

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041621\  
 Data File : VU043183.D  
 Acq On : 16 Apr 2021 20:51  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 17 02:36:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 113100   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 179173   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 175467   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 94811    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 96075    | 50.53  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 101.06% |          |
| 35) Dibromofluoromethane     | 5.298  | 113  | 66114    | 49.11  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 98.22%  |          |
| 50) Toluene-d8               | 7.906  | 98   | 235986   | 49.53  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 99.06%  |          |
| 62) 4-Bromofluorobenzene     | 10.639 | 95   | 90538    | 47.46  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 94.92%  |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 55942    | 47.94  | ug/l    | 97       |
| 3) Chloromethane             | 1.520  | 50   | 61633    | 49.55  | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.607  | 62   | 62858    | 49.40  | ug/l    | 98       |
| 5) Bromomethane              | 1.854  | 94   | 25148    | 36.27  | ug/l    | 99       |
| 6) Chloroethane              | 1.928  | 64   | 44804    | 51.04  | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 2.137  | 101  | 108103   | 50.00  | ug/l    | 98       |
| 8) Diethyl Ether             | 2.382  | 74   | 36580    | 52.83  | ug/l    | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.584  | 101  | 57010    | 51.24  | ug/l    | 97       |
| 10) Methyl Iodide            | 2.726  | 142  | 45620    | 31.12  | ug/l    | 97       |
| 11) Tert butyl alcohol       | 3.218  | 59   | 132167   | 269.71 | ug/l #  | 91       |
| 12) 1,1-Dichloroethene       | 2.581  | 96   | 54304    | 51.29  | ug/l    | 98       |
| 13) Acrolein                 | 2.491  | 56   | 59577    | 197.33 | ug/l    | 98       |
| 14) Allyl chloride           | 2.928  | 41   | 147912   | 57.57  | ug/l #  | 93       |
| 15) Acrylonitrile            | 3.324  | 53   | 278511   | 264.23 | ug/l    | 100      |
| 16) Acetone                  | 2.639  | 43   | 284246   | 254.04 | ug/l    | 100      |
| 17) Carbon Disulfide         | 2.796  | 76   | 152183   | 46.73  | ug/l    | 98       |
| 18) Methyl Acetate           | 2.954  | 43   | 139910   | 58.87  | ug/l    | 97       |
| 19) Methyl tert-butyl Ether  | 3.369  | 73   | 232238   | 55.51  | ug/l    | 98       |
| 20) Methylene Chloride       | 3.051  | 84   | 67850    | 50.25  | ug/l    | 97       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 62996    | 50.93  | ug/l    | 97       |
| 22) Diisopropyl ether        | 3.999  | 45   | 267826   | 54.49  | ug/l    | 96       |
| 23) Vinyl Acetate            | 3.964  | 43   | 1300170  | 273.35 | ug/l    | 99       |
| 24) 1,1-Dichloroethane       | 3.877  | 63   | 131973   | 53.10  | ug/l    | 99       |
| 25) 2-Butanone               | 4.713  | 43   | 456893   | 264.53 | ug/l    | 99       |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 95649    | 43.88  | ug/l    | 99       |
| 27) cis-1,2-Dichloroethene   | 4.674  | 96   | 75205    | 53.44  | ug/l    | 99       |
| 28) Bromochloromethane       | 4.983  | 49   | 67036    | 52.89  | ug/l    | 94       |
| 29) Tetrahydrofuran          | 5.060  | 42   | 291378   | 267.92 | ug/l    | 97       |
| 30) Chloroform               | 5.095  | 83   | 140632   | 53.43  | ug/l    | 95       |
| 31) Cyclohexane              | 5.394  | 56   | 115351   | 49.18  | ug/l    | 98       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 121480   | 52.21  | ug/l    | 99       |
| 36) 1,1-Dichloropropene      | 5.536  | 75   | 94967    | 49.96  | ug/l    | 100      |
| 37) Ethyl Acetate            | 4.809  | 43   | 170554   | 52.47  | ug/l    | 98       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 102359   | 50.23  | ug/l    | 98       |
| 39) Methylcyclohexane        | 6.771  | 83   | 98040    | 46.91  | ug/l    | 96       |
| 40) Benzene                  | 5.780  | 78   | 281537   | 51.83  | ug/l    | 100      |

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 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 17 02:36:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.980  | 41   | 89595    | 52.43   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.803  | 62   | 127436   | 52.90   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.919  | 43   | 245256   | 52.91   | ug/l   | 98       |
| 44) Trichloroethene           | 6.549  | 130  | 74348    | 53.97   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 6.800  | 63   | 80099    | 52.93   | ug/l   | 96       |
| 46) Dibromomethane            | 6.925  | 93   | 56058    | 52.38   | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.115  | 83   | 111179   | 52.63   | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.967  | 41   | 123873   | 53.23   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.999  | 88   | 51667    | 1108.14 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 883678   | 257.68  | ug/l   | 98       |
| 52) Toluene                   | 7.976  | 92   | 179596   | 53.34   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.217  | 75   | 116337   | 49.59   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 123012   | 51.64   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 8.407  | 97   | 75993    | 52.61   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 123944   | 52.39   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 131647   | 52.76   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 195792   | 200.58  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.693  | 43   | 717690   | 254.15  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.816  | 129  | 85917    | 51.43   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.931  | 107  | 85024    | 52.19   | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.558  | 164  | 67730    | 53.20   | ug/l   | 98       |
| 65) Chlorobenzene             | 9.455  | 112  | 187856   | 49.92   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 74361    | 51.69   | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.578  | 91   | 348306   | 51.29   | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.700  | 106  | 256200   | 101.97  | ug/l   | 98       |
| 69) o-Xylene                  | 10.108 | 106  | 125537   | 51.19   | ug/l   | 97       |
| 70) Styrene                   | 10.121 | 104  | 213830   | 51.78   | ug/l   | 99       |
| 71) Bromoform                 | 10.298 | 173  | 69684    | 47.01   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.491 | 105  | 345932   | 54.36   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.327 | 43   | 213425   | 52.20   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 141689   | 51.14   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.832 | 75   | 155388   | 56.09   | ug/l   | 84       |
| 77) Bromobenzene              | 10.790 | 156  | 90747    | 51.19   | ug/l   | 97       |
| 78) n-propylbenzene           | 10.912 | 91   | 403301   | 52.93   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 243918   | 52.68   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 297303   | 52.93   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.552 | 75   | 35551    | 37.71   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 289168   | 51.99   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.426 | 119  | 288304   | 52.21   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 301565   | 52.25   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.651 | 105  | 331583   | 51.23   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.799 | 119  | 305190   | 51.23   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 158931   | 49.46   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.844 | 146  | 159885   | 47.70   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.214 | 91   | 268441   | 48.11   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.481 | 117  | 45298    | 40.56   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 164448   | 50.08   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 38045    | 48.50   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 104113   | 48.02   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 49001    | 45.05   | ug/l   | 99       |
| 95) Naphthalene               | 14.095 | 128  | 351409   | 51.17   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.339 | 180  | 105153   | 49.96   | ug/l   | 99       |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 28 Sample Multiplier: 1

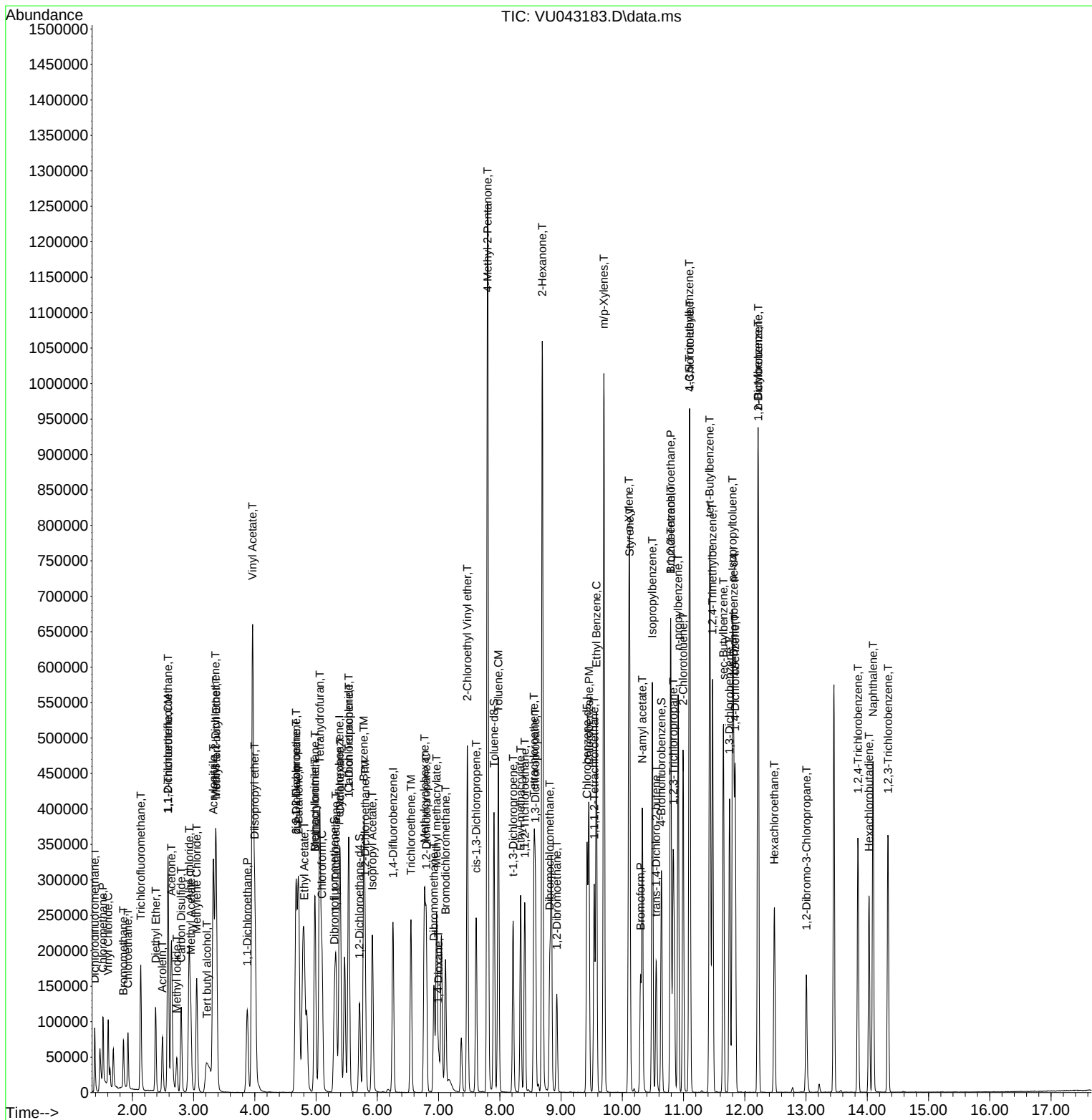
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

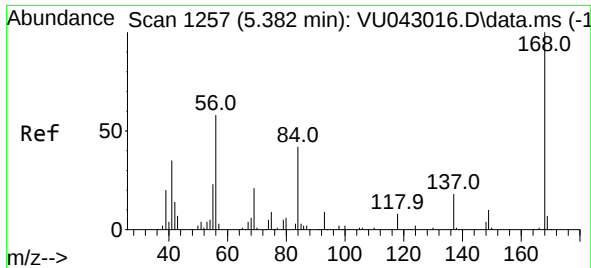
Quant Time: Apr 17 02:36:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 12 13:17:29 2021  
Response via : Initial Calibration

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

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

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

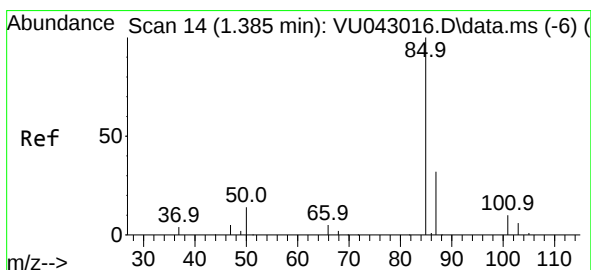
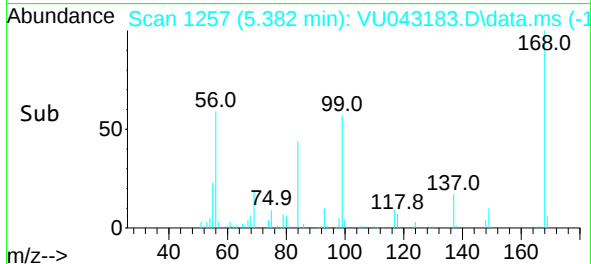
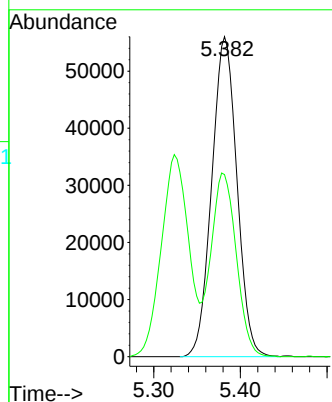
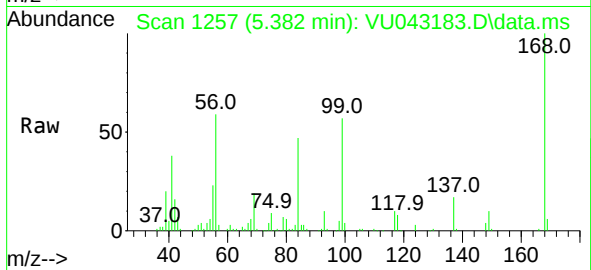




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

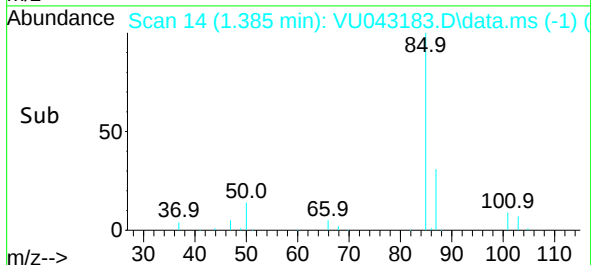
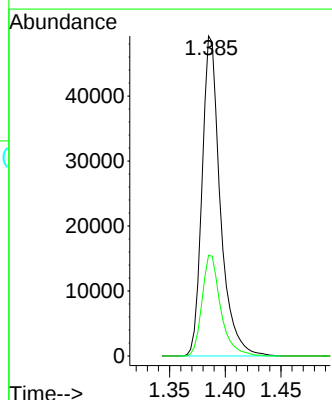
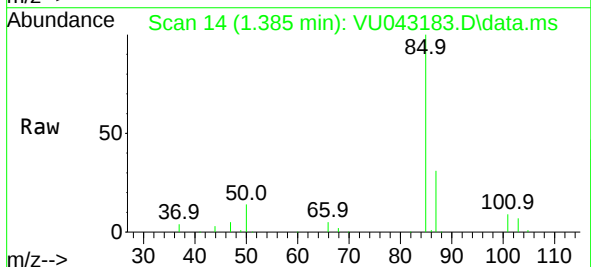
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

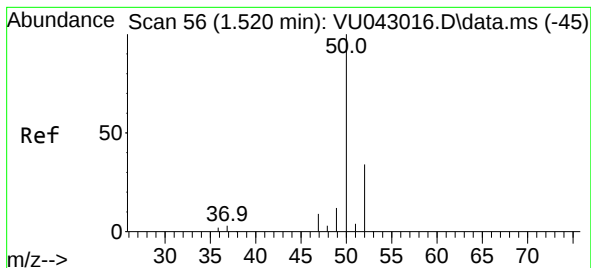
Tgt Ion:168 Resp: 113100  
Ion Ratio Lower Upper  
168 100  
99 56.9 45.0 67.4



#2  
Dichlorodifluoromethane  
Concen: 47.94 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 85 Resp: 55942  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.5 49.5





#3

Chloromethane

Concen: 49.55 ug/l

RT: 1.520 min Scan# 56

Delta R.T. 0.000 min

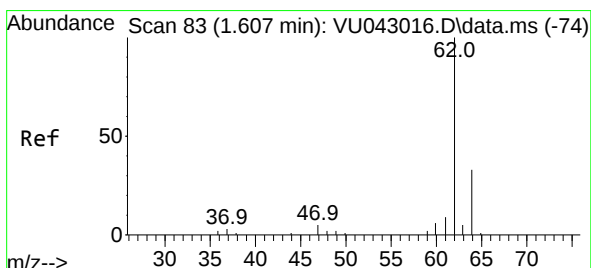
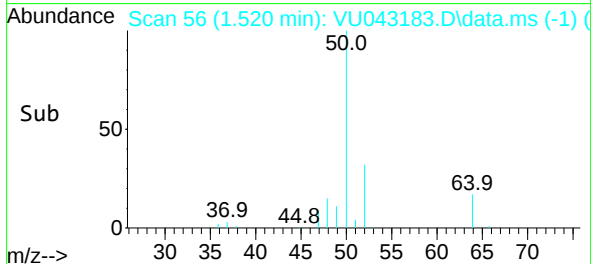
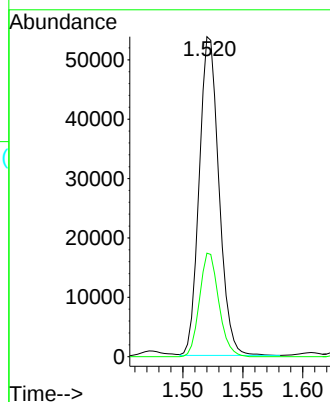
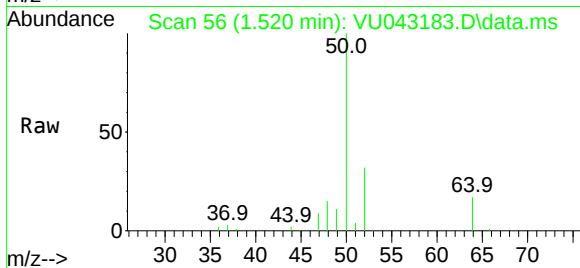
Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

Tgt Ion: 50 Resp: 61633

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 50  | 100   |       |       |
| 52  | 32.5  | 26.6  | 40.0  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



#4

Vinyl Chloride

Concen: 49.40 ug/l

RT: 1.607 min Scan# 83

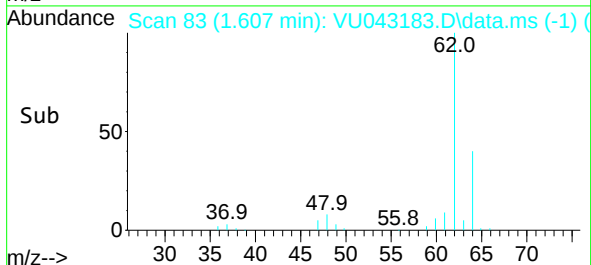
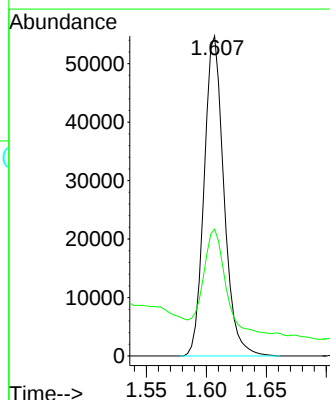
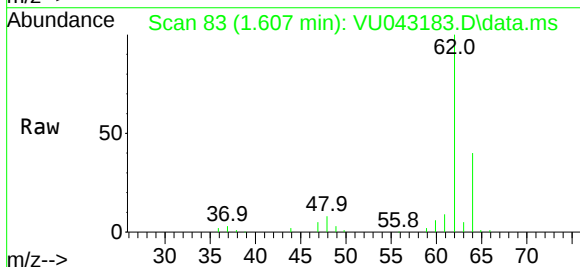
Delta R.T. -0.000 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

Tgt Ion: 62 Resp: 62858

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 64  | 32.7  | 25.2  | 37.8  |

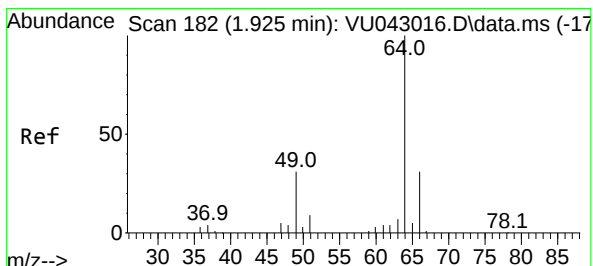
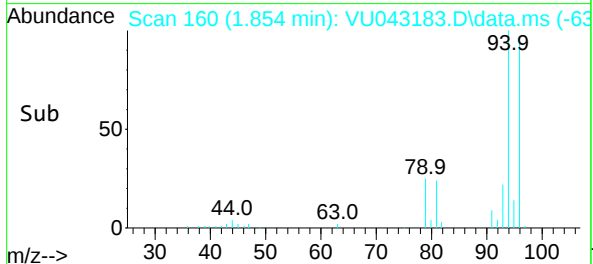
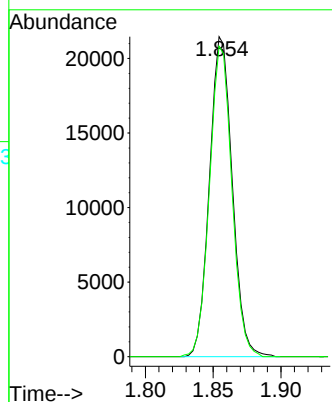
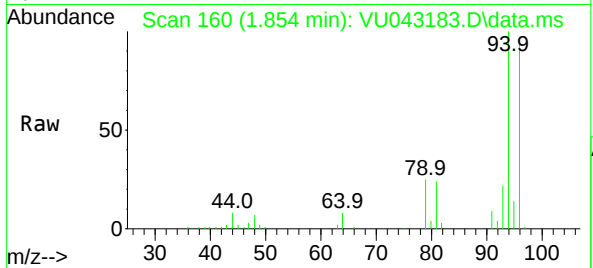




#5  
Bromomethane  
Concen: 36.27 ug/l  
RT: 1.854 min Scan# 160  
Delta R.T. 0.012 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

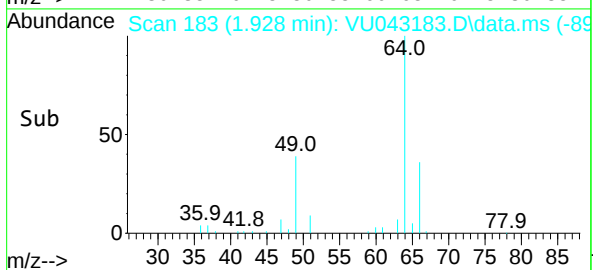
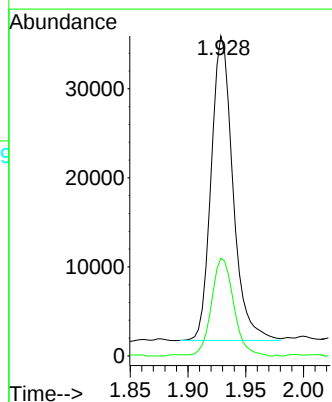
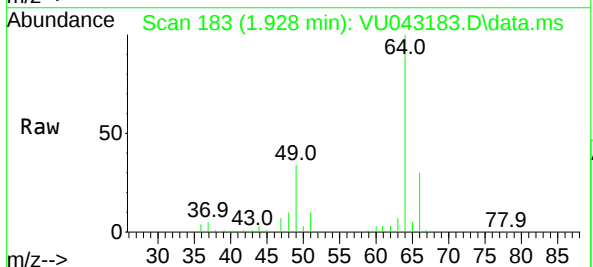
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

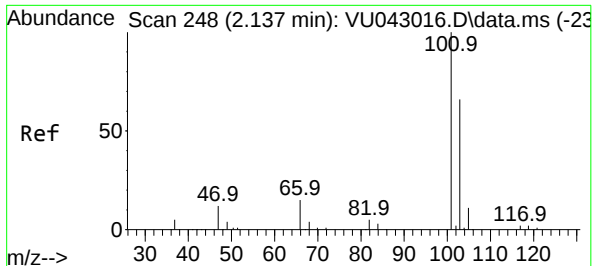
Tgt Ion: 94 Resp: 25148  
Ion Ratio Lower Upper  
94 100  
96 97.0 76.6 115.0



#6  
Chloroethane  
Concen: 51.04 ug/l  
RT: 1.928 min Scan# 183  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 64 Resp: 44804  
Ion Ratio Lower Upper  
64 100  
66 32.0 26.4 39.6

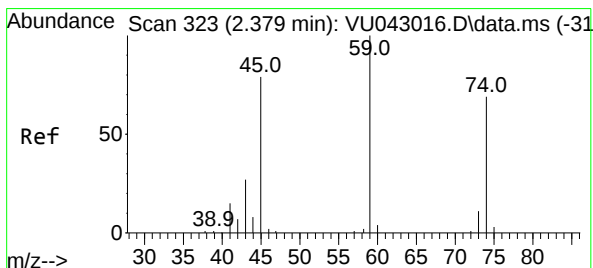
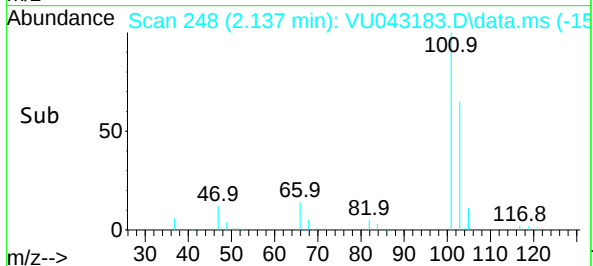
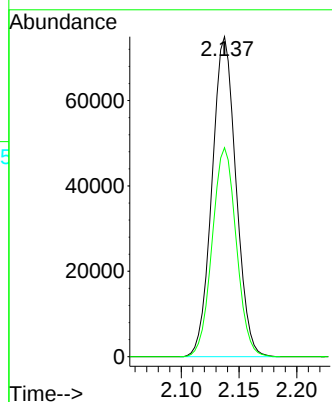
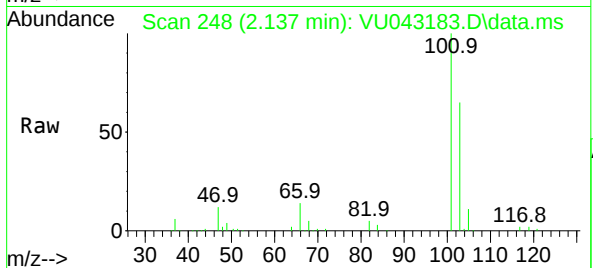




#7  
Trichlorofluoromethane  
Concen: 50.00 ug/l  
RT: 2.137 min Scan# 248  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

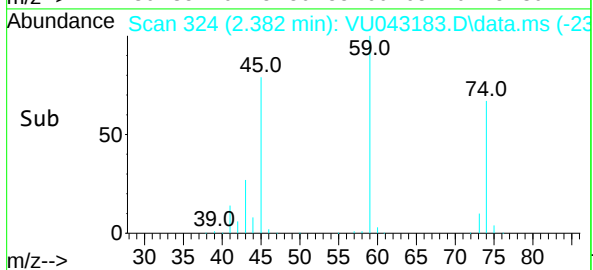
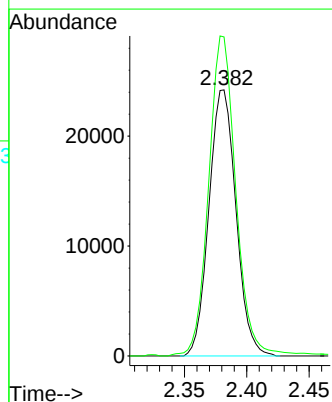
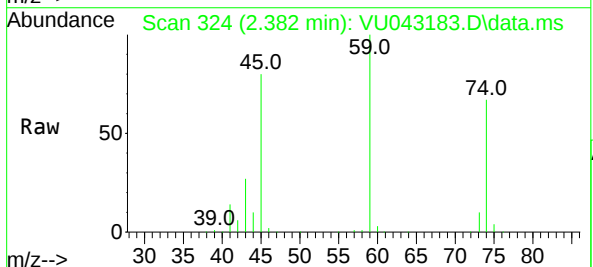
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

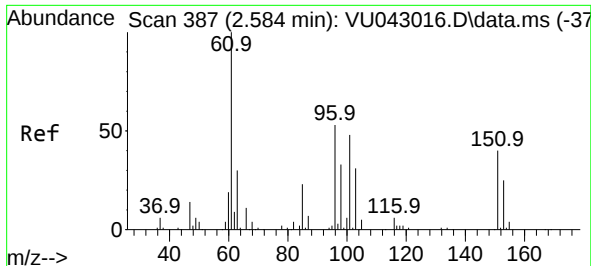
Tgt Ion:101 Resp: 108103  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.3 76.9



#8  
Diethyl Ether  
Concen: 52.83 ug/l  
RT: 2.382 min Scan# 324  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 74 Resp: 36580  
Ion Ratio Lower Upper  
74 100  
45 121.5 56.9 170.6

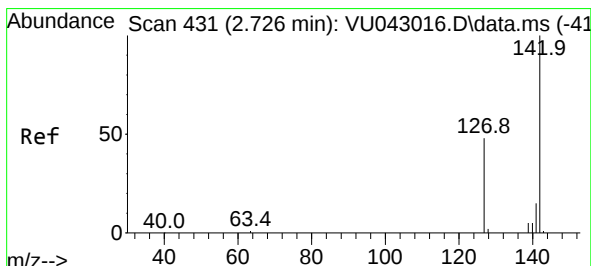
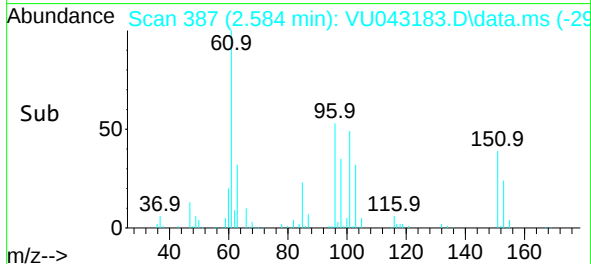
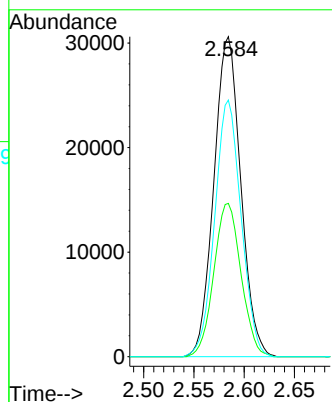
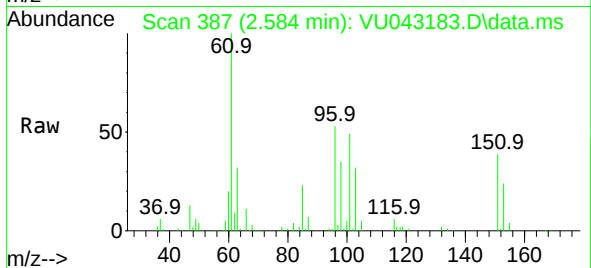




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.24 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

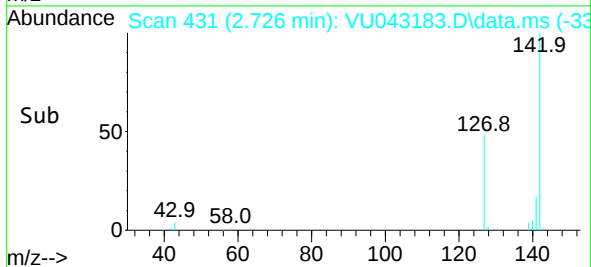
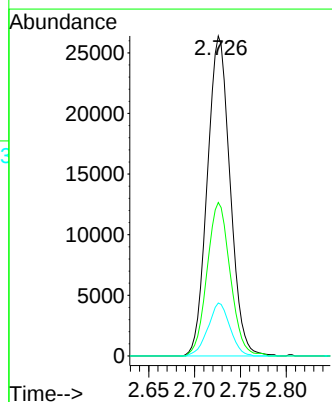
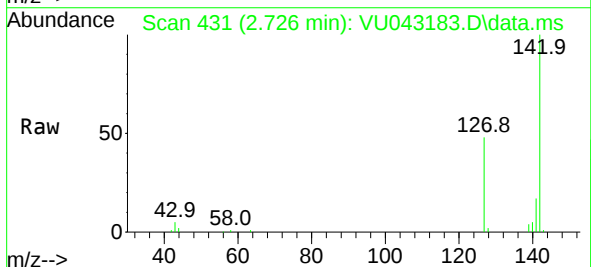
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

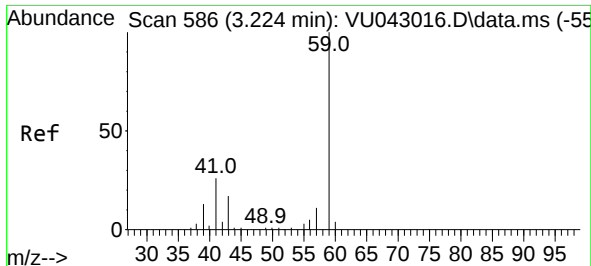
Tgt Ion:101 Resp: 57010  
Ion Ratio Lower Upper  
101 100  
85 48.3 37.4 56.0  
151 78.8 65.8 98.8



#10  
Methyl Iodide  
Concen: 31.12 ug/l  
RT: 2.726 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

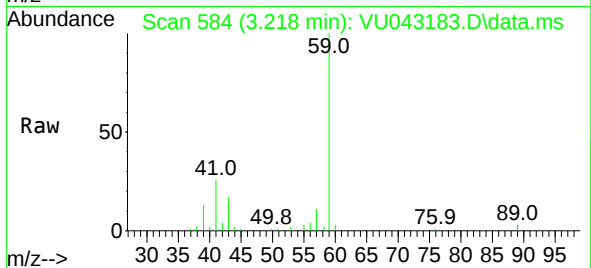
Tgt Ion:142 Resp: 45620  
Ion Ratio Lower Upper  
142 100  
127 48.8 37.8 56.6  
141 16.0 11.8 17.6



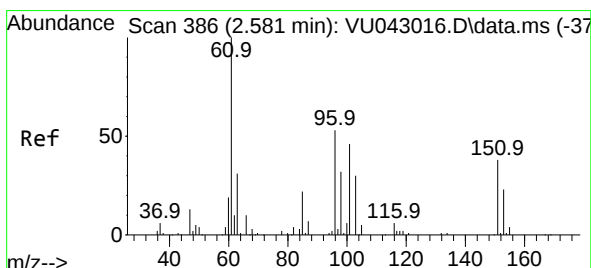
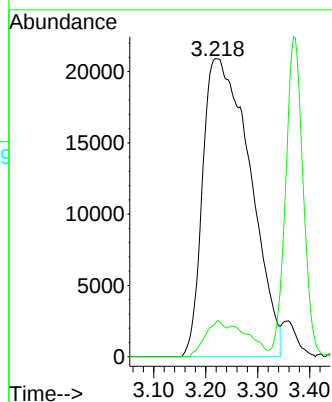
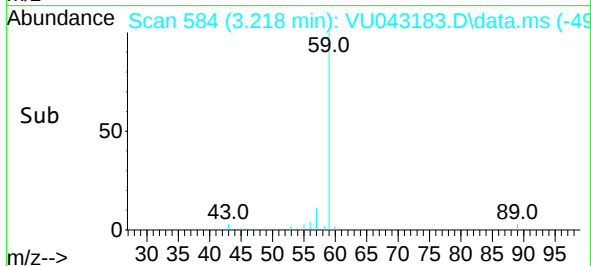


#11  
Tert butyl alcohol  
Concen: 269.71 ug/l  
RT: 3.218 min Scan# 584  
Delta R.T. -0.006 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

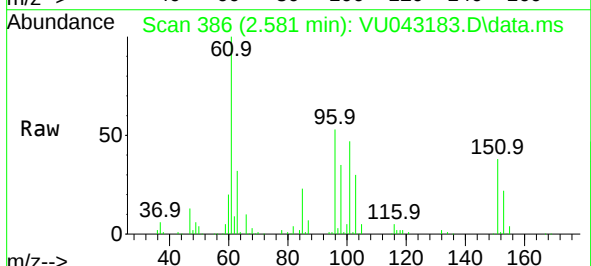
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



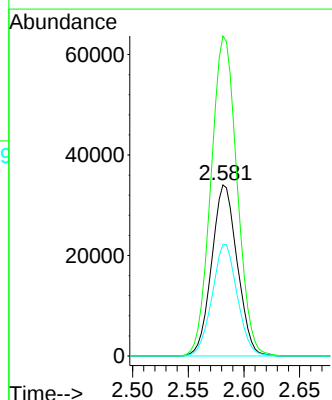
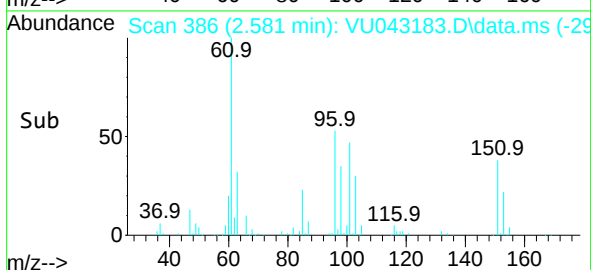
Tgt Ion: 59 Resp: 132167  
Ion Ratio Lower Upper  
59 100  
57 5.1 1.6 2.4#

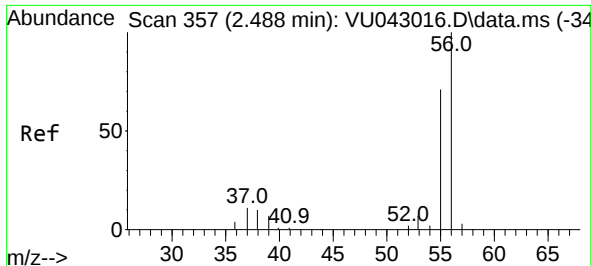


#12  
1,1-Dichloroethene  
Concen: 51.29 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51



Tgt Ion: 96 Resp: 54304  
Ion Ratio Lower Upper  
96 100  
61 187.0 147.4 221.0  
98 65.3 51.4 77.2

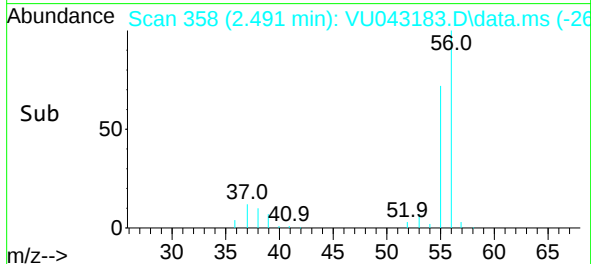
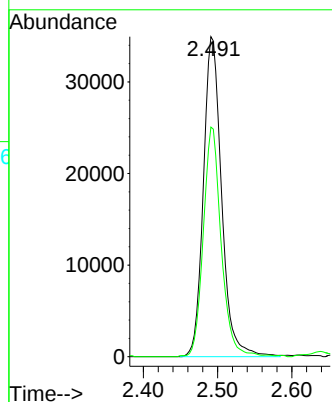
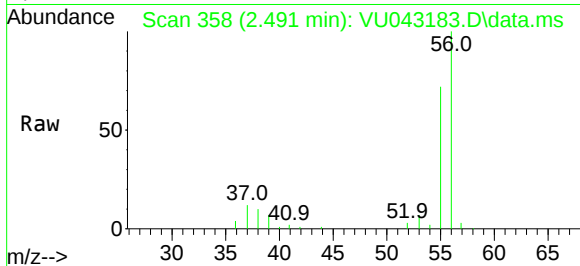




#13  
Acrolein  
Concen: 197.33 ug/l  
RT: 2.491 min Scan# 358  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

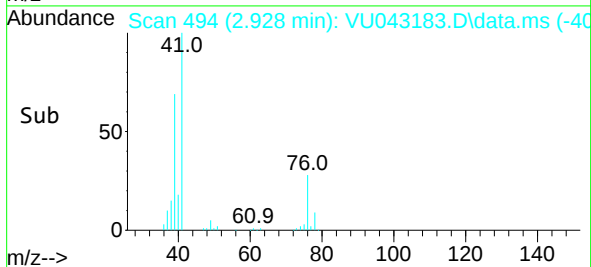
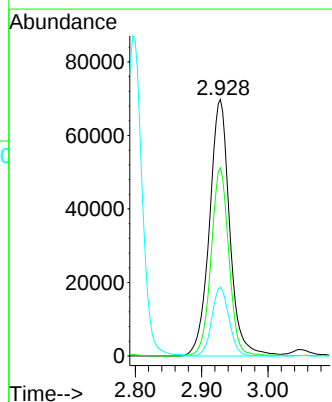
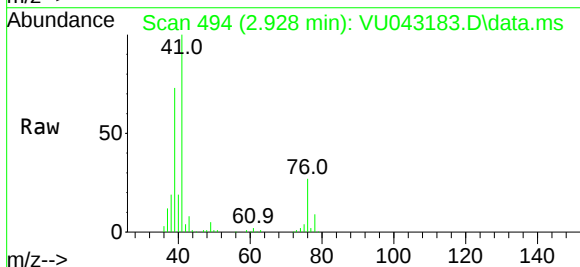
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

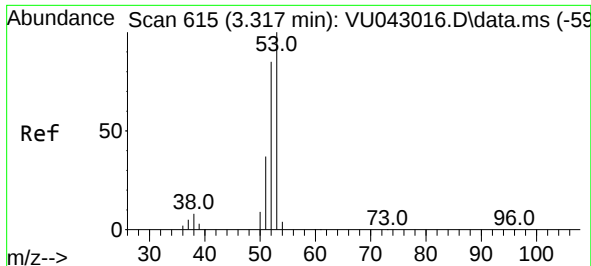
Tgt Ion: 56 Resp: 59577  
Ion Ratio Lower Upper  
56 100  
55 70.1 57.3 85.9



#14  
Allyl chloride  
Concen: 57.57 ug/l  
RT: 2.928 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 41 Resp: 147912  
Ion Ratio Lower Upper  
41 100  
39 64.5 54.9 82.3  
76 22.4 22.5 33.7#

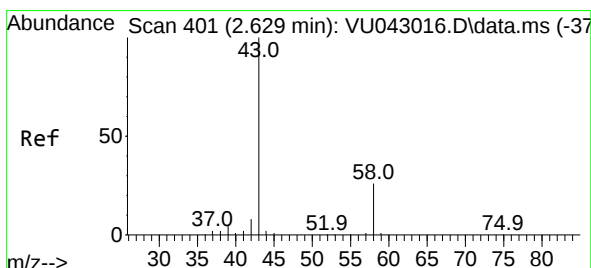
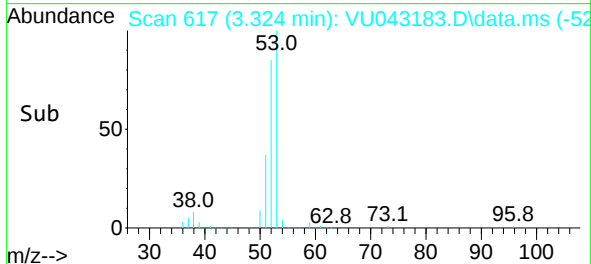
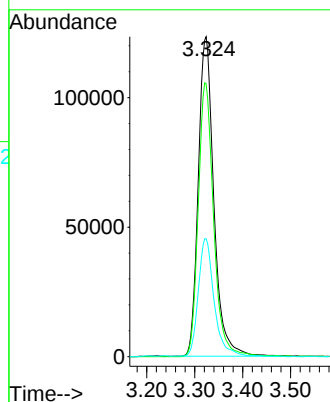
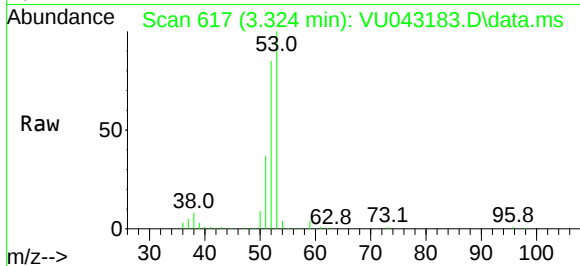




#15  
Acrylonitrile  
Concen: 264.23 ug/l  
RT: 3.324 min Scan# 617  
Delta R.T. 0.007 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

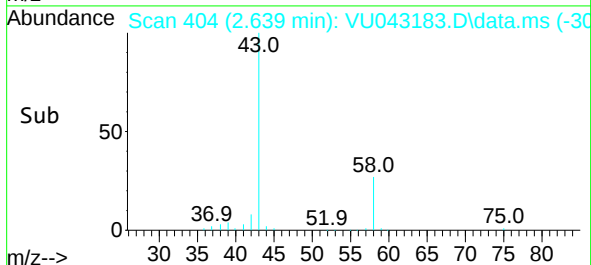
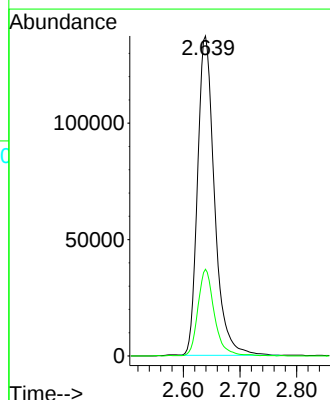
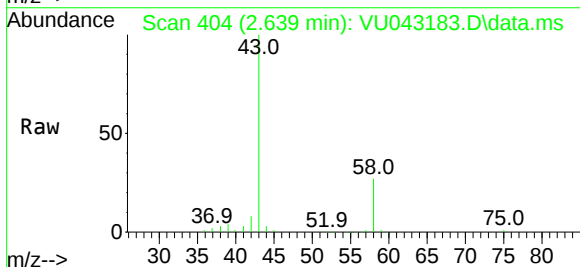
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

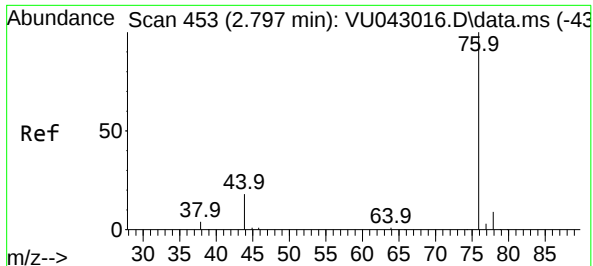
|             |              |
|-------------|--------------|
| Tgt Ion: 53 | Resp: 278511 |
| Ion Ratio   | Lower Upper  |
| 53 100      |              |
| 52 84.9     | 68.2 102.2   |
| 51 36.9     | 29.2 43.8    |



#16  
Acetone  
Concen: 254.04 ug/l  
RT: 2.639 min Scan# 404  
Delta R.T. 0.010 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 284246 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 58 27.1     | 21.5 32.3    |

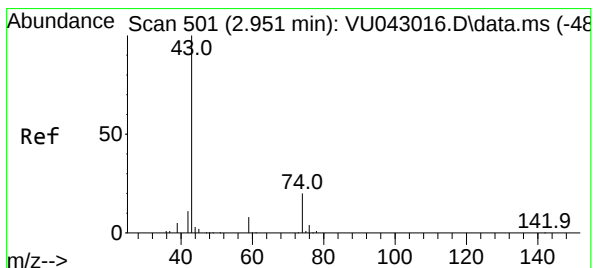
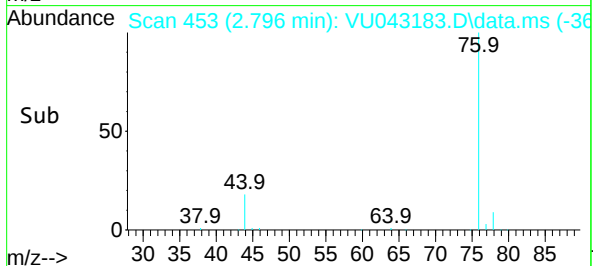
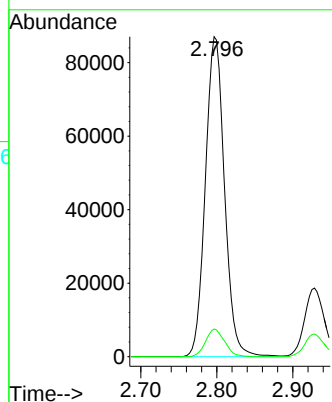
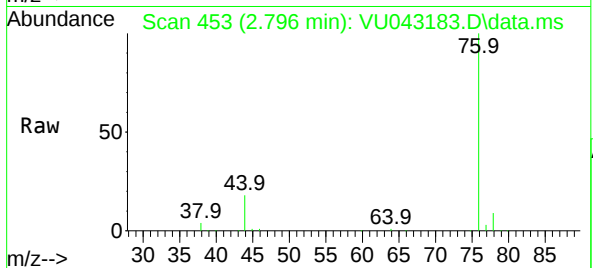




#17  
Carbon Disulfide  
Concen: 46.73 ug/l  
RT: 2.796 min Scan# 453  
Delta R.T. -0.001 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

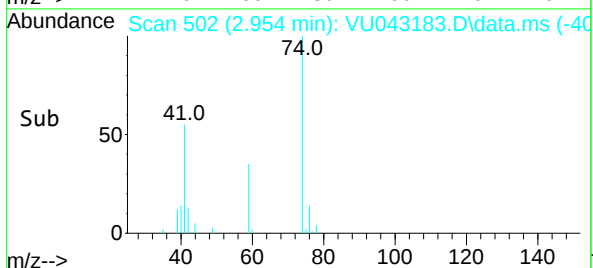
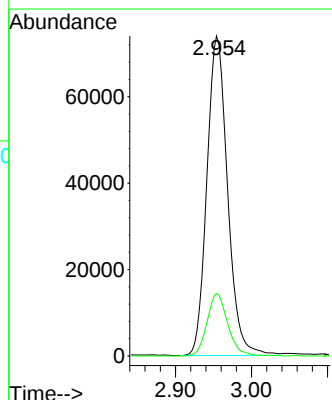
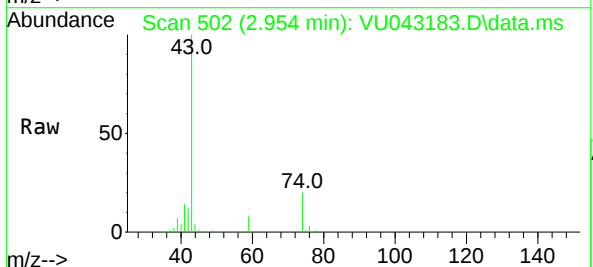
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

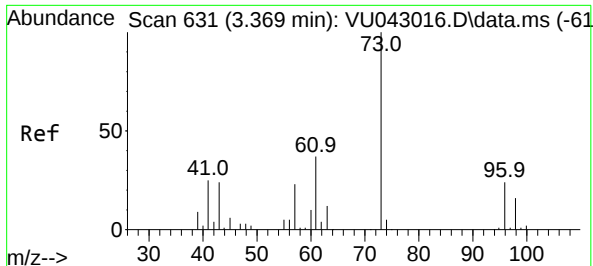
Tgt Ion: 76 Resp: 152183  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.5 11.3



#18  
Methyl Acetate  
Concen: 58.87 ug/l  
RT: 2.954 min Scan# 502  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 43 Resp: 139910  
Ion Ratio Lower Upper  
43 100  
74 19.6 16.6 25.0



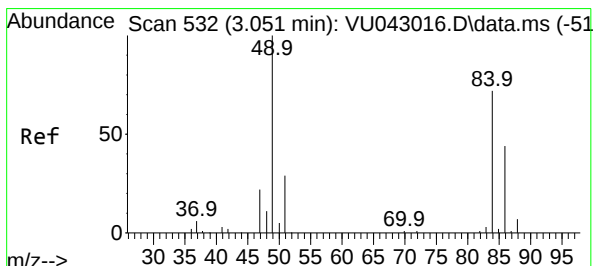
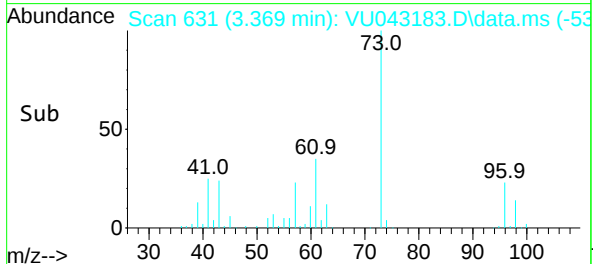
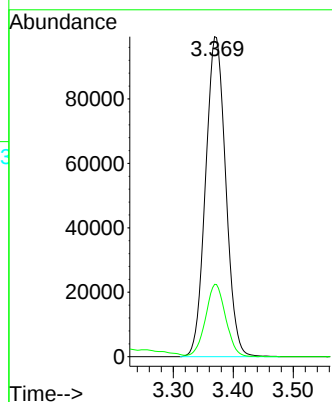
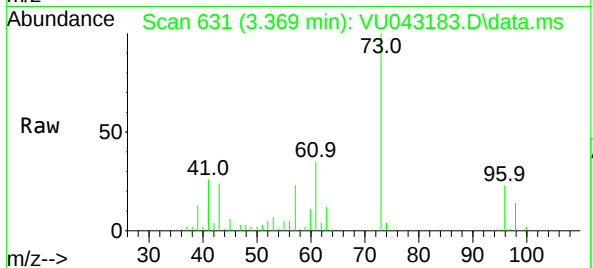


#19

Methyl tert-butyl Ether  
Concen: 55.51 ug/l  
RT: 3.369 min Scan# 631  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

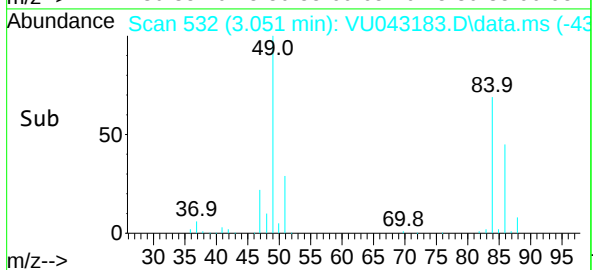
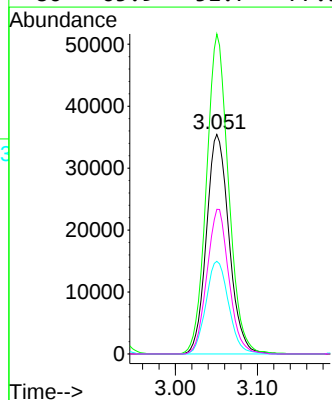
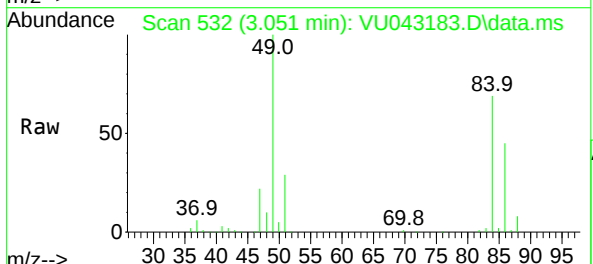
Tgt Ion: 73 Resp: 232238  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.8 28.2

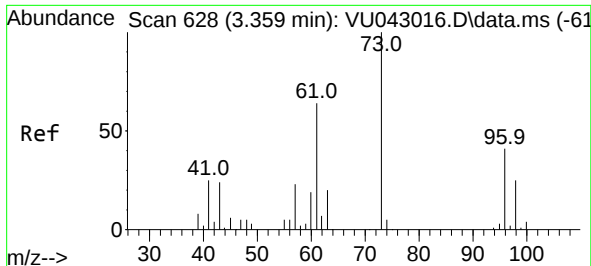


#20

Methylene Chloride  
Concen: 50.25 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. -0.001 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 84 Resp: 67850  
Ion Ratio Lower Upper  
84 100  
49 145.7 112.6 169.0  
51 42.2 33.7 50.5  
86 65.9 51.7 77.5

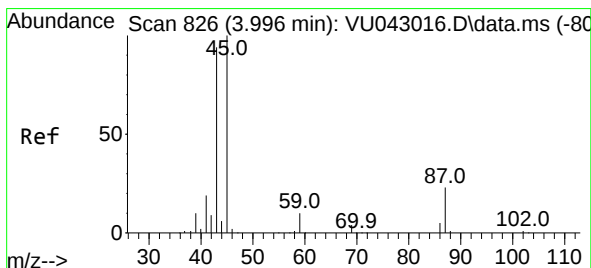
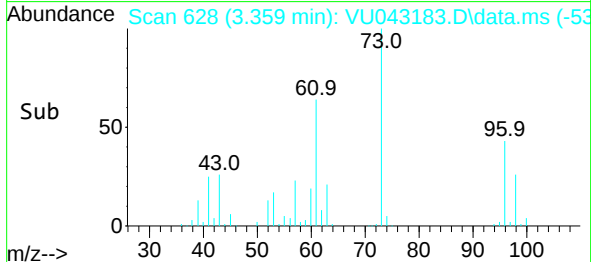
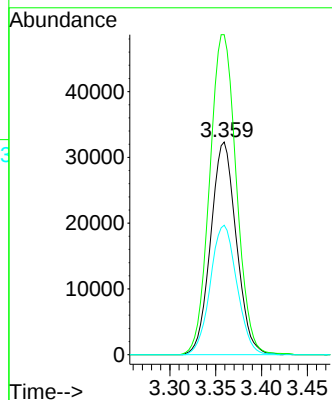
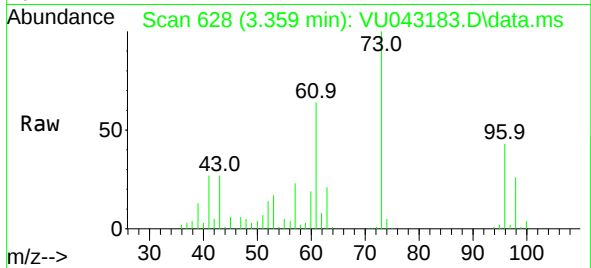




#21  
trans-1,2-Dichloroethene  
Concen: 50.93 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

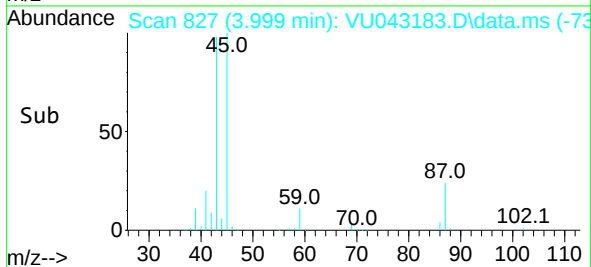
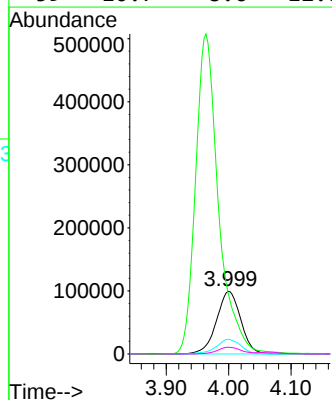
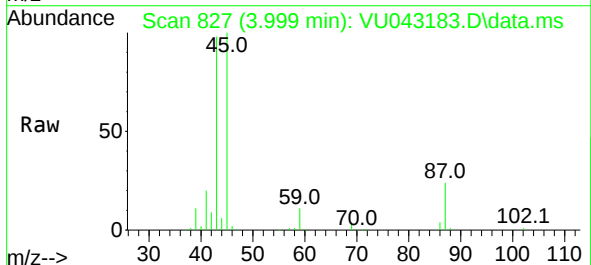
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

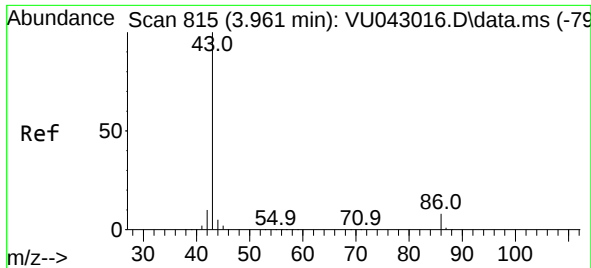
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 62996 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 150.5 | 122.4 | 183.6 |
| 98       | 60.9  | 51.9  | 77.9  |



#22  
Diisopropyl ether  
Concen: 54.49 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 267826 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 95.7  | 73.0  | 109.6  |
| 87       | 23.5  | 19.5  | 29.3   |
| 59       | 10.7  | 8.6   | 12.8   |

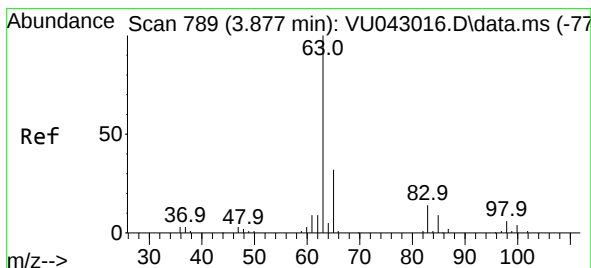
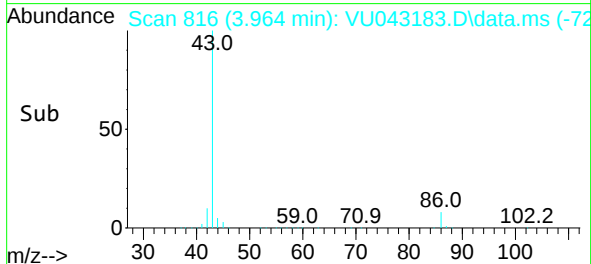
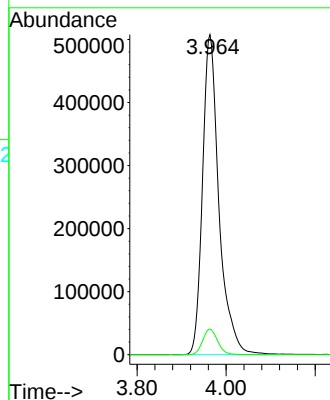
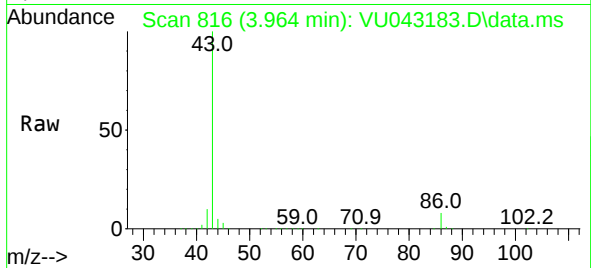




#23  
 Vinyl Acetate  
 Concen: 273.35 ug/l  
 RT: 3.964 min Scan# 816  
 Delta R.T. 0.003 min  
 Lab File: VU043183.D  
 Acq: 16 Apr 2021 20:51

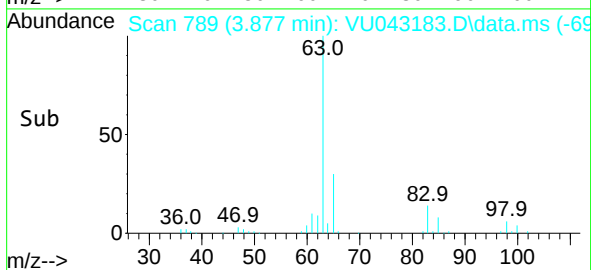
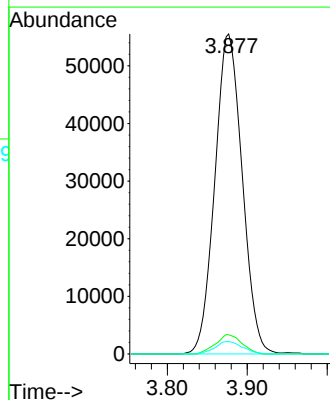
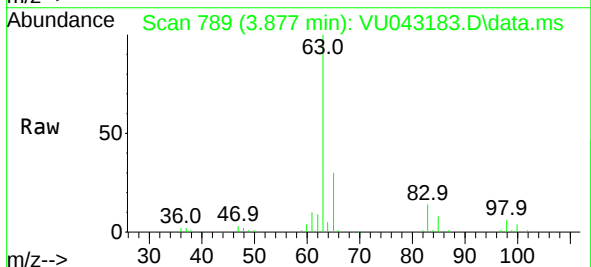
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1300170  
 Ion Ratio Lower Upper  
 43 100  
 86 8.0 6.7 10.1



#24  
 1,1-Dichloroethane  
 Concen: 53.10 ug/l  
 RT: 3.877 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VU043183.D  
 Acq: 16 Apr 2021 20:51

Tgt Ion: 63 Resp: 131973  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.1 9.3  
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 264.53 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU043183.D

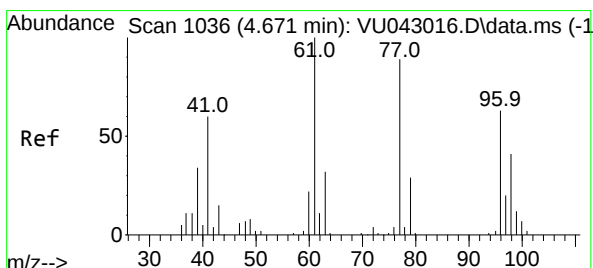
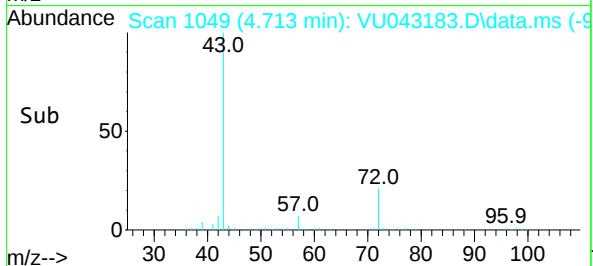
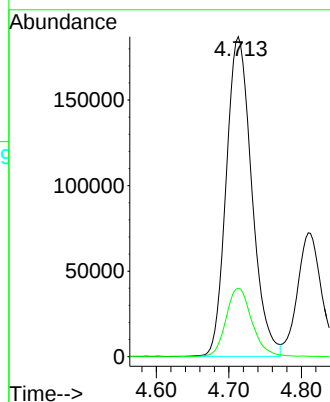
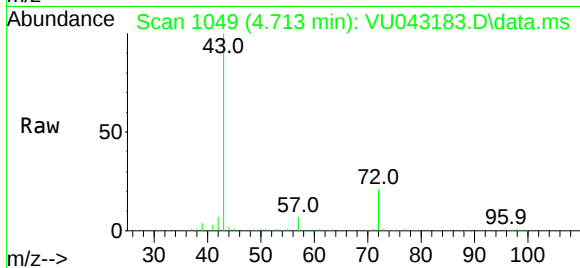
Acq: 16 Apr 2021 20:51

Tgt Ion: 43 Resp: 456893

Ion Ratio Lower Upper

43 100

72 21.4 17.4 26.0



#26

2,2-Dichloropropane

Concen: 43.88 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU043183.D

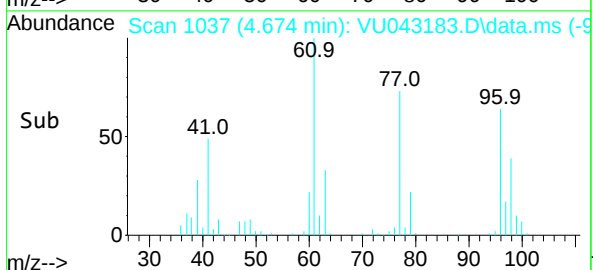
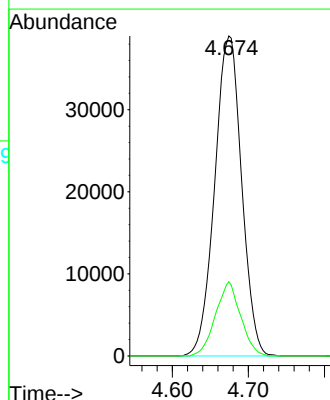
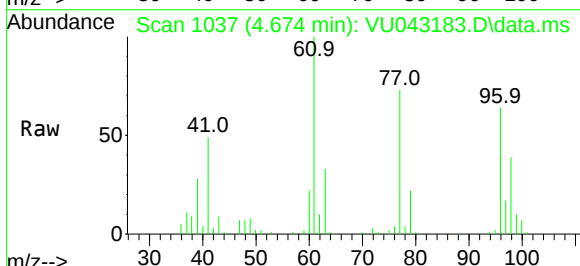
Acq: 16 Apr 2021 20:51

Tgt Ion: 77 Resp: 95649

Ion Ratio Lower Upper

77 100

97 21.6 10.6 31.8

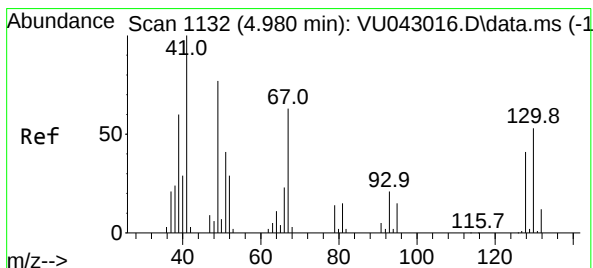
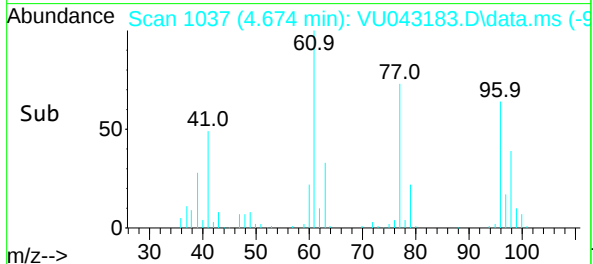
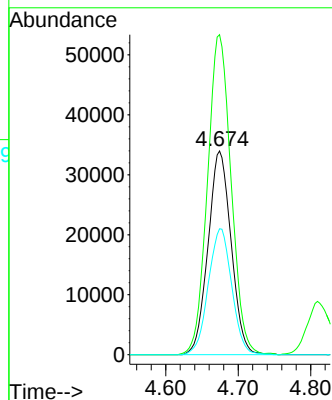
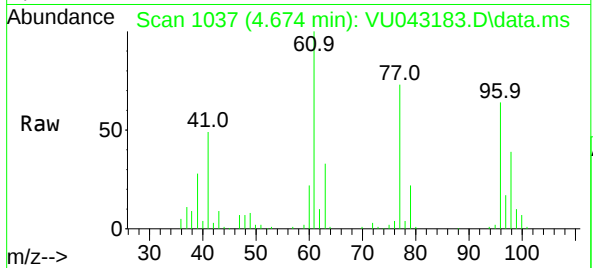




#27  
 cis-1,2-Dichloroethene  
 Concen: 53.44 ug/l  
 RT: 4.674 min Scan# 1037  
 Delta R.T. 0.000 min  
 Lab File: VU043183.D  
 Acq: 16 Apr 2021 20:51

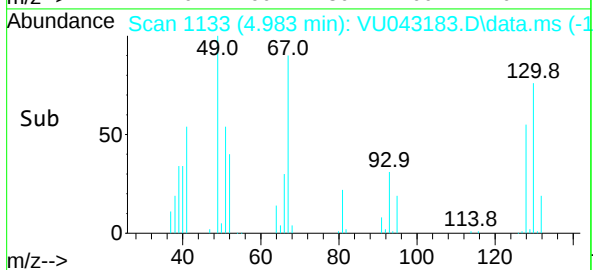
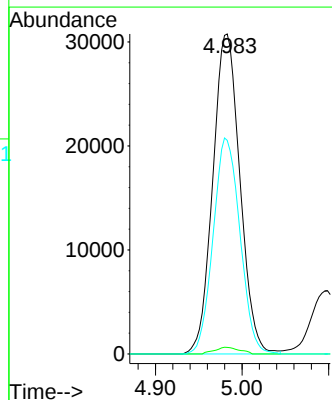
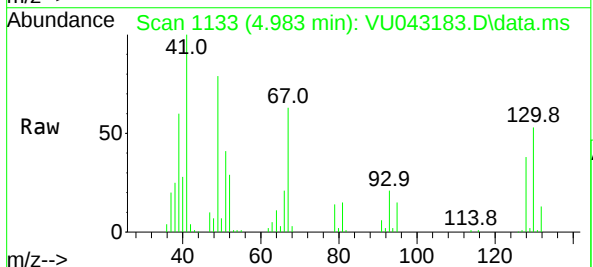
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

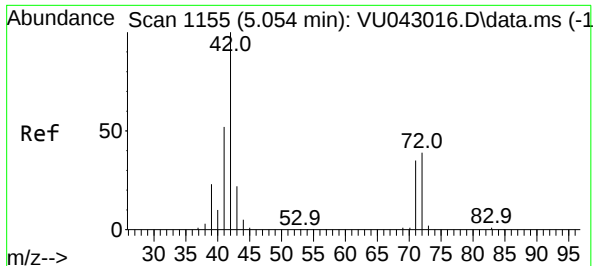
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 75205 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 160.3 | 0.0   | 322.2 |
| 98       | 62.7  | 0.0   | 128.6 |



#28  
 Bromochloromethane  
 Concen: 52.89 ug/l  
 RT: 4.983 min Scan# 1133  
 Delta R.T. 0.003 min  
 Lab File: VU043183.D  
 Acq: 16 Apr 2021 20:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 67036 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.9   | 0.0   | 3.4   |
| 130      | 66.6  | 57.1  | 85.7  |





#29

Tetrahydrofuran

Concen: 267.92 ug/l

RT: 5.060 min Scan# 1157

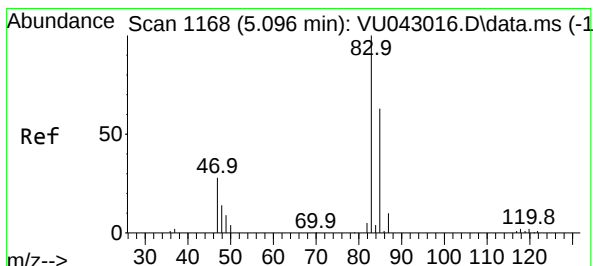
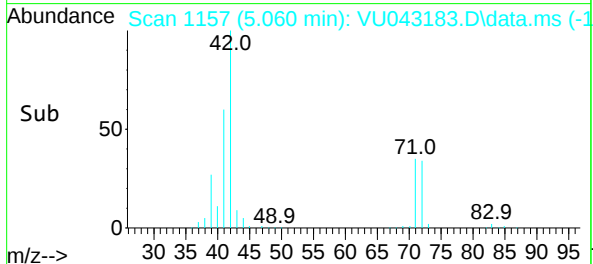
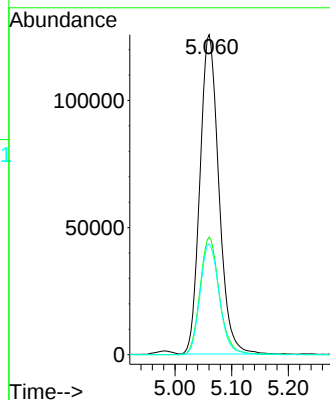
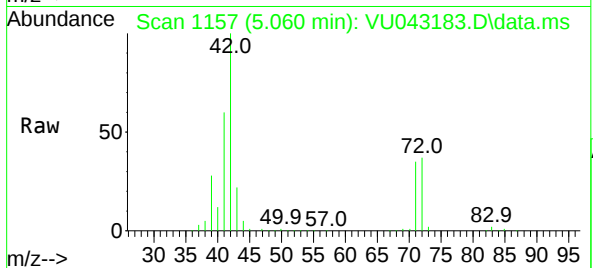
Delta R.T. 0.006 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 291378 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 37.6  | 31.5  | 47.3   |
| 71       | 35.4  | 29.5  | 44.3   |



#30

Chloroform

Concen: 53.43 ug/l

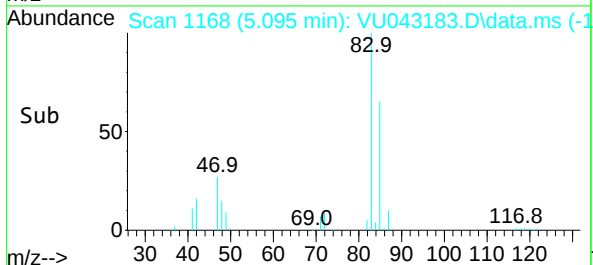
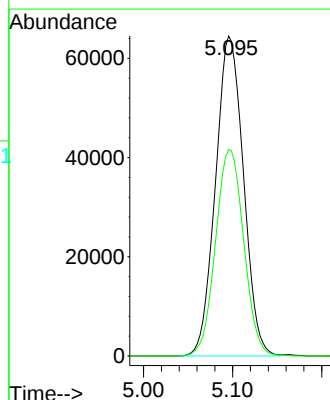
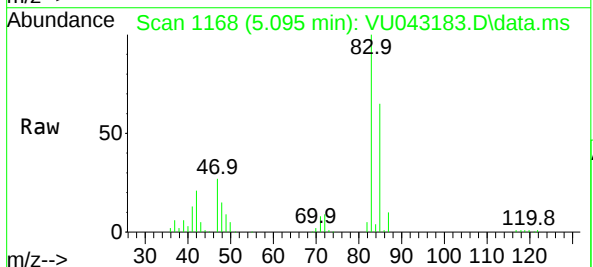
RT: 5.095 min Scan# 1168

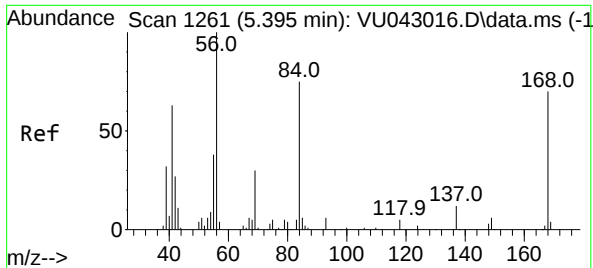
Delta R.T. -0.001 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 140632 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.5  | 54.6  | 81.8   |

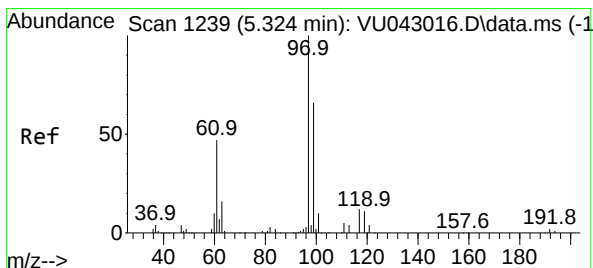
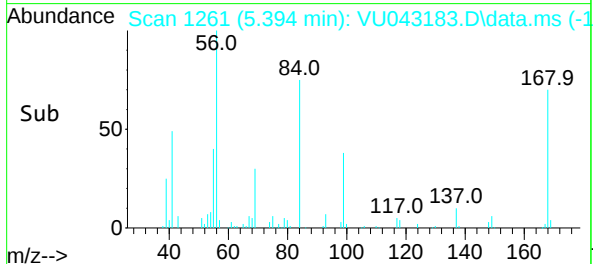
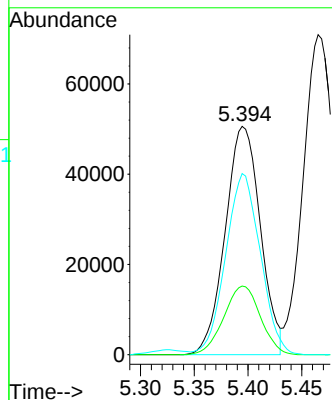
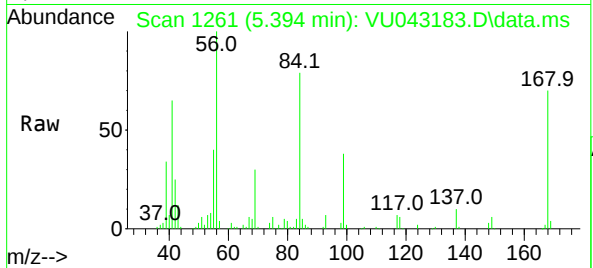




#31  
Cyclohexane  
Concen: 49.18 ug/l  
RT: 5.394 min Scan# 1261  
Delta R.T. -0.001 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

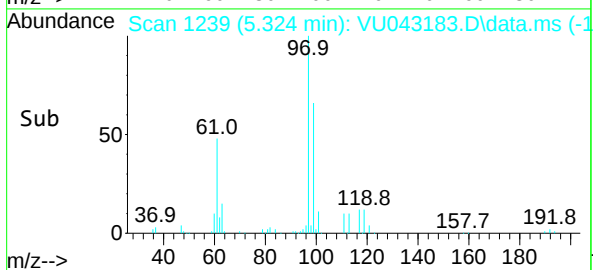
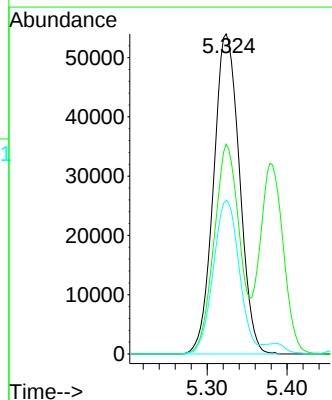
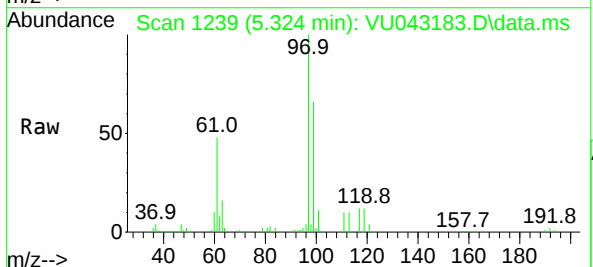
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

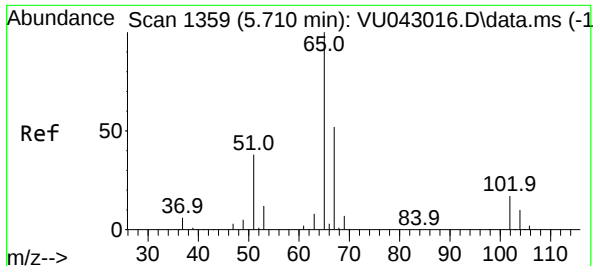
Tgt Ion: 56 Resp: 115351  
Ion Ratio Lower Upper  
56 100  
69 30.0 24.9 37.3  
84 77.7 63.7 95.5



#32  
1,1,1-Trichloroethane  
Concen: 52.21 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 97 Resp: 121480  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.4 77.0  
61 48.3 37.4 56.2

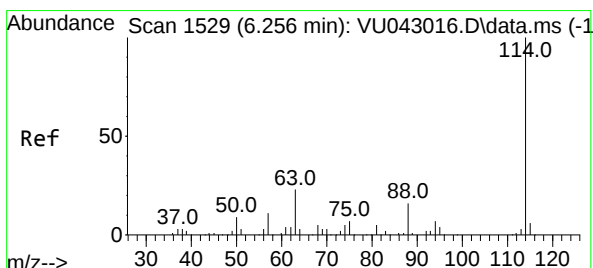
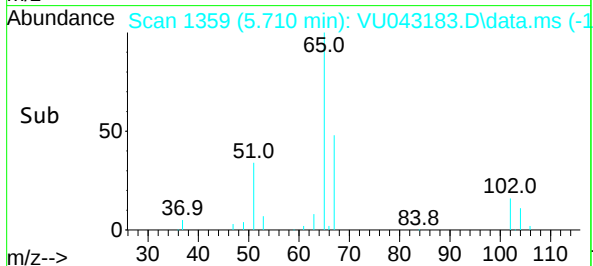
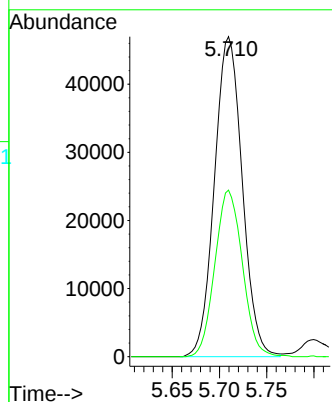
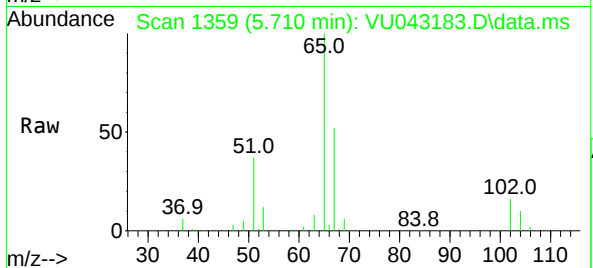




#33  
1,2-Dichloroethane-d4  
Concen: 50.53 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

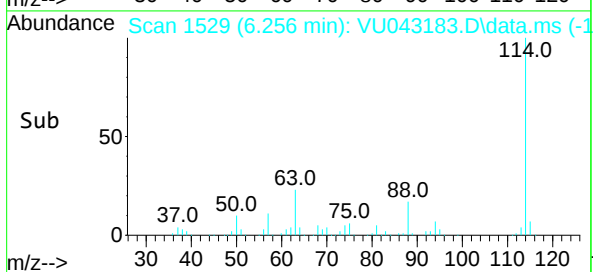
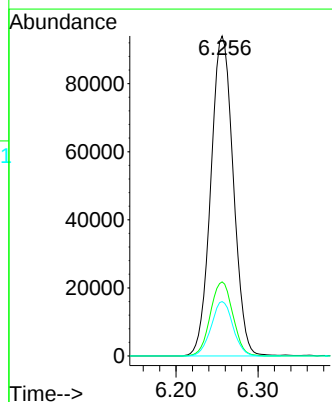
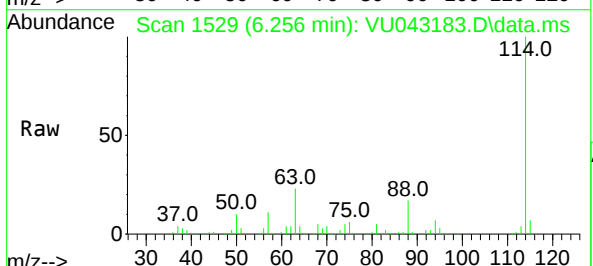
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 65 Resp: 96075  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 99.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 114 Resp: 179173  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 44.2  
88 17.0 0.0 33.4

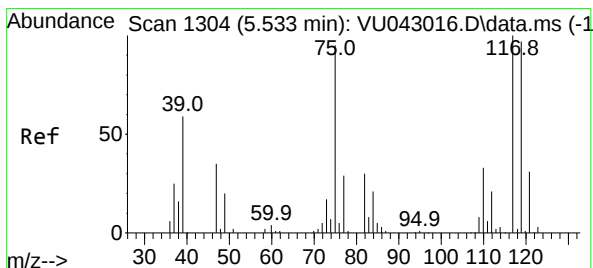
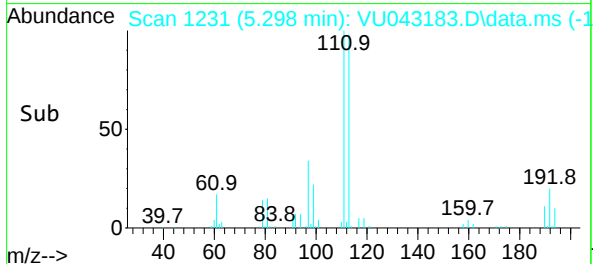
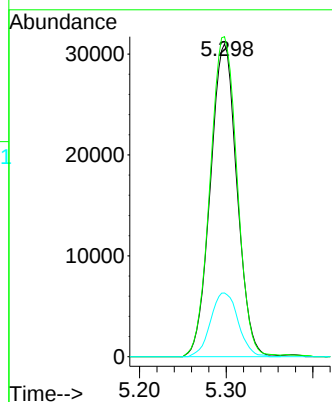
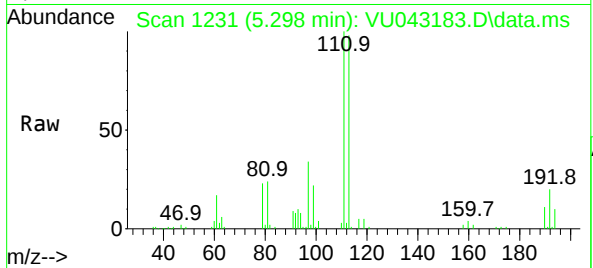




#35  
Dibromofluoromethane  
Concen: 49.11 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

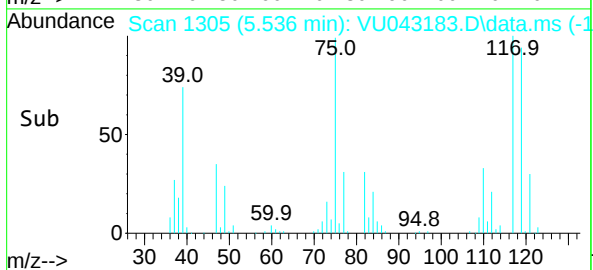
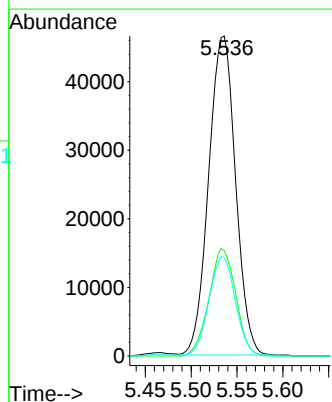
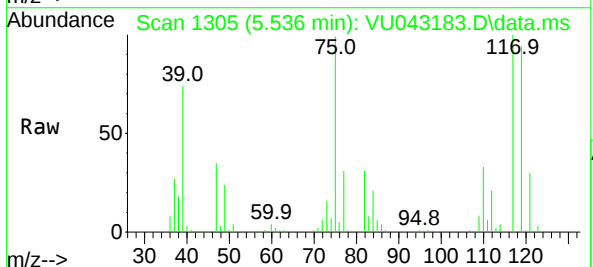
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

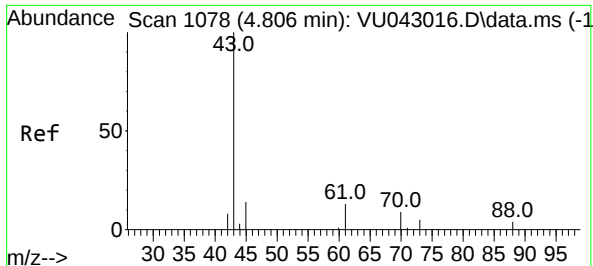
Tgt Ion:113 Resp: 66114  
Ion Ratio Lower Upper  
113 100  
111 103.9 81.8 122.8  
192 21.1 17.2 25.8



#36  
1,1-Dichloropropene  
Concen: 49.96 ug/l  
RT: 5.536 min Scan# 1305  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 75 Resp: 94967  
Ion Ratio Lower Upper  
75 100  
110 33.4 16.8 50.3  
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 52.47 ug/l

RT: 4.809 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

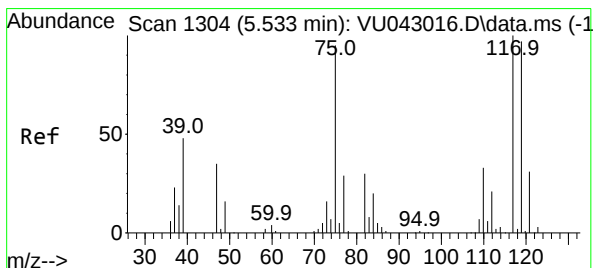
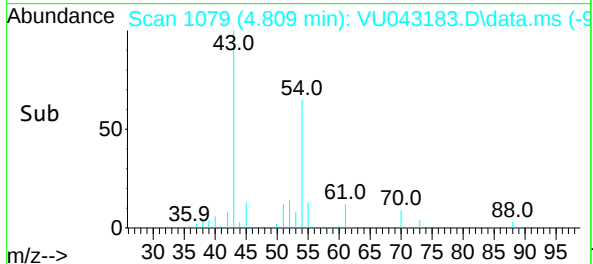
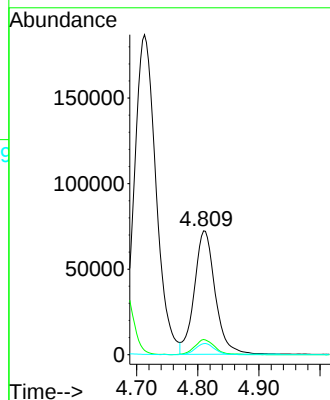
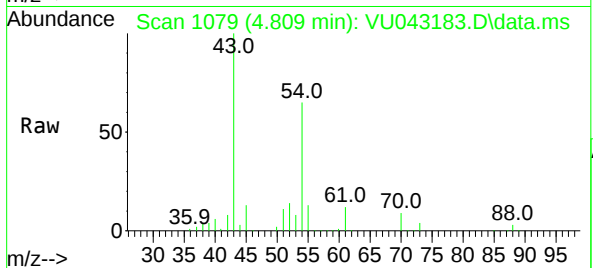
Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 170554 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 11.9     | 10.1 15.1    |
| 70 8.3      | 7.2 10.8     |



#38

Carbon Tetrachloride

Concen: 50.23 ug/l

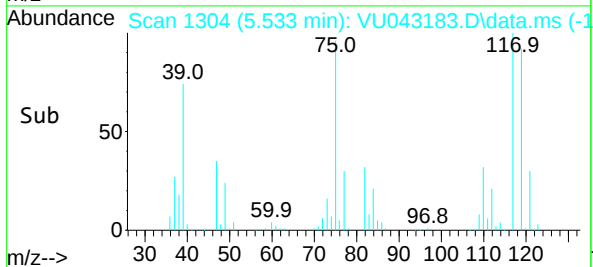
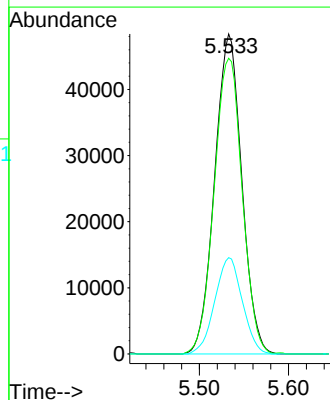
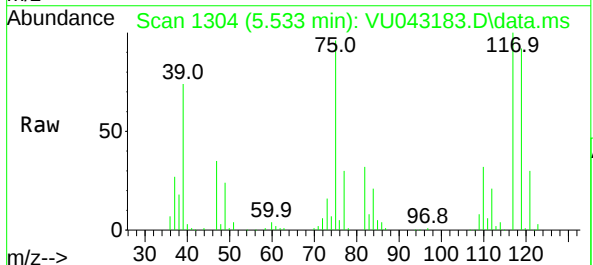
RT: 5.533 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

|              |              |
|--------------|--------------|
| Tgt Ion: 117 | Resp: 102359 |
| Ion Ratio    | Lower Upper  |
| 117 100      |              |
| 119 92.4     | 75.5 113.3   |
| 121 30.1     | 24.7 37.1    |





#39

Methylcyclohexane

Concen: 46.91 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

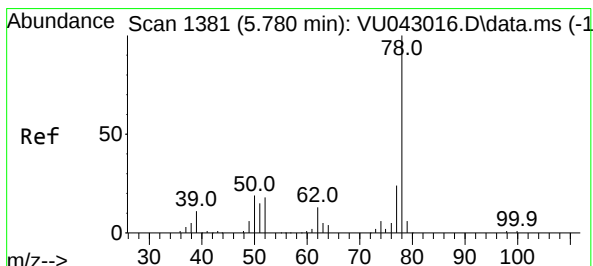
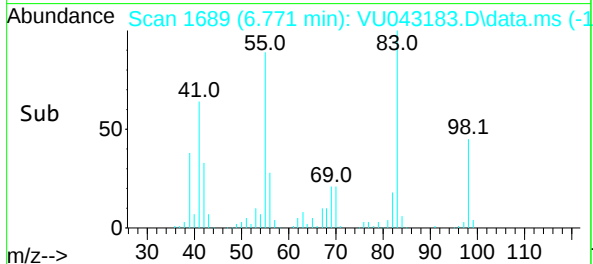
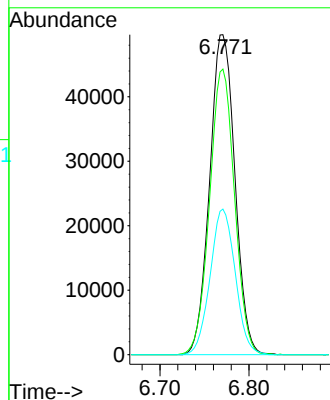
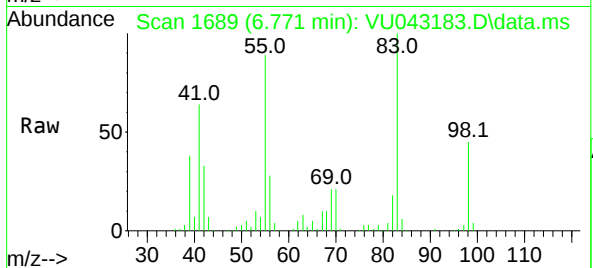
Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 98040 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 89.0  | 66.8  | 100.2 |
| 98       | 45.5  | 36.9  | 55.3  |



#40

Benzene

Concen: 51.83 ug/l

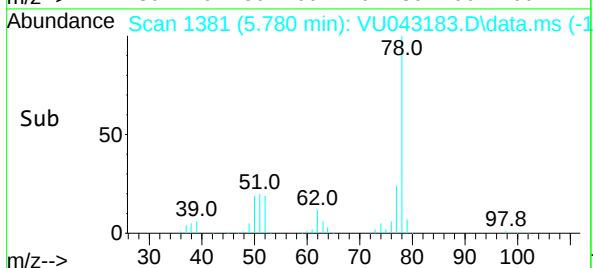
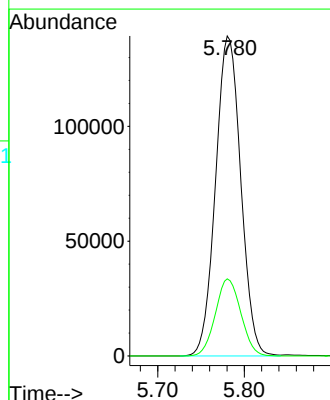
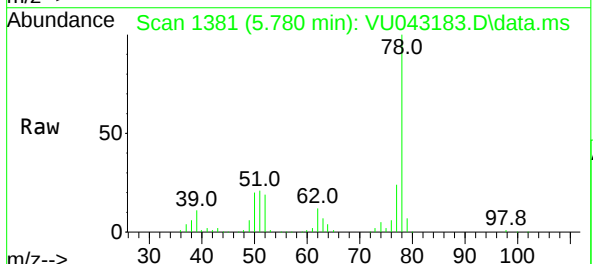
RT: 5.780 min Scan# 1381

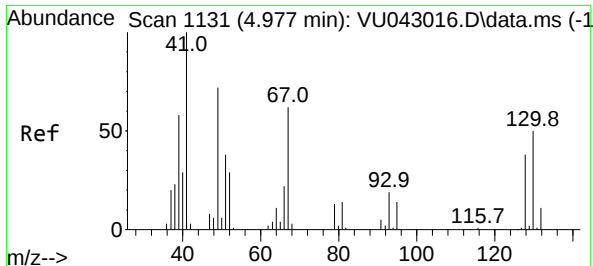
Delta R.T. 0.000 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 281537 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.1  | 19.3  | 28.9   |

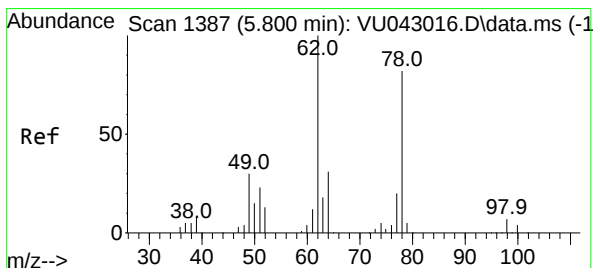
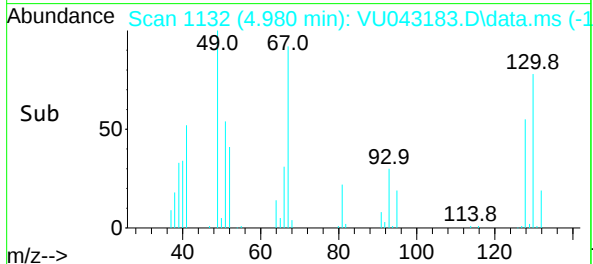
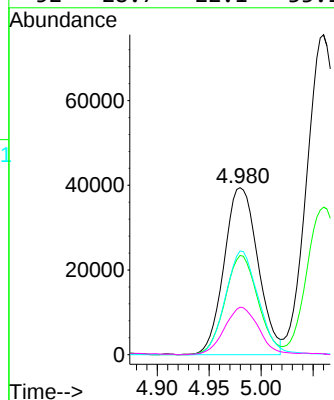
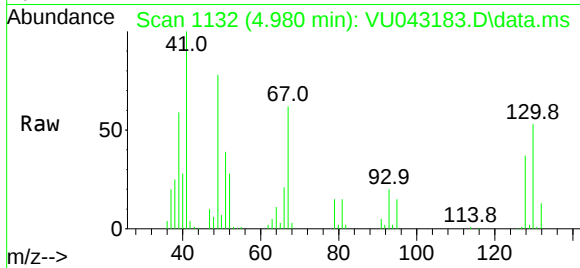




#41  
Methacrylonitrile  
Concen: 52.43 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

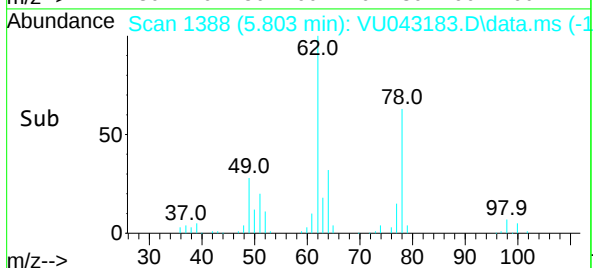
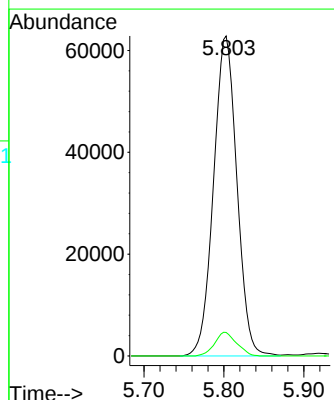
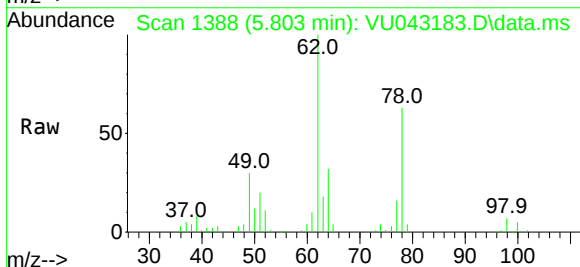
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

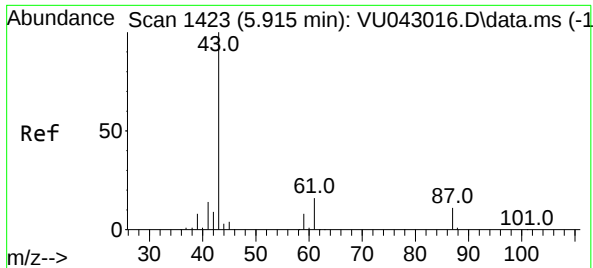
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 89595 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.2  | 45.1  | 67.7  |
| 67       | 60.9  | 50.2  | 75.2  |
| 52       | 28.7  | 22.1  | 33.1  |



#42  
1,2-Dichloroethane  
Concen: 52.90 ug/l  
RT: 5.803 min Scan# 1388  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 127436 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.0   | 0.0   | 14.8   |

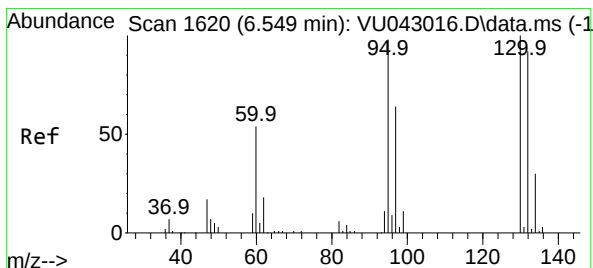
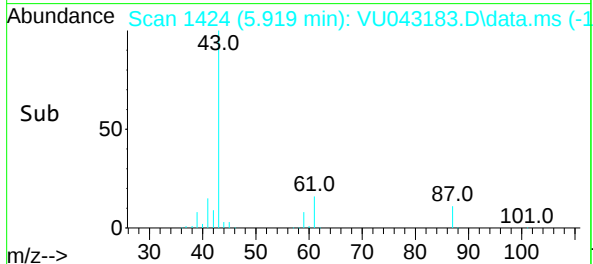
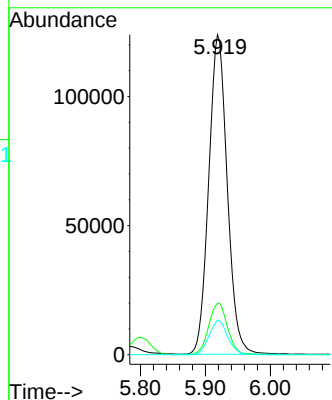
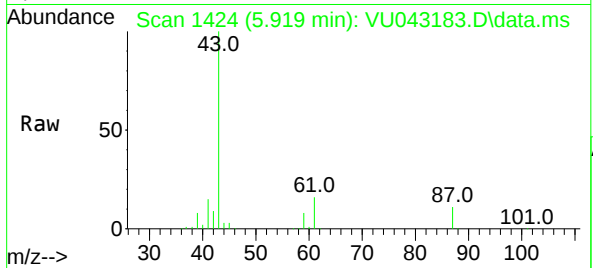




#43  
Isopropyl Acetate  
Concen: 52.91 ug/l  
RT: 5.919 min Scan# 1424  
Delta R.T. 0.004 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

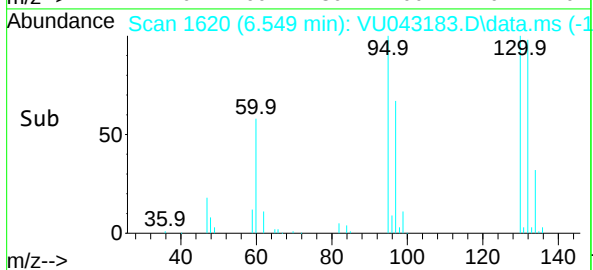
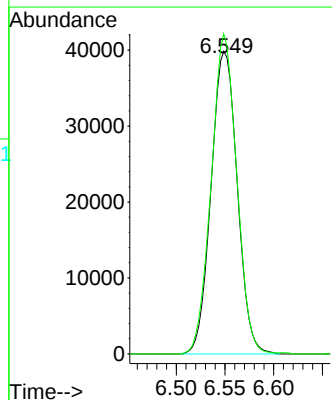
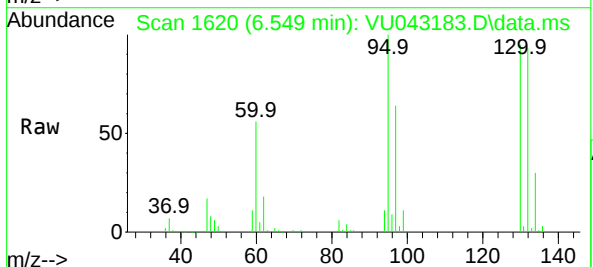
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

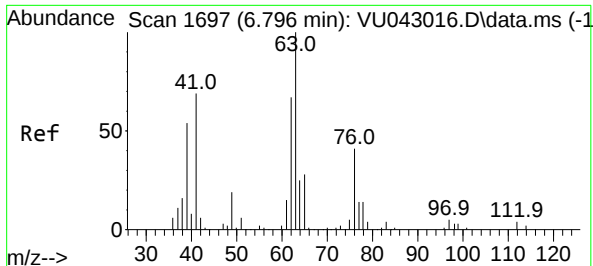
Tgt Ion: 43 Resp: 245256  
Ion Ratio Lower Upper  
43 100  
61 16.5 14.4 21.6  
87 10.8 8.8 13.2



#44  
Trichloroethene  
Concen: 53.97 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:130 Resp: 74348  
Ion Ratio Lower Upper  
130 100  
95 105.7 0.0 197.8



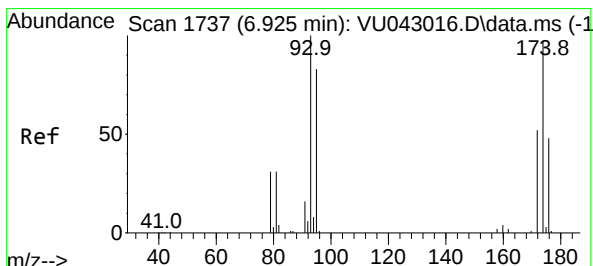
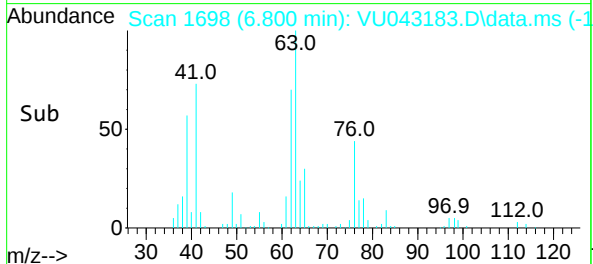
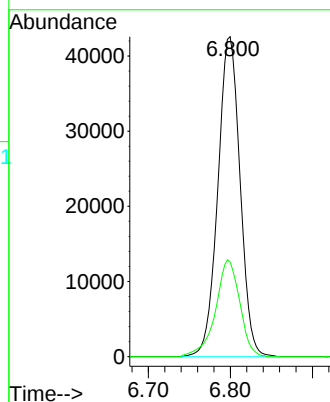
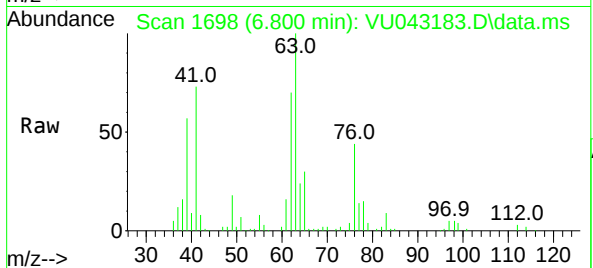


#45

1,2-Dichloropropane  
Concen: 52.93 ug/l  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.004 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

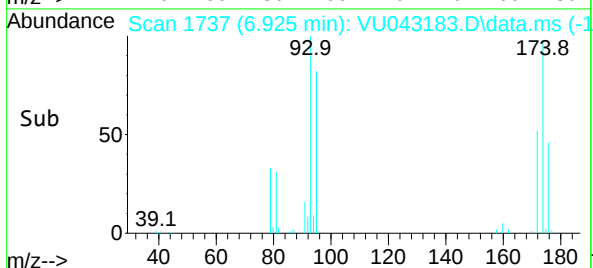
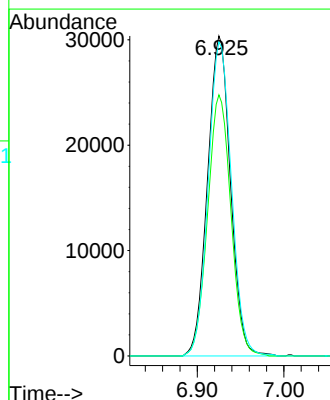
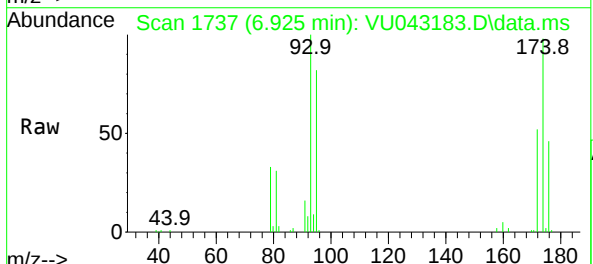
Tgt Ion: 63 Resp: 80099  
Ion Ratio Lower Upper  
63 100  
65 29.6 25.4 38.2

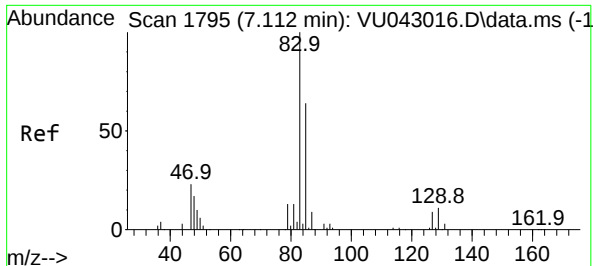


#46

Dibromomethane  
Concen: 52.38 ug/l  
RT: 6.925 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 93 Resp: 56058  
Ion Ratio Lower Upper  
93 100  
95 82.5 63.6 95.4  
174 98.9 83.4 125.2

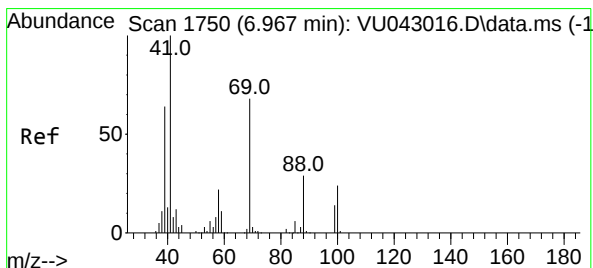
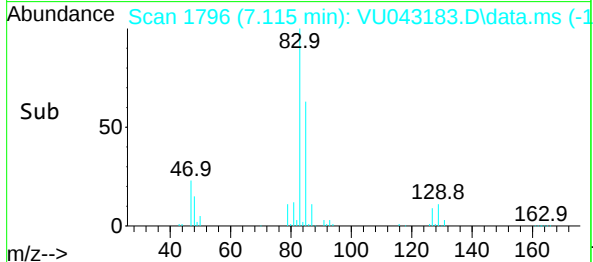
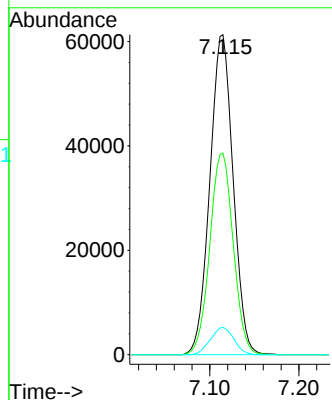
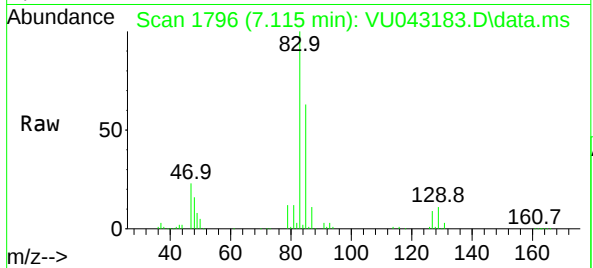




#47  
Bromodichloromethane  
Concen: 52.63 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

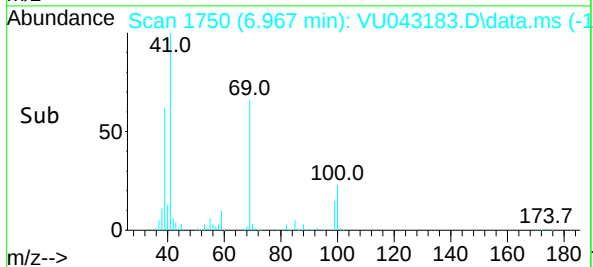
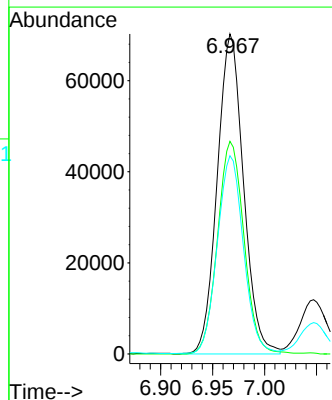
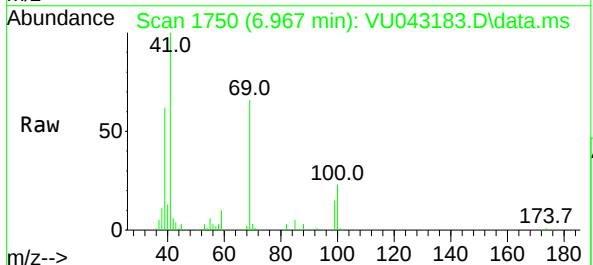
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

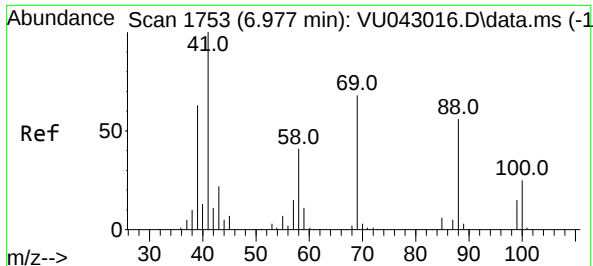
Tgt Ion: 83 Resp: 111179  
Ion Ratio Lower Upper  
83 100  
85 63.0 51.3 76.9  
127 8.5 6.9 10.3



#48  
Methyl methacrylate  
Concen: 53.23 ug/l  
RT: 6.967 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 41 Resp: 123873  
Ion Ratio Lower Upper  
41 100  
69 66.8 57.0 85.6  
39 61.2 48.4 72.6





#49

1,4-Dioxane

Concen: 1108.14 ug/l

RT: 6.999 min Scan# 1760

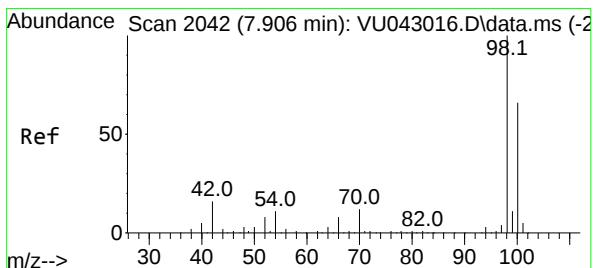
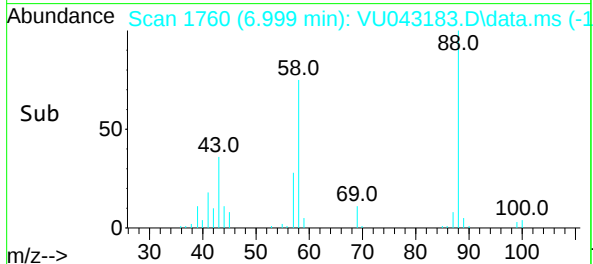
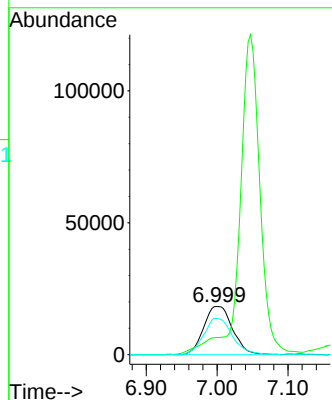
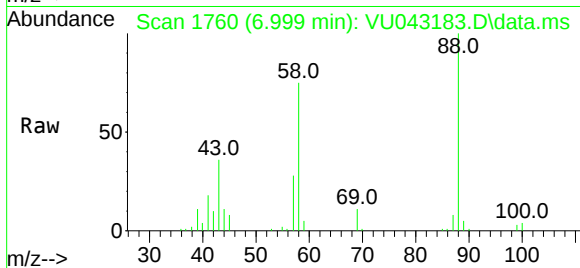
Delta R.T. 0.022 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

Tgt Ion: 88 Resp: 51667

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 0.0   | 0.0   | 0.0   |
| 58  | 75.7  | 60.4  | 90.6  |



#50

Toluene-d8

Concen: 49.53 ug/l

RT: 7.906 min Scan# 2042

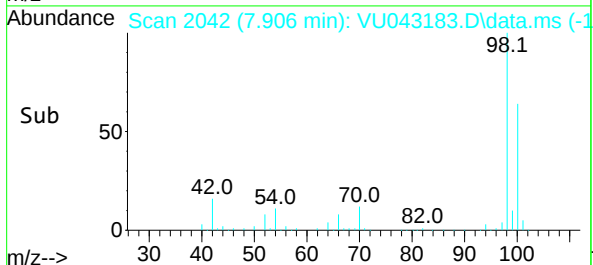
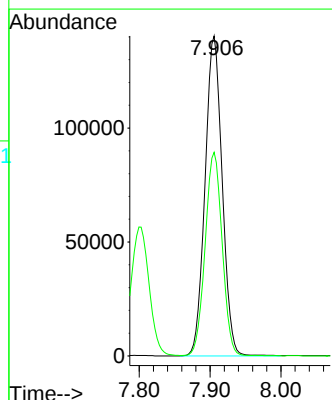
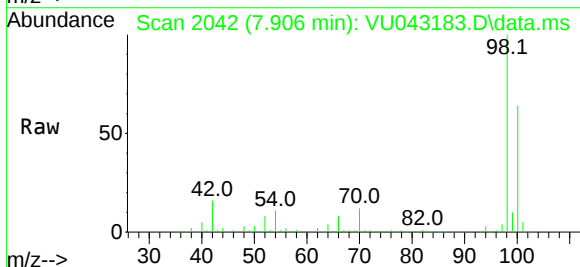
Delta R.T. -0.000 min

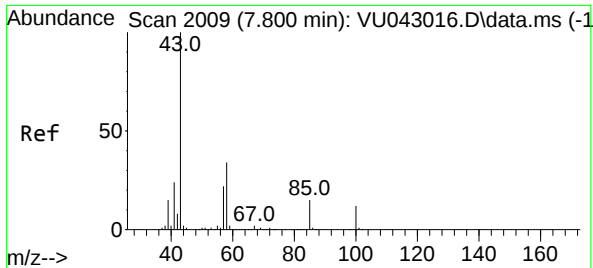
Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

Tgt Ion: 98 Resp: 235986

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 62.8  | 50.2  | 75.2  |

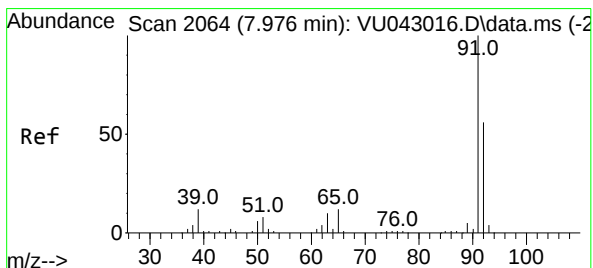
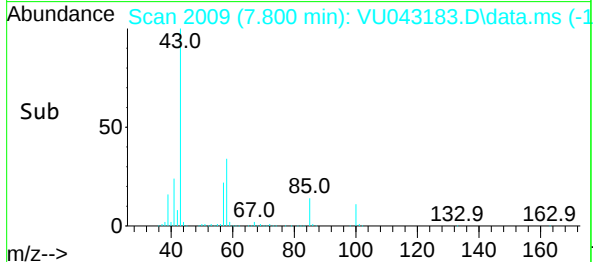
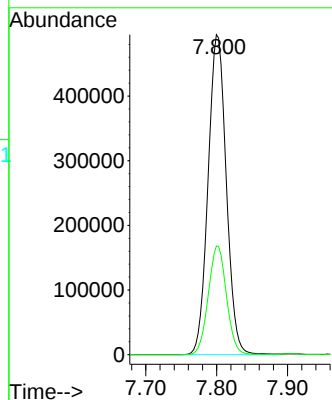
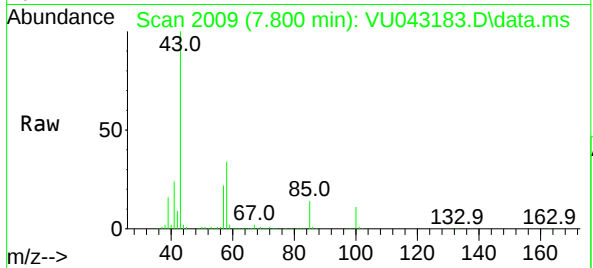




#51  
4-Methyl-2-Pentanone  
Concen: 257.68 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

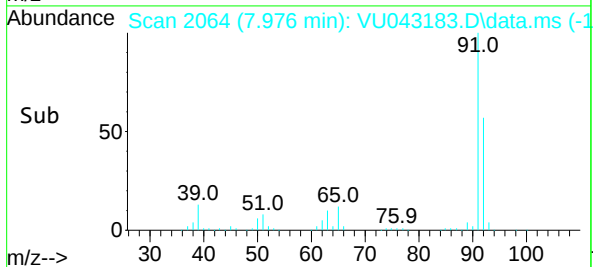
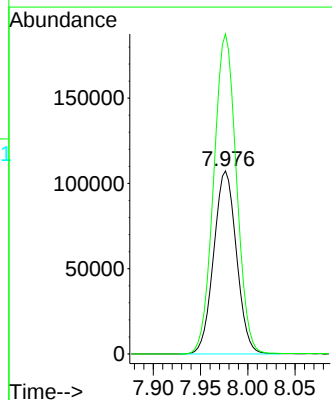
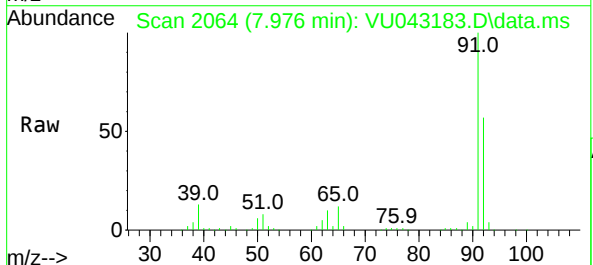
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

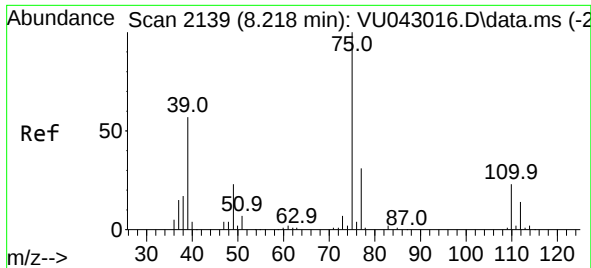
Tgt Ion: 43 Resp: 883678  
Ion Ratio Lower Upper  
43 100  
58 33.9 28.1 42.1



#52  
Toluene  
Concen: 53.34 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 92 Resp: 179596  
Ion Ratio Lower Upper  
92 100  
91 175.1 140.3 210.5

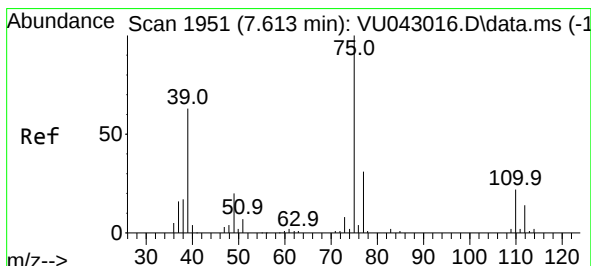
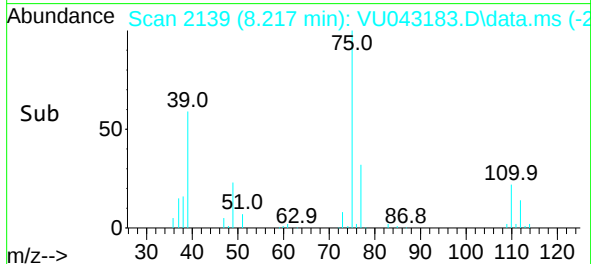
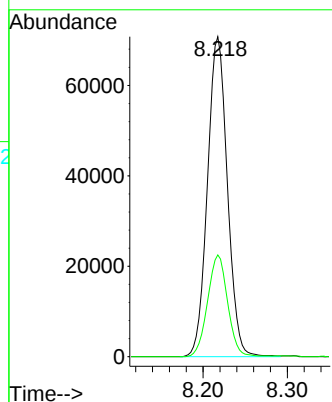
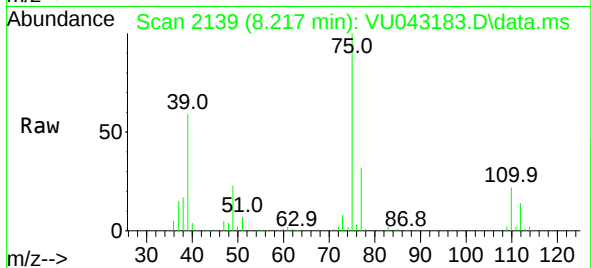




#53  
t-1,3-Dichloropropene  
Concen: 49.59 ug/l  
RT: 8.217 min Scan# 2139  
Delta R.T. -0.001 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

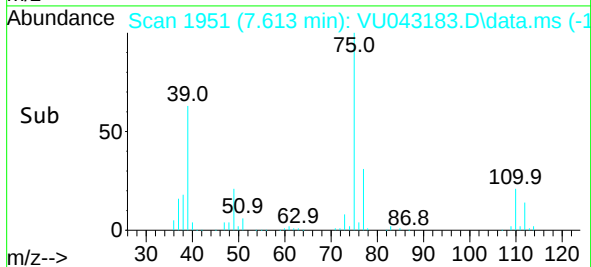
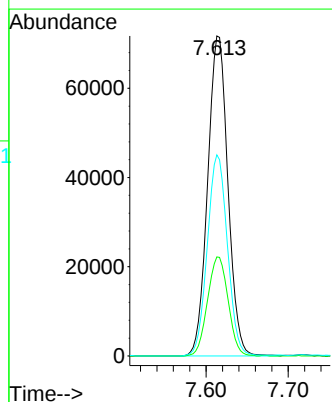
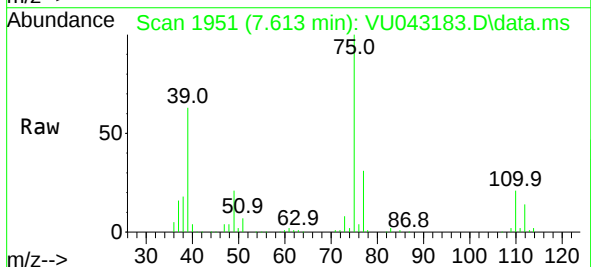
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

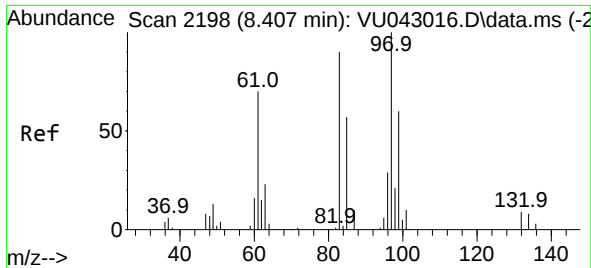
Tgt Ion: 75 Resp: 116337  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 51.64 ug/l  
RT: 7.613 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 75 Resp: 123012  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.6 37.0  
39 62.9 46.1 69.1

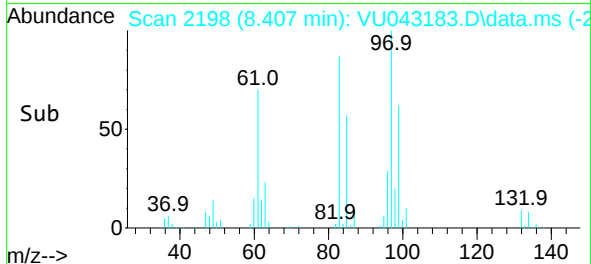
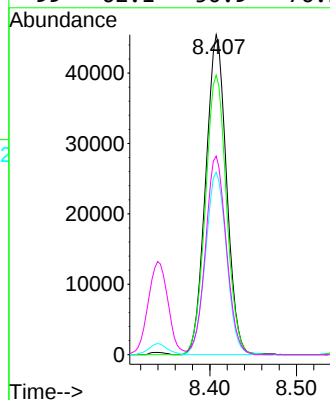
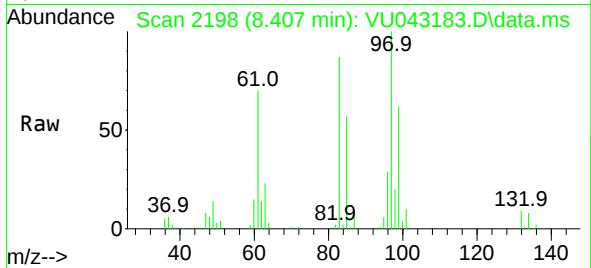




#55  
1,1,2-Trichloroethane  
Concen: 52.61 ug/l  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

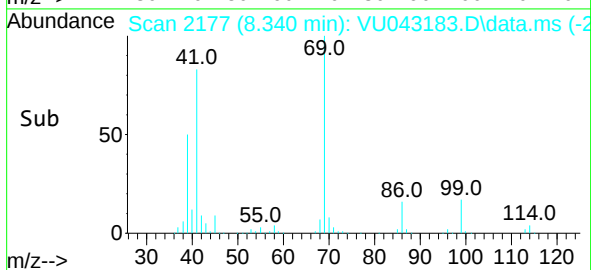
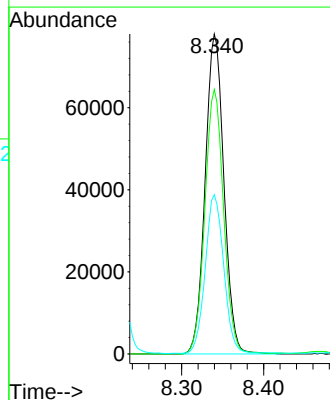
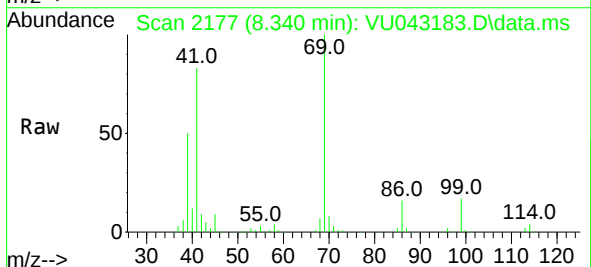
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

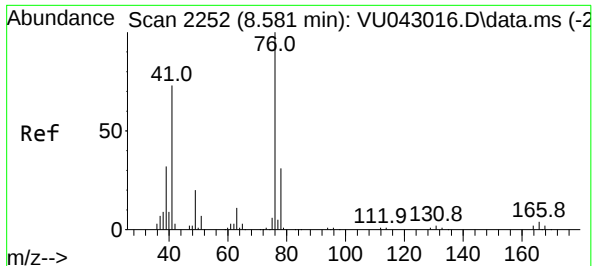
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 87.3  | 72.6  | 109.0 |
| 85      | 57.0  | 46.6  | 69.8  |
| 99      | 62.1  | 50.9  | 76.3  |



#56  
Ethyl methacrylate  
Concen: 52.39 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 83.0  | 62.8  | 94.2  |
| 39      | 49.0  | 36.2  | 54.2  |



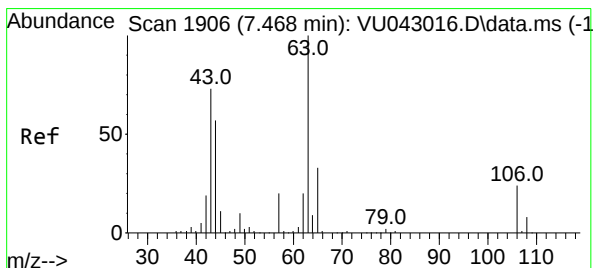
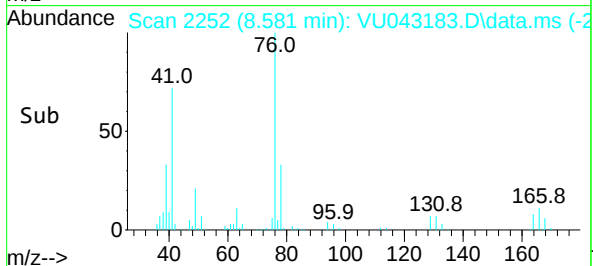
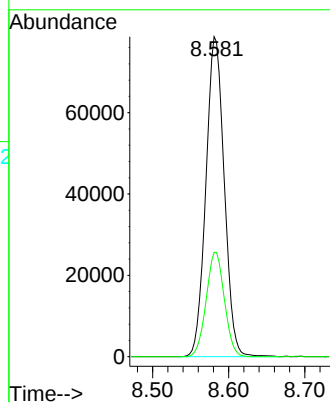
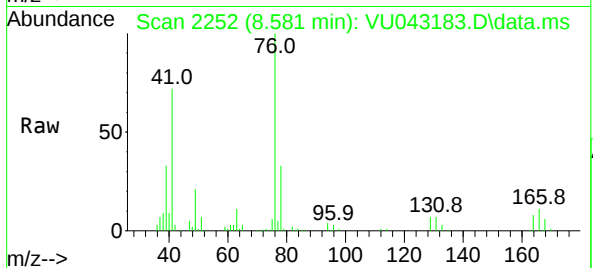


#57

1,3-Dichloropropane  
Concen: 52.76 ug/l  
RT: 8.581 min Scan# 2252  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

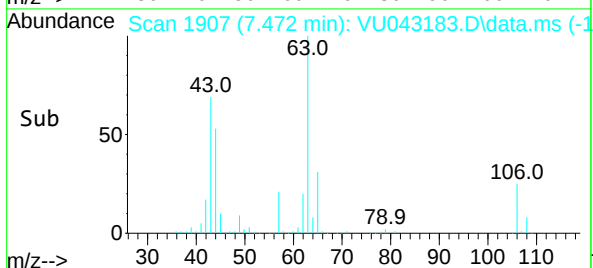
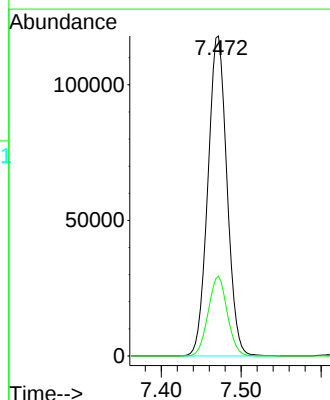
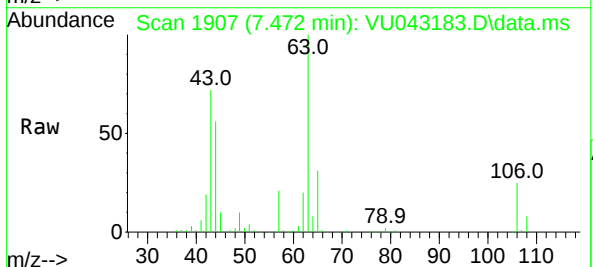
Tgt Ion: 76 Resp: 131647  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.7 38.5

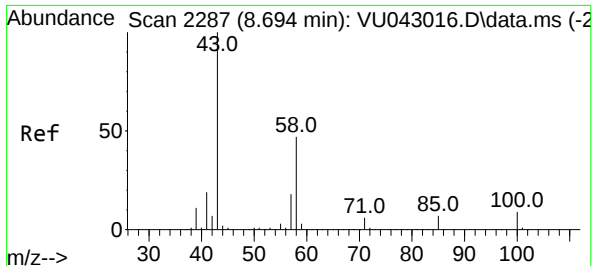


#58

2-Chloroethyl Vinyl ether  
Concen: 200.58 ug/l  
RT: 7.472 min Scan# 1907  
Delta R.T. 0.004 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 63 Resp: 195792  
Ion Ratio Lower Upper  
63 100  
106 24.9 20.3 30.5





#59

2-Hexanone

Concen: 254.15 ug/l

RT: 8.693 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VU043183.D

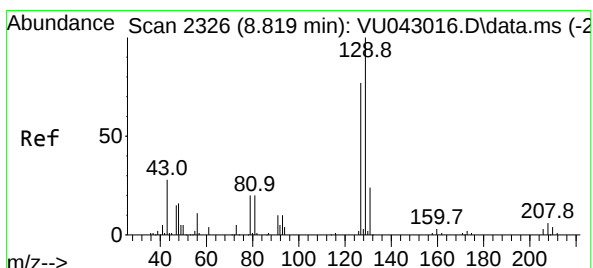
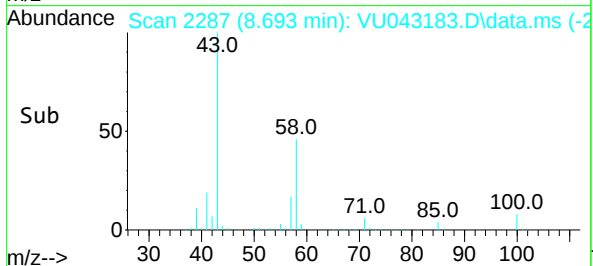
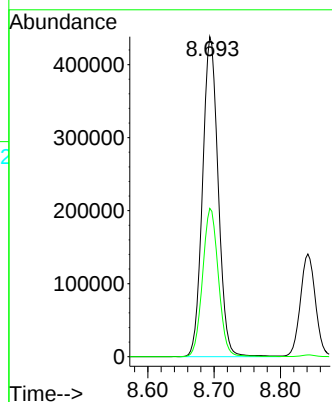
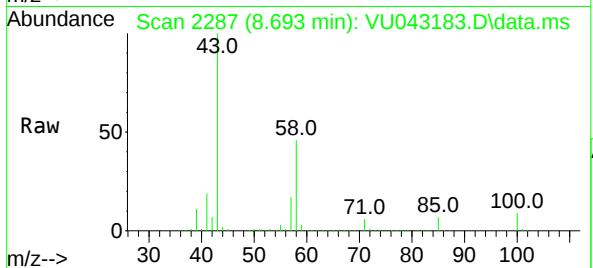
Acq: 16 Apr 2021 20:51

Tgt Ion: 43 Resp: 717690

Ion Ratio Lower Upper

43 100

58 47.1 24.0 72.0



#60

Dibromochloromethane

Concen: 51.43 ug/l

RT: 8.816 min Scan# 2325

Delta R.T. -0.003 min

Lab File: VU043183.D

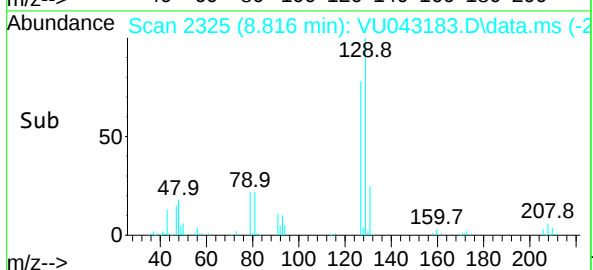
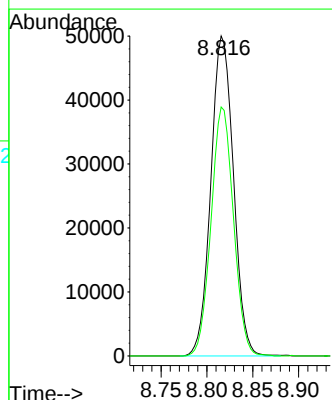
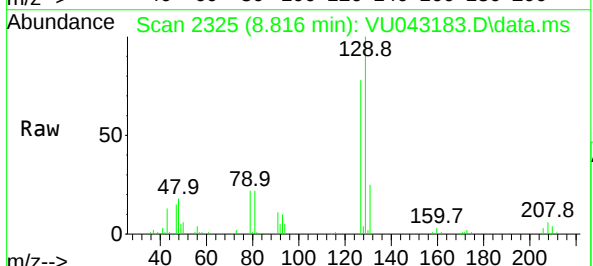
Acq: 16 Apr 2021 20:51

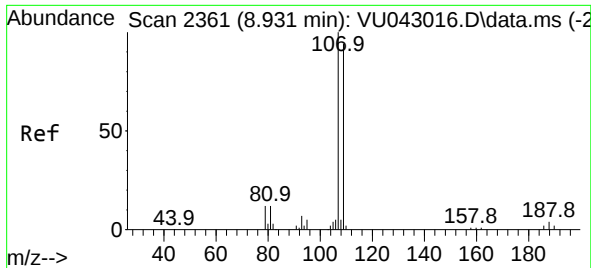
Tgt Ion: 129 Resp: 85917

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.3

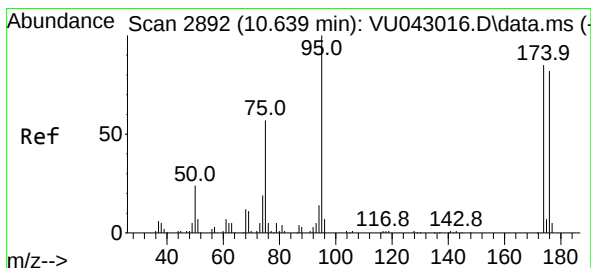
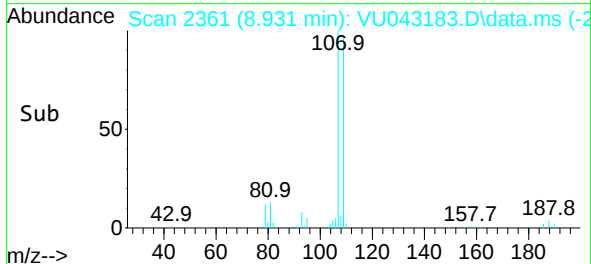
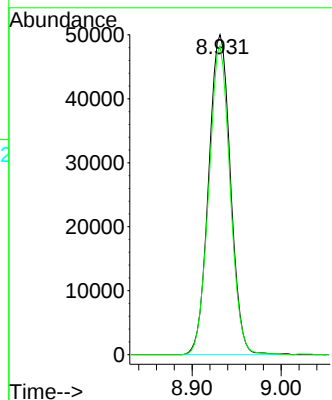
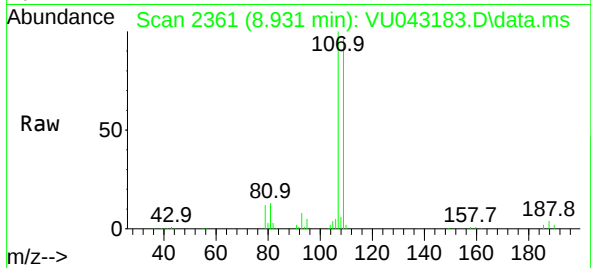




#61  
1,2-Dibromoethane  
Concen: 52.19 ug/l  
RT: 8.931 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

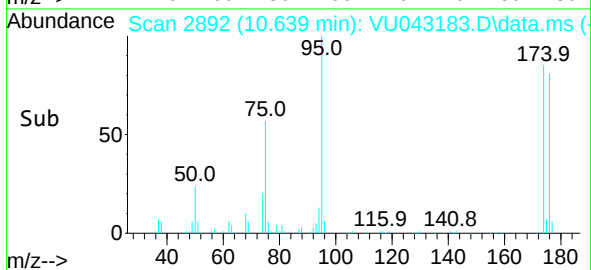
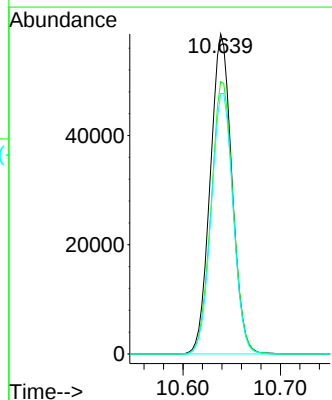
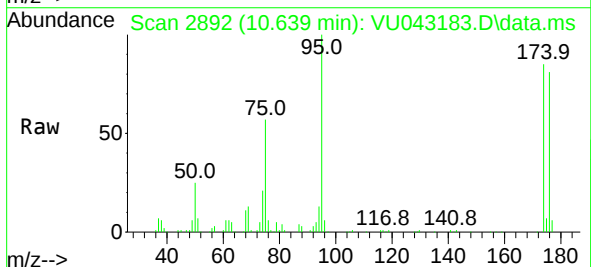
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

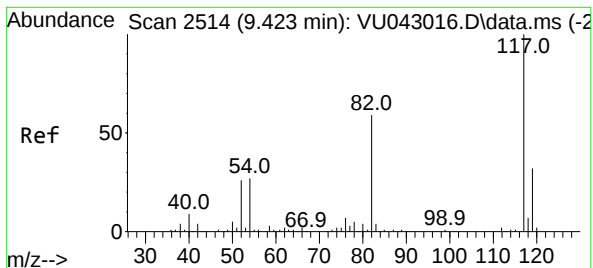
Tgt Ion:107 Resp: 85024  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 47.46 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 95 Resp: 90538  
Ion Ratio Lower Upper  
95 100  
174 86.6 0.0 172.2  
176 82.3 0.0 168.8

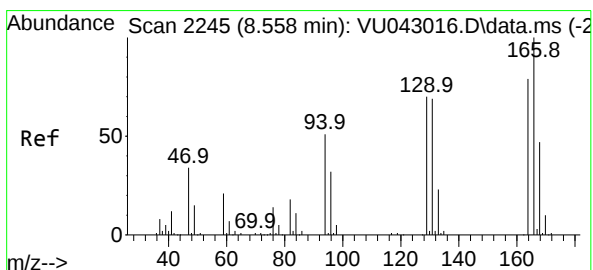
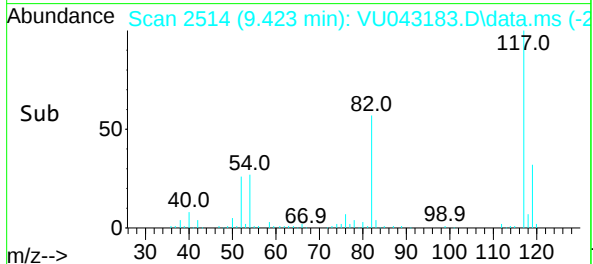
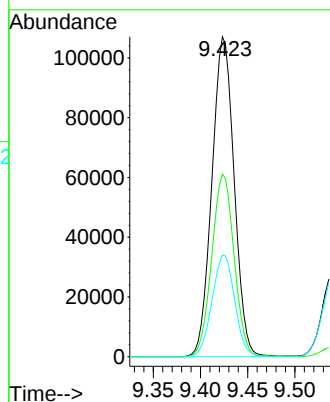
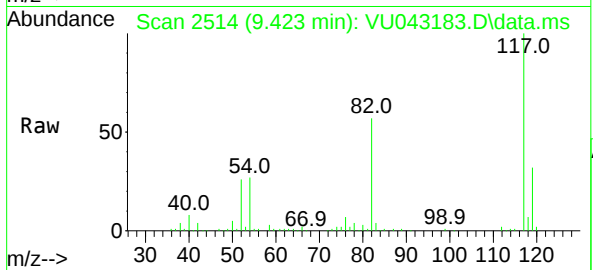




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

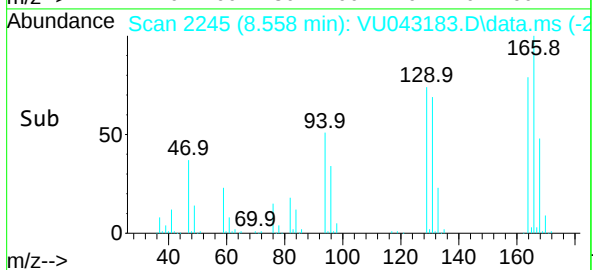
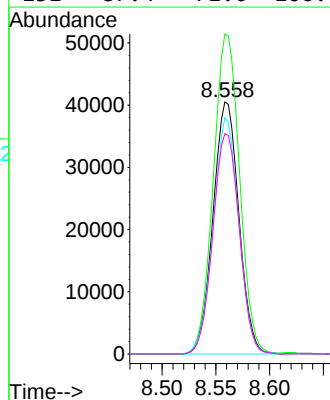
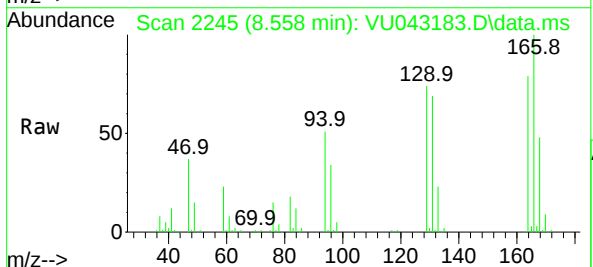
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

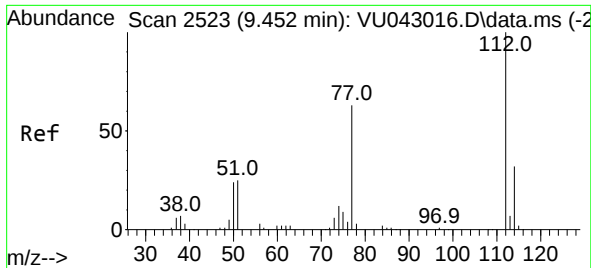
Tgt Ion:117 Resp: 175467  
Ion Ratio Lower Upper  
117 100  
82 57.0 45.8 68.6  
119 31.7 25.8 38.8



#64  
Tetrachloroethene  
Concen: 53.20 ug/l  
RT: 8.558 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:164 Resp: 67730  
Ion Ratio Lower Upper  
164 100  
166 127.0 105.3 157.9  
129 93.7 75.0 112.6  
131 87.4 71.0 106.6

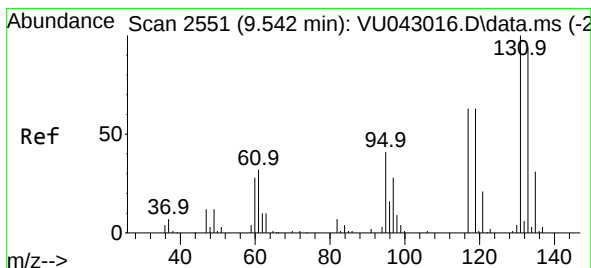
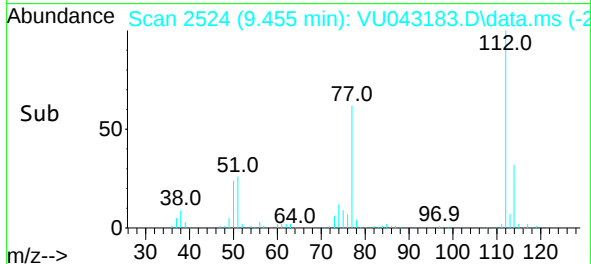
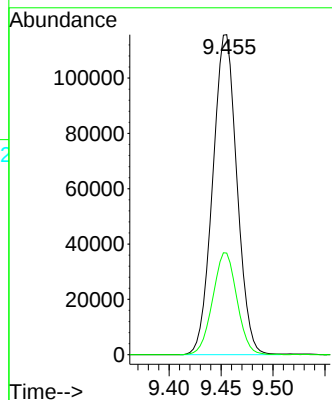
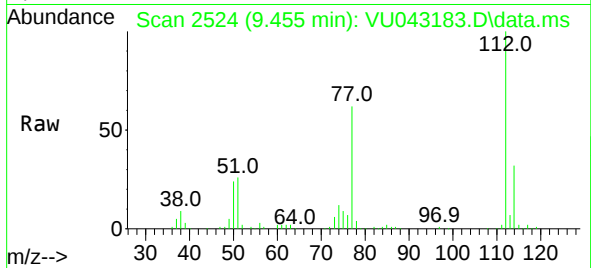




#65  
Chlorobenzene  
Concen: 49.92 ug/l  
RT: 9.455 min Scan# 2524  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

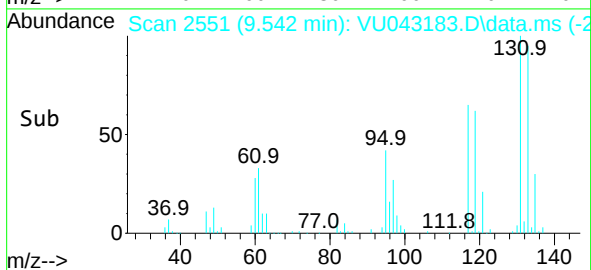
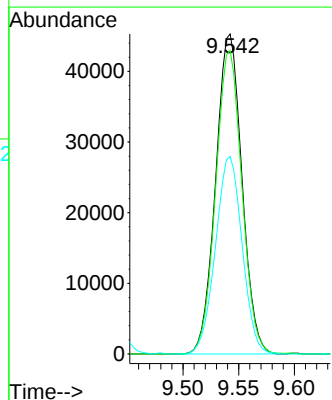
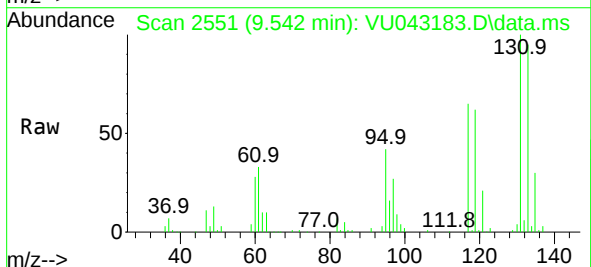
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

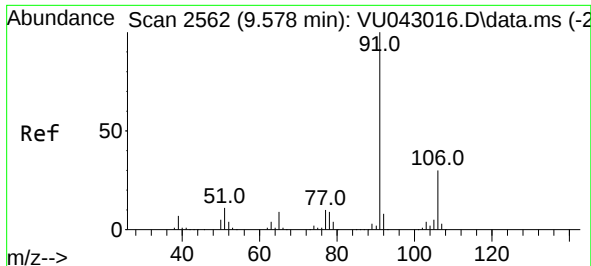
Tgt Ion:112 Resp: 187856  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.69 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:131 Resp: 74361  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.6 142.9  
119 62.6 31.9 95.5

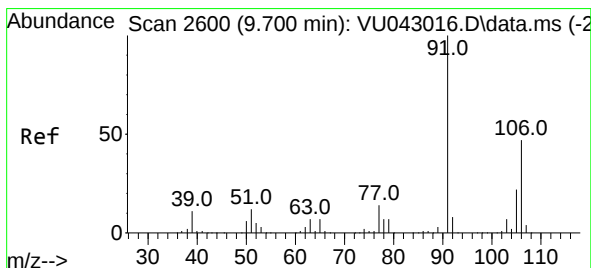
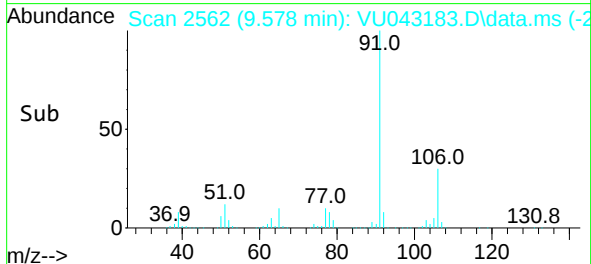
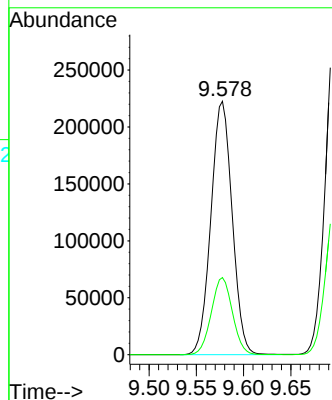
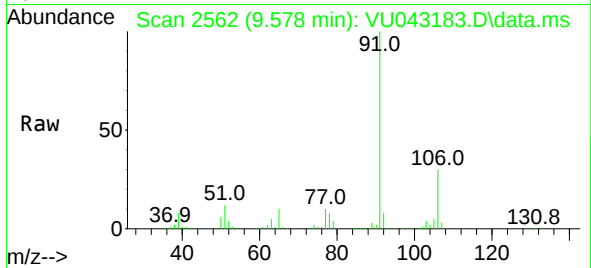




#67  
Ethyl Benzene  
Concen: 51.29 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

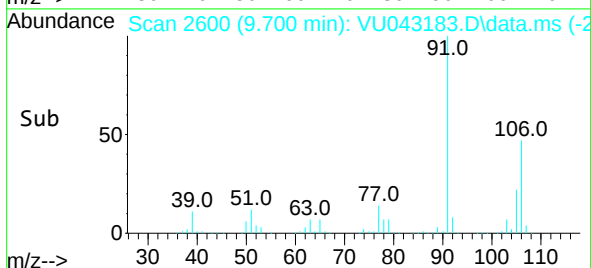
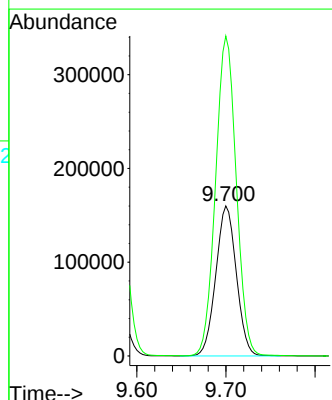
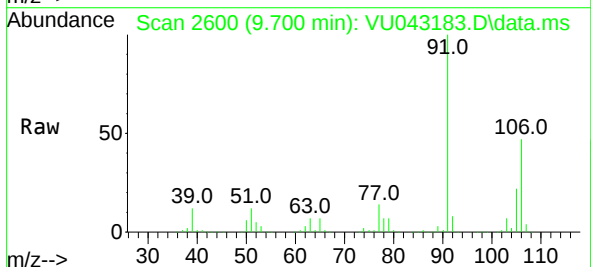
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

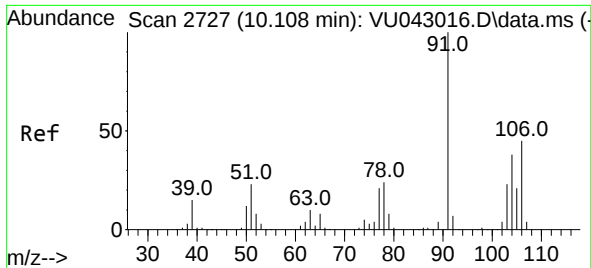
Tgt Ion: 91 Resp: 348306  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.1 36.1



#68  
m/p-Xylenes  
Concen: 101.97 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:106 Resp: 256200  
Ion Ratio Lower Upper  
106 100  
91 215.0 169.9 254.9

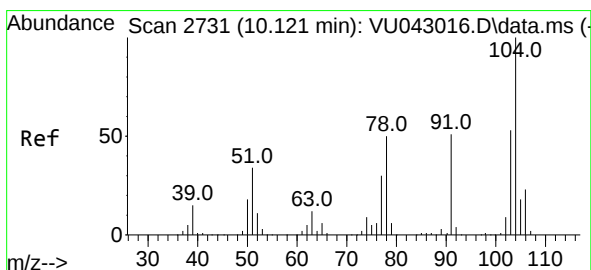
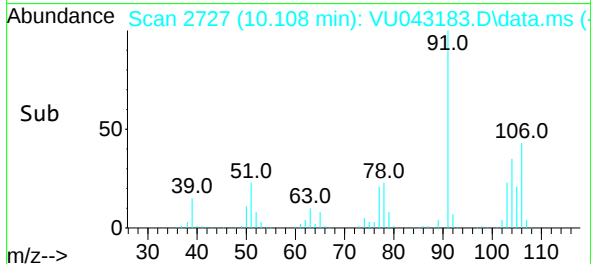
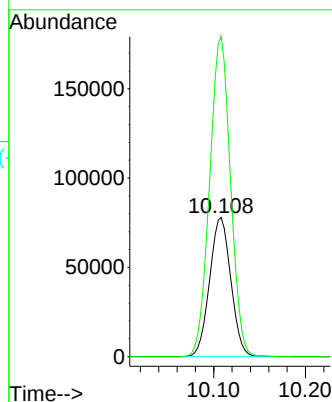
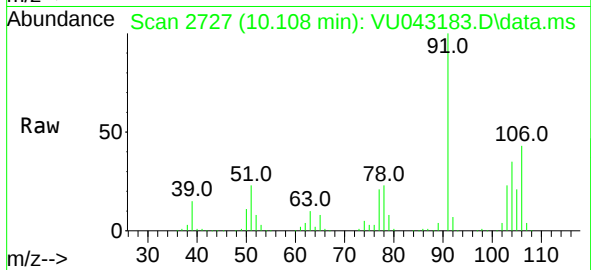




#69  
o-Xylene  
Concen: 51.19 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

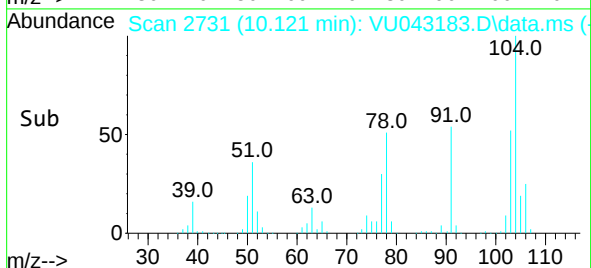
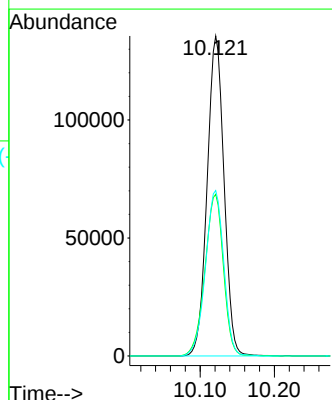
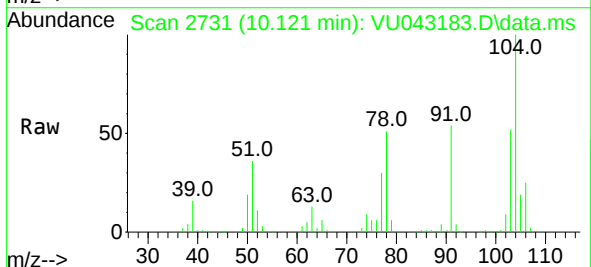
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

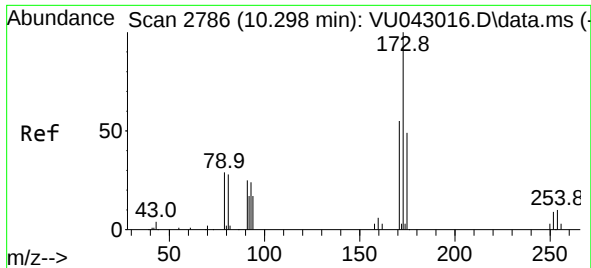
Tgt Ion:106 Resp: 125537  
Ion Ratio Lower Upper  
106 100  
91 226.7 111.2 333.6



#70  
Styrene  
Concen: 51.78 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:104 Resp: 213830  
Ion Ratio Lower Upper  
104 100  
78 55.3 44.8 67.2  
103 56.2 45.7 68.5

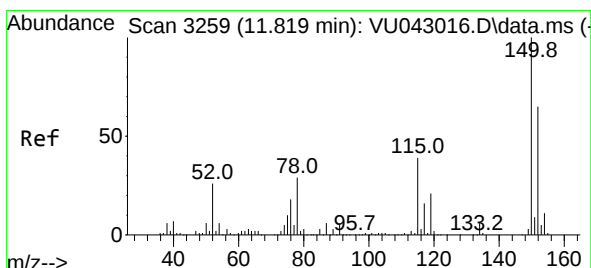
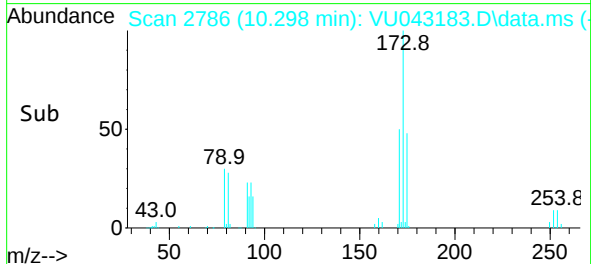
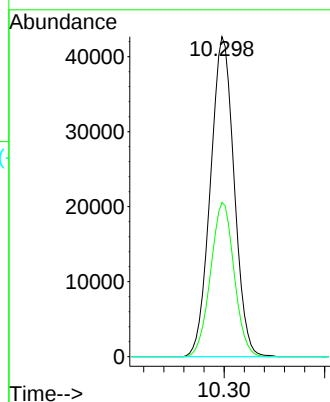
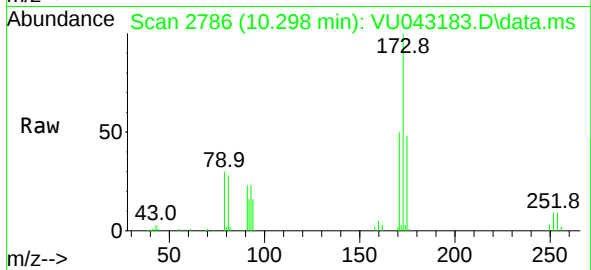




#71  
Bromoform  
Concen: 47.01 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

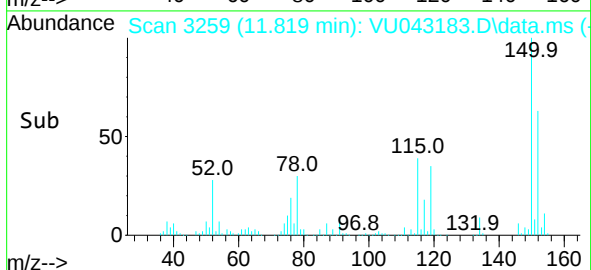
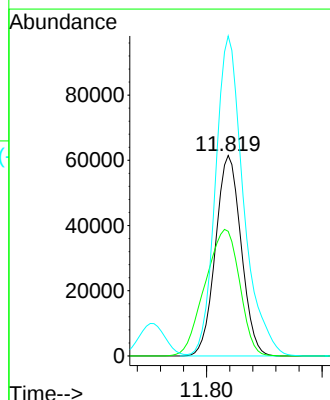
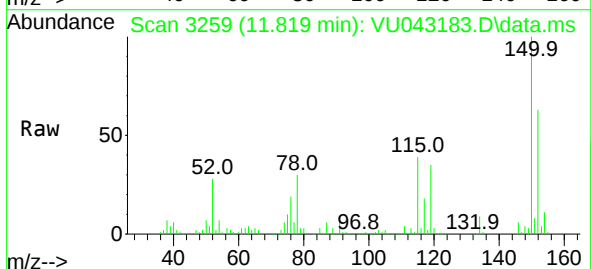
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

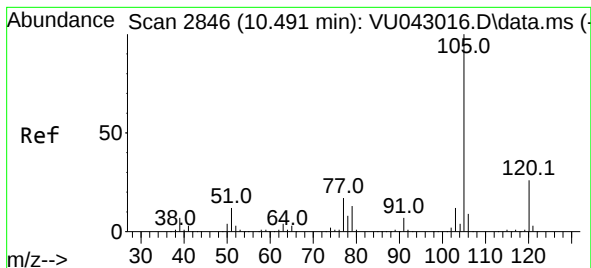
Tgt Ion:173 Resp: 69684  
Ion Ratio Lower Upper  
173 100  
175 48.0 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:152 Resp: 94811  
Ion Ratio Lower Upper  
152 100  
115 84.9 41.5 124.6  
150 174.2 0.0 342.4





#73

Isopropylbenzene

Concen: 54.36 ug/l

RT: 10.491 min Scan# 2846

Delta R.T. -0.000 min

Lab File: VU043183.D

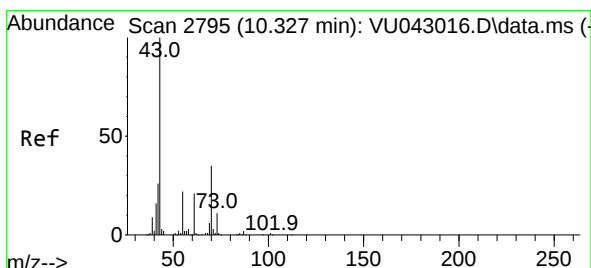
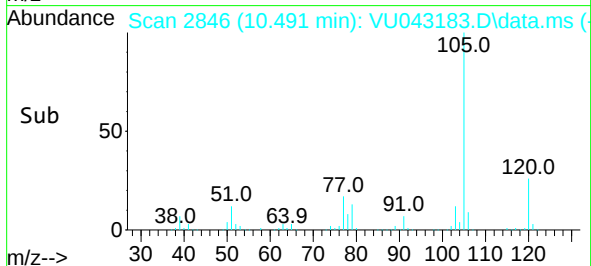
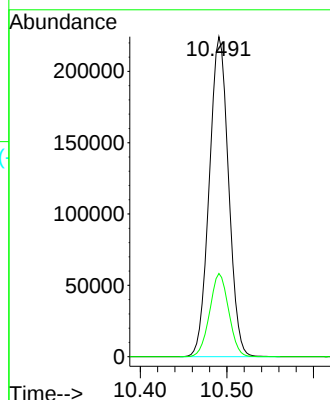
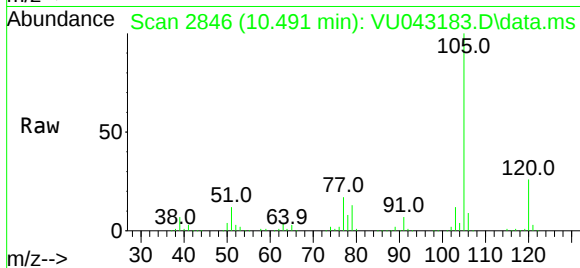
Acq: 16 Apr 2021 20:51

Tgt Ion:105 Resp: 345932

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



#74

N-ethyl acetate

Concen: 52.20 ug/l

RT: 10.327 min Scan# 2795

Delta R.T. -0.000 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

Tgt Ion: 43 Resp: 213425

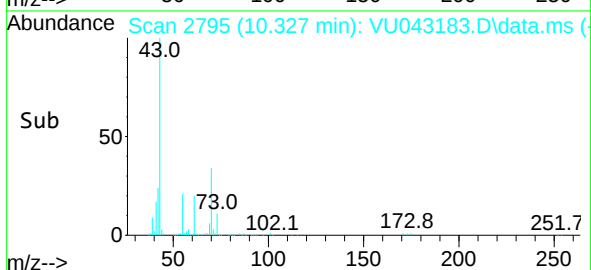
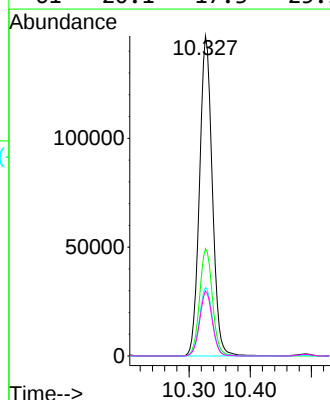
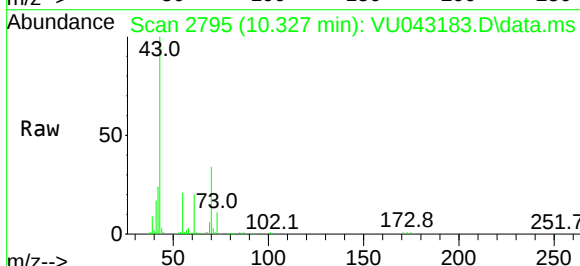
Ion Ratio Lower Upper

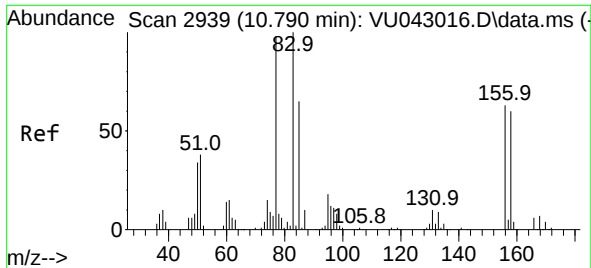
43 100

70 33.7 28.3 42.5

55 21.7 17.2 25.8

61 20.1 17.3 25.9

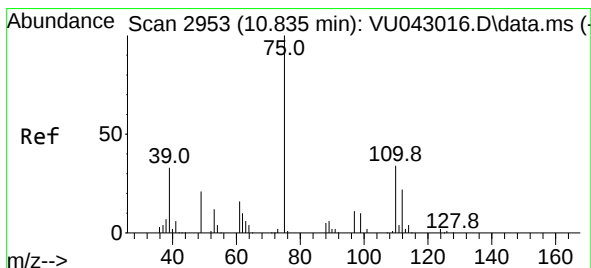
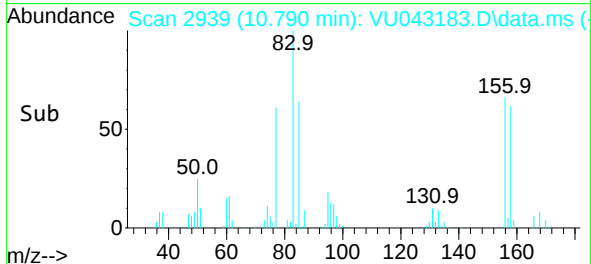
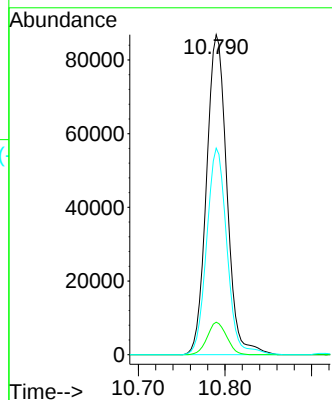
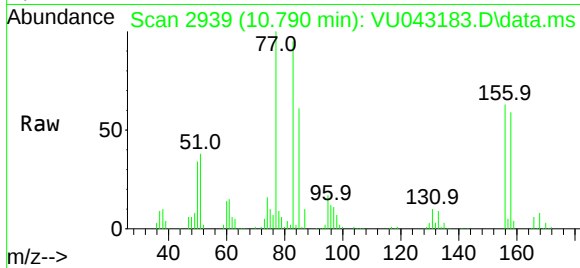




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.14 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

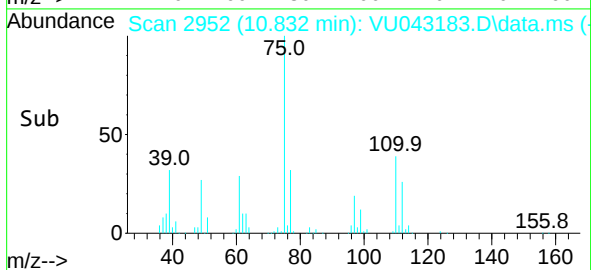
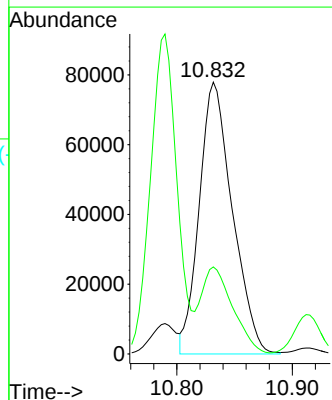
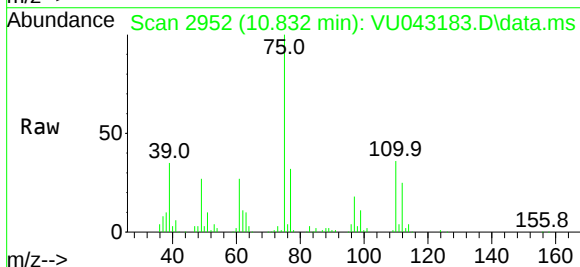
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

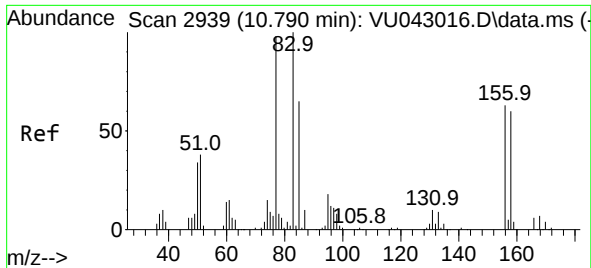
Tgt Ion: 83 Resp: 141689  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.1 15.2  
85 64.3 31.7 95.1



#76  
1,2,3-Trichloropropane  
Concen: 56.09 ug/l  
RT: 10.832 min Scan# 2952  
Delta R.T. -0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 75 Resp: 155388  
Ion Ratio Lower Upper  
75 100  
77 30.2 20.2 60.5

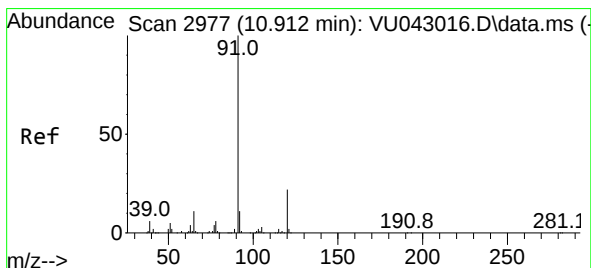
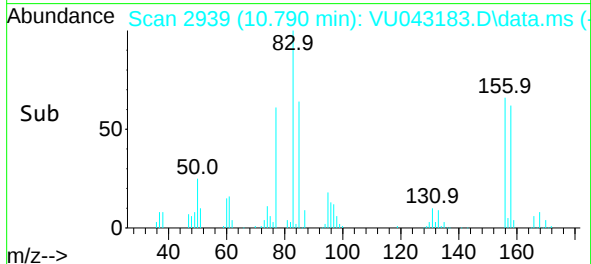
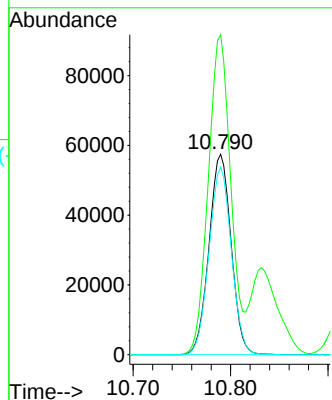
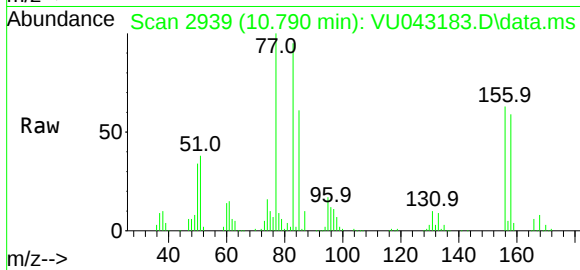




#77  
Bromobenzene  
Concen: 51.19 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

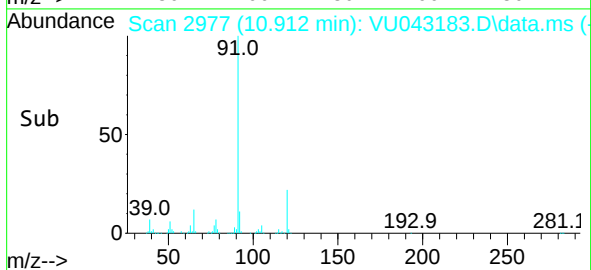
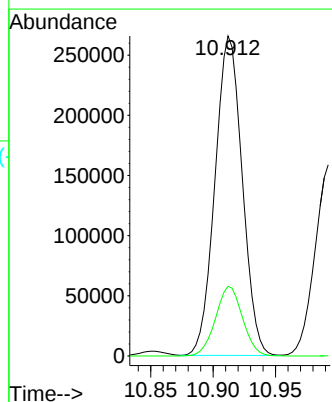
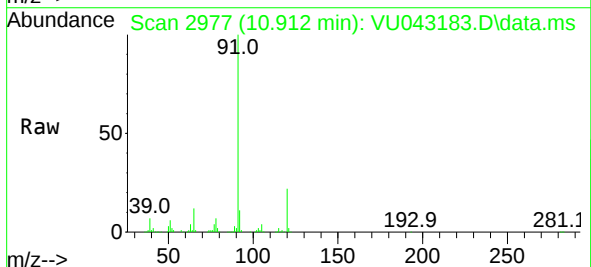
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

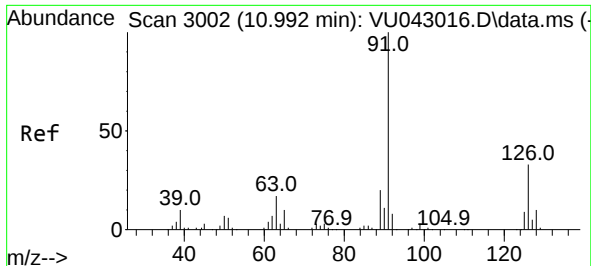
Tgt Ion:156 Resp: 90747  
Ion Ratio Lower Upper  
156 100  
77 162.9 79.3 238.1  
158 94.5 48.3 144.9



#78  
n-propylbenzene  
Concen: 52.93 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 91 Resp: 403301  
Ion Ratio Lower Upper  
91 100  
120 21.6 11.2 33.6

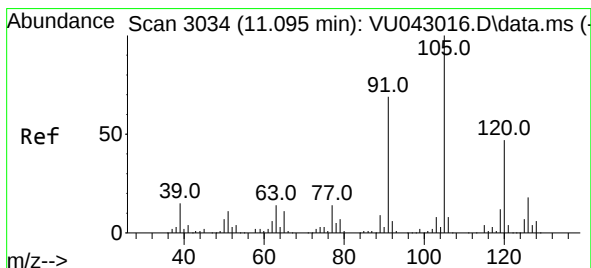
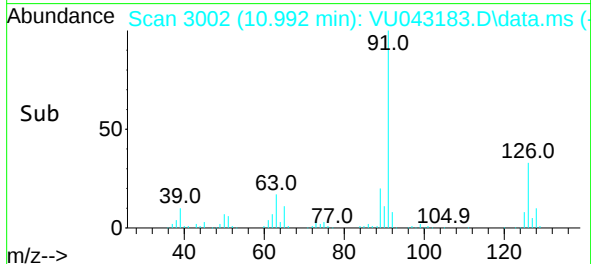
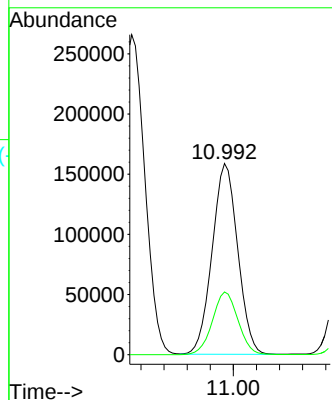
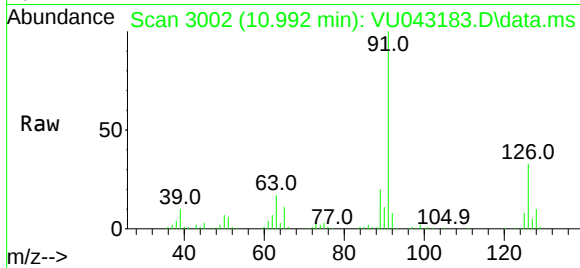




#79  
2-Chlorotoluene  
Concen: 52.68 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

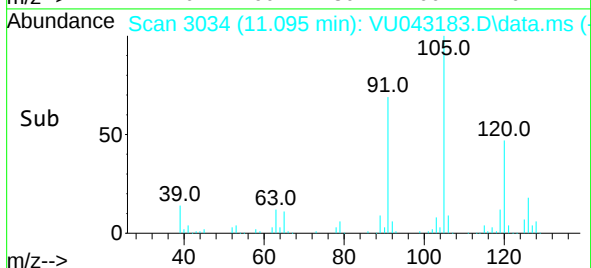
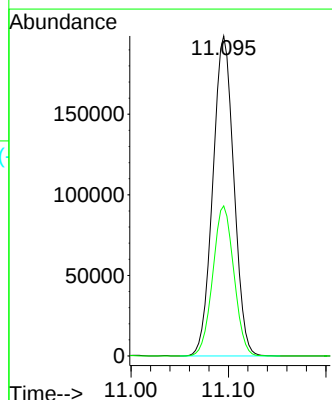
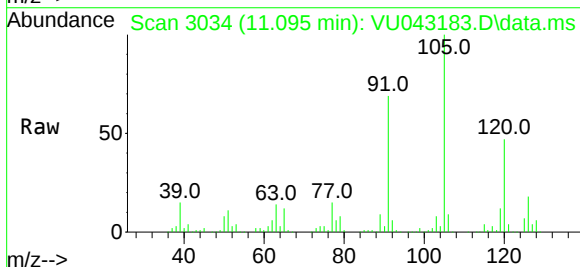
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

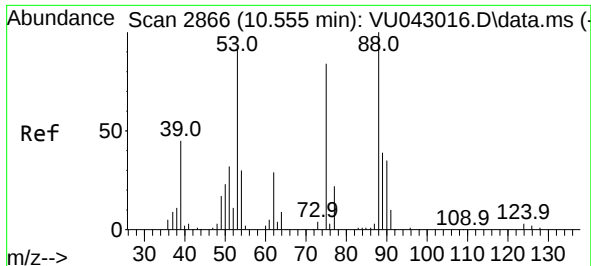
Tgt Ion: 91 Resp: 243918  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.7 50.0



#80  
1,3,5-Trimethylbenzene  
Concen: 52.93 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 105 Resp: 297303  
Ion Ratio Lower Upper  
105 100  
120 47.1 23.8 71.4

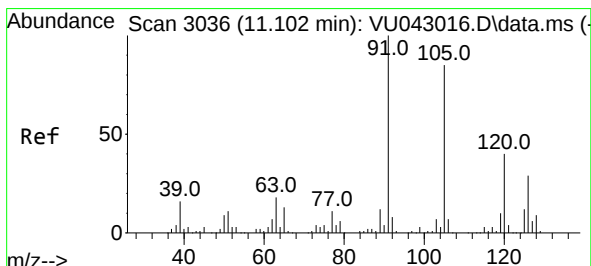
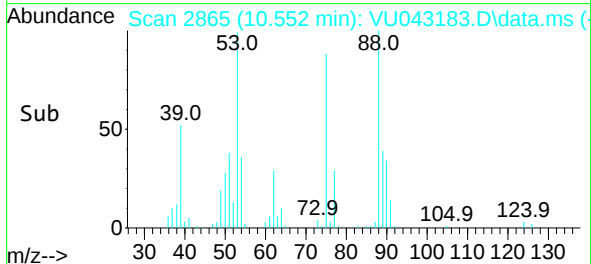
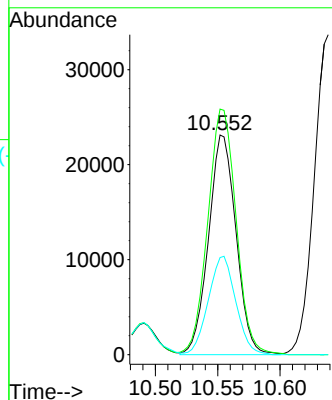
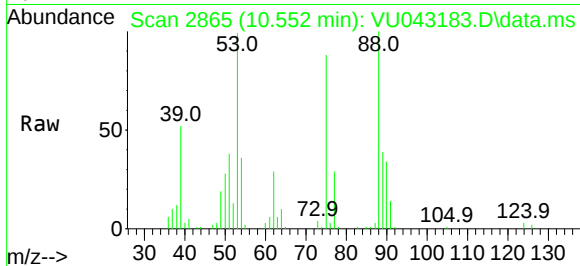




#81  
trans-1,4-Dichloro-2-butene  
Concen: 37.71 ug/l  
RT: 10.552 min Scan# 2865  
Delta R.T. -0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

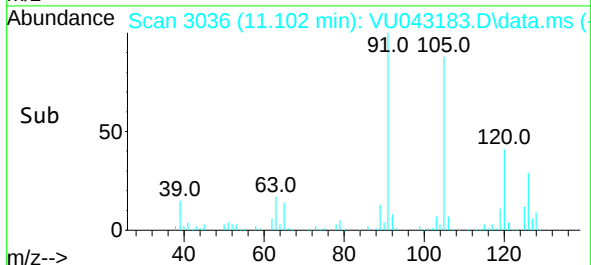
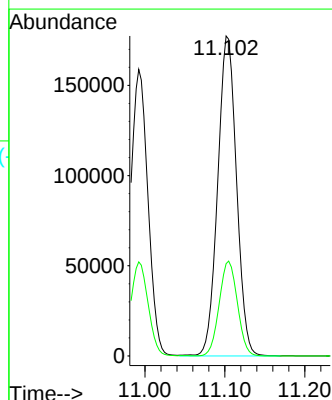
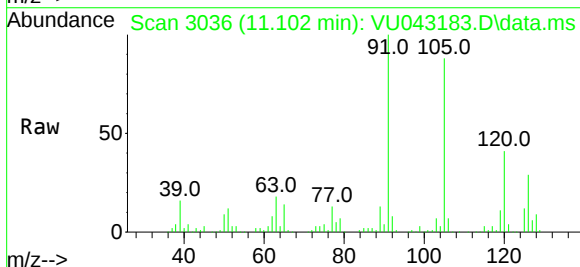
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

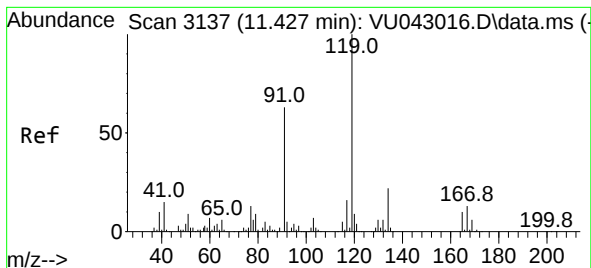
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 115.2 | 85.6  | 128.4 |
| 89      | 44.7  | 35.7  | 53.5  |



#82  
4-Chlorotoluene  
Concen: 51.99 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 28.6  | 14.6  | 44.0  |

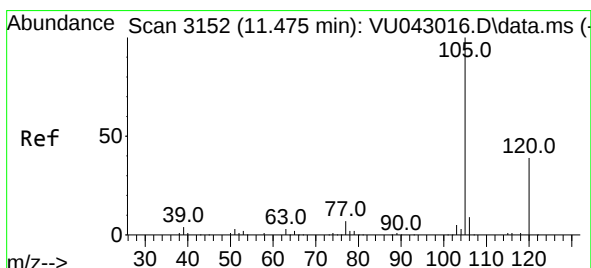
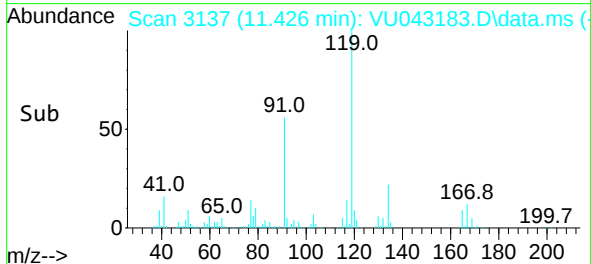
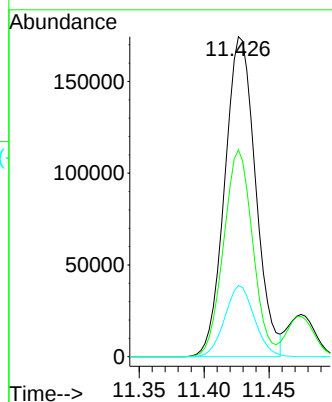
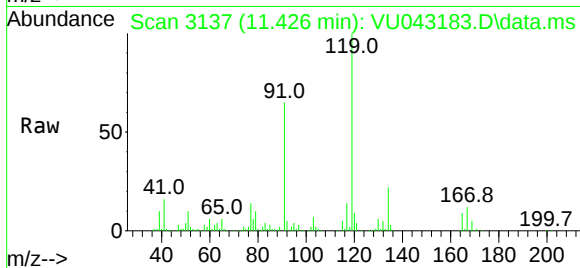




#83  
tert-Butylbenzene  
Concen: 52.21 ug/l  
RT: 11.426 min Scan# 3137  
Delta R.T. -0.001 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

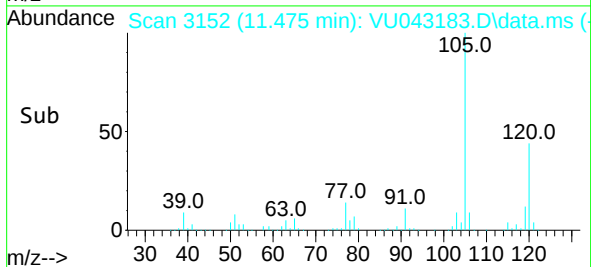
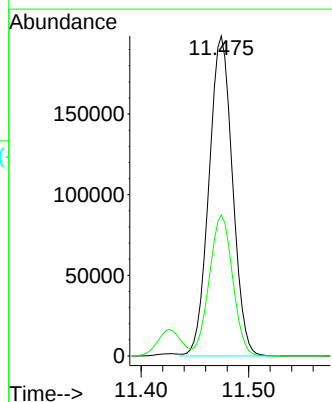
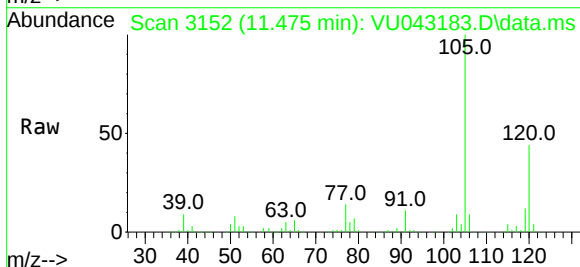
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

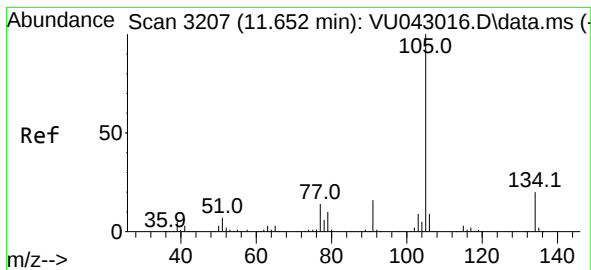
Tgt Ion:119 Resp: 288304  
Ion Ratio Lower Upper  
119 100  
91 60.9 30.3 90.9  
134 21.3 11.4 34.1



#84  
1,2,4-Trimethylbenzene  
Concen: 52.25 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:105 Resp: 301565  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.3 66.8

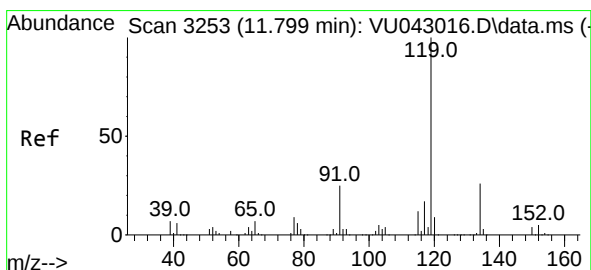
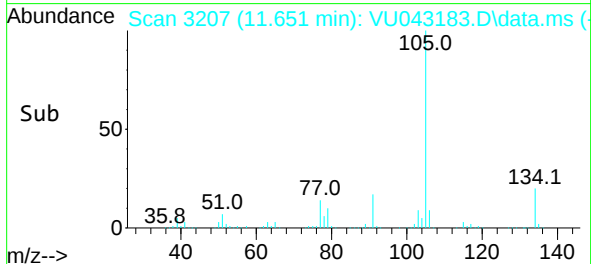
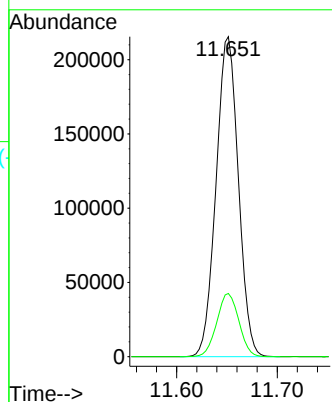
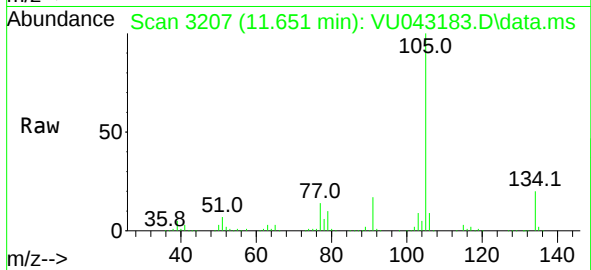




#85  
 sec-Butylbenzene  
 Concen: 51.23 ug/l  
 RT: 11.651 min Scan# 3207  
 Delta R.T. -0.001 min  
 Lab File: VU043183.D  
 Acq: 16 Apr 2021 20:51

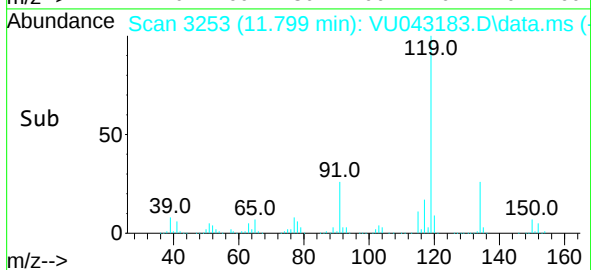
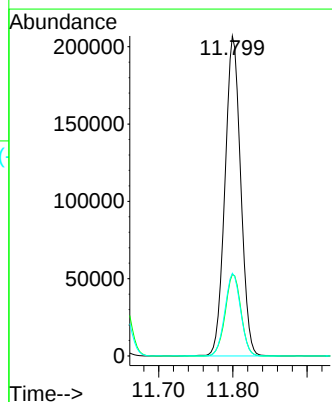
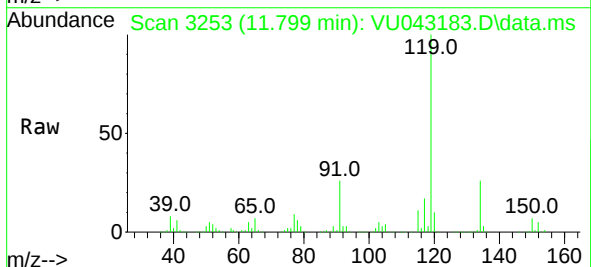
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 MSVOA\_U  
 ClientSampleId :  
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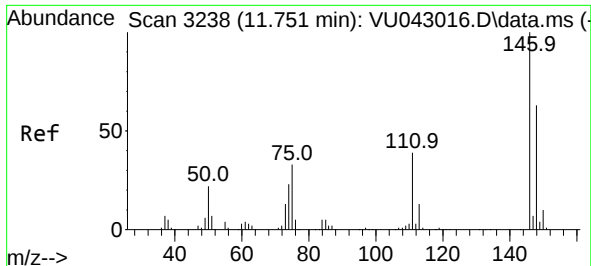
Tgt Ion:105 Resp: 331583  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 51.23 ug/l  
 RT: 11.799 min Scan# 3253  
 Delta R.T. 0.000 min  
 Lab File: VU043183.D  
 Acq: 16 Apr 2021 20:51

Tgt Ion:119 Resp: 305190  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.2 39.6  
 91 25.8 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 49.46 ug/l

RT: 11.751 min Scan# 3238

Delta R.T. 0.000 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

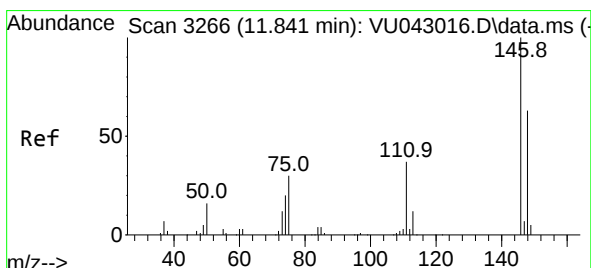
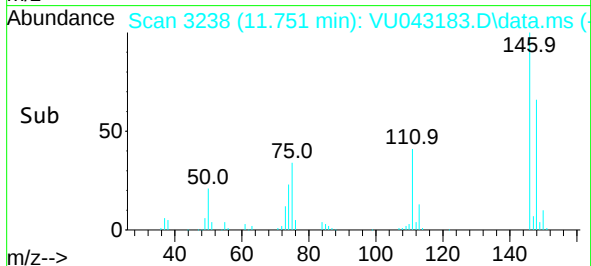
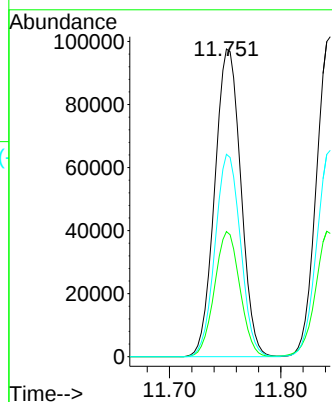
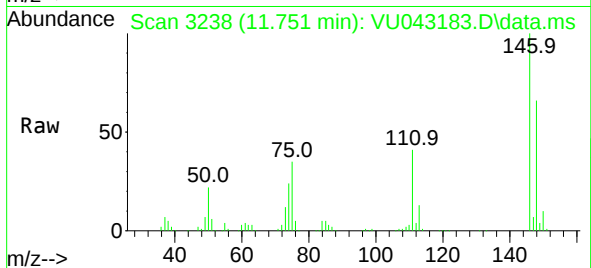
Tgt Ion:146 Resp: 158931

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.6

148 64.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.70 ug/l

RT: 11.844 min Scan# 3267

Delta R.T. 0.003 min

Lab File: VU043183.D

Acq: 16 Apr 2021 20:51

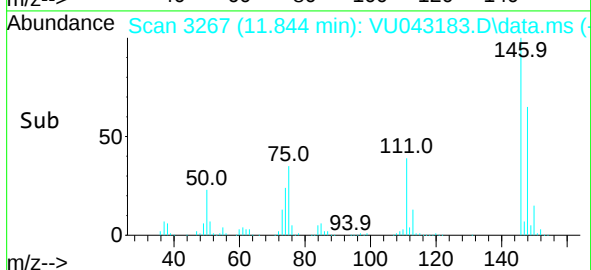
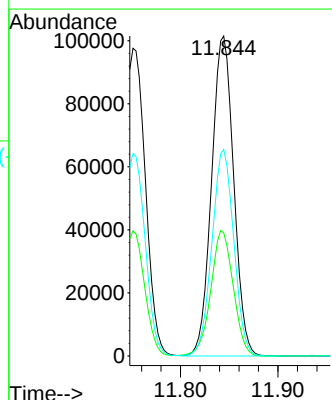
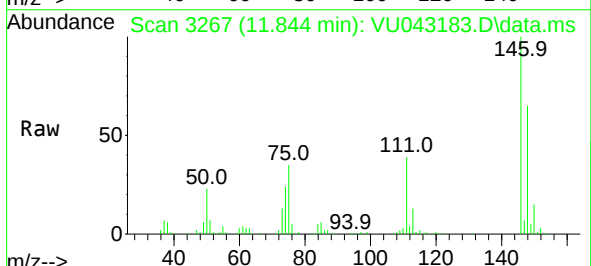
Tgt Ion:146 Resp: 159885

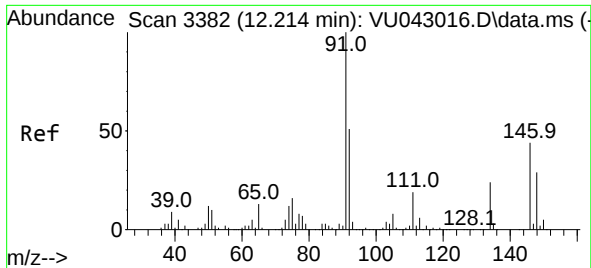
Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

148 64.1 32.8 98.3

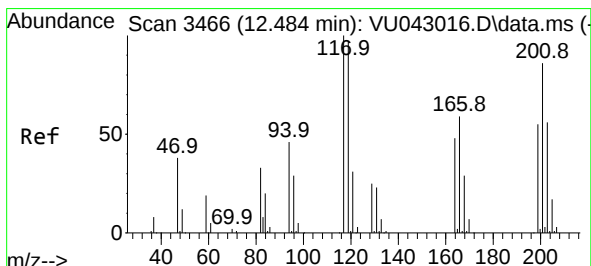
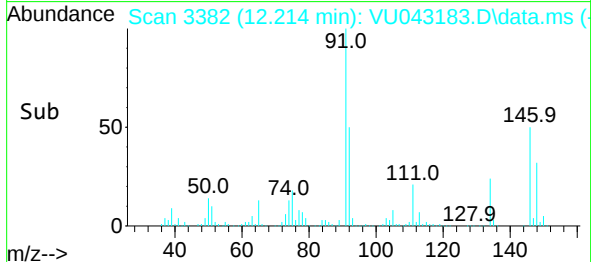
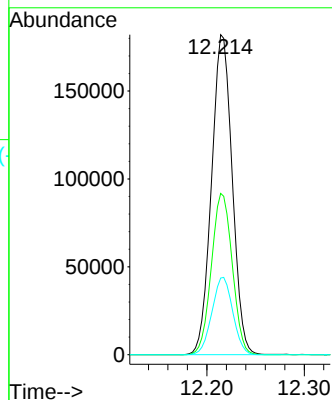
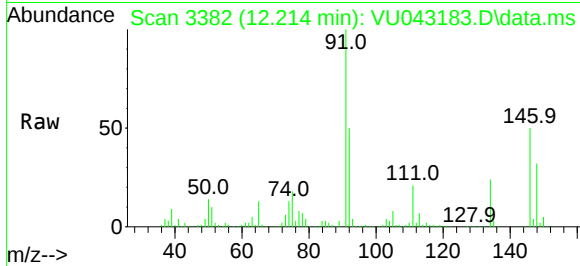




#89  
n-Butylbenzene  
Concen: 48.11 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

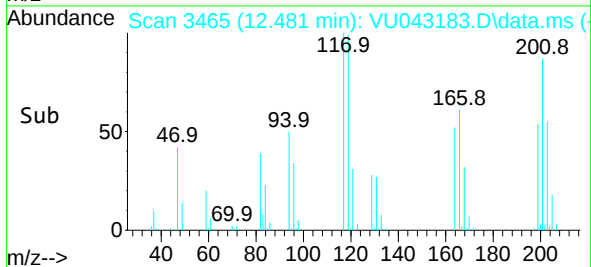
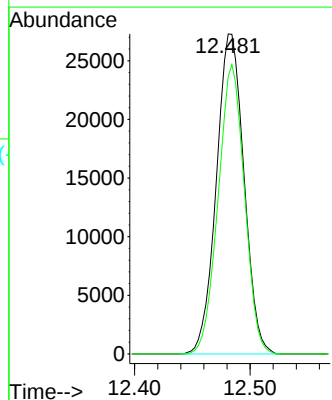
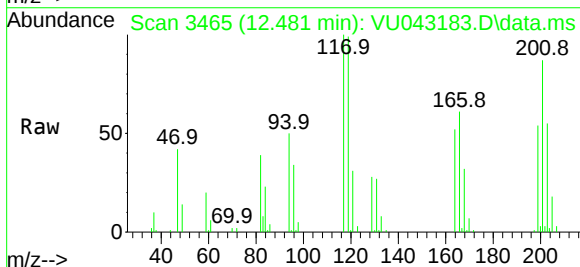
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

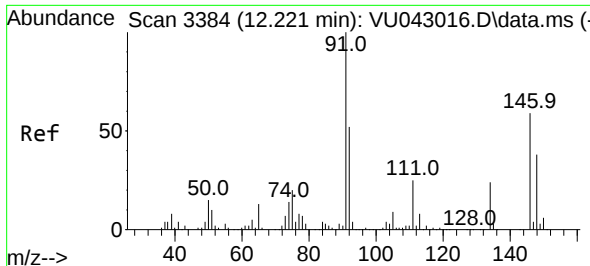
Tgt Ion: 91 Resp: 268441  
Ion Ratio Lower Upper  
91 100  
92 50.7 26.2 78.6  
134 24.3 12.7 38.1



#90  
Hexachloroethane  
Concen: 40.56 ug/l  
RT: 12.481 min Scan# 3465  
Delta R.T. -0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 117 Resp: 45298  
Ion Ratio Lower Upper  
117 100  
201 85.9 43.5 130.7

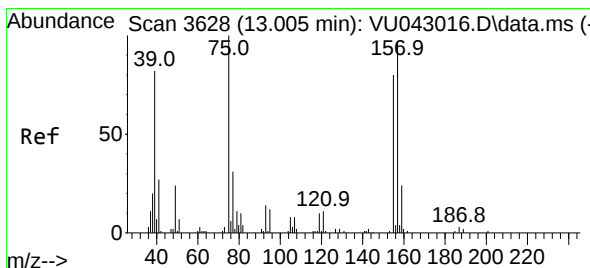
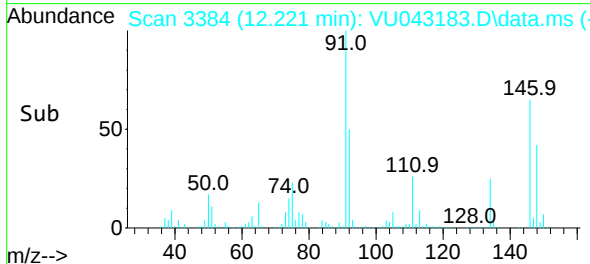
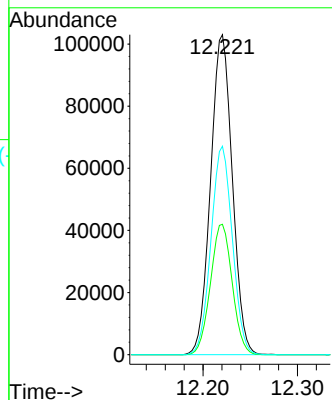
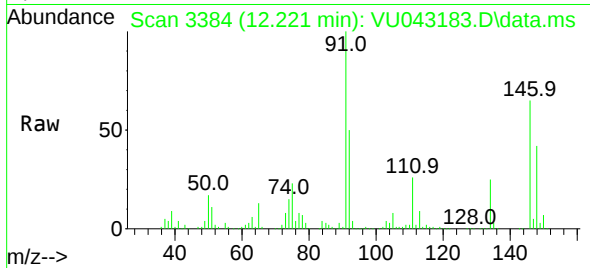




#91  
1,2-Dichlorobenzene  
Concen: 50.08 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

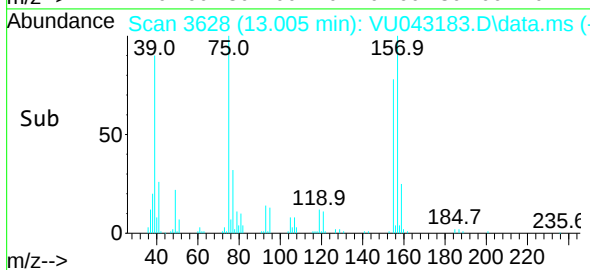
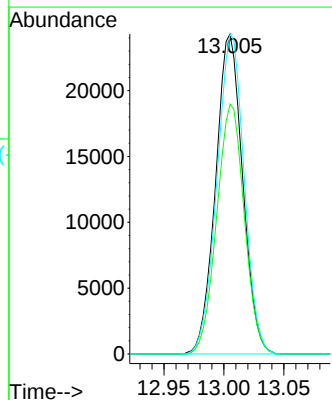
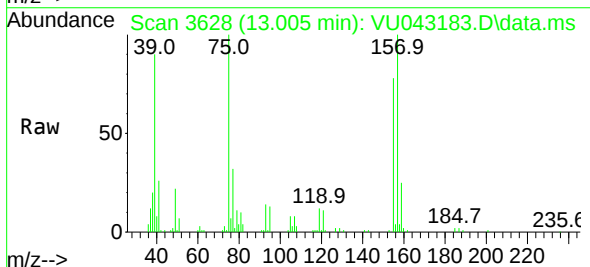
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

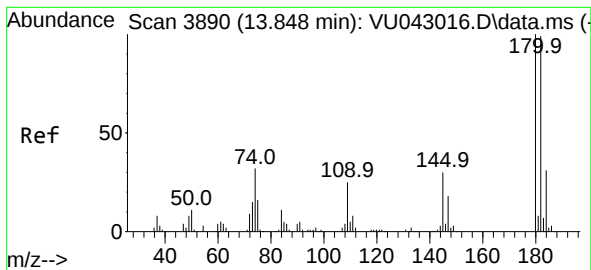
Tgt Ion:146 Resp: 164448  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.8 62.4  
148 64.3 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.50 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion: 75 Resp: 38045  
Ion Ratio Lower Upper  
75 100  
155 79.5 41.7 125.1  
157 100.5 53.9 161.7

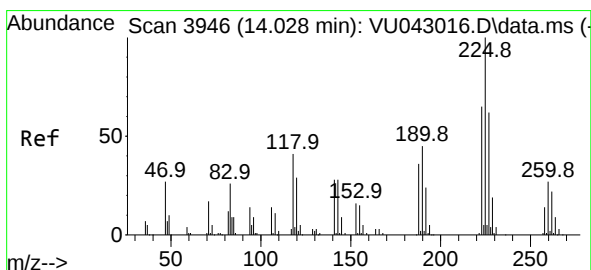
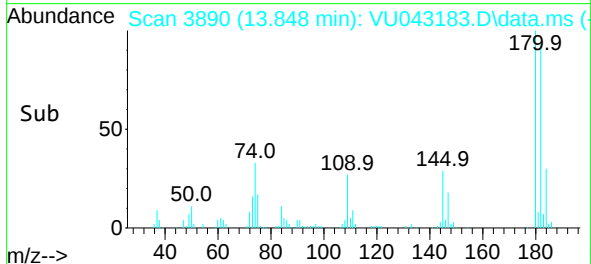
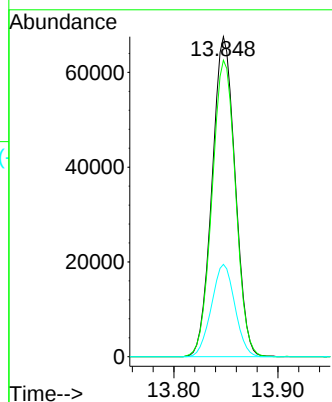
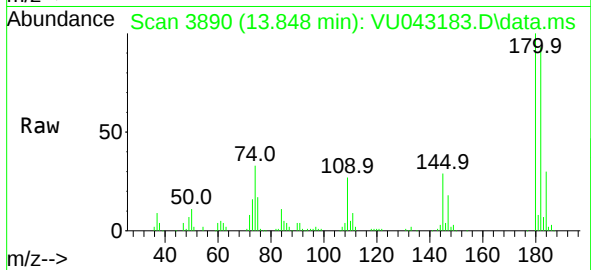




#93  
1,2,4-Trichlorobenzene  
Concen: 48.02 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.001 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

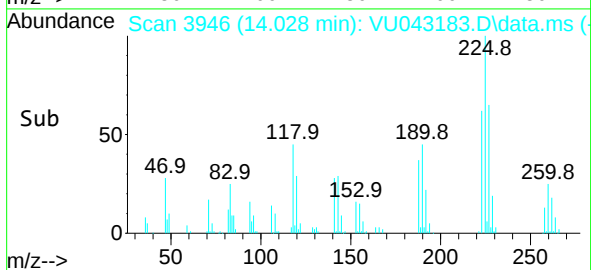
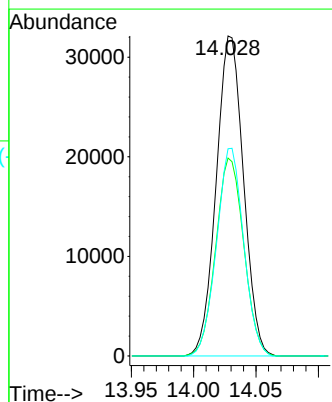
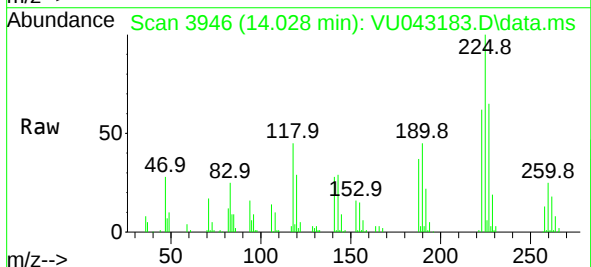
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

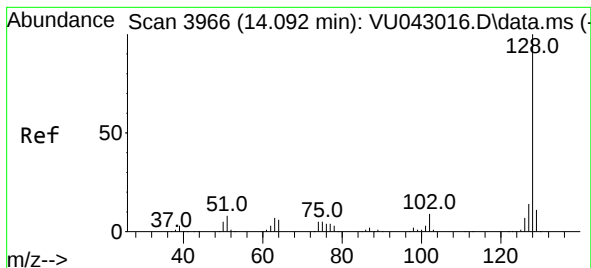
Tgt Ion:180 Resp: 104113  
Ion Ratio Lower Upper  
180 100  
182 94.4 46.9 140.8  
145 29.3 14.4 43.4



#94  
Hexachlorobutadiene  
Concen: 45.05 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

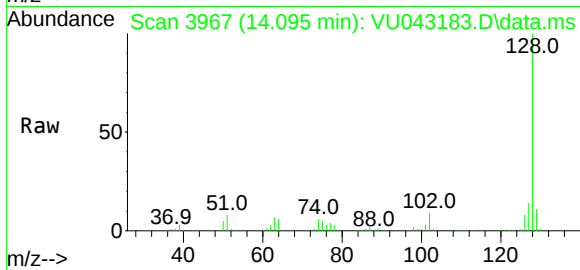
Tgt Ion:225 Resp: 49001  
Ion Ratio Lower Upper  
225 100  
223 63.5 32.3 96.9  
227 64.4 31.8 95.4



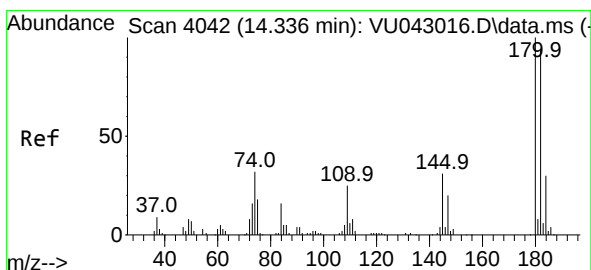
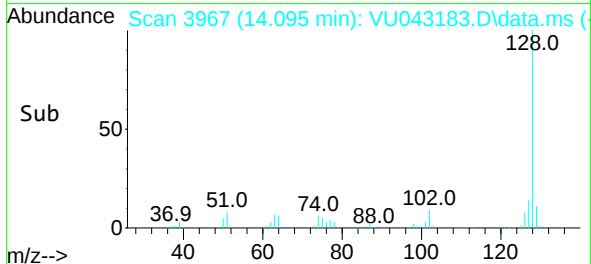
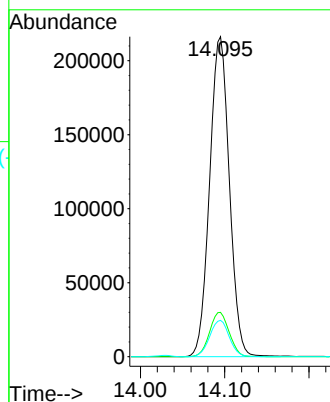


#95  
Naphthalene  
Concen: 51.17 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:128 Resp: 351409  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.8 16.2  
129 11.3 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 49.96 ug/l  
RT: 14.339 min Scan# 4043  
Delta R.T. 0.003 min  
Lab File: VU043183.D  
Acq: 16 Apr 2021 20:51

Tgt Ion:180 Resp: 105153  
Ion Ratio Lower Upper  
180 100  
182 97.6 48.0 144.0  
145 31.3 15.5 46.5

