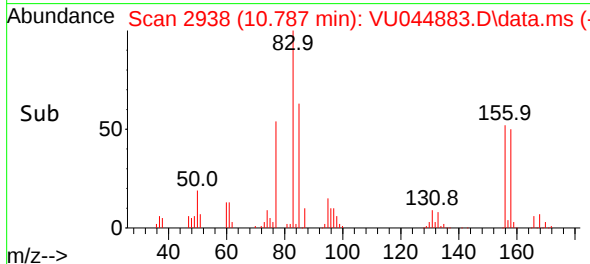
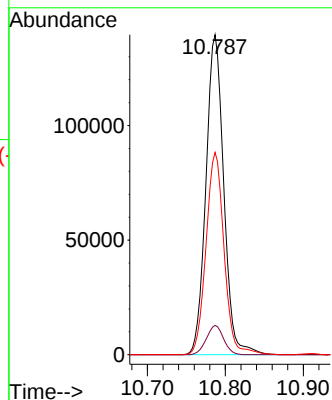
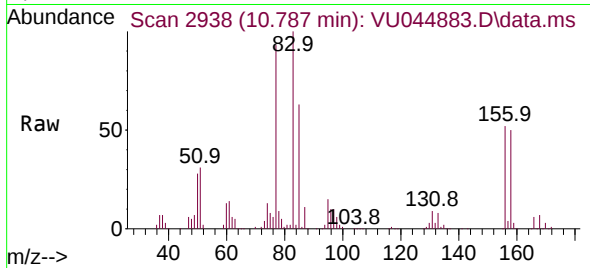




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.163 ug/l  
 RT: 10.787 min Scan# 2938  
 Delta R.T. 0.000 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

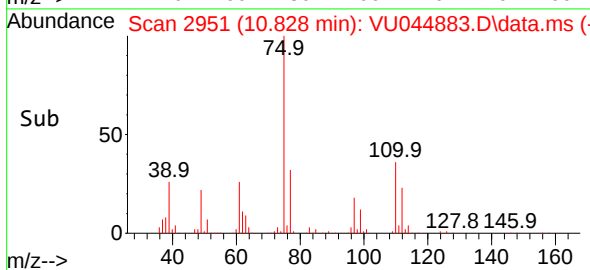
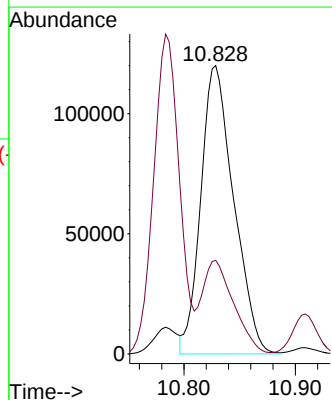
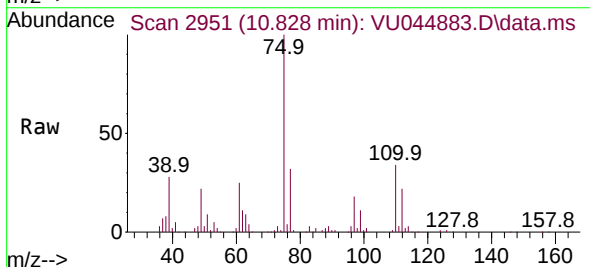
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

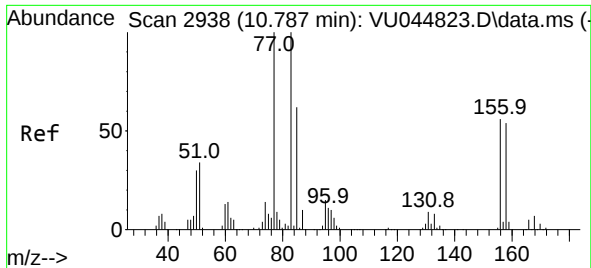
Tgt Ion: 83 Resp: 222155  
 Ion Ratio Lower Upper  
 83 100  
 131 8.8 4.3 13.1  
 85 63.8 31.9 95.5



#76  
 1,2,3-Trichloropropane  
 Concen: 58.217 ug/l  
 RT: 10.828 min Scan# 2951  
 Delta R.T. 0.000 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

Tgt Ion: 75 Resp: 246363  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 17.9 53.7

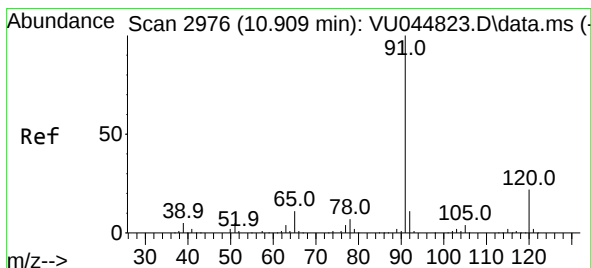
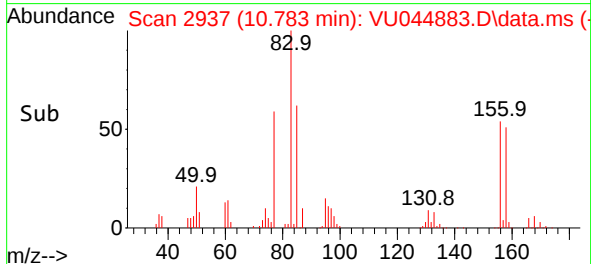
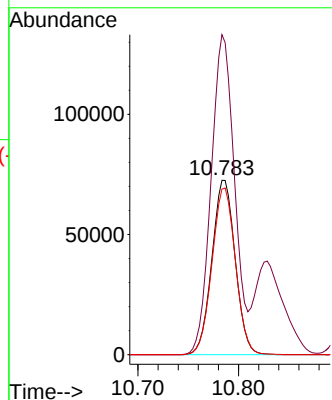
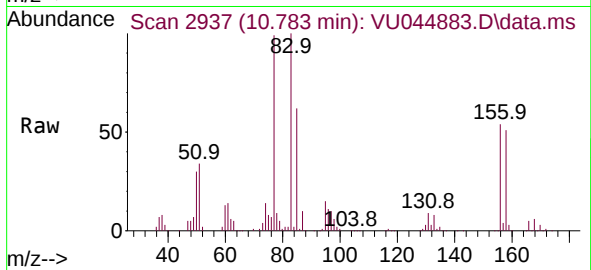




#77  
Bromobenzene  
Concen: 49.266 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

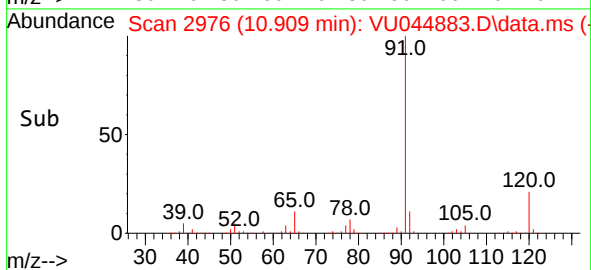
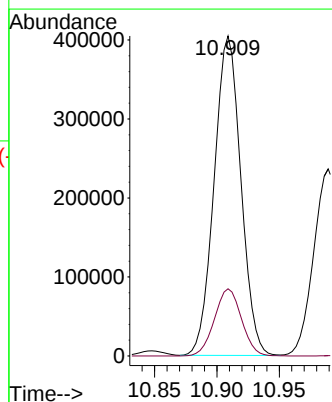
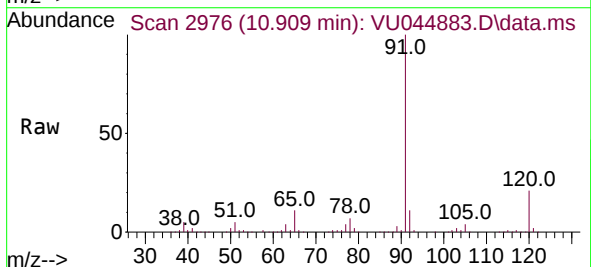
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

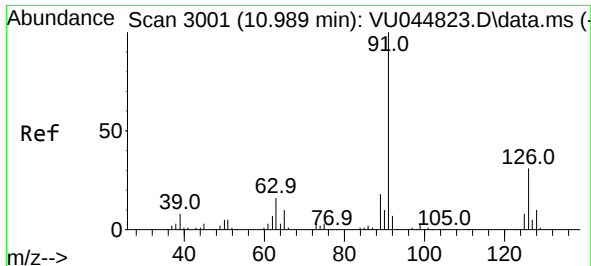
Tgt Ion:156 Resp: 116743  
Ion Ratio Lower Upper  
156 100  
77 183.7 91.1 273.4  
158 96.5 48.2 144.6



#78  
n-propylbenzene  
Concen: 50.245 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 91 Resp: 603876  
Ion Ratio Lower Upper  
91 100  
120 21.3 10.8 32.4

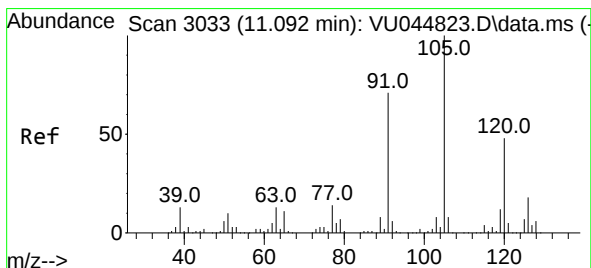
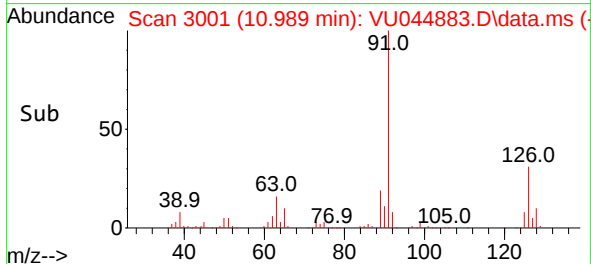
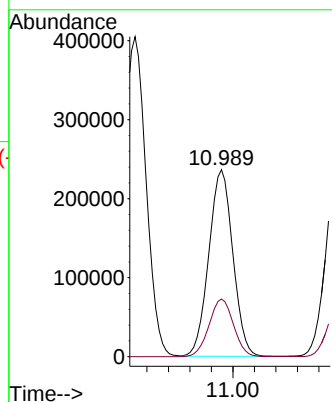
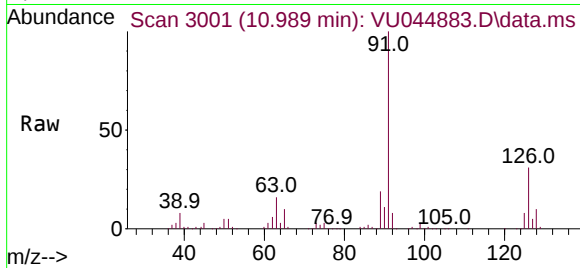




#79  
2-Chlorotoluene  
Concen: 50.059 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

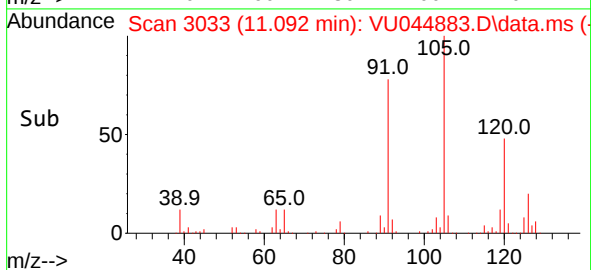
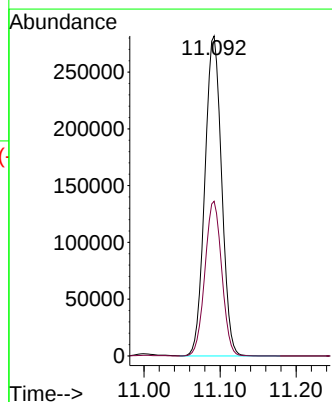
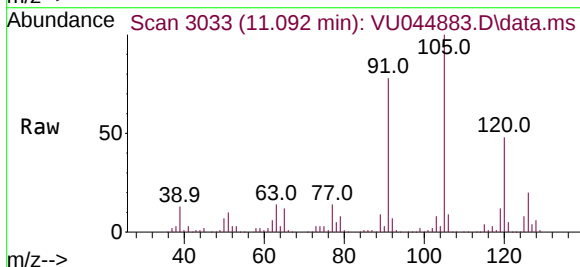
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

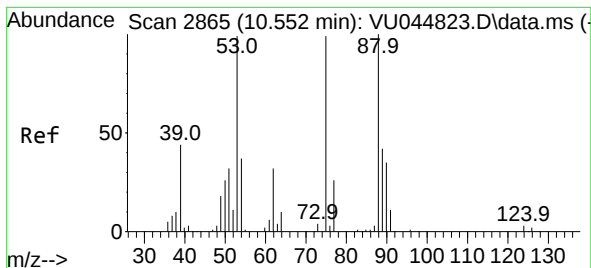
Tgt Ion: 91 Resp: 366670  
Ion Ratio Lower Upper  
91 100  
126 31.4 15.7 47.0



#80  
1,3,5-Trimethylbenzene  
Concen: 51.323 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 105 Resp: 431195  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.1 72.2

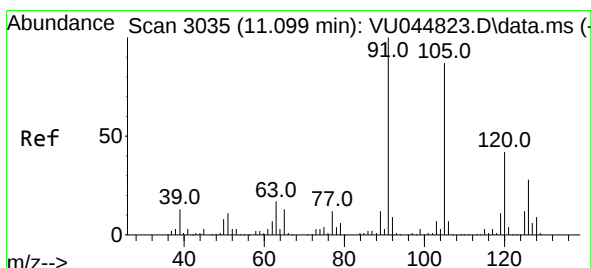
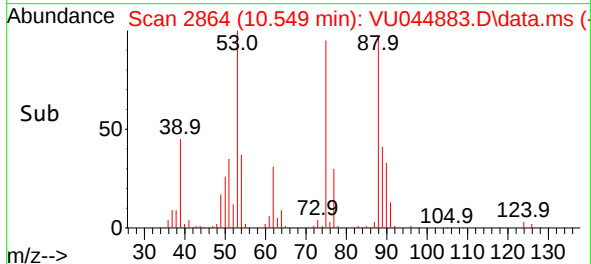
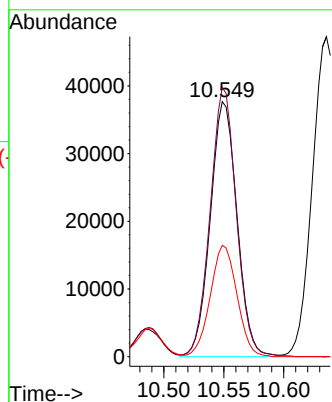
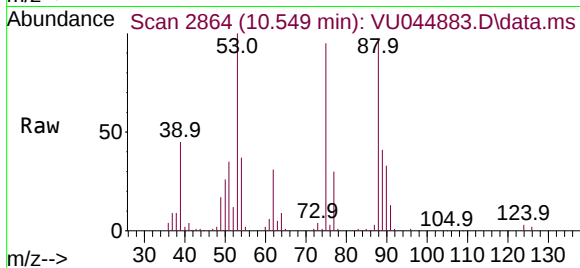




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.727 ug/l  
RT: 10.549 min Scan# 2864  
Delta R.T. -0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

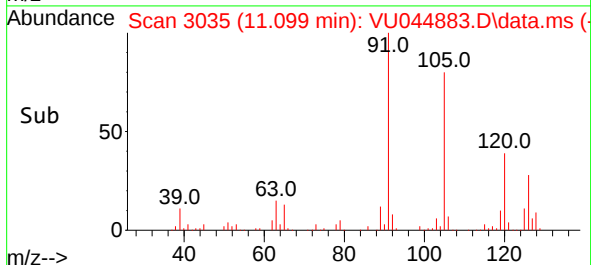
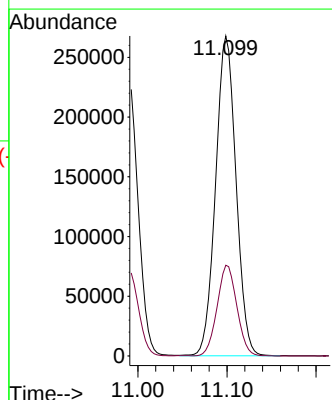
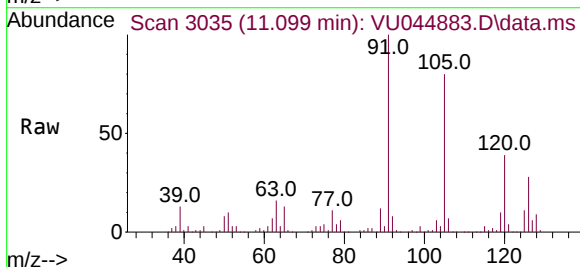
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

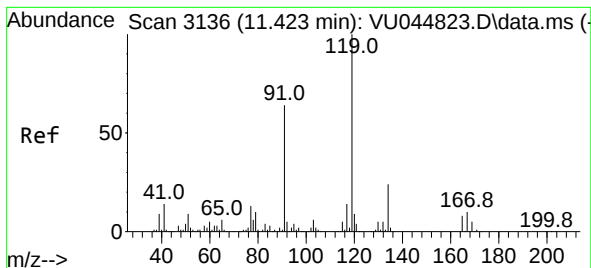
Tgt Ion: 75 Resp: 58428  
Ion Ratio Lower Upper  
75 100  
53 103.1 82.0 123.0  
89 43.6 34.2 51.4



#82  
4-Chlorotoluene  
Concen: 51.052 ug/l  
RT: 11.099 min Scan# 3035  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 91 Resp: 425728  
Ion Ratio Lower Upper  
91 100  
126 27.5 13.8 41.4

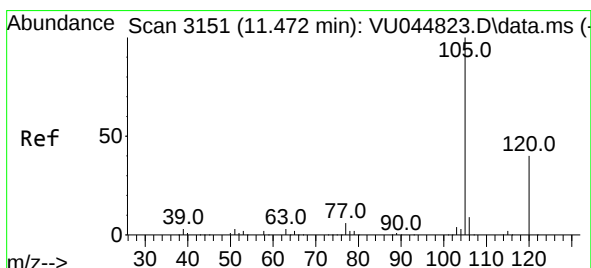
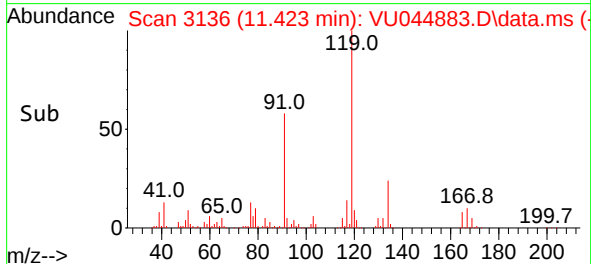
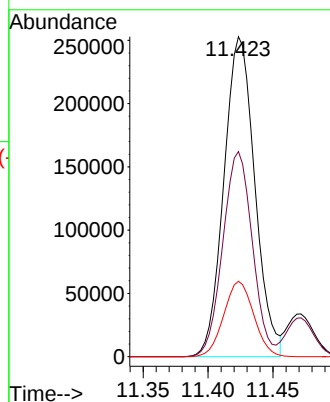
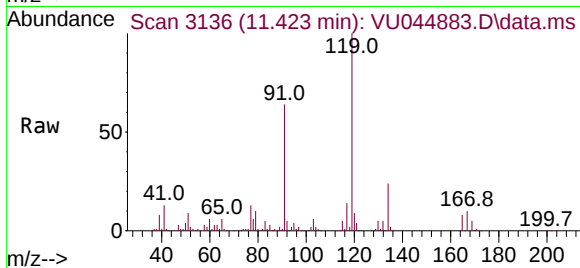




#83  
tert-Butylbenzene  
Concen: 51.719 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

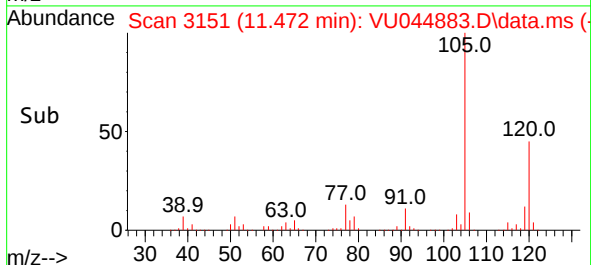
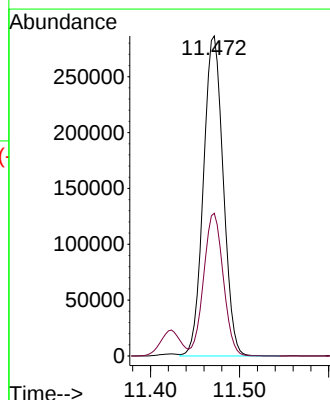
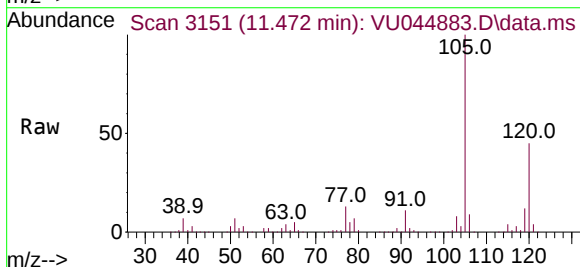
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

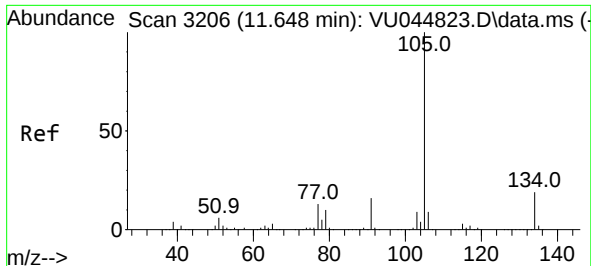
Tgt Ion:119 Resp: 419178  
Ion Ratio Lower Upper  
119 100  
91 61.3 30.4 91.2  
134 22.8 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 53.338 ug/l  
RT: 11.472 min Scan# 3151  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion:105 Resp: 441793  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.4 67.3

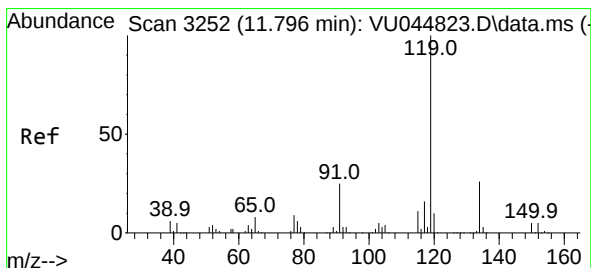
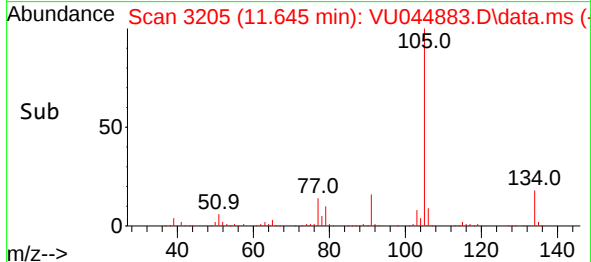
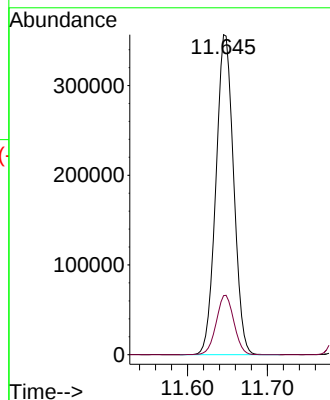
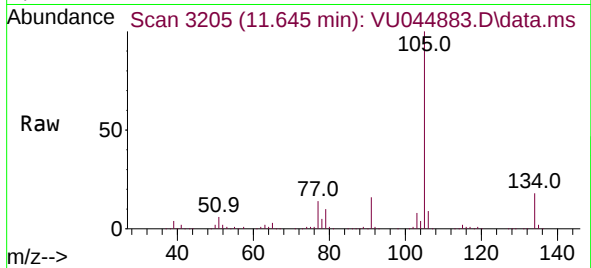




#85  
 sec-Butylbenzene  
 Concen: 52.073 ug/l  
 RT: 11.645 min Scan# 3205  
 Delta R.T. -0.003 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

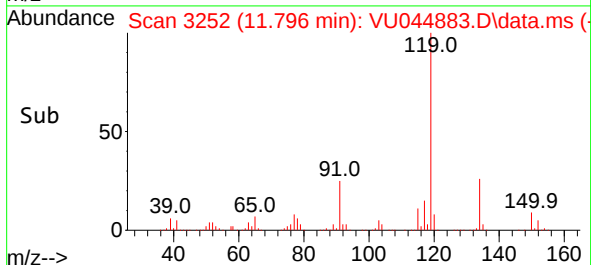
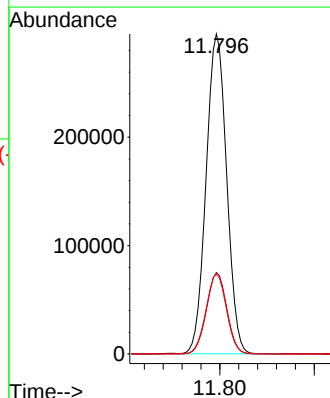
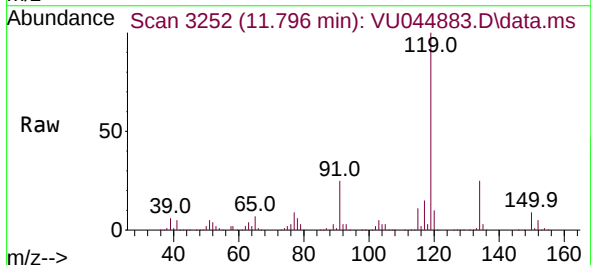
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 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

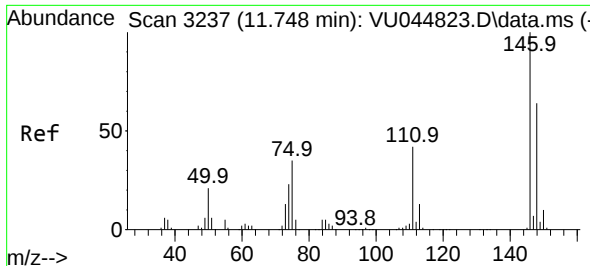
Tgt Ion:105 Resp: 545759  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.3 28.0



#86  
 p-Isopropyltoluene  
 Concen: 52.174 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. 0.000 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

Tgt Ion:119 Resp: 444838  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.8 38.3  
 91 25.0 12.2 36.6

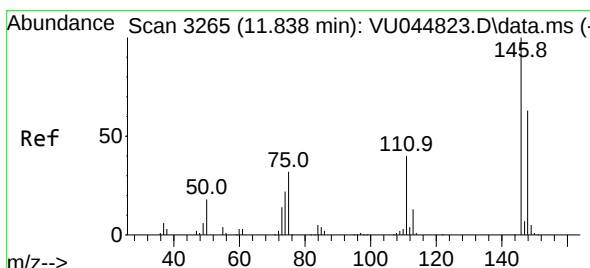
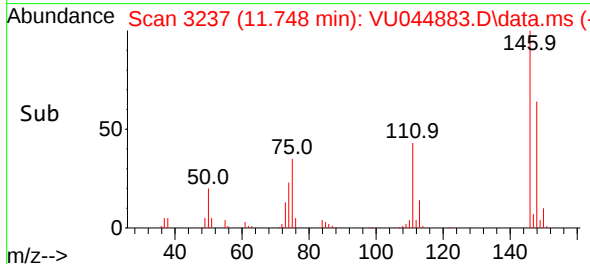
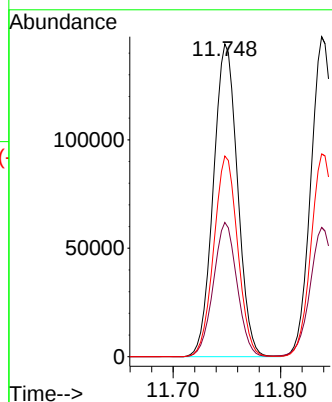
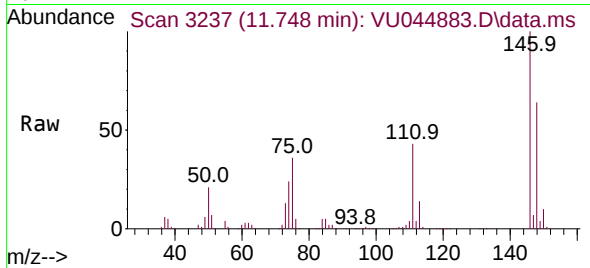




#87  
 1,3-Dichlorobenzene  
 Concen: 48.992 ug/l  
 RT: 11.748 min Scan# 3237  
 Delta R.T. 0.000 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

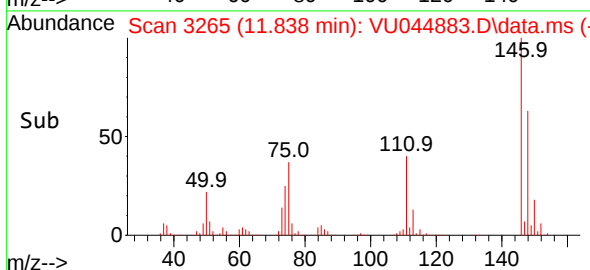
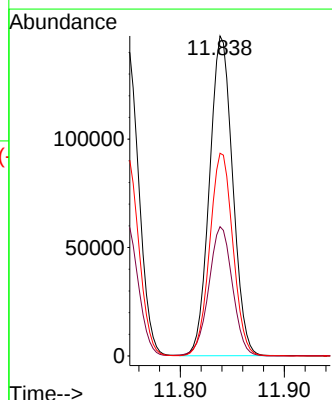
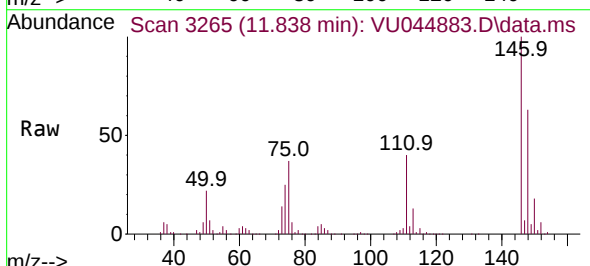
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

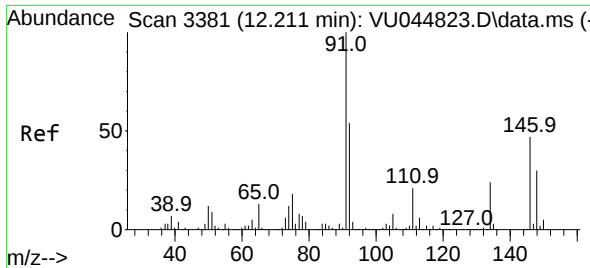
Tgt Ion:146 Resp: 225294  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.2 63.6  
 148 63.4 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 48.004 ug/l  
 RT: 11.838 min Scan# 3265  
 Delta R.T. 0.000 min  
 Lab File: VU044883.D  
 Acq: 26 Sep 2021 10:09

Tgt Ion:146 Resp: 228288  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 20.3 61.0  
 148 63.8 31.8 95.3

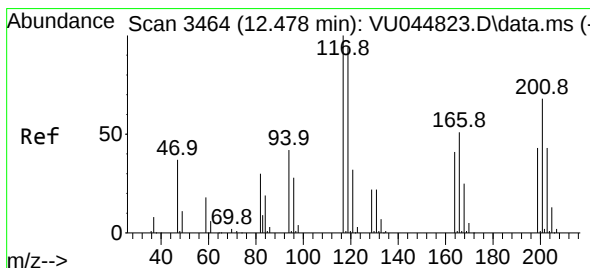
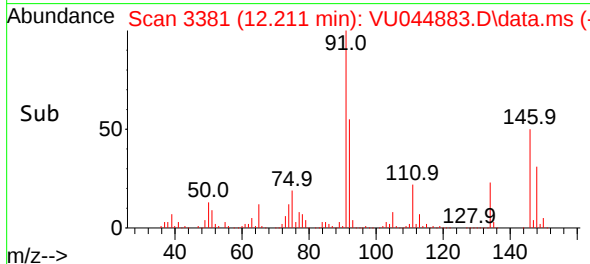
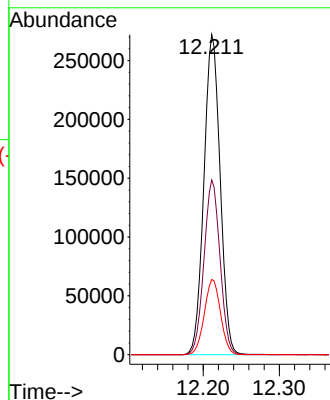
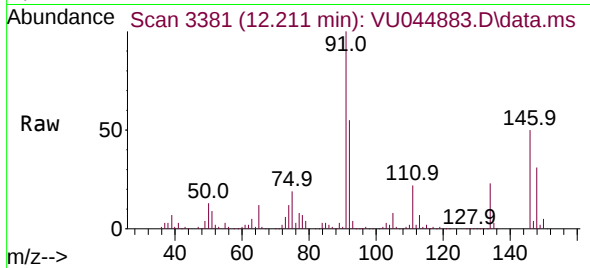




#89  
n-Butylbenzene  
Concen: 45.986 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

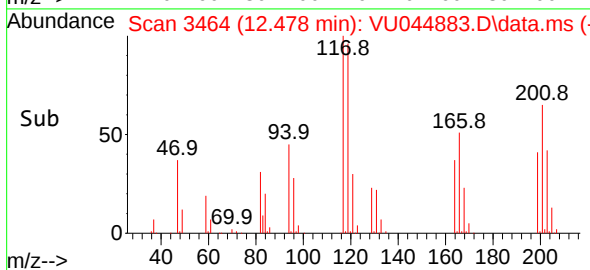
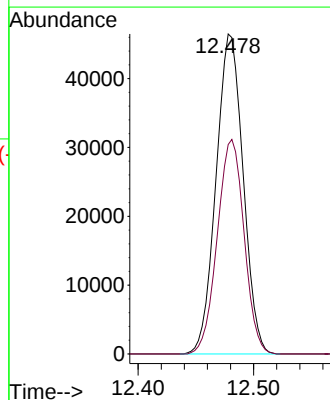
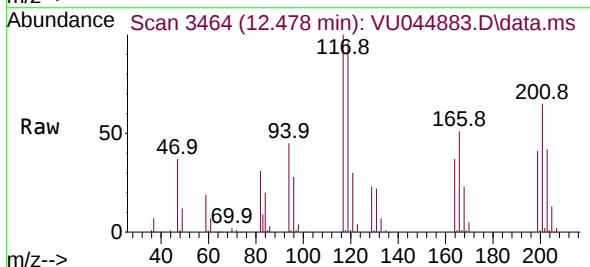
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

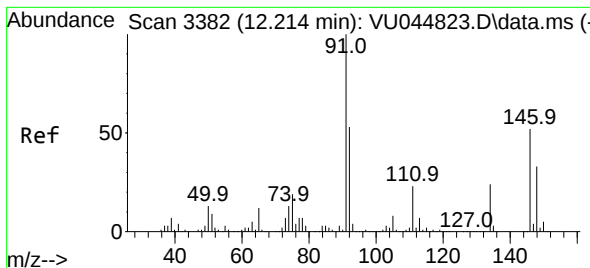
Tgt Ion: 91 Resp: 402946  
Ion Ratio Lower Upper  
91 100  
92 54.0 26.8 80.4  
134 23.5 11.8 35.4



#90  
Hexachloroethane  
Concen: 49.218 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. -0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 117 Resp: 75617  
Ion Ratio Lower Upper  
117 100  
201 66.4 34.8 104.3

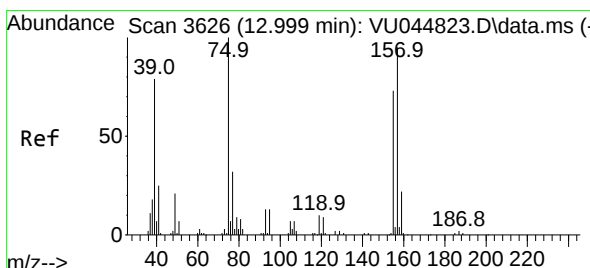
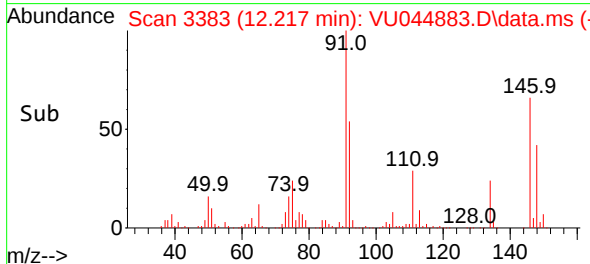
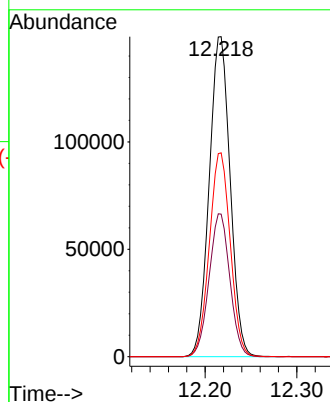
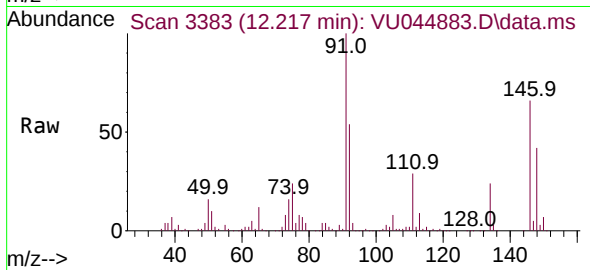




#91  
1,2-Dichlorobenzene  
Concen: 48.343 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. 0.003 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

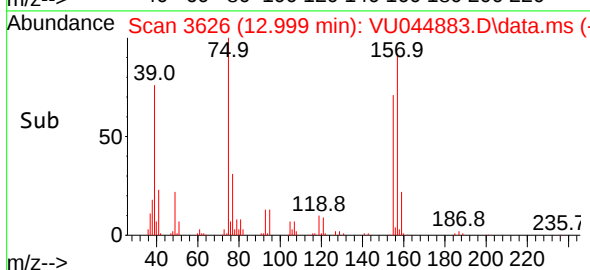
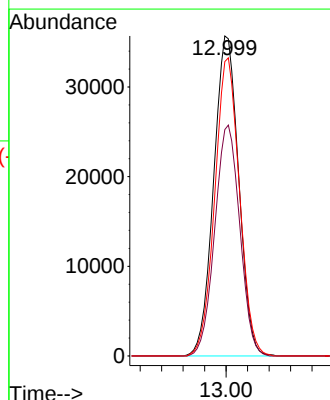
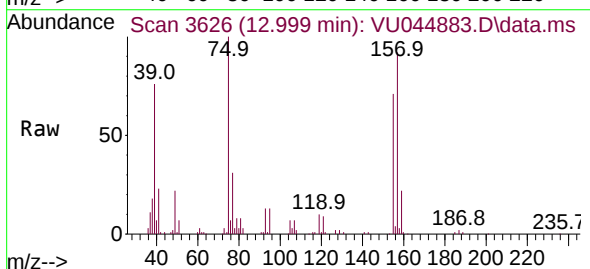
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

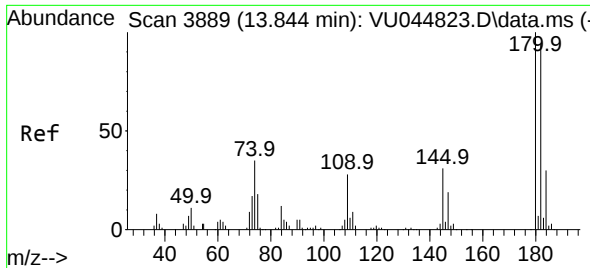
Tgt Ion:146 Resp: 235589  
Ion Ratio Lower Upper  
146 100  
111 44.3 21.4 64.3  
148 63.8 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.500 ug/l  
RT: 12.999 min Scan# 3626  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion: 75 Resp: 57525  
Ion Ratio Lower Upper  
75 100  
155 72.2 36.9 110.6  
157 92.2 47.8 143.3

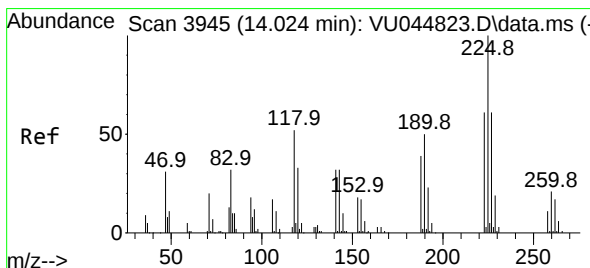
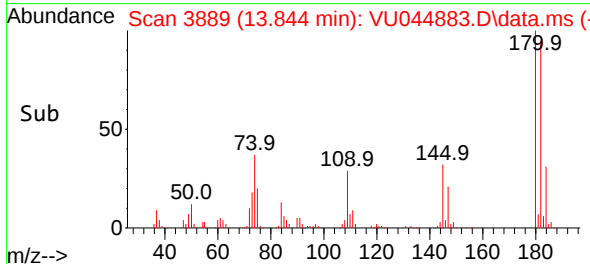
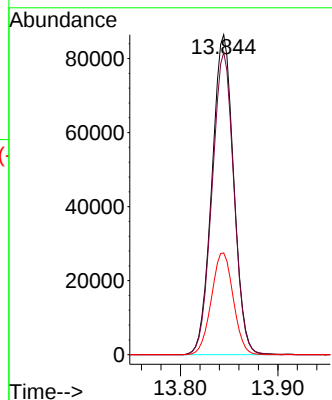
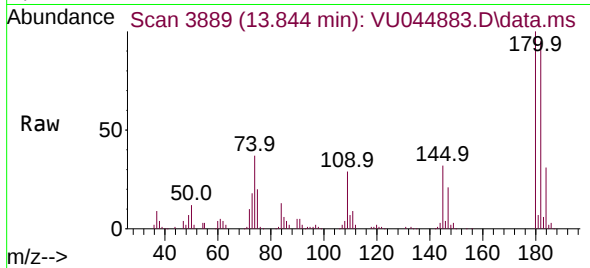




#93  
1,2,4-Trichlorobenzene  
Concen: 49.814 ug/l  
RT: 13.844 min Scan# 3889  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

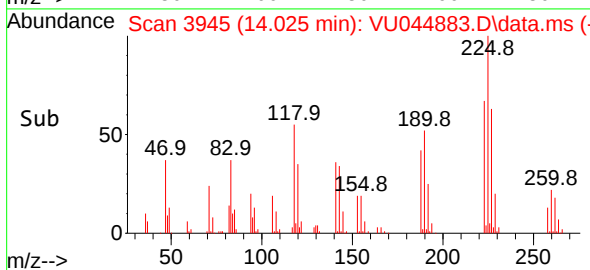
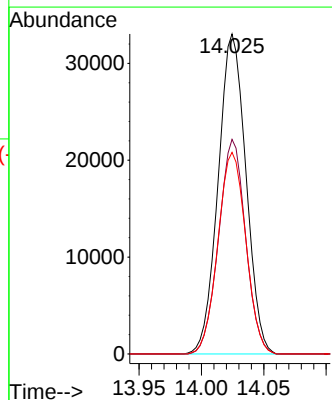
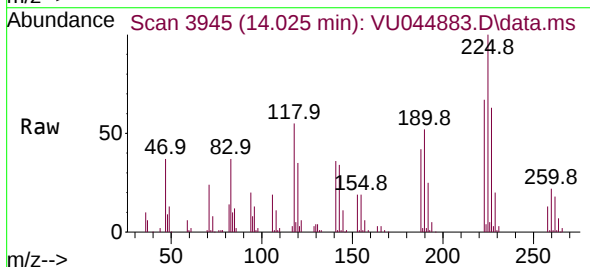
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

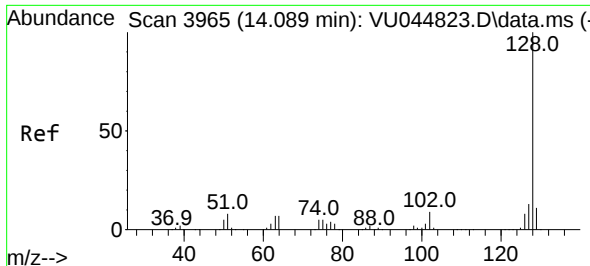
Tgt Ion:180 Resp: 134139  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.4 142.3  
145 32.0 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 42.784 ug/l  
RT: 14.025 min Scan# 3945  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

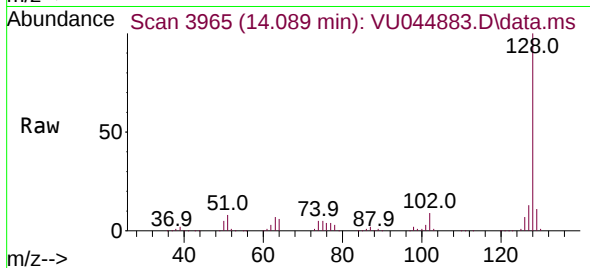
Tgt Ion:225 Resp: 51253  
Ion Ratio Lower Upper  
225 100  
223 65.0 31.1 93.3  
227 63.4 31.4 94.3



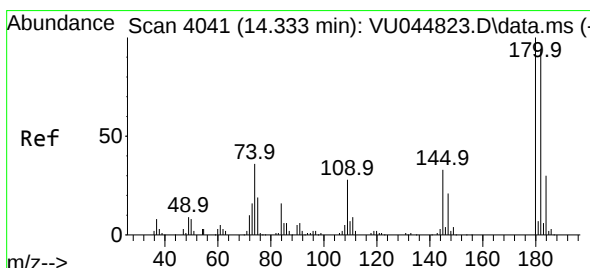
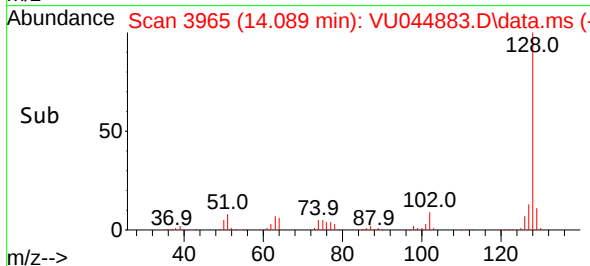
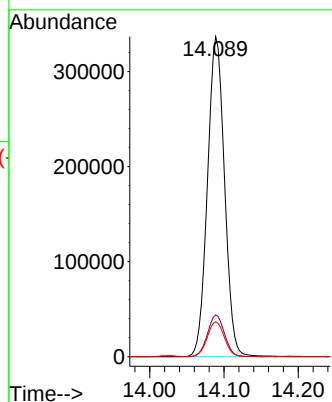


#95  
Naphthalene  
Concen: 49.988 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:128 Resp: 535804  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 50.436 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VU044883.D  
Acq: 26 Sep 2021 10:09

Tgt Ion:180 Resp: 138105  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.1 141.4  
145 33.4 16.4 49.2

