

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051921\  
 Data File : VX022084.D  
 Acq On : 19 May 2021 13:03  
 Operator : JC/MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Quant Time: May 19 13:28:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 13:11:40 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 93978    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 183439   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.061 | 117  | 168651   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 74450    | 50.00 | ug/l  | # 0.00   |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 220801   | 146.07   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 292.14%# |      |
| 35) Dibromofluoromethane    | 5.397  | 113   | 176586   | 143.30   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 286.60%# |      |
| 50) Toluene-d8              | 8.653  | 98    | 693888   | 147.74   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 295.48%# |      |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 258569   | 141.01   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 282.02%# |      |

|                              |       |     |         |        |      |      |
|------------------------------|-------|-----|---------|--------|------|------|
| Target Compounds             |       |     |         | Qvalue |      |      |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 175080  | 142.50 | ug/l | 100  |
| 3) Chloromethane             | 1.288 | 50  | 191752  | 131.74 | ug/l | 99   |
| 4) Vinyl Chloride            | 1.374 | 62  | 203662  | 122.38 | ug/l | 100  |
| 5) Bromomethane              | 1.611 | 94  | 111606  | 170.33 | ug/l | 99   |
| 6) Chloroethane              | 1.678 | 64  | 88132   | 100.72 | ug/l | 98   |
| 7) Trichlorofluoromethane    | 1.880 | 101 | 294853  | 128.17 | ug/l | 96   |
| 8) Diethyl Ether             | 2.136 | 74  | 124228  | 127.99 | ug/l | 87   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 168409  | 140.26 | ug/l | 93   |
| 10) Methyl Iodide            | 2.453 | 142 | 197898  | 143.32 | ug/l | 96   |
| 11) Tert butyl alcohol       | 2.995 | 59  | 67869   | 169.87 | ug/l | # 73 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 168529  | 134.05 | ug/l | 100  |
| 13) Acrolein                 | 2.239 | 56  | 163809  | 761.68 | ug/l | 99   |
| 14) Allyl chloride           | 2.666 | 41  | 313812  | 136.57 | ug/l | 98   |
| 15) Acrylonitrile            | 3.075 | 53  | 524058  | 688.71 | ug/l | 99   |
| 16) Acetone                  | 2.392 | 43  | 456651  | 666.44 | ug/l | 99   |
| 17) Carbon Disulfide         | 2.514 | 76  | 431307  | 125.81 | ug/l | 99   |
| 18) Methyl Acetate           | 2.709 | 43  | 257068  | 135.92 | ug/l | 95   |
| 19) Methyl tert-butyl Ether  | 3.123 | 73  | 579475  | 143.10 | ug/l | 100  |
| 20) Methylene Chloride       | 2.794 | 84  | 199423  | 122.11 | ug/l | 94   |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 184975  | 137.93 | ug/l | 98   |
| 22) Diisopropyl ether        | 3.770 | 45  | 640071  | 149.37 | ug/l | 96   |
| 23) Vinyl Acetate            | 3.733 | 43  | 3078104 | 733.80 | ug/l | 96   |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 354408  | 143.17 | ug/l | 99   |
| 25) 2-Butanone               | 4.574 | 43  | 806293  | 688.70 | ug/l | 93   |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 299958  | 135.49 | ug/l | 100  |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 226857  | 142.37 | ug/l | 99   |
| 28) Bromochloromethane       | 4.910 | 49  | 169721  | 150.20 | ug/l | 85   |
| 29) Tetrahydrofuran          | 5.019 | 42  | 489323  | 705.92 | ug/l | 90   |
| 30) Chloroform               | 5.105 | 83  | 359445  | 142.11 | ug/l | 99   |
| 31) Cyclohexane              | 5.477 | 56  | 280219  | 139.35 | ug/l | 97   |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 310201  | 139.96 | ug/l | 99   |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 265967  | 137.98 | ug/l | 99   |
| 37) Ethyl Acetate            | 4.727 | 43  | 325333  | 141.03 | ug/l | 96   |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 265791  | 138.28 | ug/l | 98   |
| 39) Methylcyclohexane        | 7.385 | 83  | 291559  | 135.59 | ug/l | 97   |
| 40) Benzene                  | 6.050 | 78  | 814254  | 140.77 | ug/l | 99   |

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 Acq On : 19 May 2021 13:03  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Quant Time: May 19 13:28:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 13:11:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 179574   | 143.51  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 282780   | 142.32  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 544141   | 139.49  | ug/l   | 95       |
| 44) Trichloroethene           | 7.135  | 130  | 201888   | 143.21  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 213800   | 140.66  | ug/l   | 99       |
| 46) Dibromomethane            | 7.586  | 93   | 142352   | 138.00  | ug/l # | 88       |
| 47) Bromodichloromethane      | 7.830  | 83   | 294666   | 142.33  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.702  | 41   | 252874   | 140.77  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.690  | 88   | 91376    | 2432.04 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.586  | 43   | 1614645  | 667.18  | ug/l   | 93       |
| 52) Toluene                   | 8.726  | 92   | 519545   | 140.85  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 353199   | 147.07  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 365819   | 145.22  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 212000   | 143.24  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 352742   | 136.19  | ug/l # | 89       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 363790   | 144.16  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.250  | 63   | 914953   | 722.55  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.439  | 43   | 1198483  | 645.96  | ug/l   | 91       |
| 60) Dibromochloromethane      | 9.525  | 129  | 220502   | 139.27  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 221173   | 143.83  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.281  | 164  | 161602   | 146.83  | ug/l # | 91       |
| 65) Chlorobenzene             | 10.086 | 112  | 544410   | 140.98  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 197297   | 138.94  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.201 | 91   | 1002661  | 141.01  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 746181   | 276.02  | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 368946   | 136.14  | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 637499   | 142.69  | ug/l   | 98       |
| 71) Bromoform                 | 10.805 | 173  | 142680   | 133.97  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.970 | 105  | 979998   | 146.74  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 492349   | 139.57  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 11.219 | 83   | 322173   | 131.47  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 390098   | 187.36  | ug/l   | 89       |
| 77) Bromobenzene              | 11.201 | 156  | 205219   | 142.72  | ug/l   | 89       |
| 78) n-propylbenzene           | 11.311 | 91   | 1175562  | 148.80  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.372 | 91   | 677890   | 141.74  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 813510   | 142.47  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 124254   | 139.37  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 792067   | 144.00  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 761373   | 137.61  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 821013   | 143.24  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 1005980  | 147.45  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 834476   | 144.12  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 390865   | 143.66  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 395043   | 140.99  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 814619   | 152.77  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 146136   | 139.77  | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 365581   | 136.82  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 73333    | 124.79  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 238425   | 147.82  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.731 | 225  | 86917    | 138.36  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 955722   | 145.98  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 237943   | 145.86  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051921\  
Data File : VX022084.D  
Acq On : 19 May 2021 13:03  
Operator : JC/MD  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

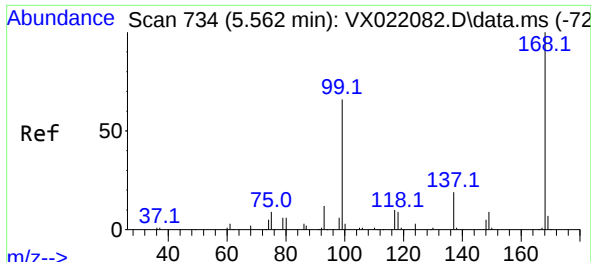
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Quant Time: May 19 13:28:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 13:11:40 2021  
Response via : Initial Calibration

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

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

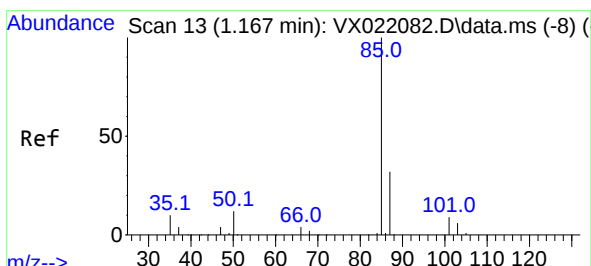
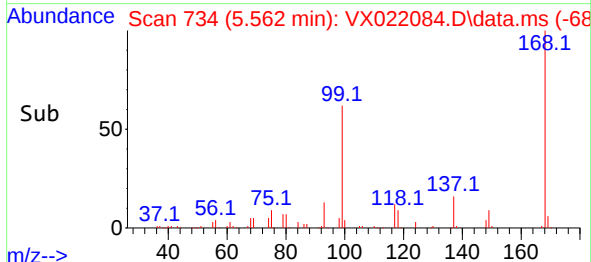
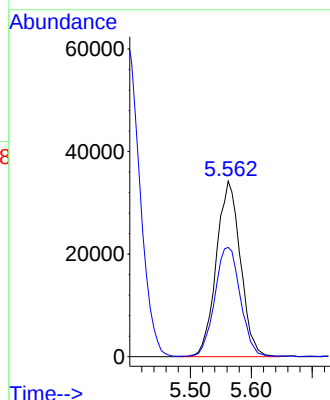
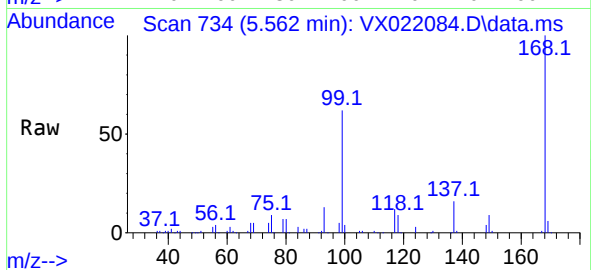




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

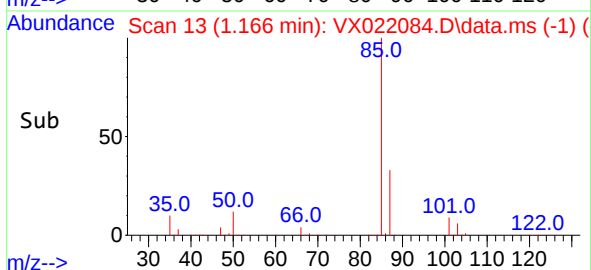
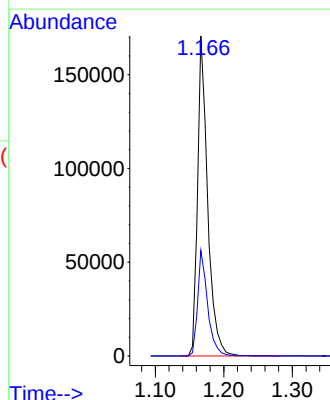
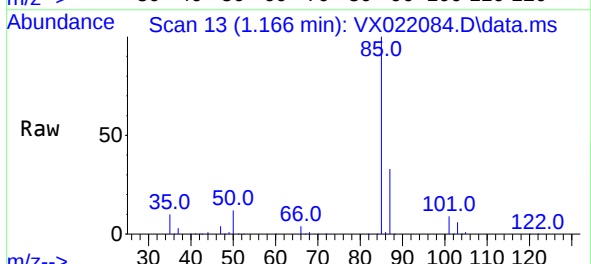
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

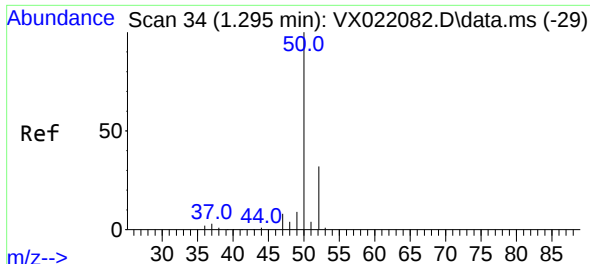
Tgt Ion:168 Resp: 93978  
Ion Ratio Lower Upper  
168 100  
99 62.0 45.8 68.6



#2  
Dichlorodifluoromethane  
Concen: 142.50 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 85 Resp: 175080  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.4 49.2

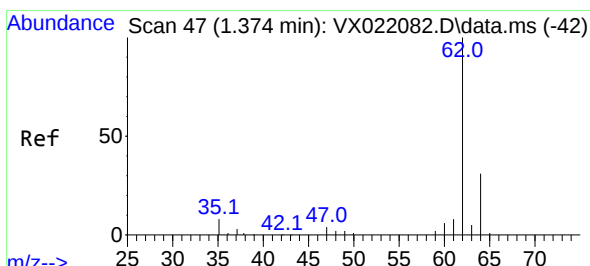
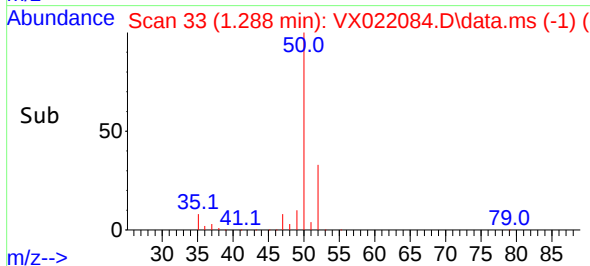
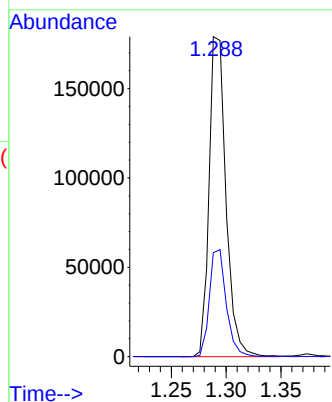
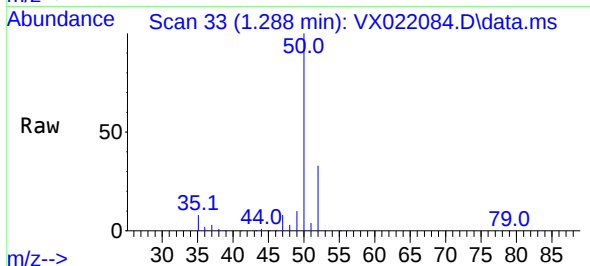




#3  
Chloromethane  
Concen: 131.74 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. -0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

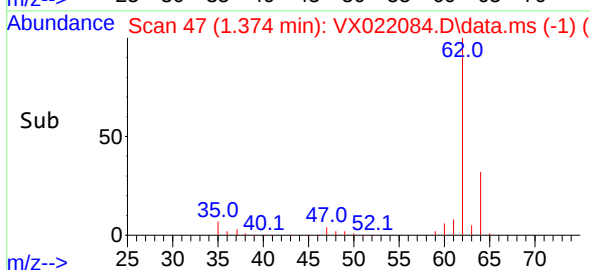
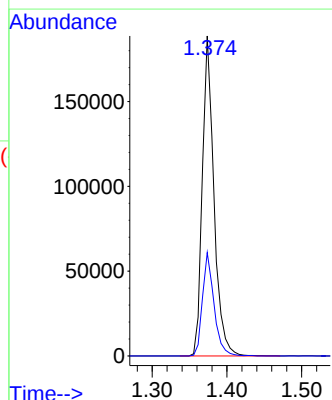
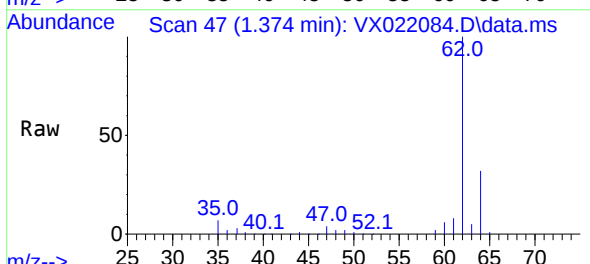
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

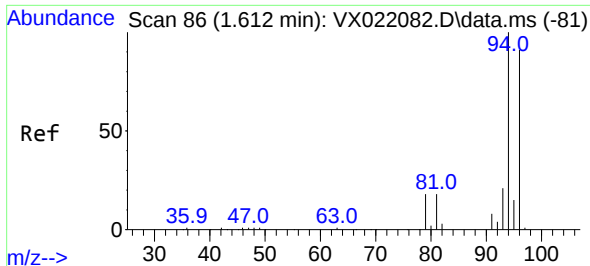
Tgt Ion: 50 Resp: 191752  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.4 39.6



#4  
Vinyl Chloride  
Concen: 122.38 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 62 Resp: 203662  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.7 38.5

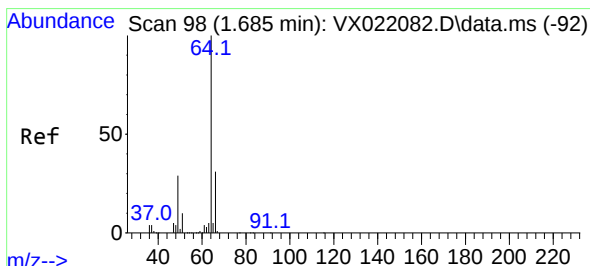
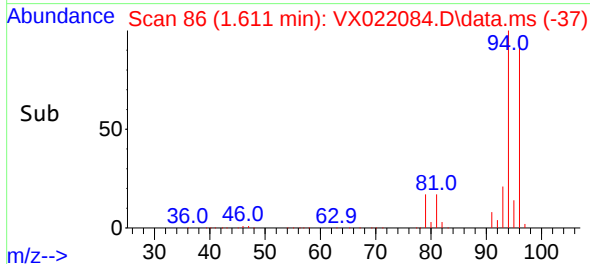
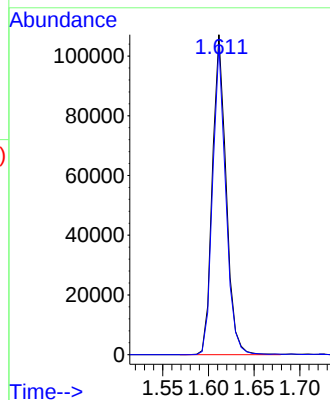
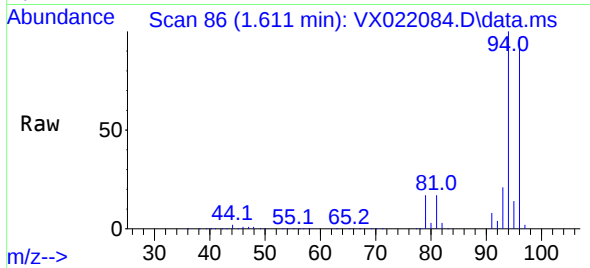




#5  
Bromomethane  
Concen: 170.33 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

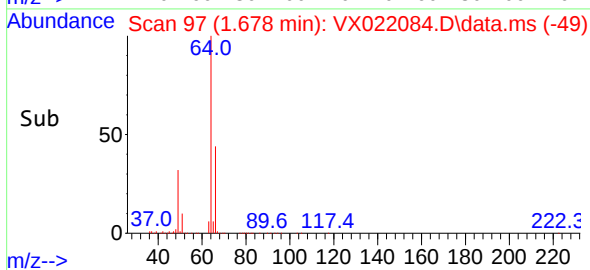
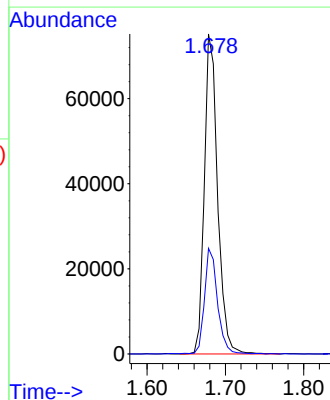
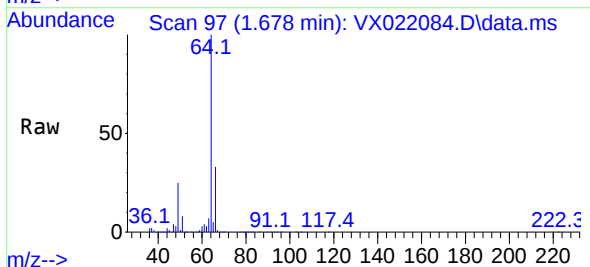
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

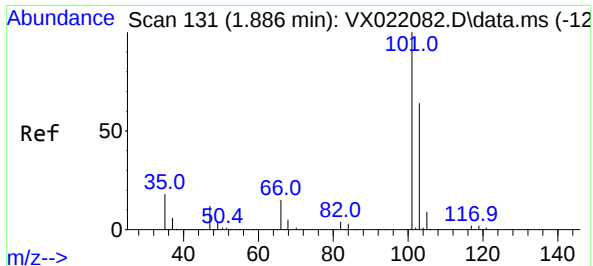
Tgt Ion: 94 Resp: 111606  
Ion Ratio Lower Upper  
94 100  
96 96.8 76.4 114.6



#6  
Chloroethane  
Concen: 100.72 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. -0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 64 Resp: 88132  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.4 38.0

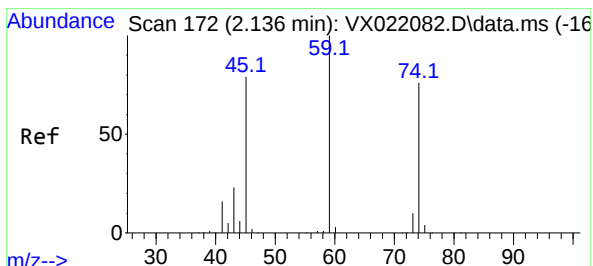
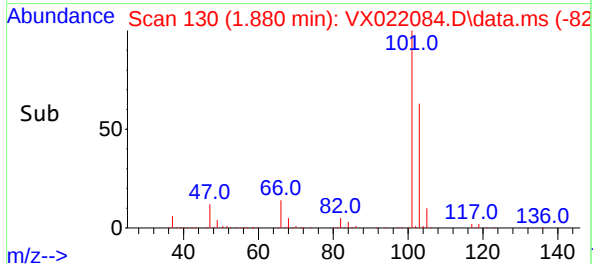
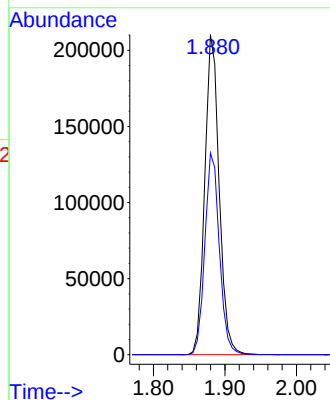
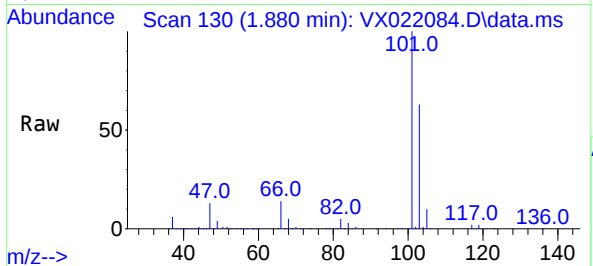




#7  
Trichlorofluoromethane  
Concen: 128.17 ug/l  
RT: 1.880 min Scan# 130  
Delta R.T. -0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

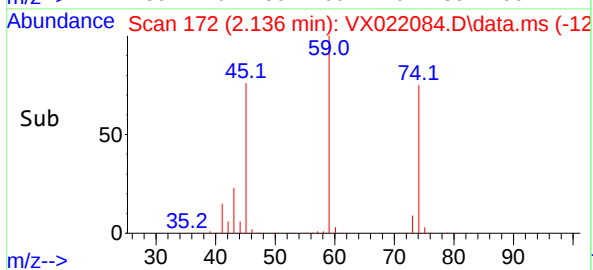
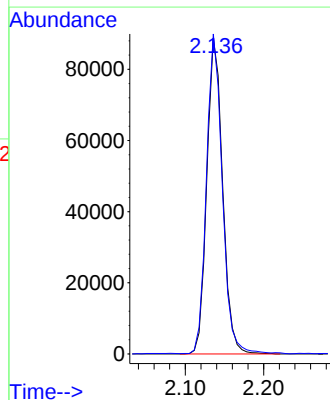
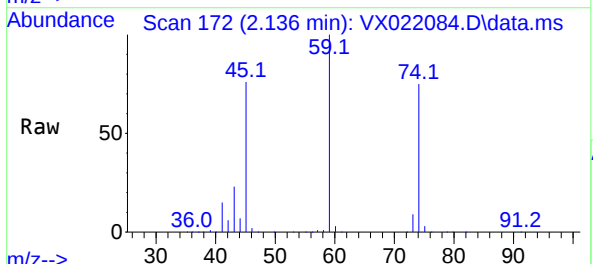
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

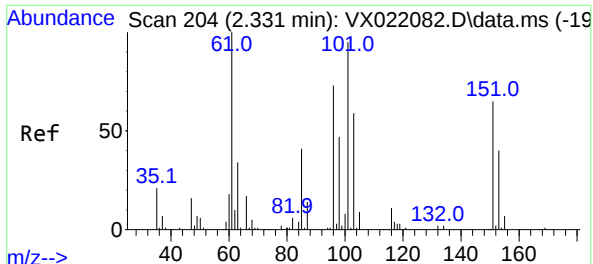
Tgt Ion:101 Resp: 294853  
Ion Ratio Lower Upper  
101 100  
103 63.0 53.2 79.8



#8  
Diethyl Ether  
Concen: 127.99 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 74 Resp: 124228  
Ion Ratio Lower Upper  
74 100  
45 101.3 44.5 133.5

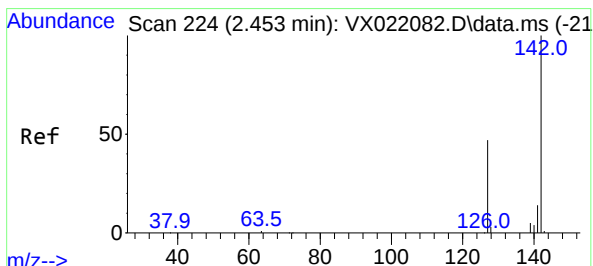
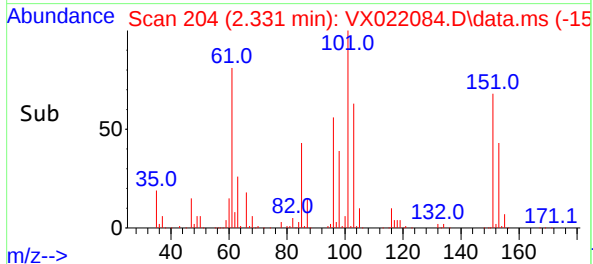
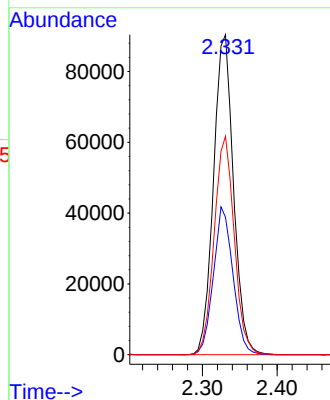
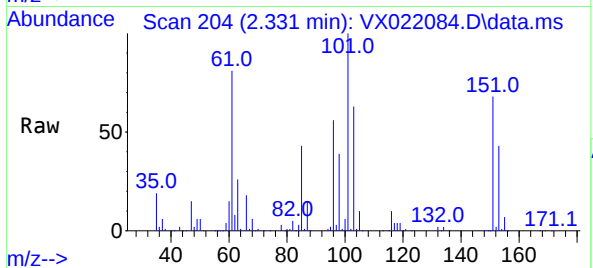




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 140.26 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

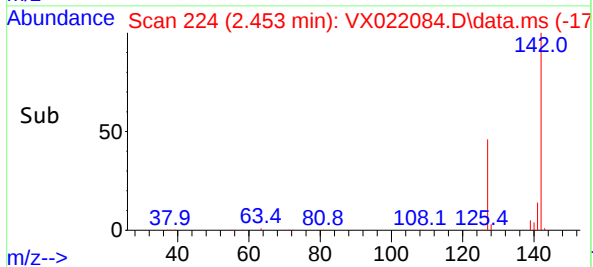
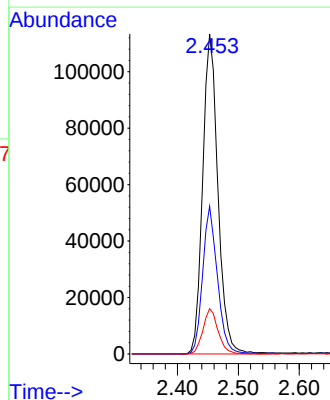
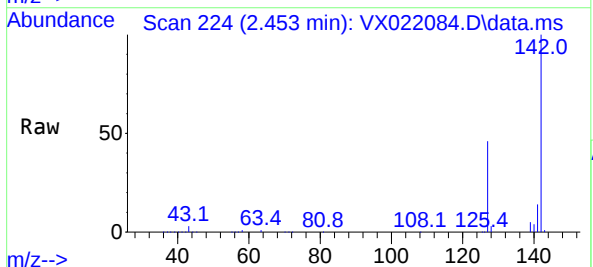
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

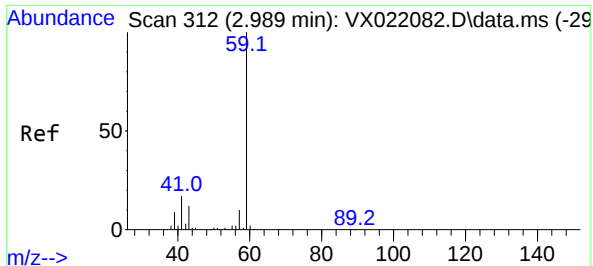
Tgt Ion:101 Resp: 168409  
Ion Ratio Lower Upper  
101 100  
85 45.1 34.9 52.3  
151 68.5 61.4 92.2



#10  
Methyl Iodide  
Concen: 143.32 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:142 Resp: 197898  
Ion Ratio Lower Upper  
142 100  
127 44.6 33.3 49.9  
141 14.0 11.4 17.0

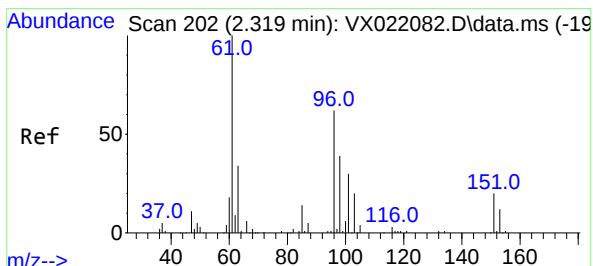
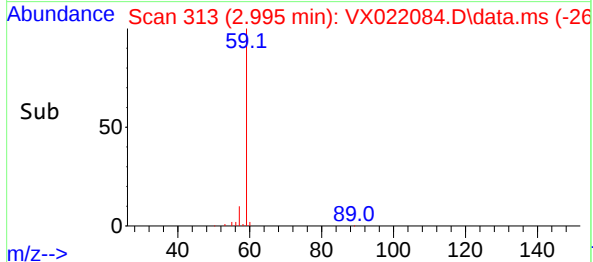
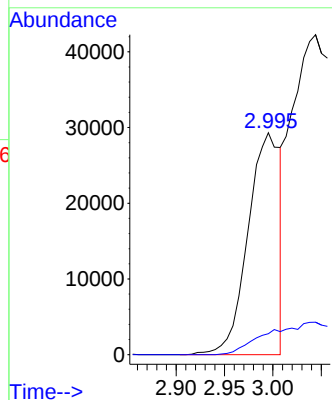
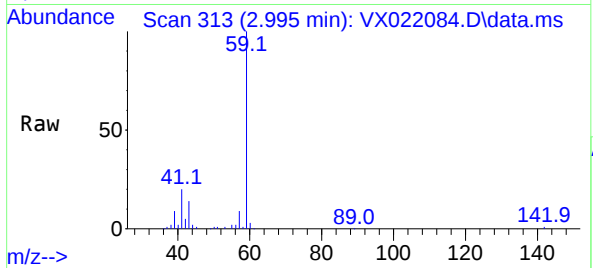




#11  
Tert butyl alcohol  
Concen: 169.87 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

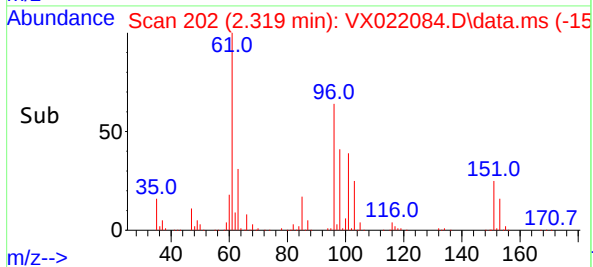
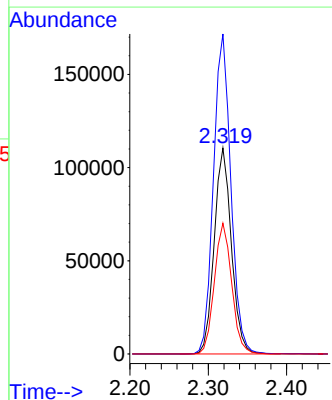
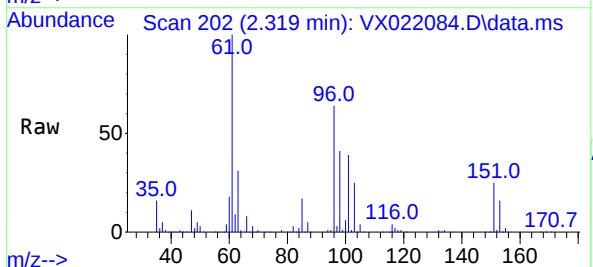
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

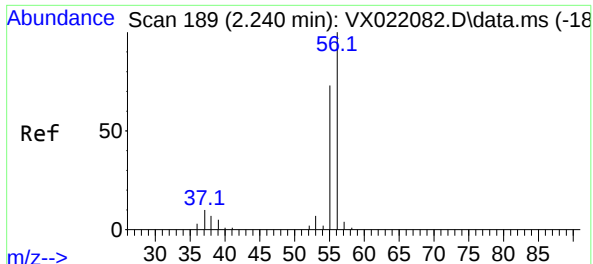
Tgt Ion: 59 Resp: 67869  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#



#12  
1,1-Dichloroethene  
Concen: 134.05 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 96 Resp: 168529  
Ion Ratio Lower Upper  
96 100  
61 155.4 124.6 187.0  
98 63.5 50.6 76.0

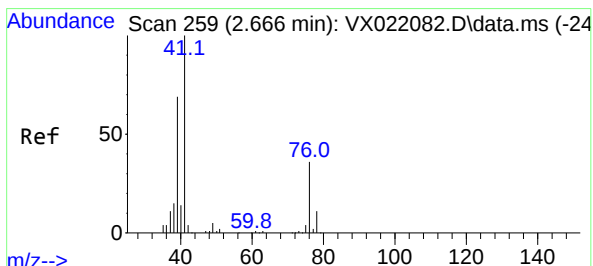
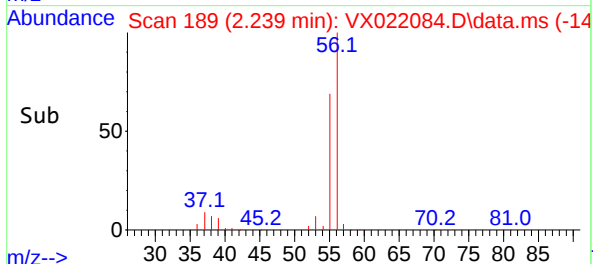
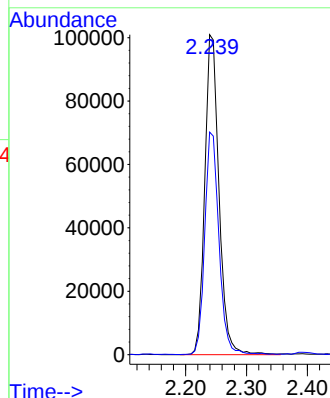
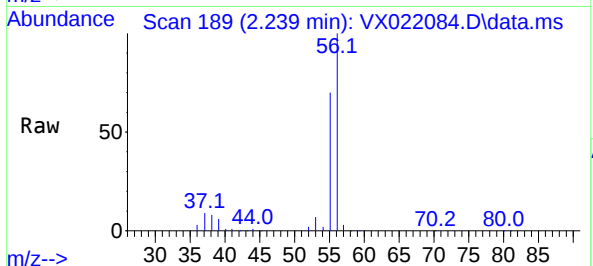




#13  
Acrolein  
Concen: 761.68 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

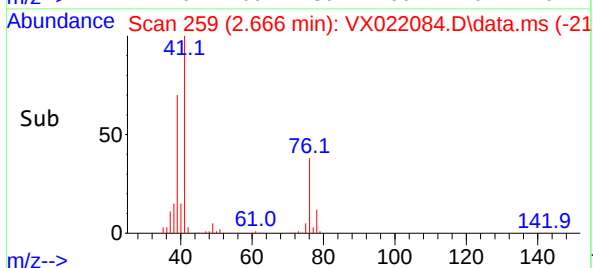
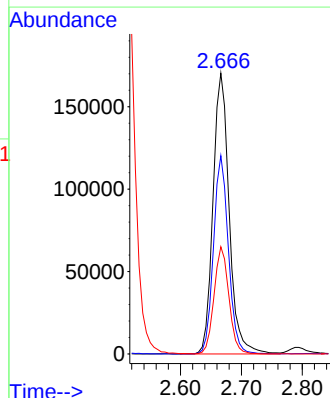
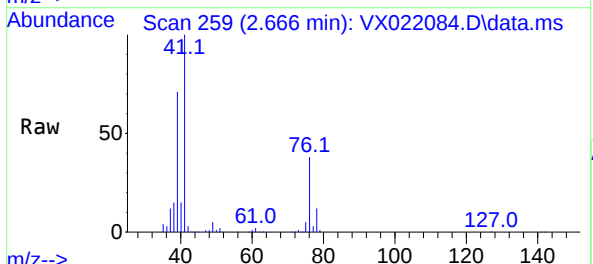
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

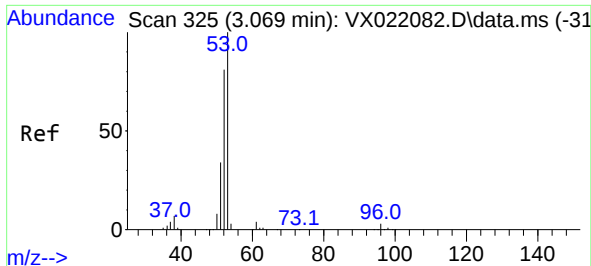
Tgt Ion: 56 Resp: 163809  
Ion Ratio Lower Upper  
56 100  
55 69.4 56.4 84.6



#14  
Allyl chloride  
Concen: 136.57 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 41 Resp: 313812  
Ion Ratio Lower Upper  
41 100  
39 65.2 51.6 77.4  
76 35.2 30.5 45.7

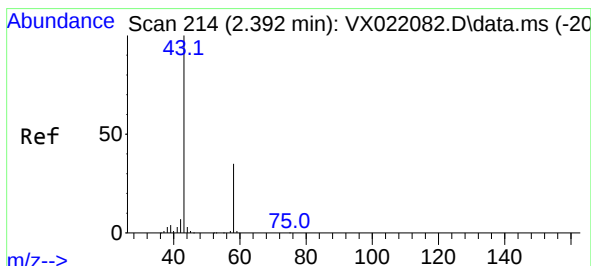
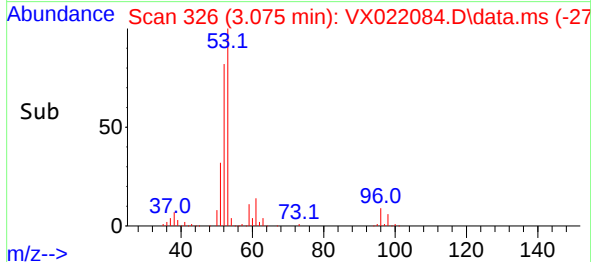
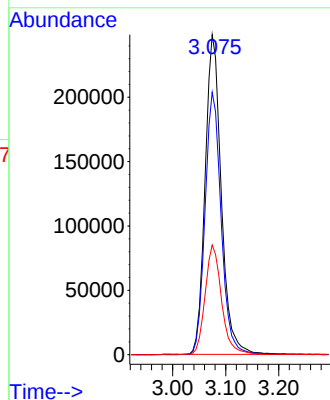
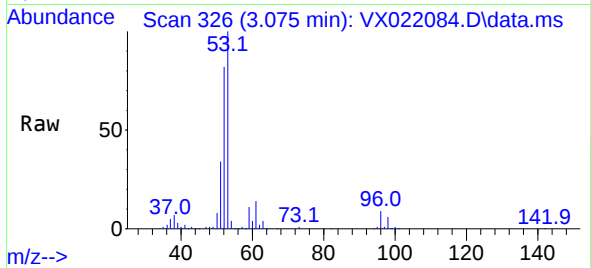




#15  
Acrylonitrile  
Concen: 688.71 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

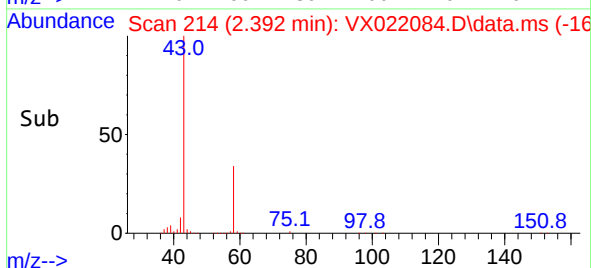
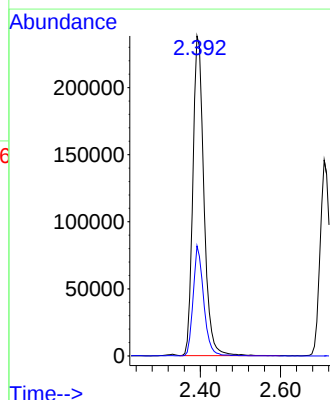
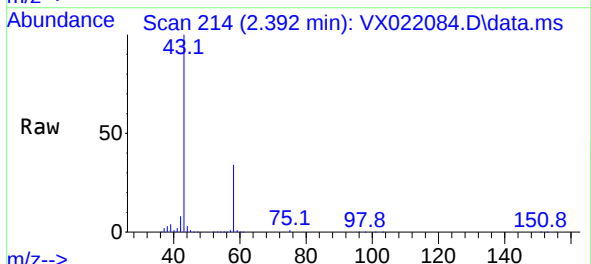
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

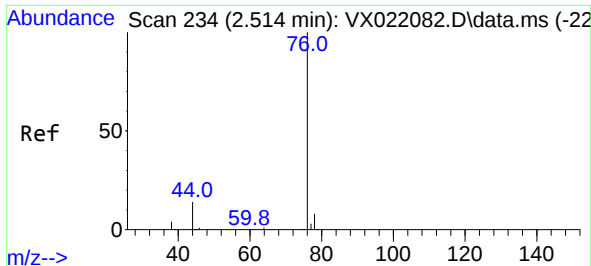
Tgt Ion: 53 Resp: 524058  
Ion Ratio Lower Upper  
53 100  
52 82.5 65.3 97.9  
51 34.8 28.2 42.2



#16  
Acetone  
Concen: 666.44 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 43 Resp: 456651  
Ion Ratio Lower Upper  
43 100  
58 34.4 27.8 41.8

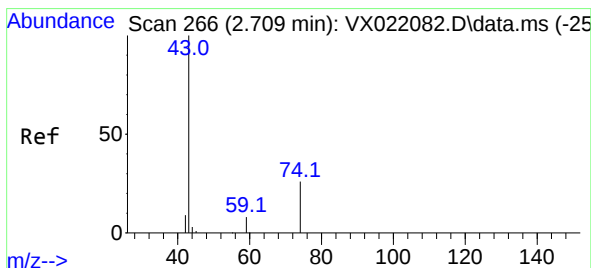
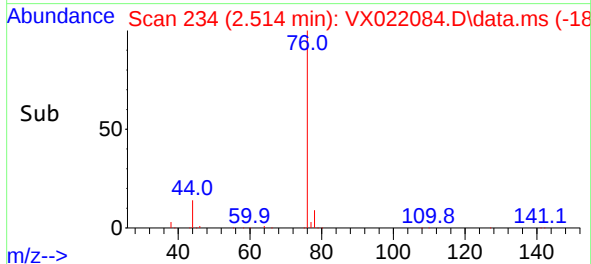
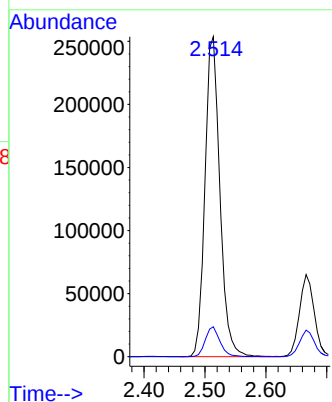
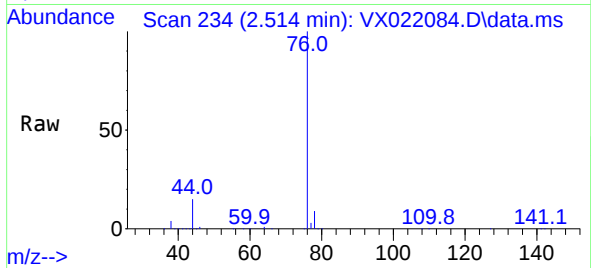




#17  
Carbon Disulfide  
Concen: 125.81 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

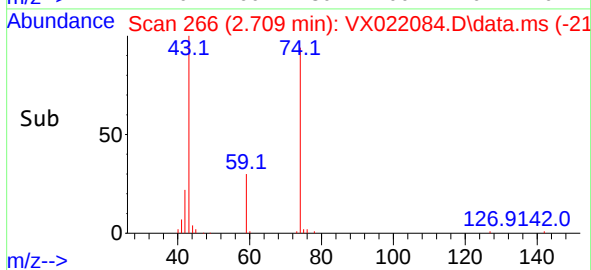
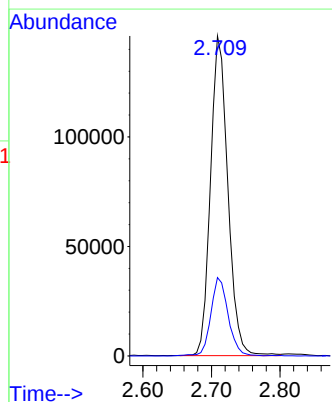
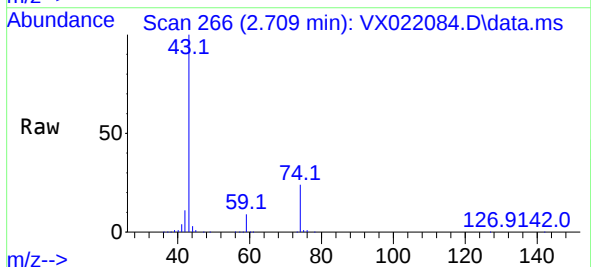
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

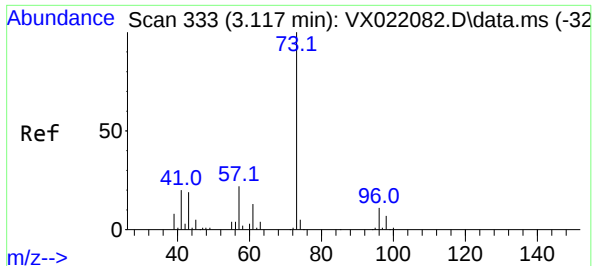
Tgt Ion: 76 Resp: 431307  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 135.92 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 43 Resp: 257068  
Ion Ratio Lower Upper  
43 100  
74 24.6 21.9 32.9

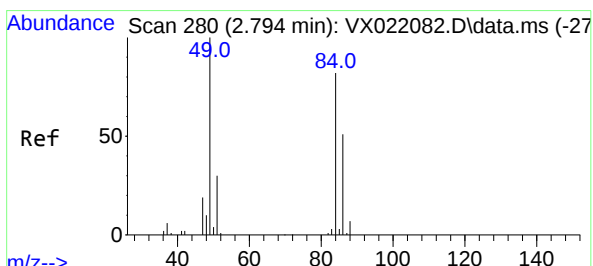
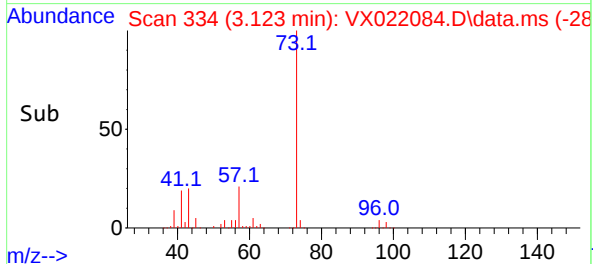
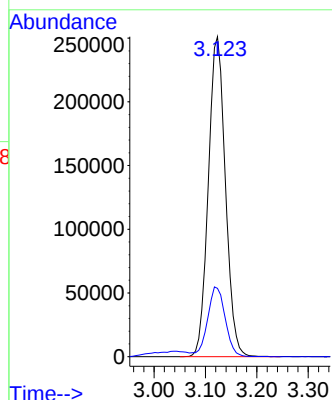
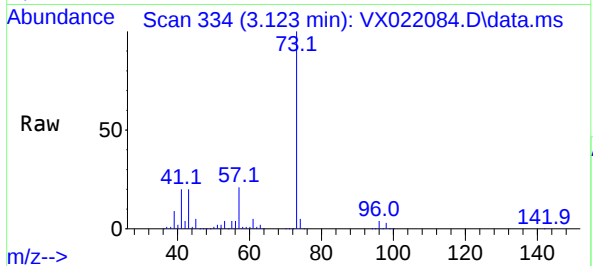




#19  
Methyl tert-butyl Ether  
Concen: 143.10 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

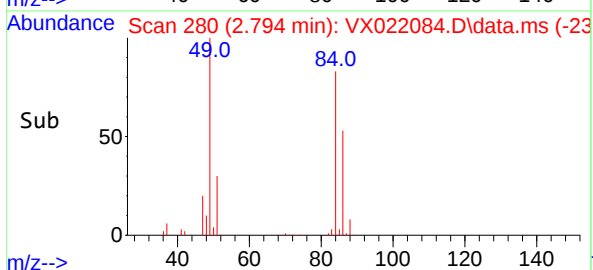
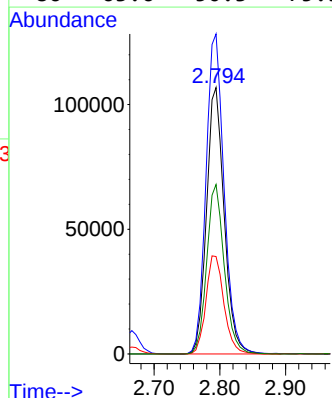
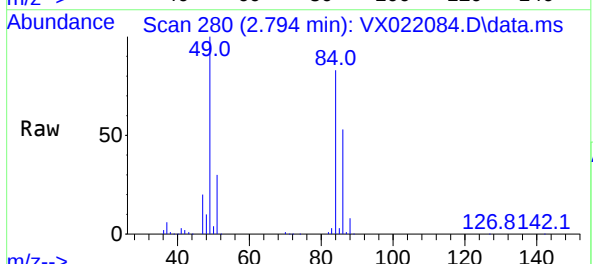
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

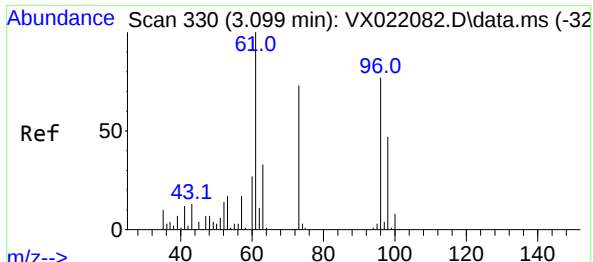
Tgt Ion: 73 Resp: 579475  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.1 25.7



#20  
Methylene Chloride  
Concen: 122.11 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 84 Resp: 199423  
Ion Ratio Lower Upper  
84 100  
49 120.1 88.6 132.8  
51 36.6 27.0 40.6  
86 63.6 50.3 75.5

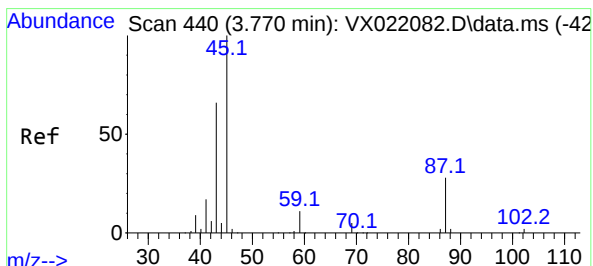
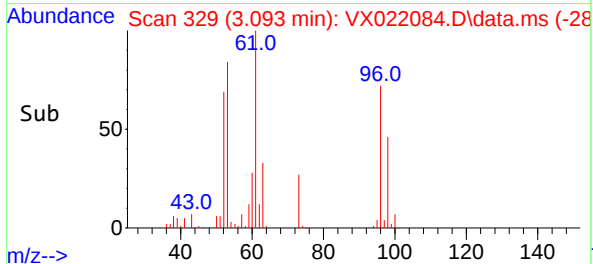
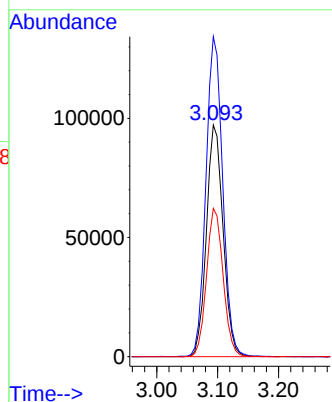
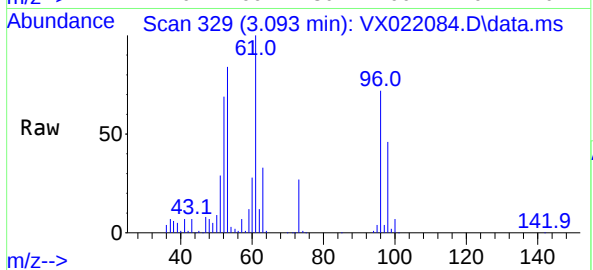




#21  
trans-1,2-Dichloroethene  
Concen: 137.93 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

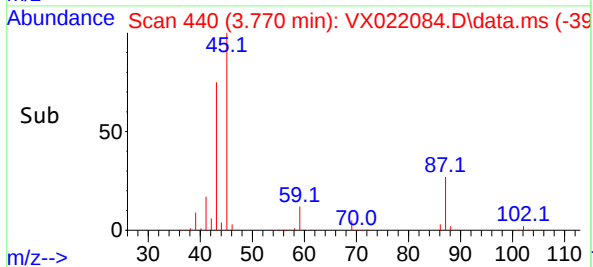
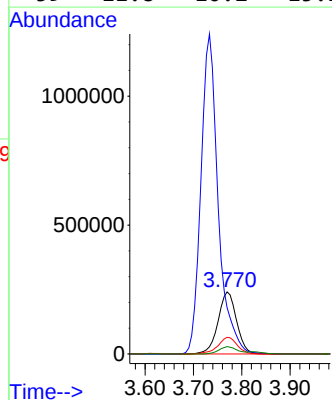
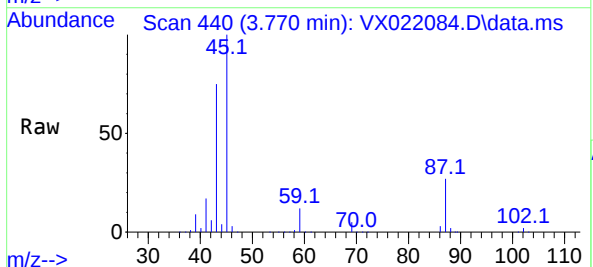
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

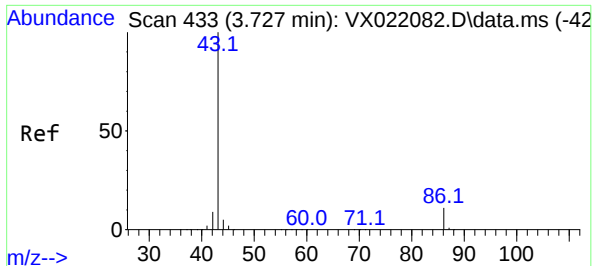
Tgt Ion: 96 Resp: 184975  
Ion Ratio Lower Upper  
96 100  
61 138.0 107.7 161.5  
98 64.0 50.4 75.6



#22  
Diisopropyl ether  
Concen: 149.37 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 45 Resp: 640071  
Ion Ratio Lower Upper  
45 100  
43 74.6 58.0 87.0  
87 26.9 25.4 38.0  
59 11.8 10.2 15.2

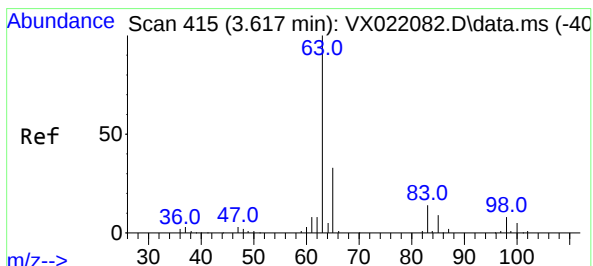
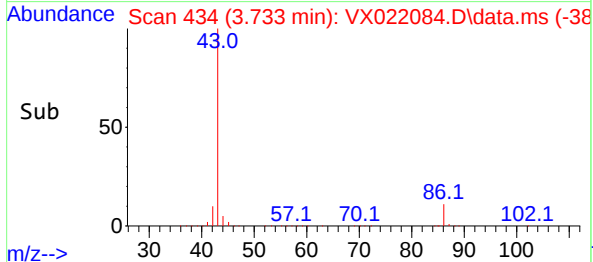
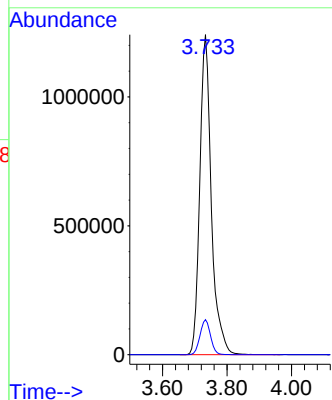
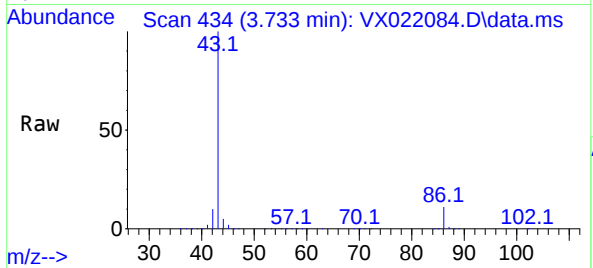




#23  
 Vinyl Acetate  
 Concen: 733.80 ug/l  
 RT: 3.733 min Scan# 434  
 Delta R.T. 0.006 min  
 Lab File: VX022084.D  
 Acq: 19 May 2021 13:03

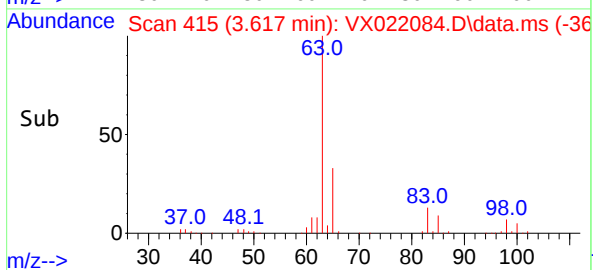
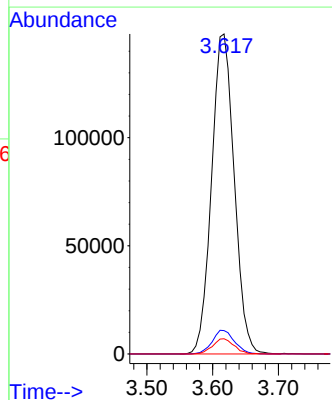
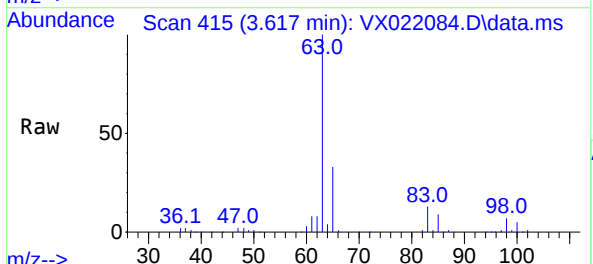
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

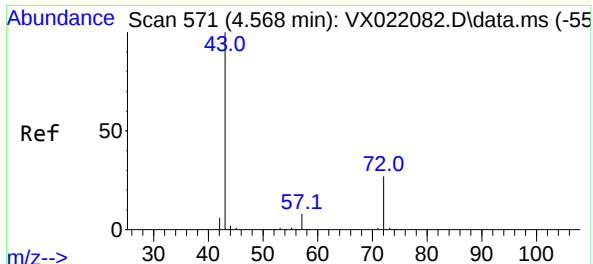
Tgt Ion: 43 Resp: 3078104  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 9.9 14.9



#24  
 1,1-Dichloroethane  
 Concen: 143.17 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. -0.000 min  
 Lab File: VX022084.D  
 Acq: 19 May 2021 13:03

Tgt Ion: 63 Resp: 354408  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.2  
 100 4.8 2.5 7.5

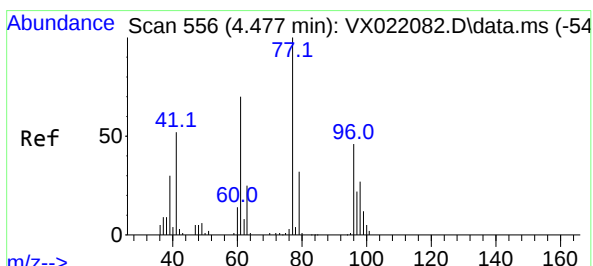
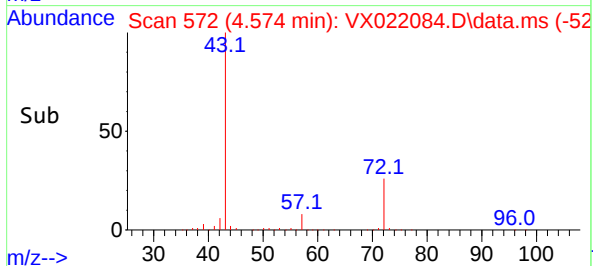
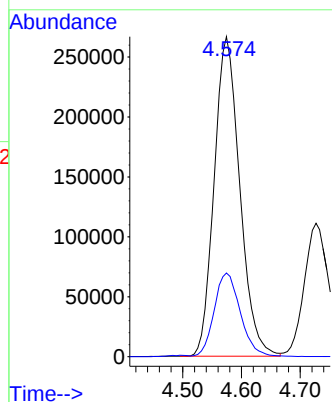
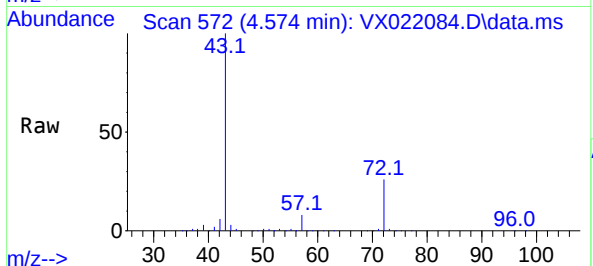




#25  
2-Butanone  
Concen: 688.70 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

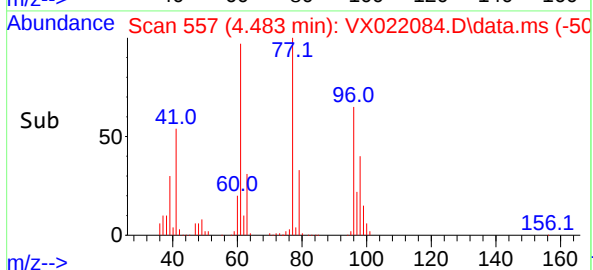
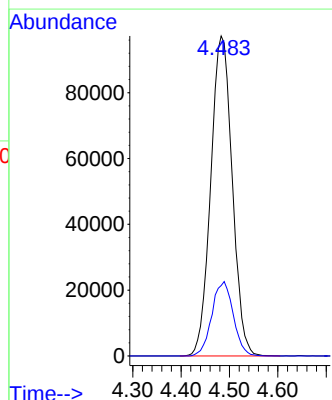
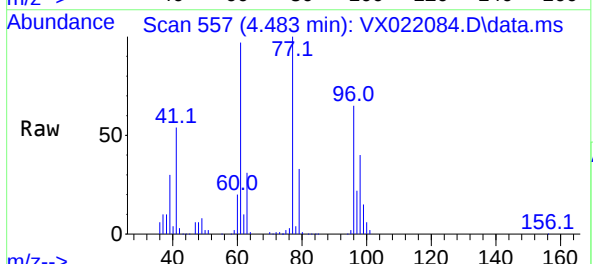
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

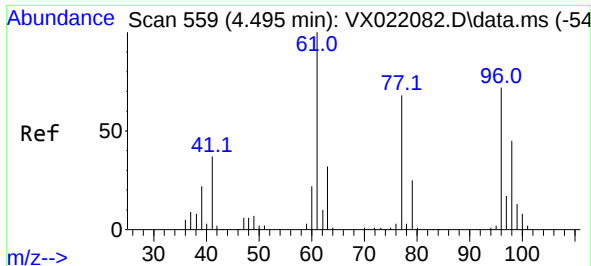
Tgt Ion: 43 Resp: 806293  
Ion Ratio Lower Upper  
43 100  
72 25.9 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 135.49 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 77 Resp: 299958  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.7 35.1



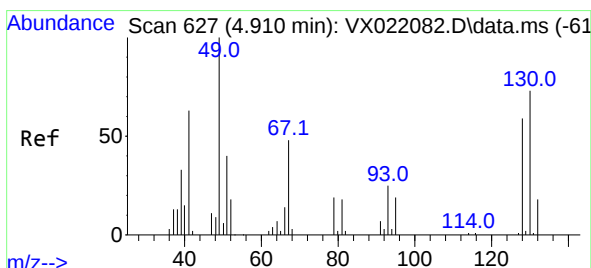
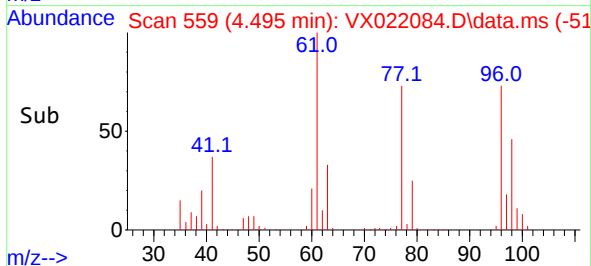
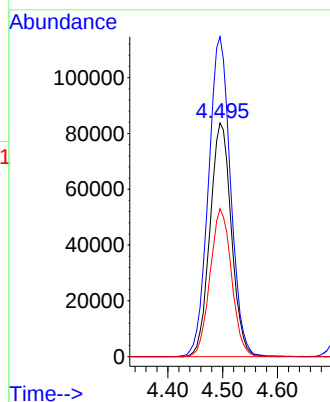
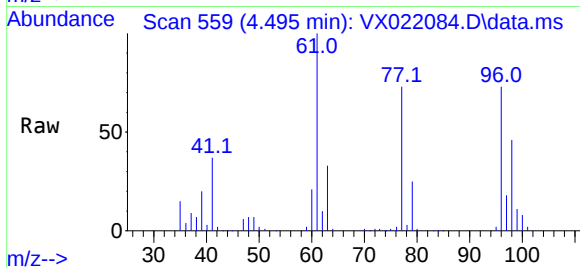


#27  
 cis-1,2-Dichloroethene  
 Concen: 142.37 ug/l  
 RT: 4.495 min Scan# 559  
 Delta R.T. -0.000 min  
 Lab File: VX022084.D  
 Acq: 19 May 2021 13:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 96 Resp: 226857  

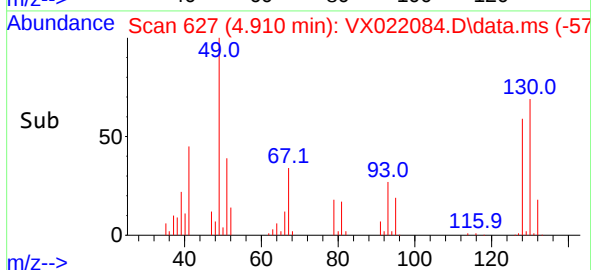
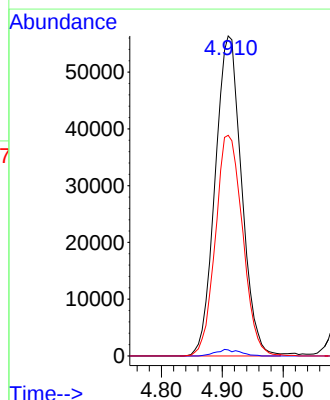
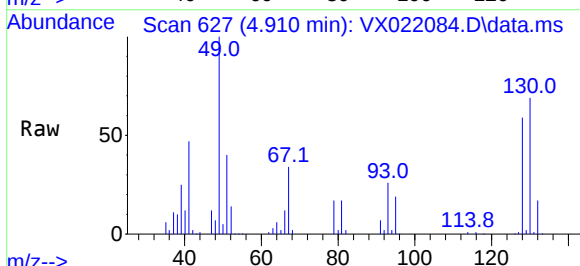
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.5 | 0.0   | 285.6 |
| 98  | 63.4  | 0.0   | 129.6 |

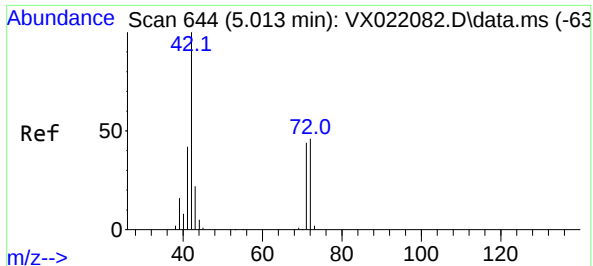


#28  
 Bromochloromethane  
 Concen: 150.20 ug/l  
 RT: 4.910 min Scan# 627  
 Delta R.T. -0.000 min  
 Lab File: VX022084.D  
 Acq: 19 May 2021 13:03

Tgt Ion: 49 Resp: 169721  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.9   | 0.0   | 4.0   |
| 130 | 71.1  | 68.2  | 102.2 |





#29

Tetrahydrofuran

Concen: 705.92 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX022084.D

Acq: 19 May 2021 13:03

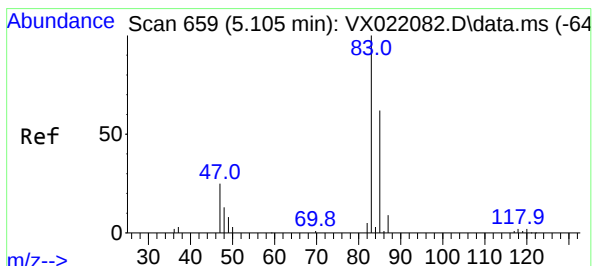
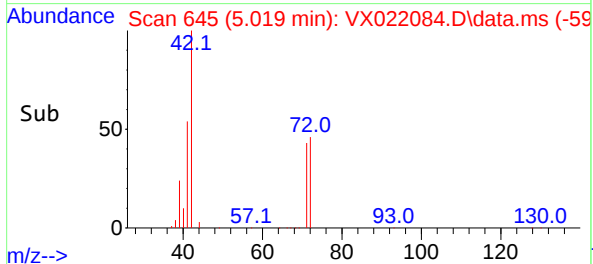
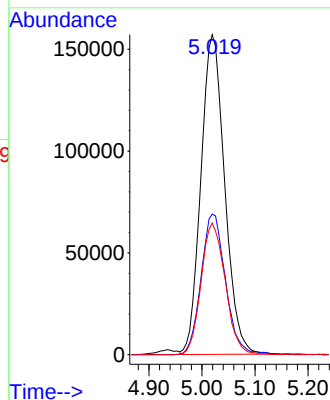
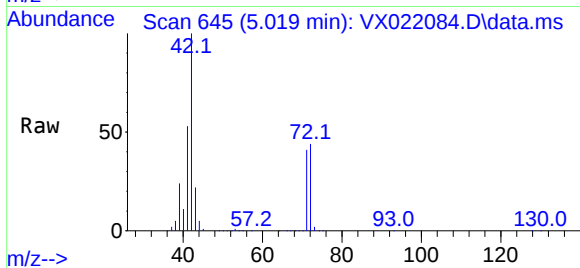
Tgt Ion: 42 Resp: 489323

Ion Ratio Lower Upper

42 100

72 45.2 41.7 62.5

71 41.7 38.4 57.6



#30

Chloroform

Concen: 142.11 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX022084.D

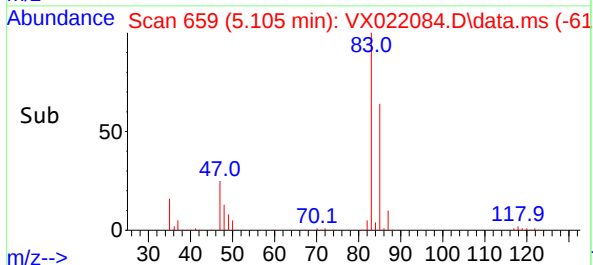
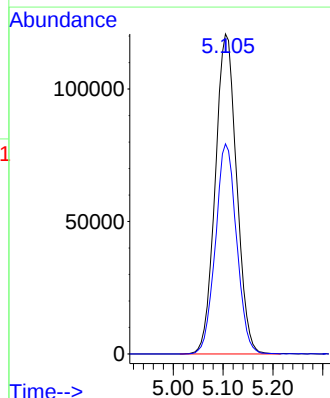
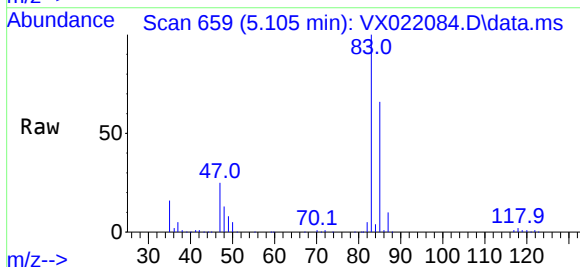
Acq: 19 May 2021 13:03

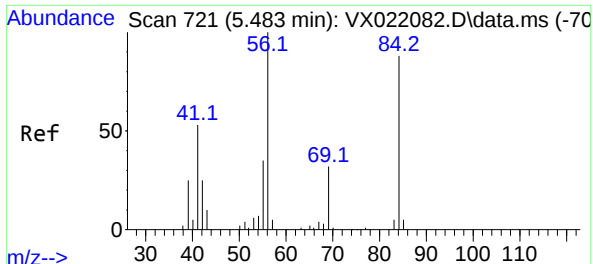
Tgt Ion: 83 Resp: 359445

Ion Ratio Lower Upper

83 100

85 65.7 52.0 78.0

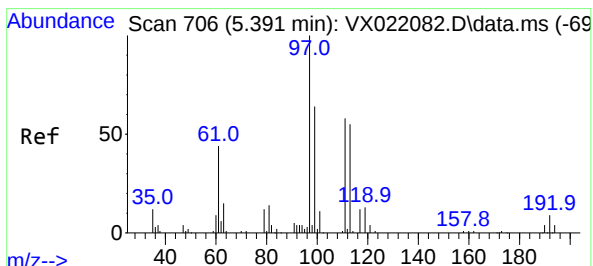
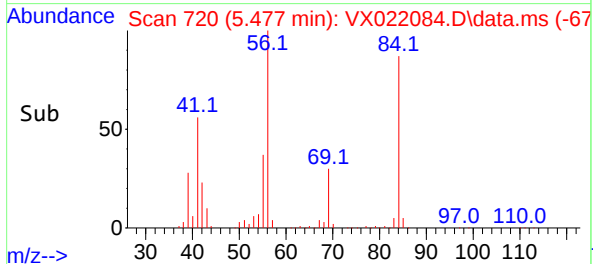
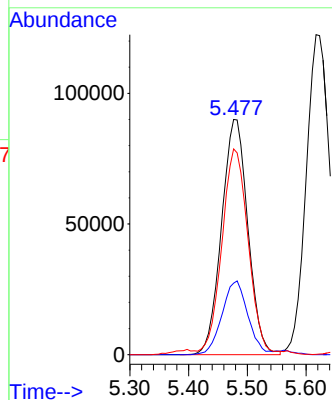
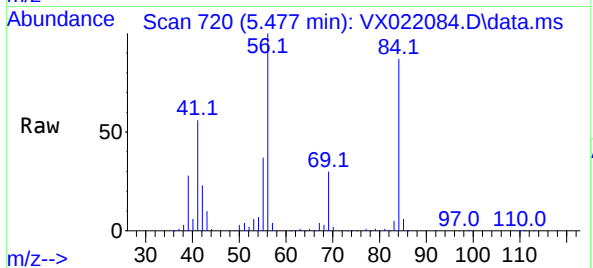




#31  
Cyclohexane  
Concen: 139.35 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

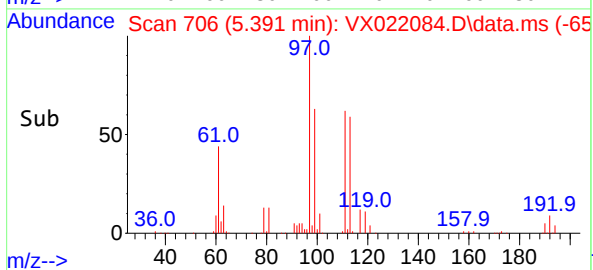
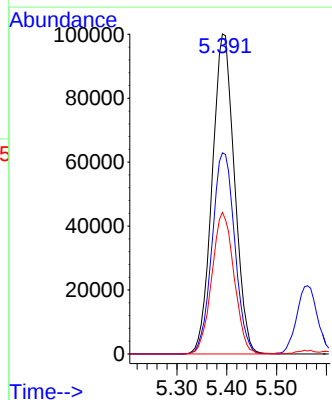
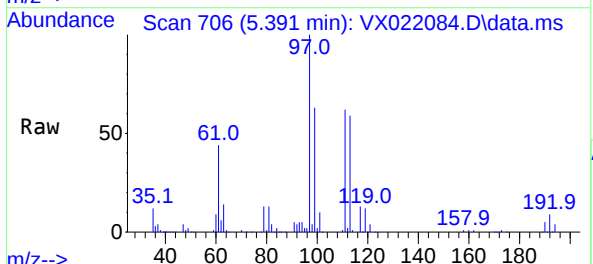
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

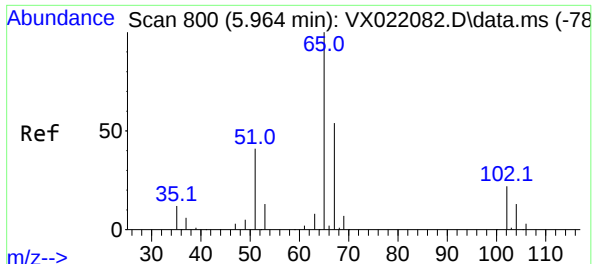
Tgt Ion: 56 Resp: 280219  
Ion Ratio Lower Upper  
56 100  
69 30.4 25.3 37.9  
84 86.0 71.4 107.0



#32  
1,1,1-Trichloroethane  
Concen: 139.96 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 97 Resp: 310201  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.5 77.3  
61 44.2 34.2 51.4



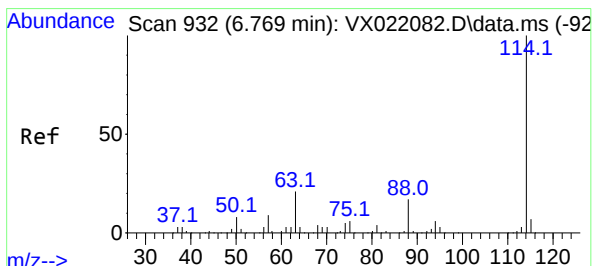
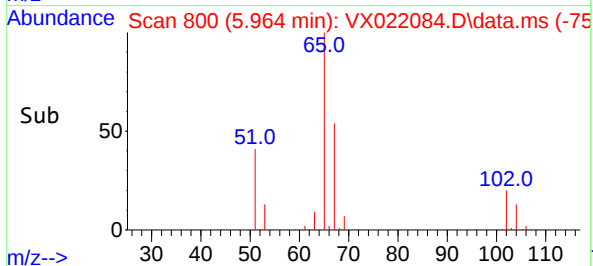
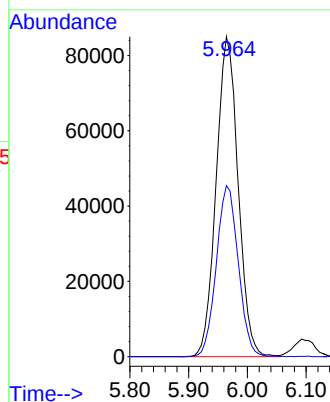
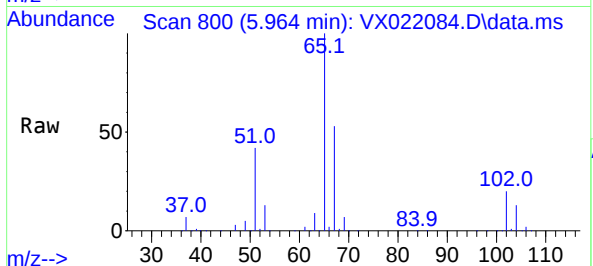


#33

1,2-Dichloroethane-d4  
Concen: 146.07 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

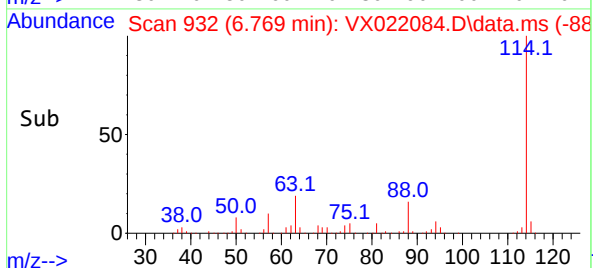
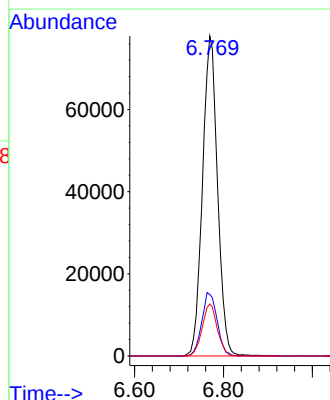
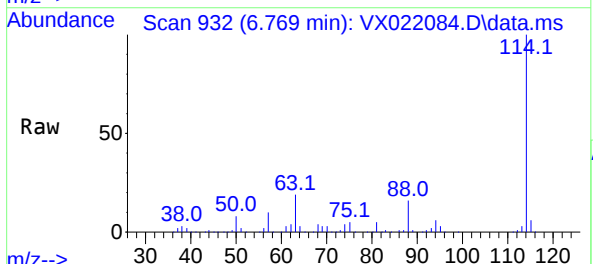
Tgt Ion: 65 Resp: 220801  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 105.4

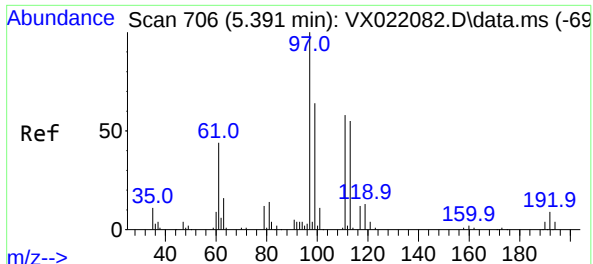


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 114 Resp: 183439  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 40.8  
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 143.30 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022084.D

Acq: 19 May 2021 13:03

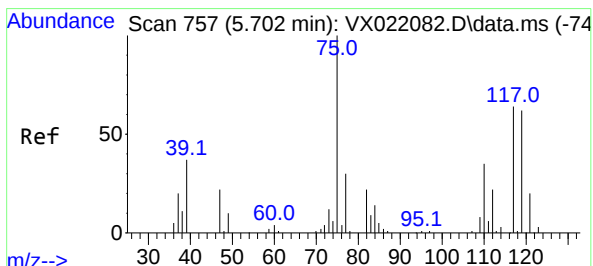
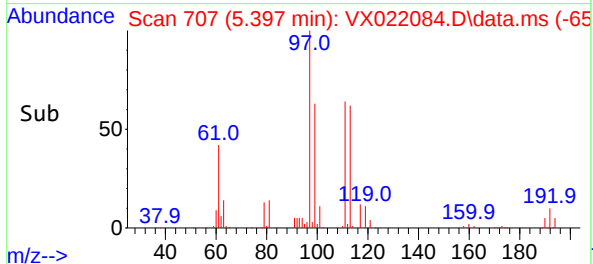
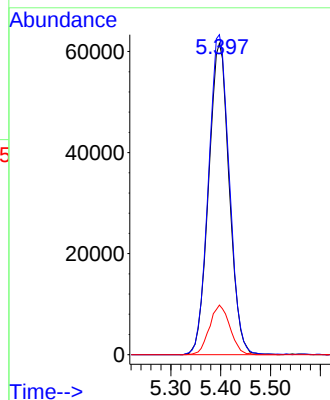
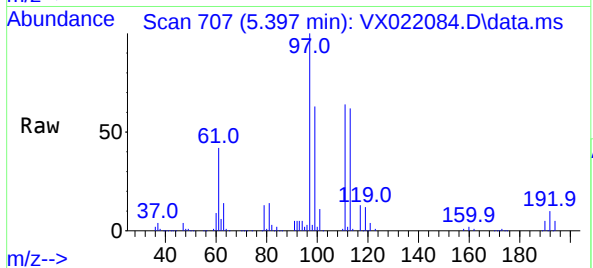
Tgt Ion:113 Resp: 176586

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 137.98 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.000 min

Lab File: VX022084.D

Acq: 19 May 2021 13:03

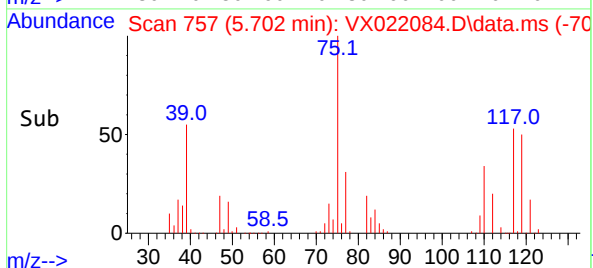
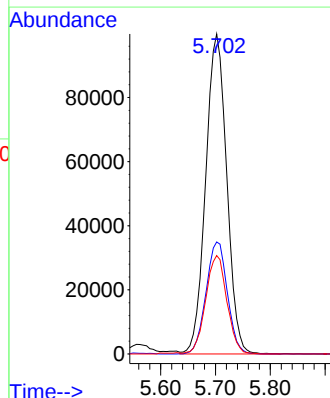
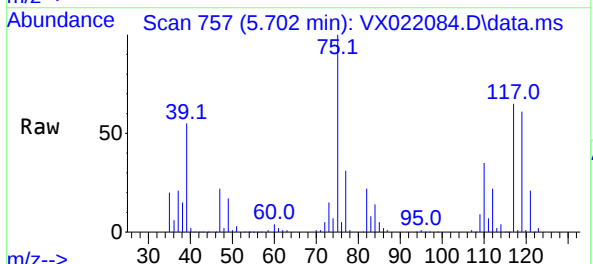
Tgt Ion: 75 Resp: 265967

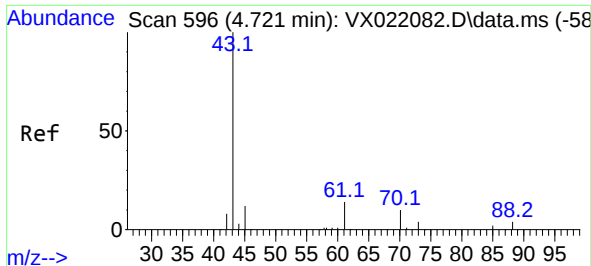
Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.4

77 31.0 25.3 37.9

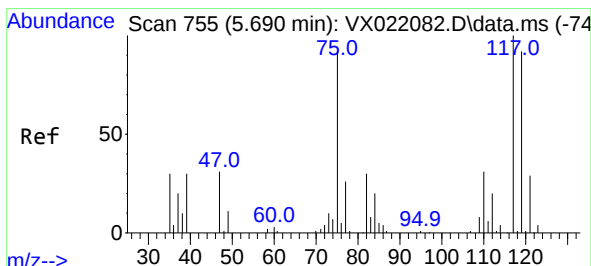
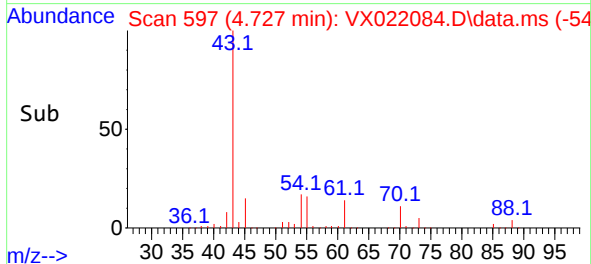
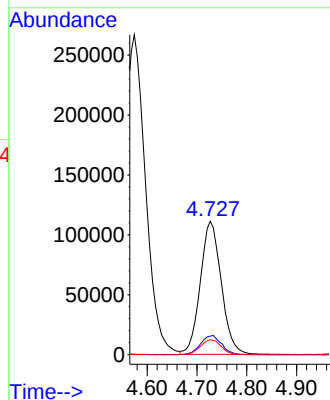
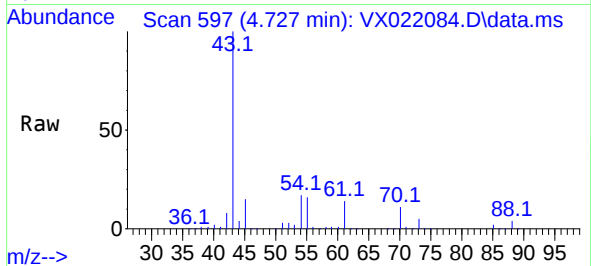




#37  
Ethyl Acetate  
Concen: 141.03 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

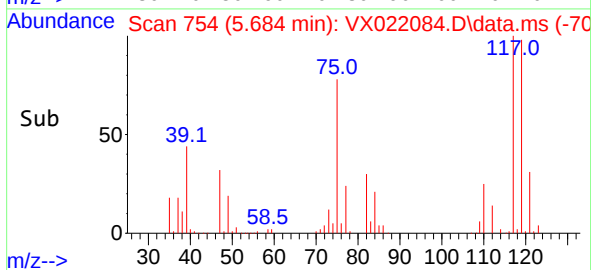
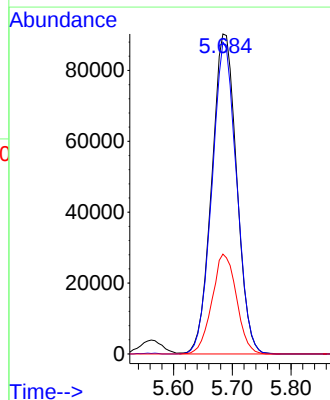
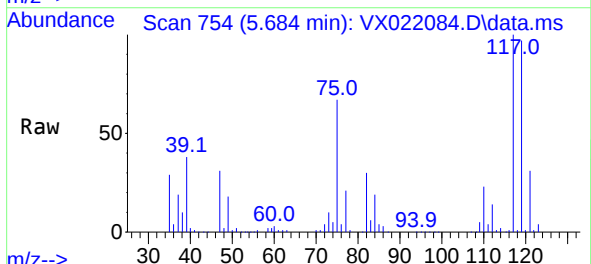
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

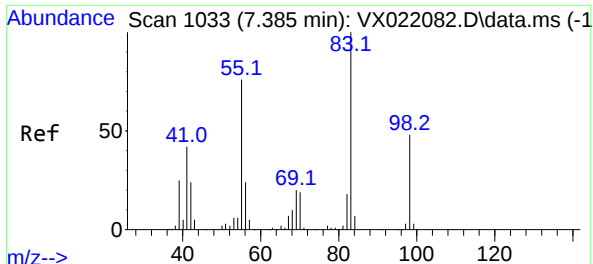
Tgt Ion: 43 Resp: 325333  
Ion Ratio Lower Upper  
43 100  
61 14.4 12.8 19.2  
70 11.1 10.5 15.7



#38  
Carbon Tetrachloride  
Concen: 138.28 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 117 Resp: 265791  
Ion Ratio Lower Upper  
117 100  
119 97.4 76.2 114.2  
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 135.59 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX022084.D

Acq: 19 May 2021 13:03

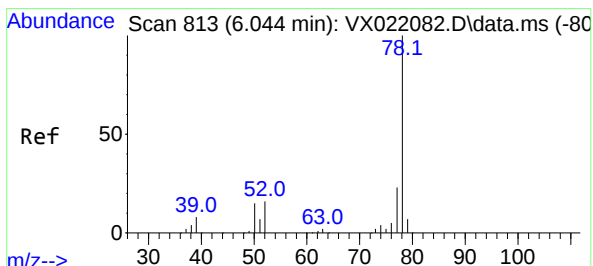
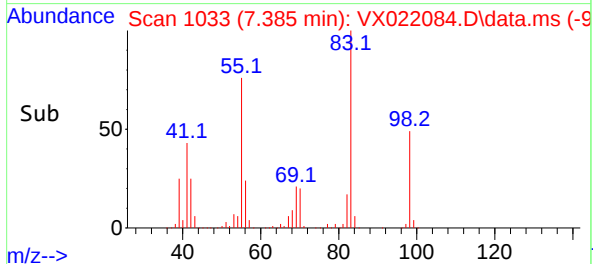
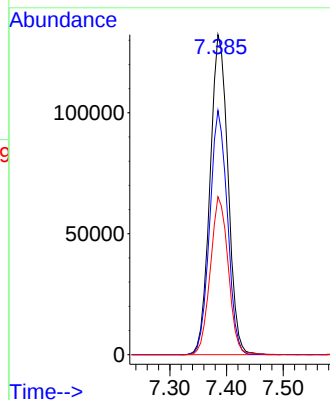
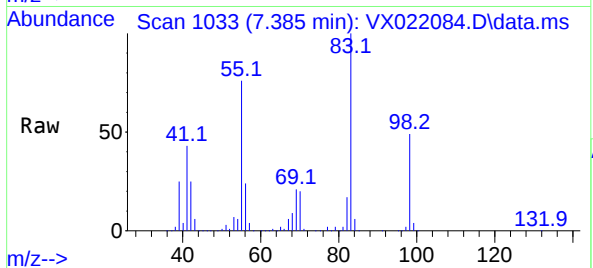
Tgt Ion: 83 Resp: 291559

Ion Ratio Lower Upper

83 100

55 76.3 58.9 88.3

98 49.4 38.1 57.1



#40

Benzene

Concen: 140.77 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX022084.D

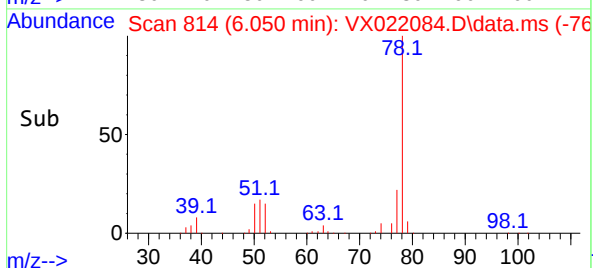
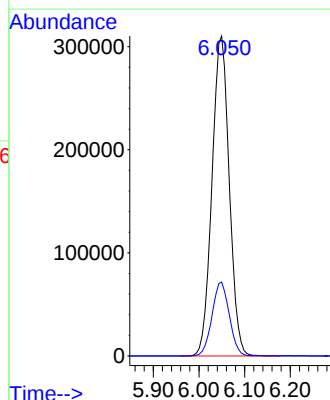
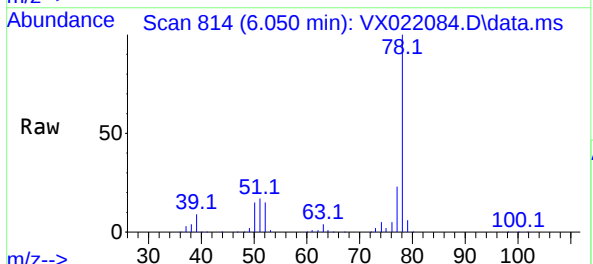
Acq: 19 May 2021 13:03

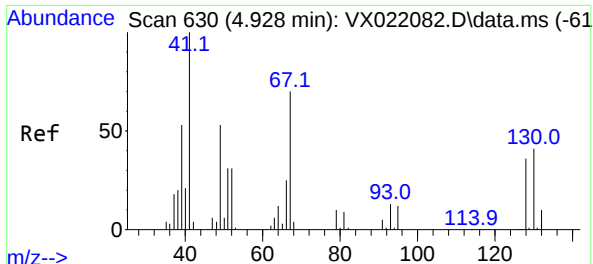
Tgt Ion: 78 Resp: 814254

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3



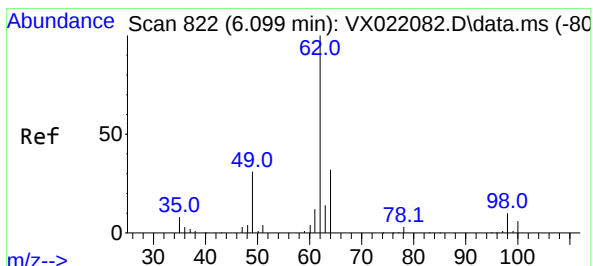
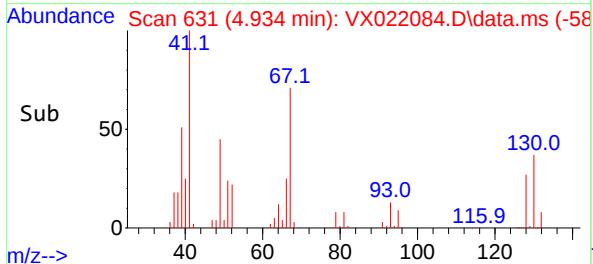
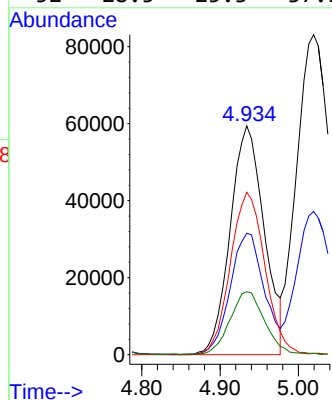
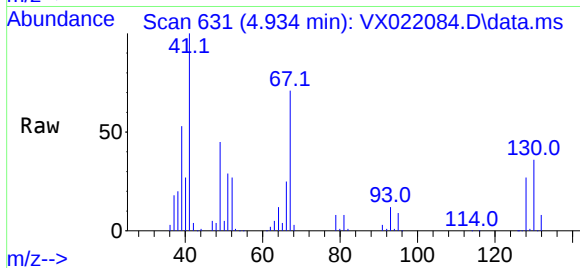


#41  
Methacrylonitrile  
Concen: 143.51 ug/l  
RT: 4.934 min Scan# 631  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 41 Resp: 179574

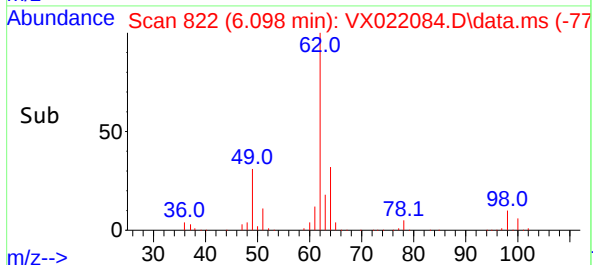
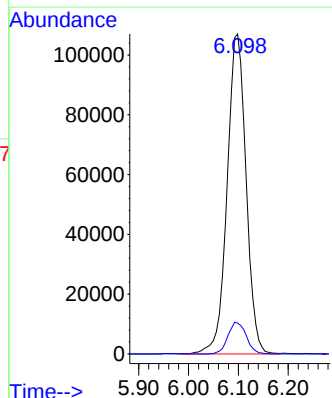
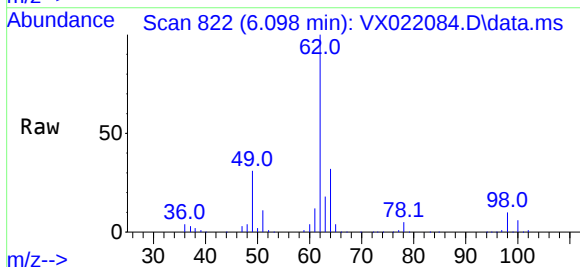
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.4  | 42.5  | 63.7  |
| 67  | 72.5  | 65.0  | 97.6  |
| 52  | 28.5  | 25.3  | 37.9  |

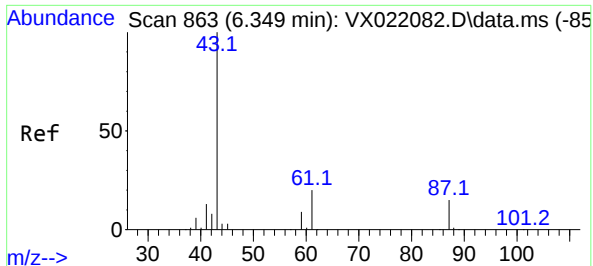


#42  
1,2-Dichloroethane  
Concen: 142.32 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 62 Resp: 282780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.6   | 0.0   | 20.2  |

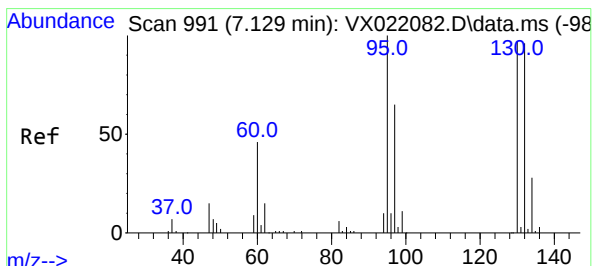
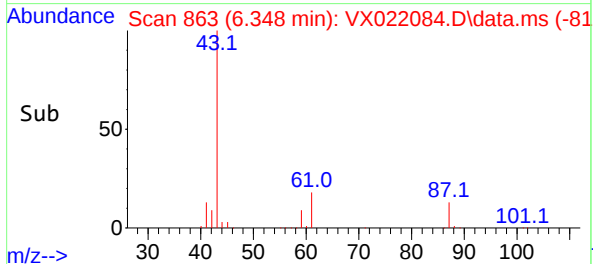
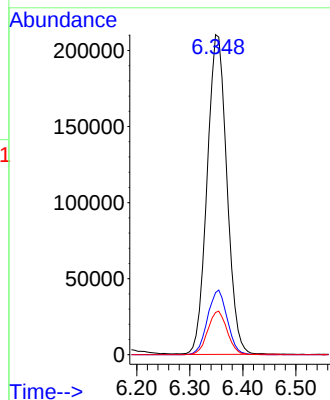
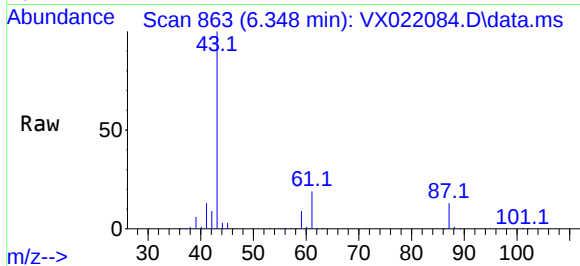




#43  
Isopropyl Acetate  
Concen: 139.49 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

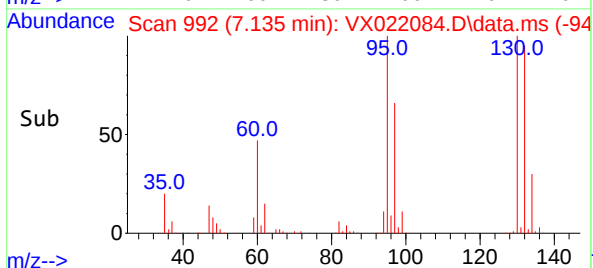
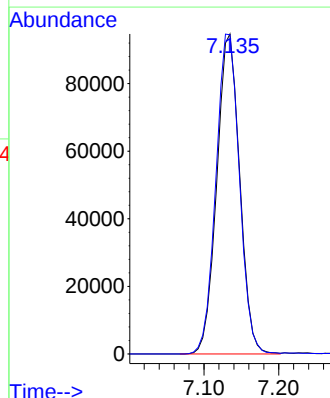
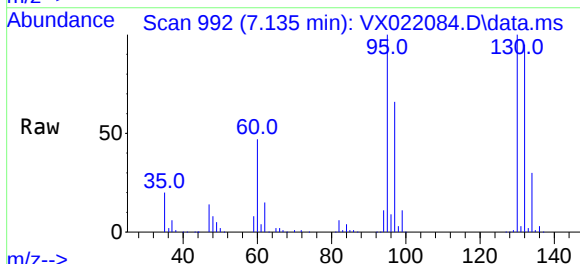
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

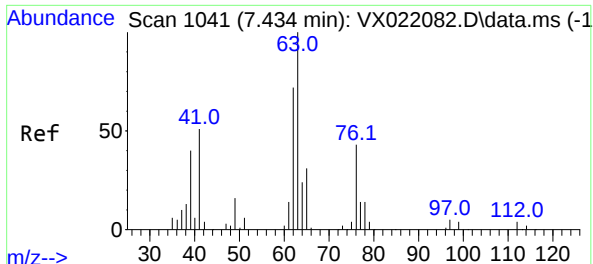
Tgt Ion: 43 Resp: 544141  
Ion Ratio Lower Upper  
43 100  
61 20.1 18.2 27.4  
87 13.4 12.5 18.7



#44  
Trichloroethene  
Concen: 143.21 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:130 Resp: 201888  
Ion Ratio Lower Upper  
130 100  
95 99.7 0.0 198.0



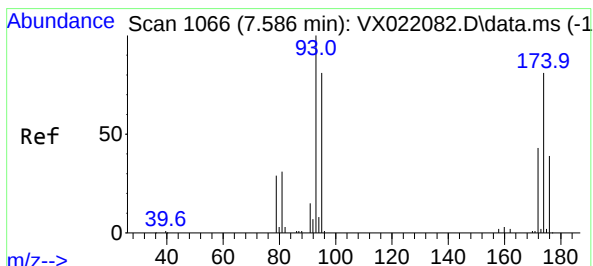
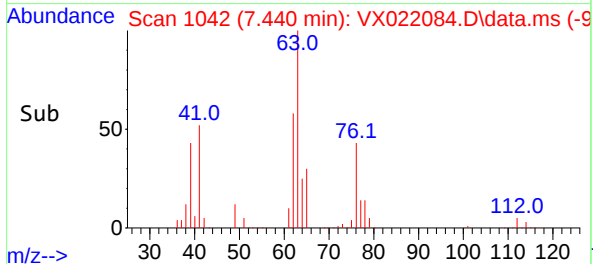
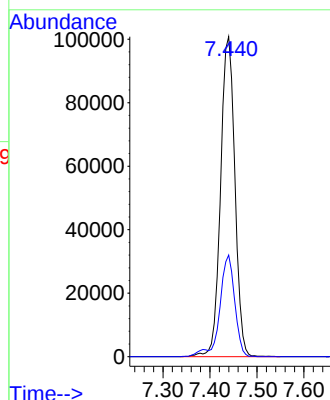
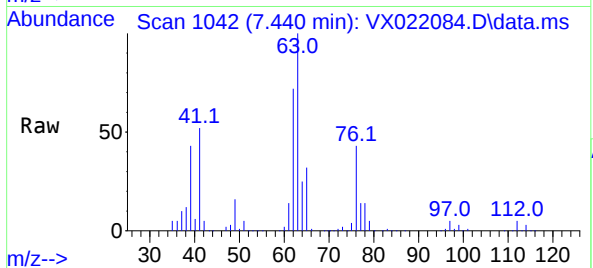


#45

1,2-Dichloropropane  
Concen: 140.66 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

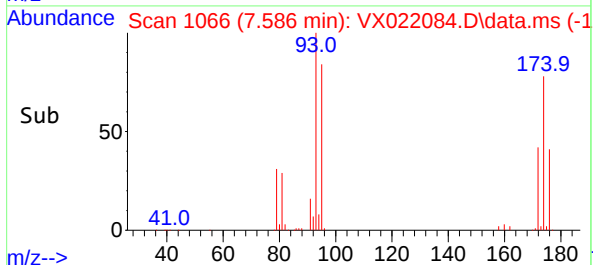
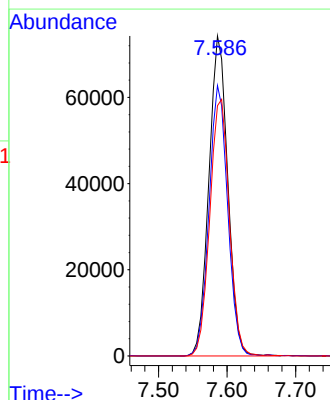
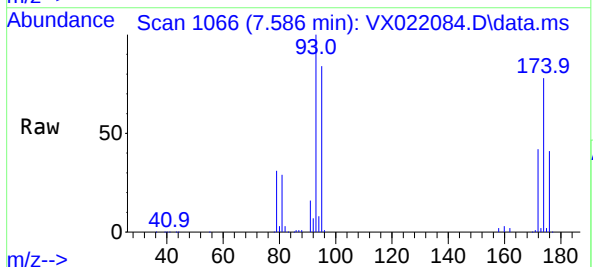
Tgt Ion: 63 Resp: 213800  
Ion Ratio Lower Upper  
63 100  
65 31.7 25.7 38.5

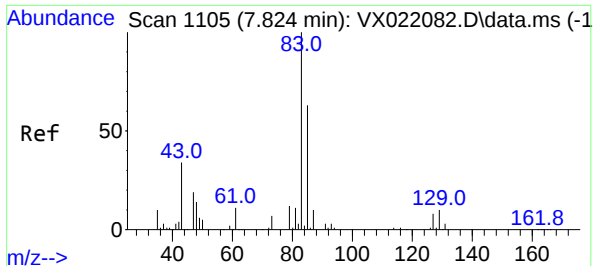


#46

Dibromomethane  
Concen: 138.00 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 93 Resp: 142352  
Ion Ratio Lower Upper  
93 100  
95 83.7 66.8 100.2  
174 82.7 83.1 124.7#

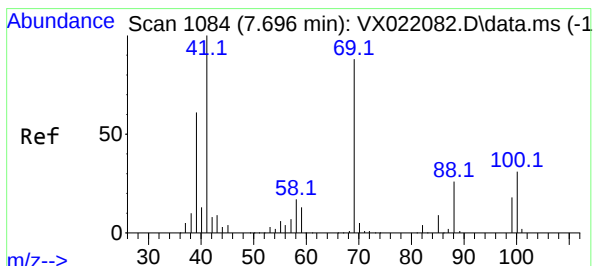
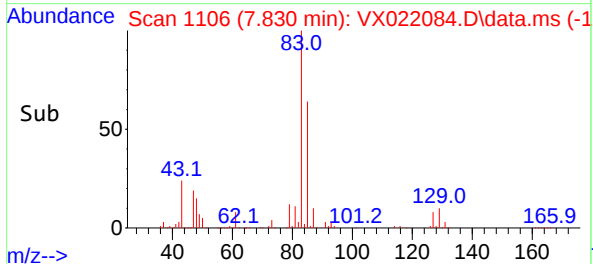
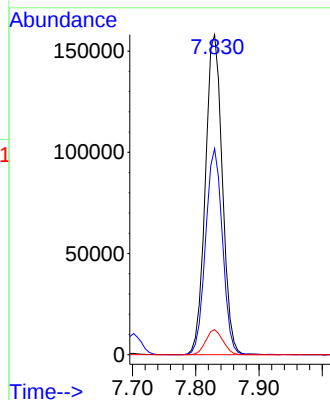
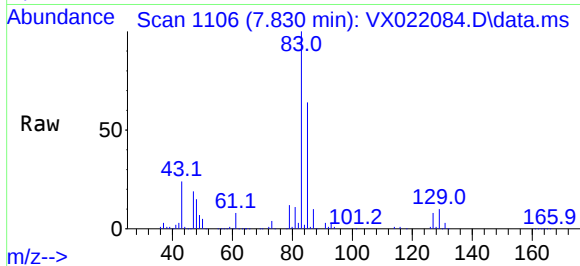




#47  
Bromodichloromethane  
Concen: 142.33 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

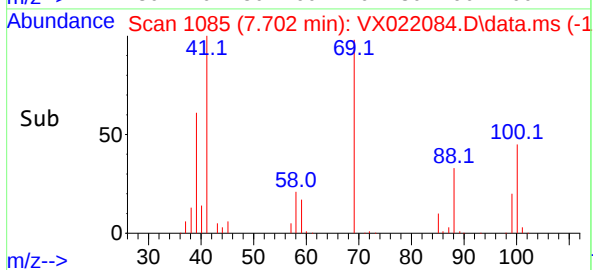
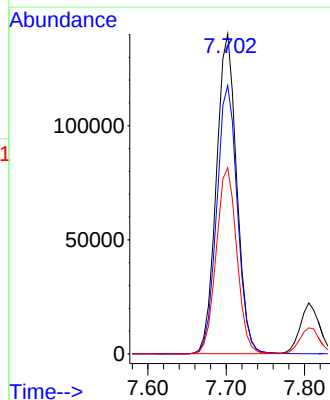
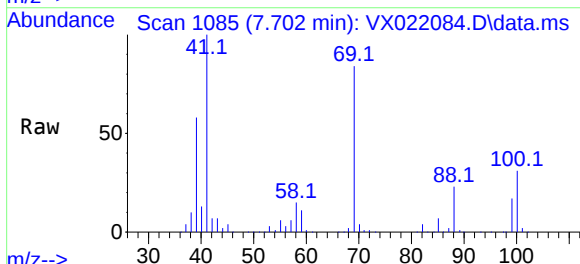
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

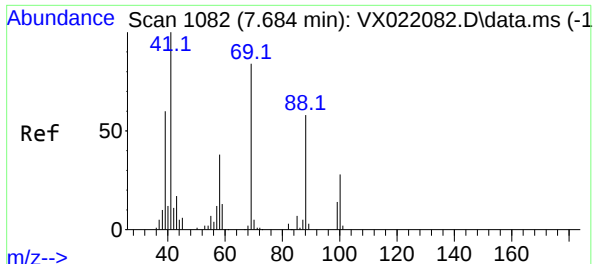
Tgt Ion: 83 Resp: 294666  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.4 77.0  
127 7.9 6.8 10.2



#48  
Methyl methacrylate  
Concen: 140.77 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 41 Resp: 252874  
Ion Ratio Lower Upper  
41 100  
69 85.6 76.0 114.0  
39 59.1 44.6 67.0



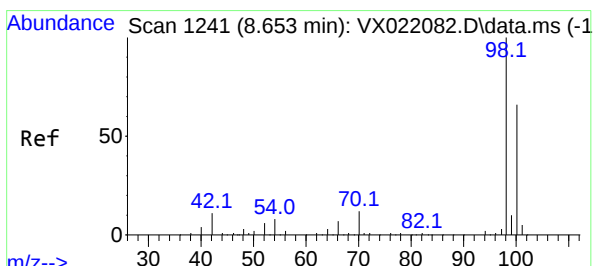
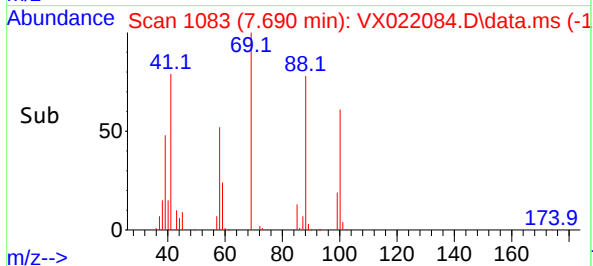
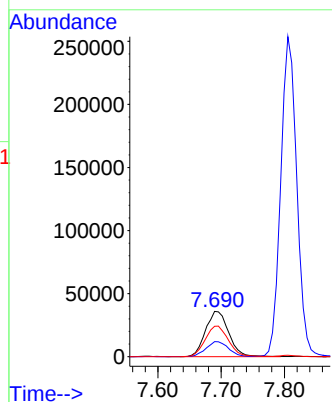
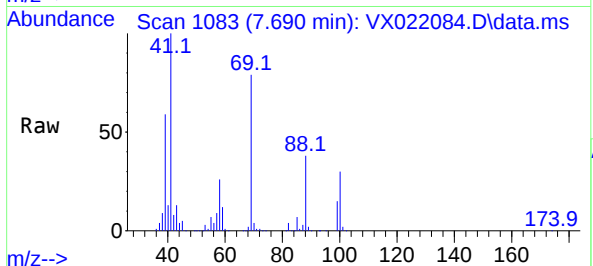


#49  
1,4-Dioxane  
Concen: 2432.04 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 88 Resp: 91376

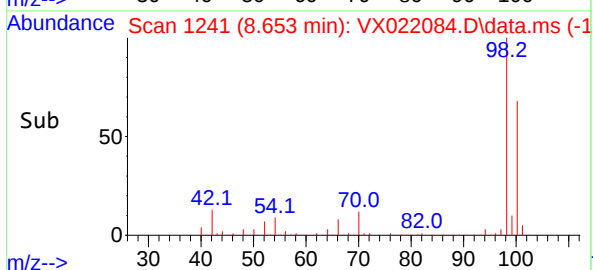
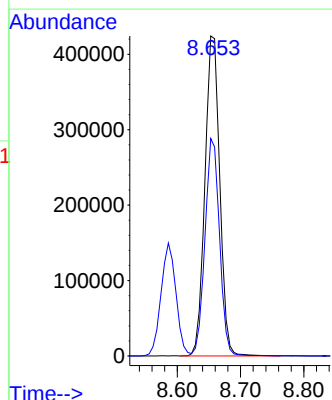
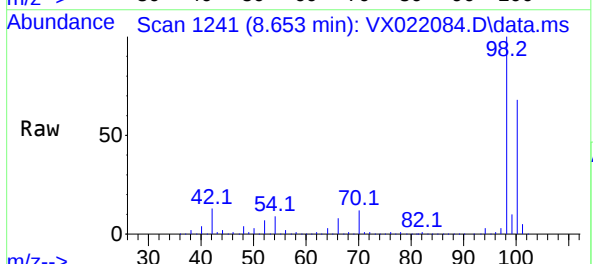
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 32.6  | 23.2  | 34.8  |
| 58  | 67.8  | 55.0  | 82.4  |

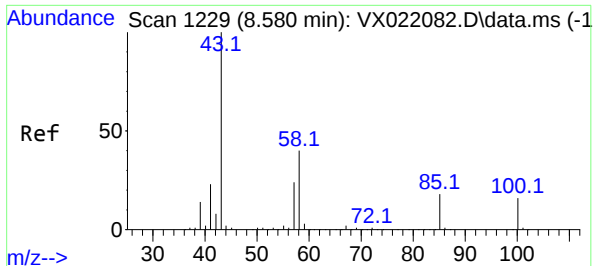


#50  
Toluene-d8  
Concen: 147.74 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 98 Resp: 693888

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 66.5  | 51.9  | 77.9  |

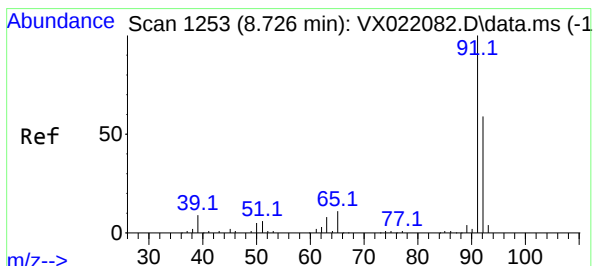
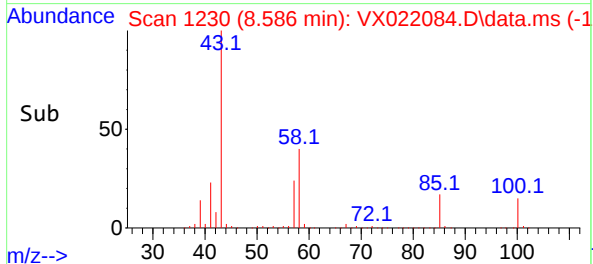
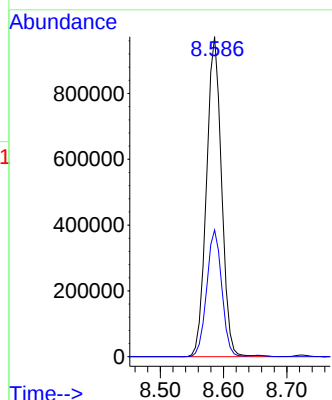
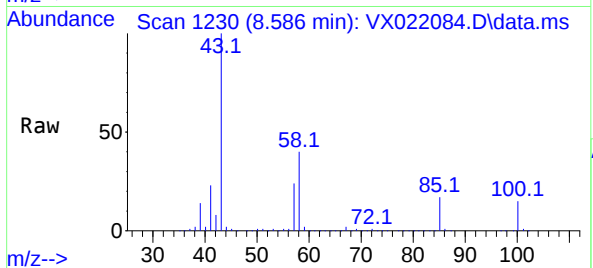




#51  
4-Methyl-2-Pentanone  
Concen: 667.18 ug/l  
RT: 8.586 min Scan# 1230  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

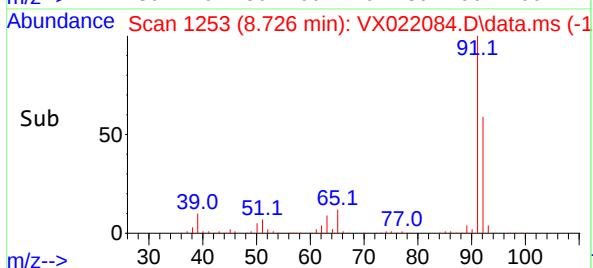
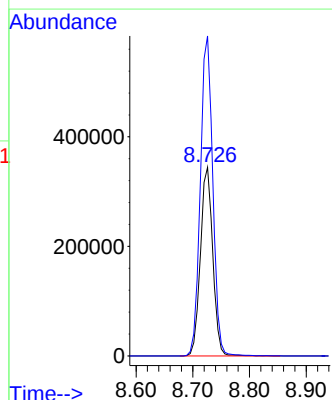
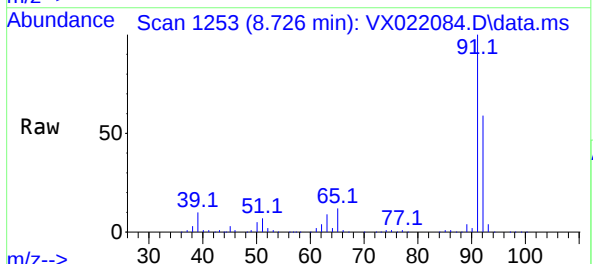
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

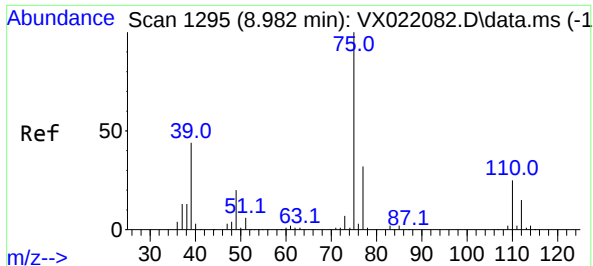
Tgt Ion: 43 Resp: 1614645  
Ion Ratio Lower Upper  
43 100  
58 39.5 35.4 53.0



#52  
Toluene  
Concen: 140.85 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 92 Resp: 519545  
Ion Ratio Lower Upper  
92 100  
91 170.8 137.1 205.7

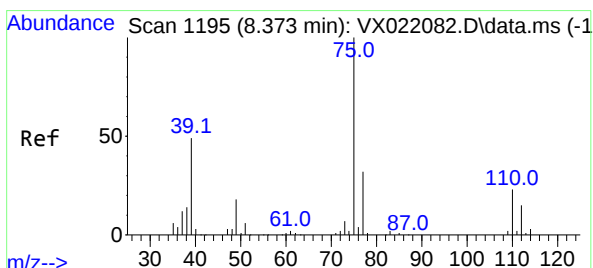
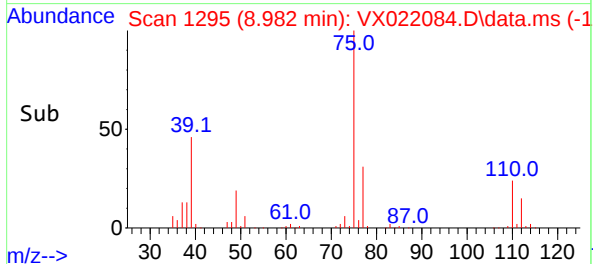
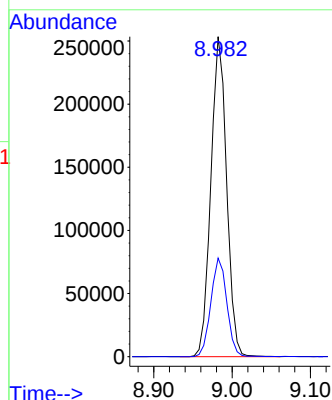
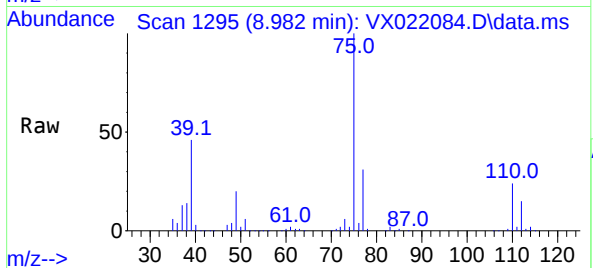




#53  
t-1,3-Dichloropropene  
Concen: 147.07 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

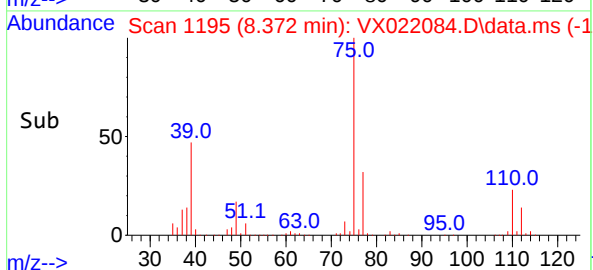
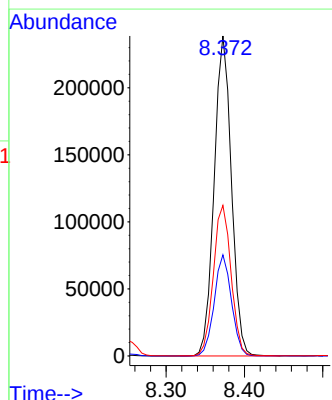
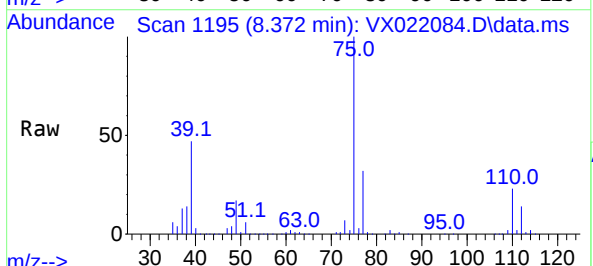
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

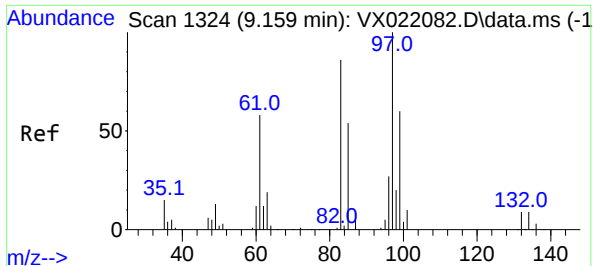
Tgt Ion: 75 Resp: 353199  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.9 37.3



#54  
cis-1,3-Dichloropropene  
Concen: 145.22 ug/l  
RT: 8.372 min Scan# 1195  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 75 Resp: 365819  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.7 38.5  
39 47.0 35.1 52.7



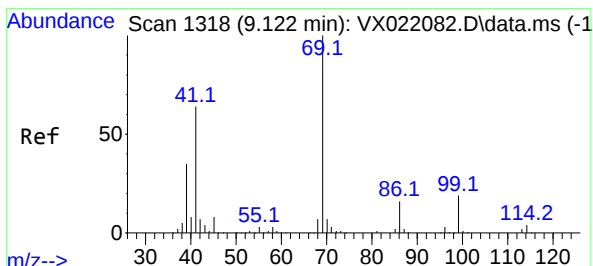
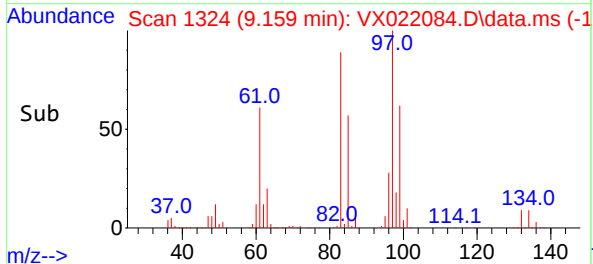
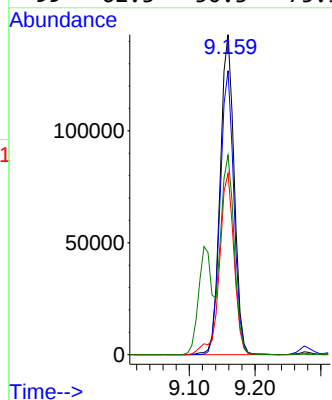
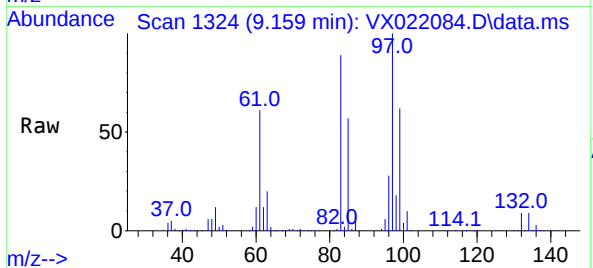


#55  
1,1,2-Trichloroethane  
Concen: 143.24 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 97 Resp: 212000

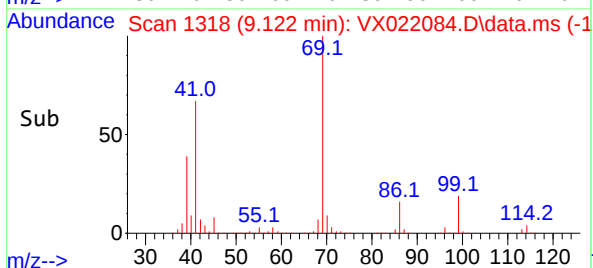
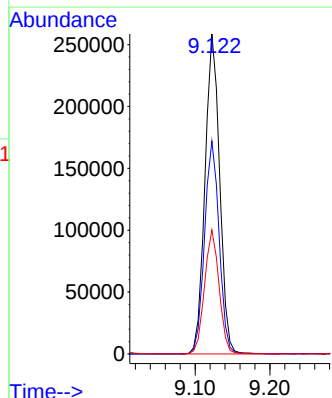
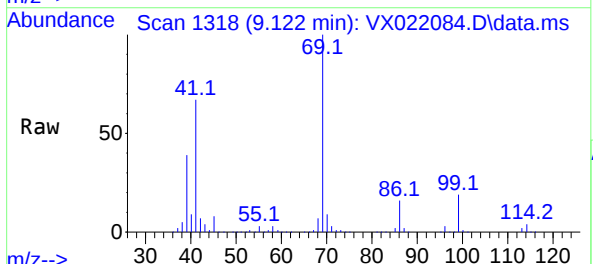
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.8  | 69.3  | 103.9 |
| 85  | 56.6  | 44.3  | 66.5  |
| 99  | 62.3  | 50.3  | 75.5  |

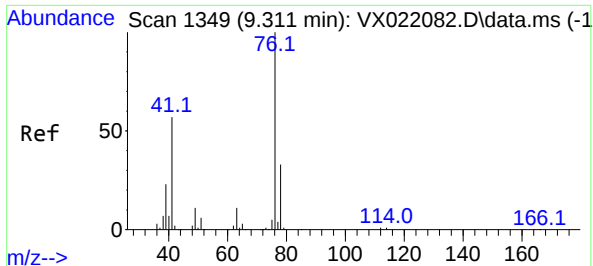


#56  
Ethyl methacrylate  
Concen: 136.19 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 69 Resp: 352742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.1  | 46.8  | 70.2  |
| 39  | 38.3  | 24.7  | 37.1# |

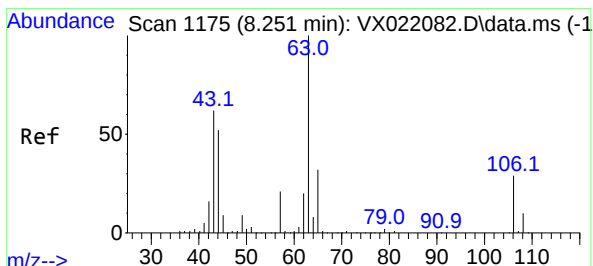
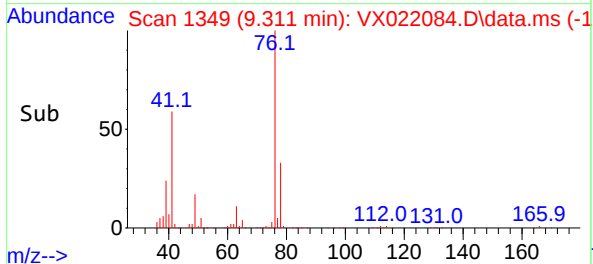
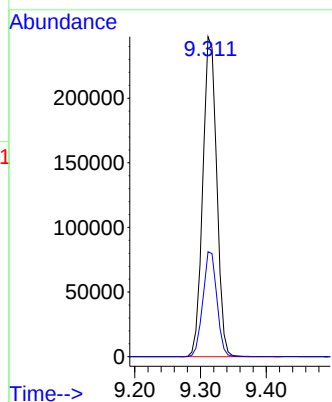
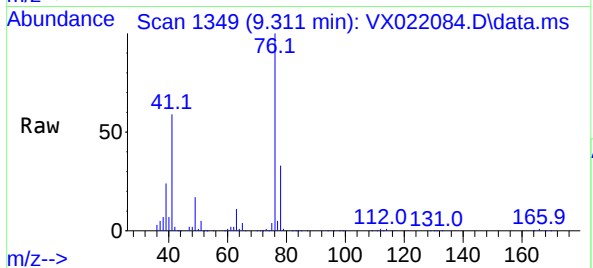




#57  
1,3-Dichloropropane  
Concen: 144.16 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

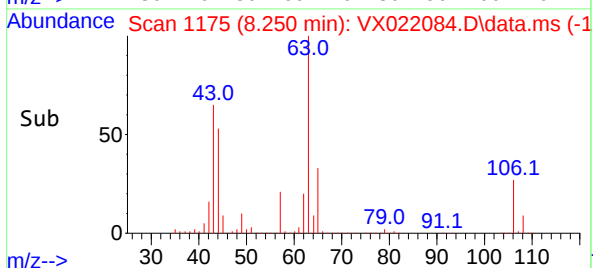
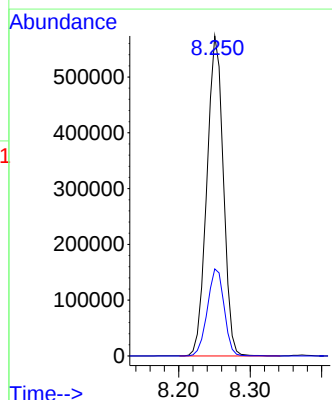
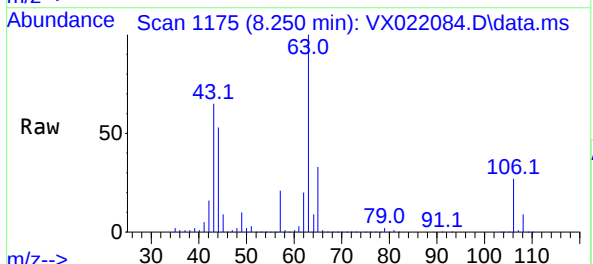
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

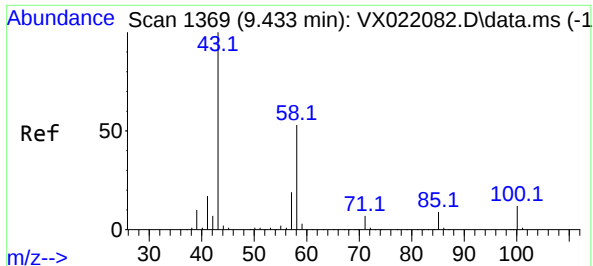
Tgt Ion: 76 Resp: 363790  
Ion Ratio Lower Upper  
76 100  
78 32.9 26.2 39.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 722.55 ug/l  
RT: 8.250 min Scan# 1175  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 63 Resp: 914953  
Ion Ratio Lower Upper  
63 100  
106 27.7 23.5 35.3

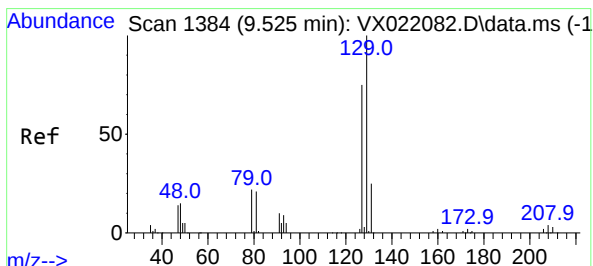
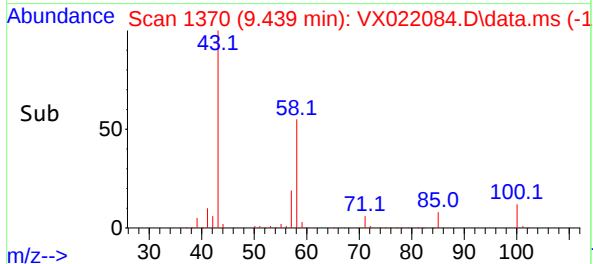
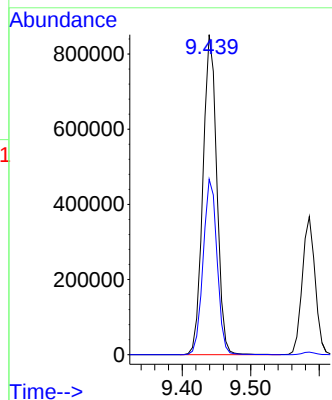
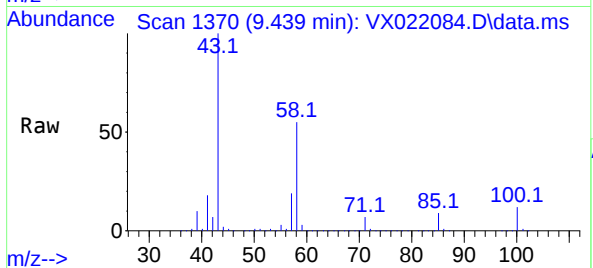




#59  
2-Hexanone  
Concen: 645.96 ug/l  
RT: 9.439 min Scan# 1370  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

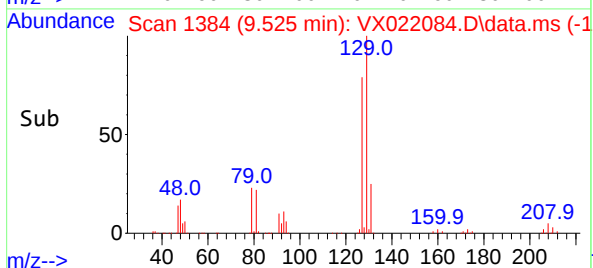
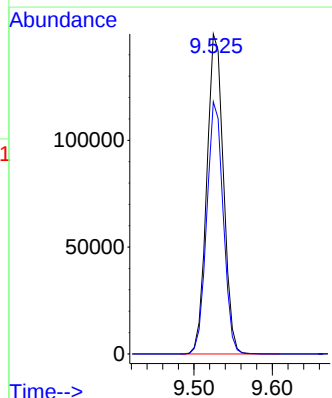
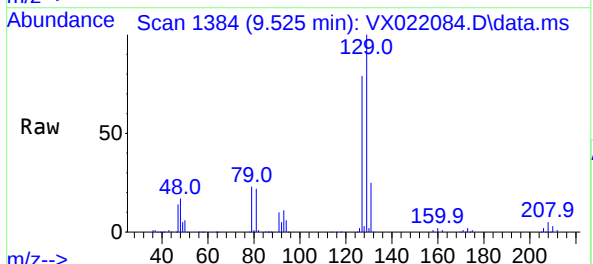
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

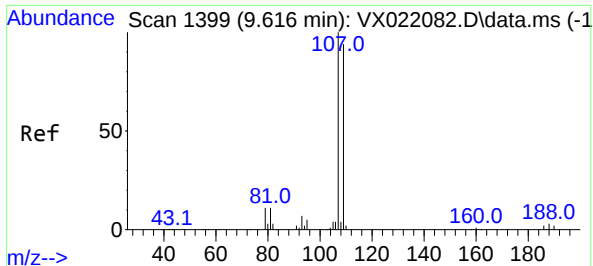
Tgt Ion: 43 Resp: 1198483  
Ion Ratio Lower Upper  
43 100  
58 55.1 30.9 92.8



#60  
Dibromochloromethane  
Concen: 139.27 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:129 Resp: 220502  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.4 115.2

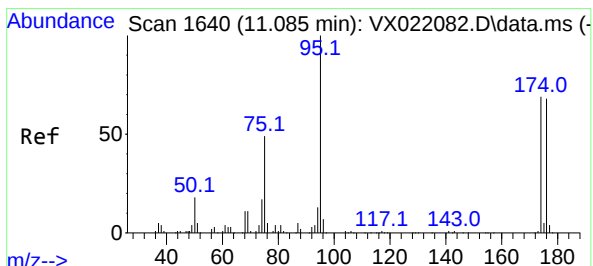
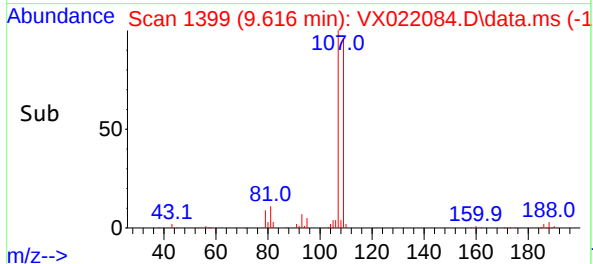
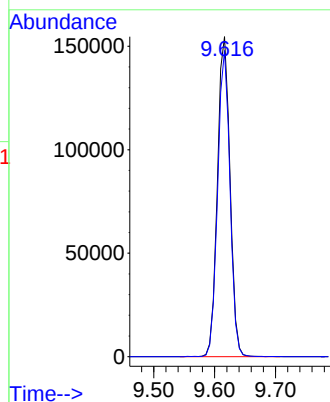
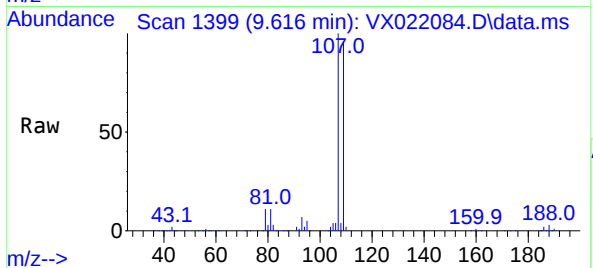




#61  
1,2-Dibromoethane  
Concen: 143.83 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

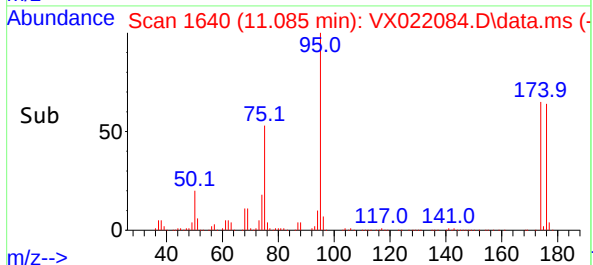
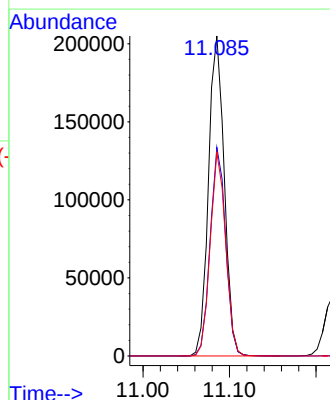
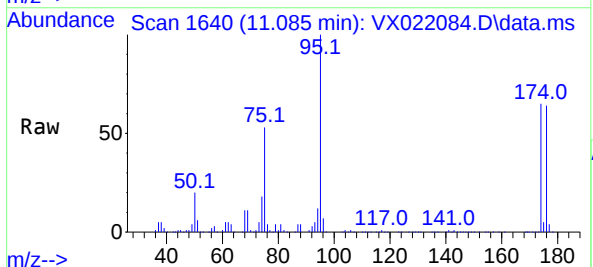
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

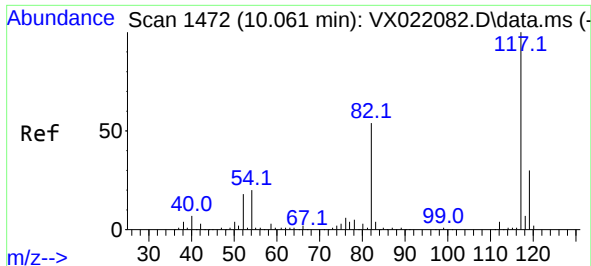
Tgt Ion:107 Resp: 221173  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 141.01 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 95 Resp: 258569  
Ion Ratio Lower Upper  
95 100  
174 64.2 0.0 154.6  
176 62.4 0.0 155.8



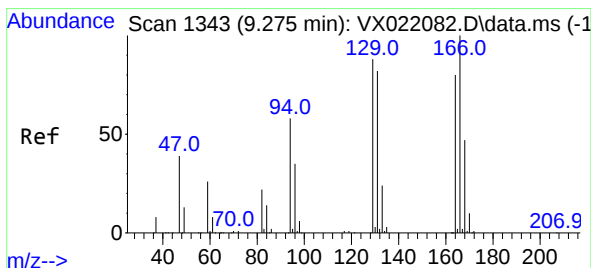
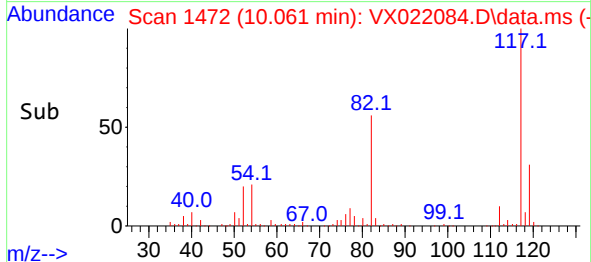
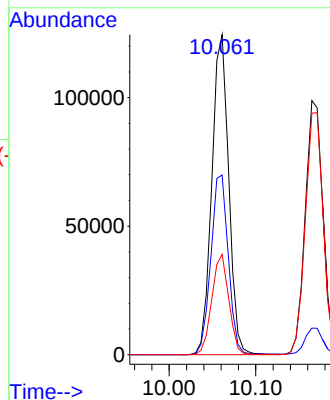
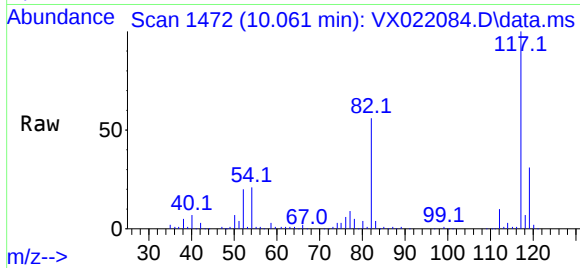


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:117 Resp: 168651

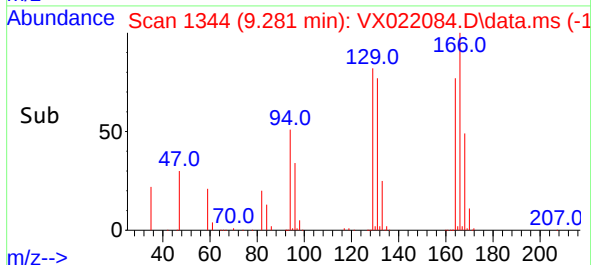
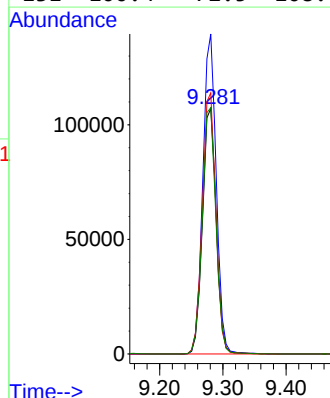
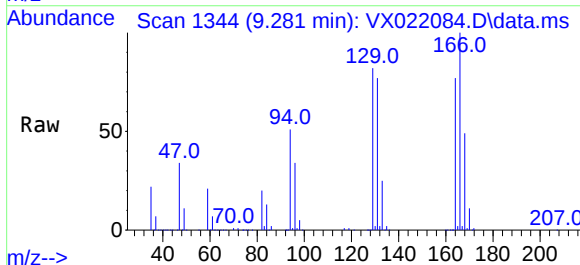
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.2  | 47.4  | 71.2  |
| 119 | 31.4  | 26.6  | 39.8  |

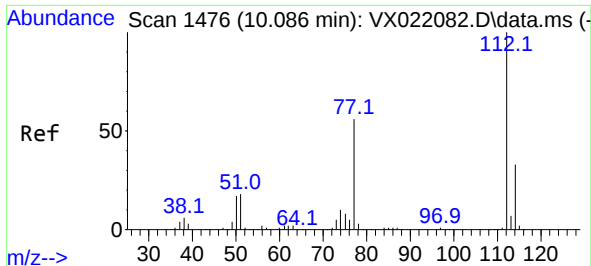


#64  
Tetrachloroethene  
Concen: 146.83 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:164 Resp: 161602

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 164 | 100   |       |        |
| 166 | 130.4 | 103.4 | 155.2  |
| 129 | 106.4 | 70.8  | 106.2# |
| 131 | 100.4 | 72.5  | 108.7  |

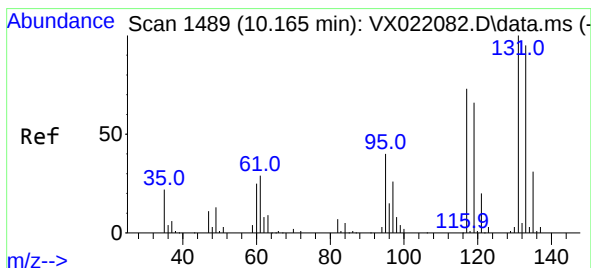
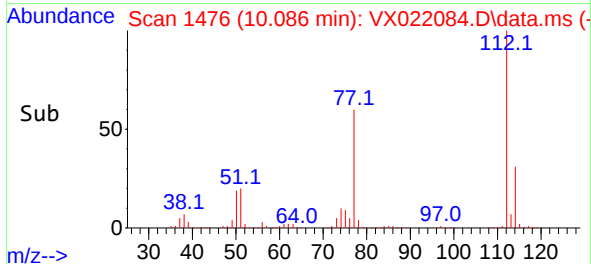
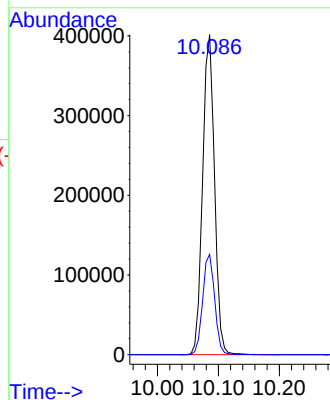
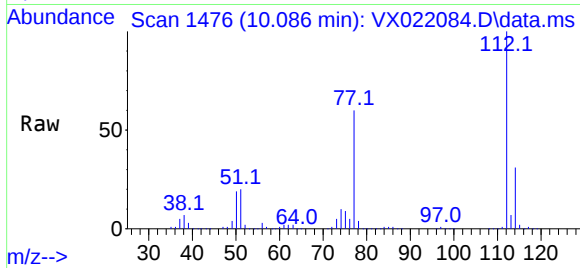




#65  
Chlorobenzene  
Concen: 140.98 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

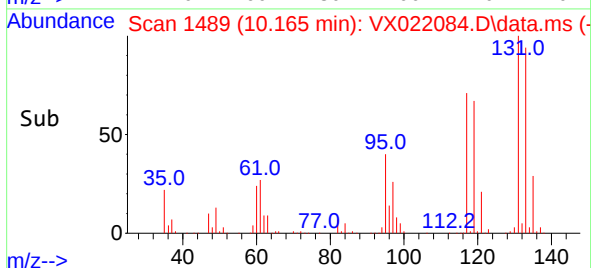
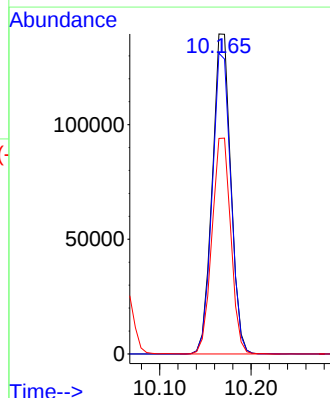
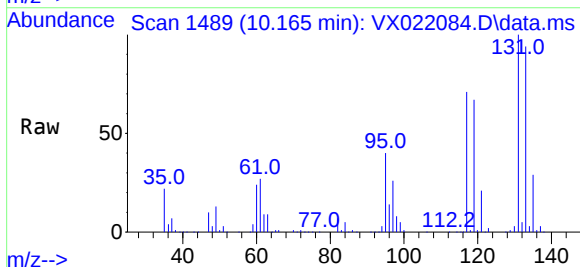
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

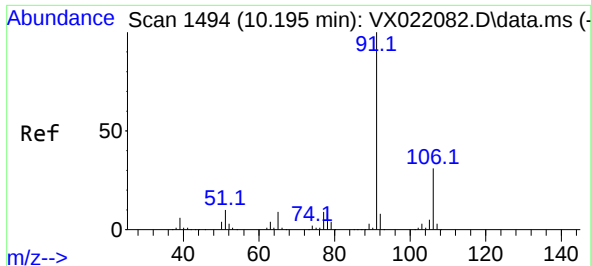
Tgt Ion:112 Resp: 544410  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 138.94 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:131 Resp: 197297  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.7 143.1  
119 68.4 32.1 96.5

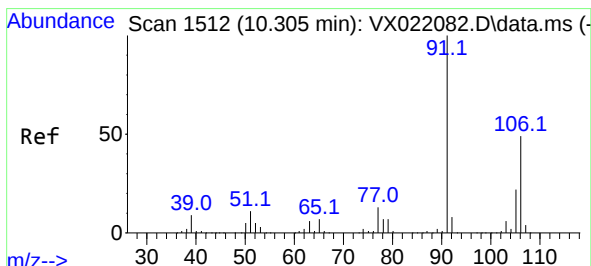
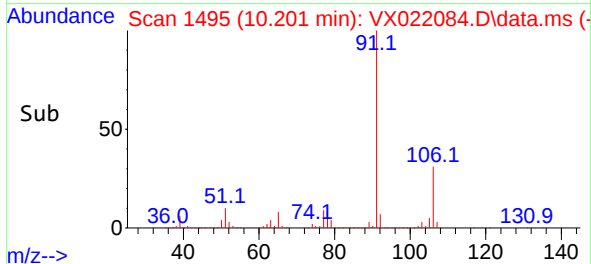
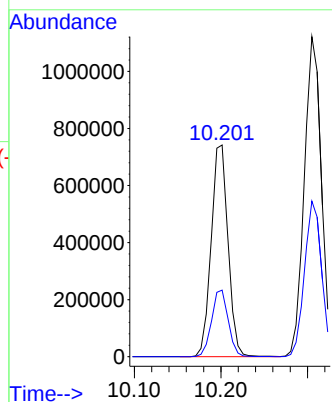
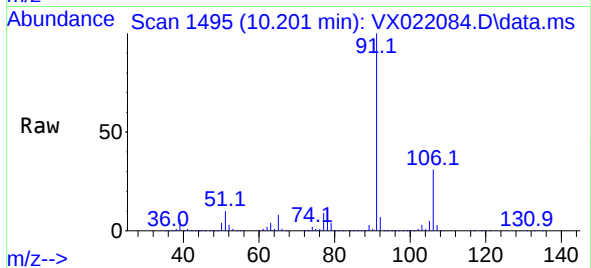




#67  
Ethyl Benzene  
Concen: 141.01 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

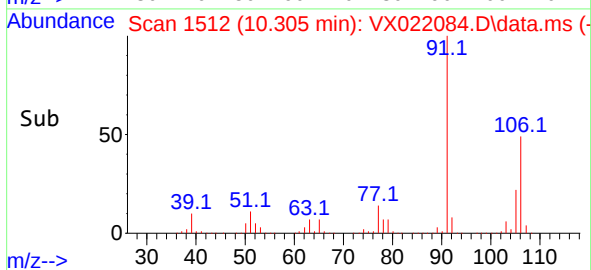
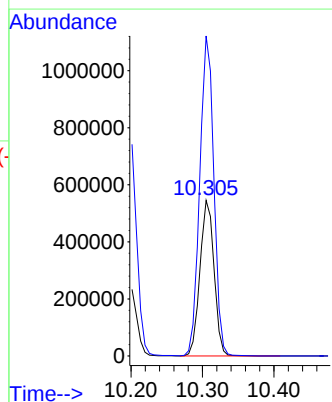
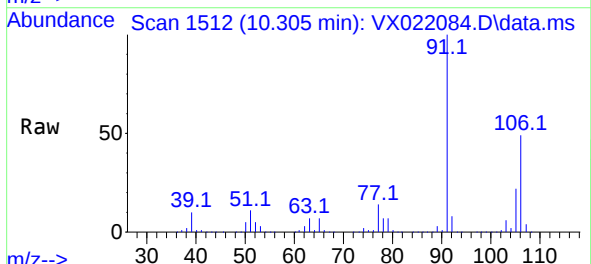
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

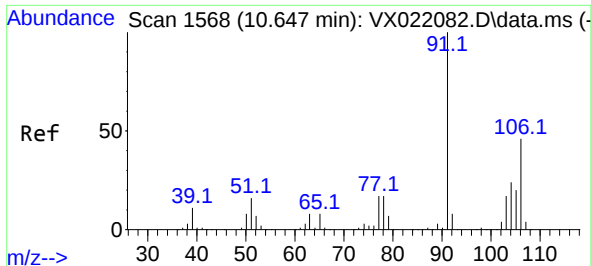
Tgt Ion: 91 Resp: 1002661  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.6 37.0



#68  
m/p-Xylenes  
Concen: 276.02 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:106 Resp: 746181  
Ion Ratio Lower Upper  
106 100  
91 205.6 162.8 244.2

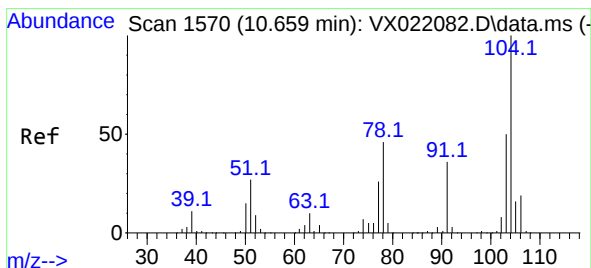
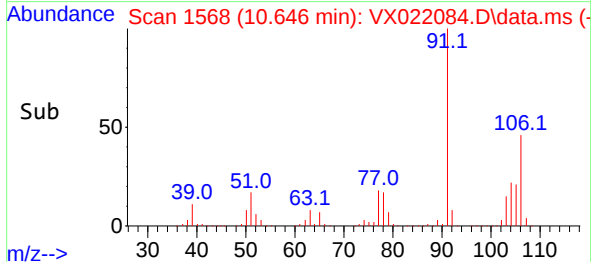
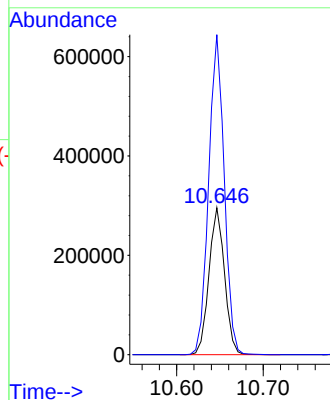
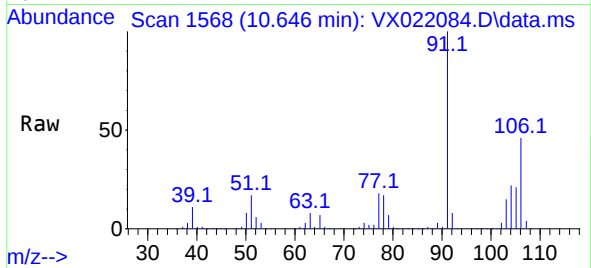




#69  
o-Xylene  
Concen: 136.14 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

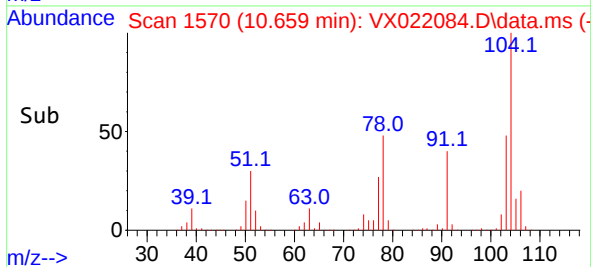
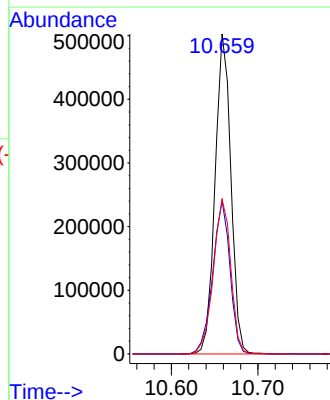
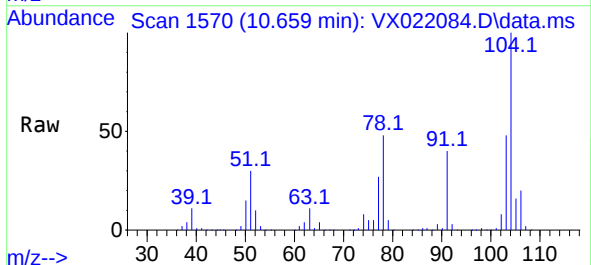
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

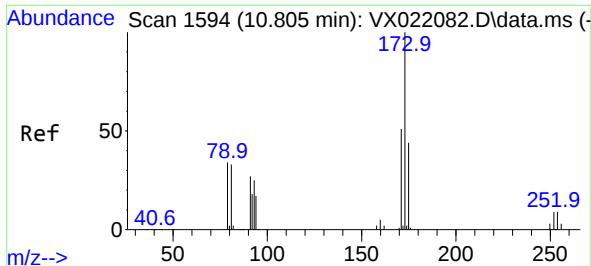
Tgt Ion:106 Resp: 368946  
Ion Ratio Lower Upper  
106 100  
91 217.6 108.1 324.2



#70  
Styrene  
Concen: 142.69 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:104 Resp: 637499  
Ion Ratio Lower Upper  
104 100  
78 52.4 40.0 60.0  
103 53.5 43.4 65.0

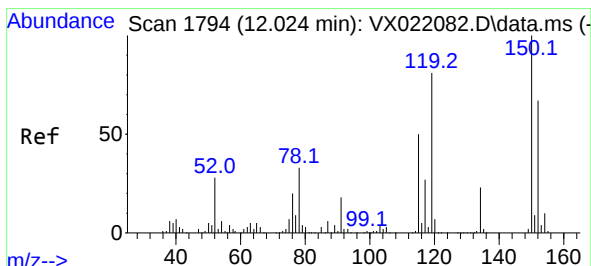
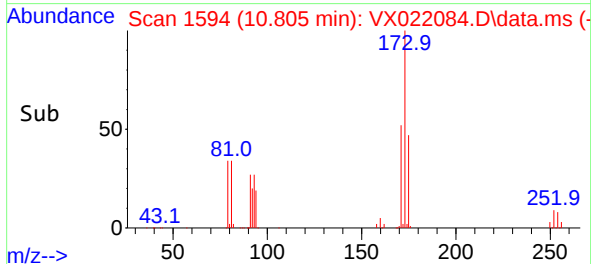
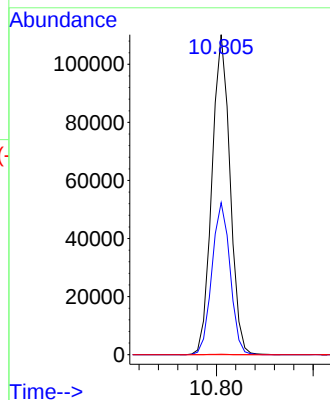
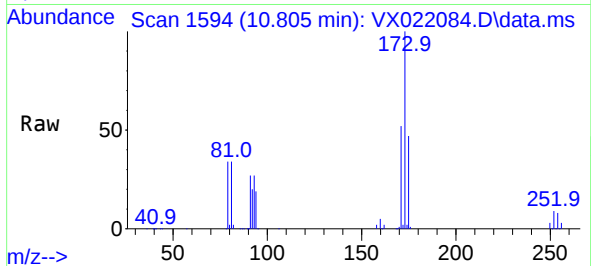




#71  
Bromoform  
Concen: 133.97 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

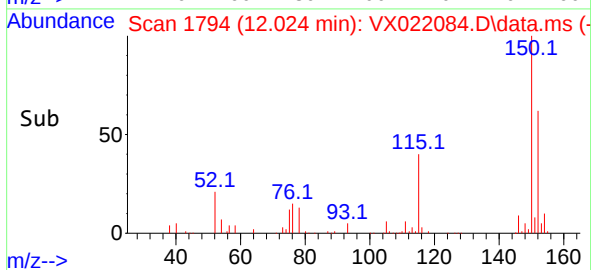
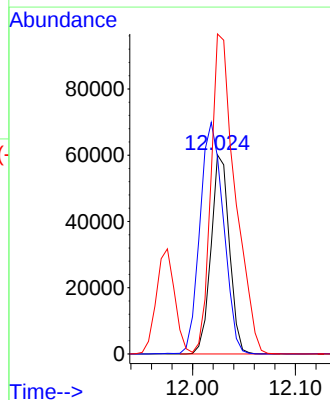
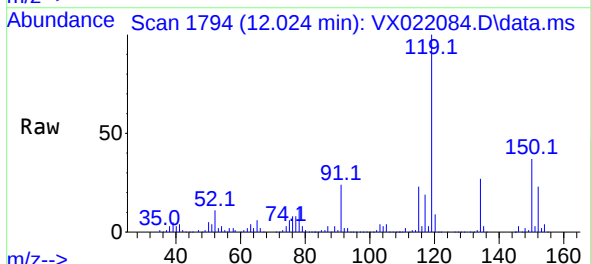
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

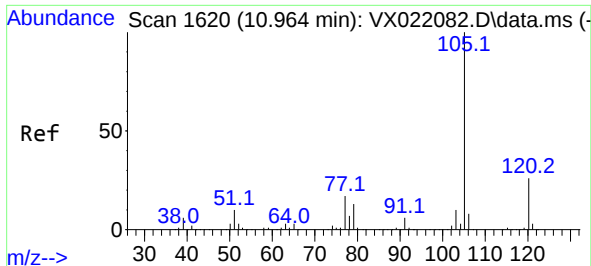
Tgt Ion:173 Resp: 142680  
Ion Ratio Lower Upper  
173 100  
175 47.7 23.9 71.8  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:152 Resp: 74450  
Ion Ratio Lower Upper  
152 100  
115 149.2 41.1 123.3#  
150 212.6 0.0 349.0

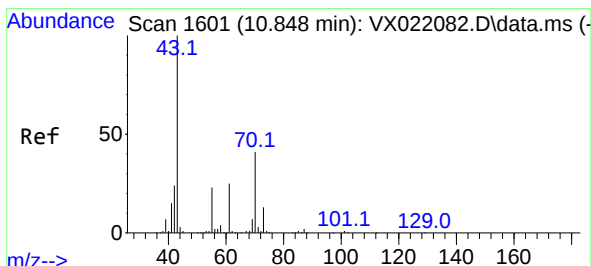
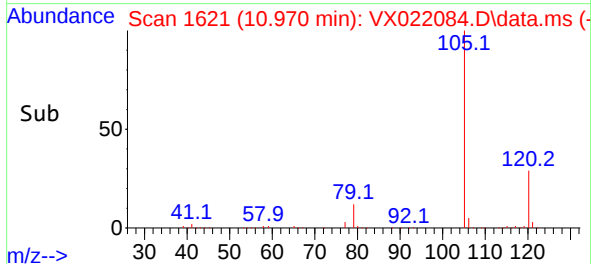
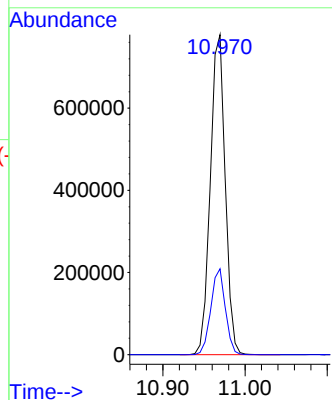
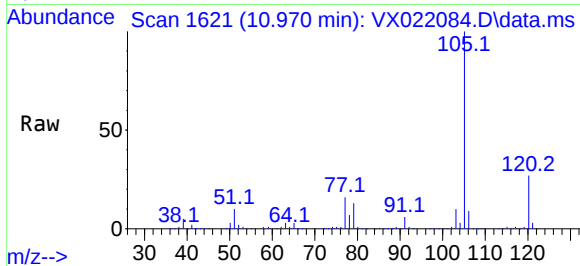




#73  
Isopropylbenzene  
Concen: 146.74 ug/l  
RT: 10.970 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

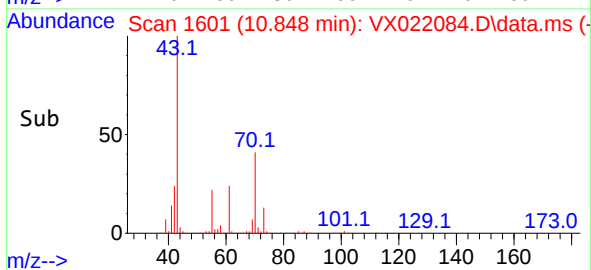
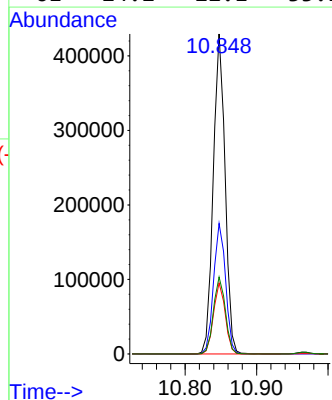
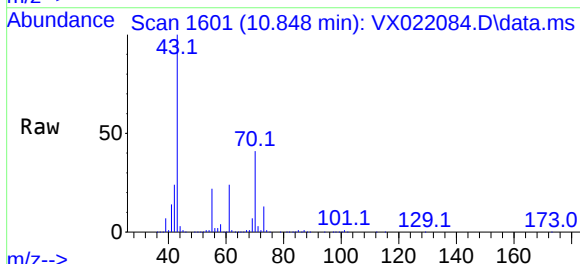
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

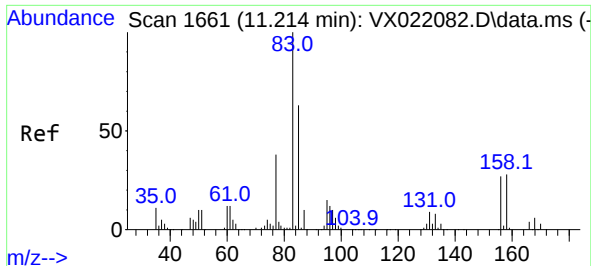
Tgt Ion:105 Resp: 979998  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.2 39.6



#74  
N-ethyl acetate  
Concen: 139.57 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 43 Resp: 492349  
Ion Ratio Lower Upper  
43 100  
70 41.5 39.0 58.6  
55 22.1 21.5 32.3  
61 24.2 22.1 33.1

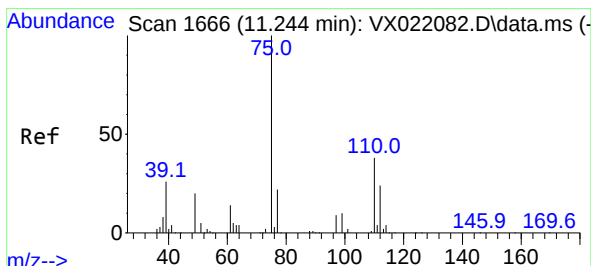
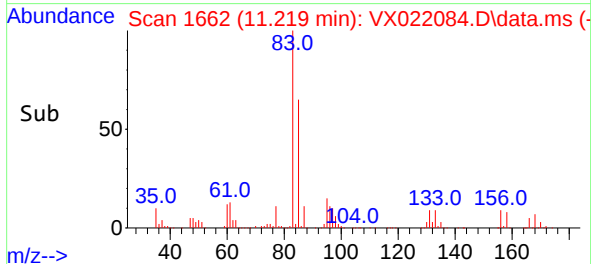
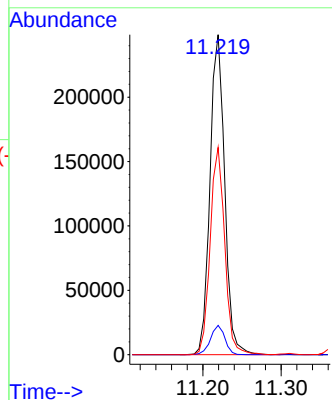
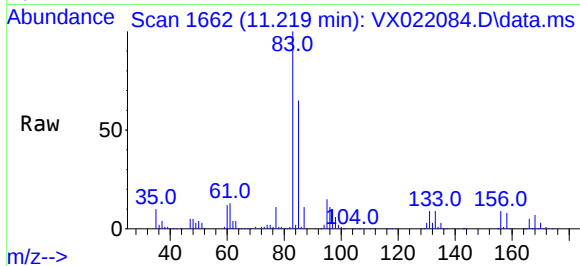




#75  
1,1,2,2-Tetrachloroethane  
Concen: 131.47 ug/l  
RT: 11.219 min Scan# 1662  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

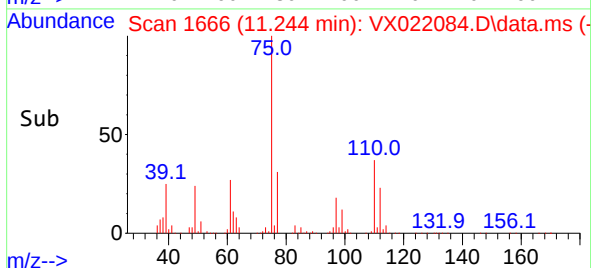
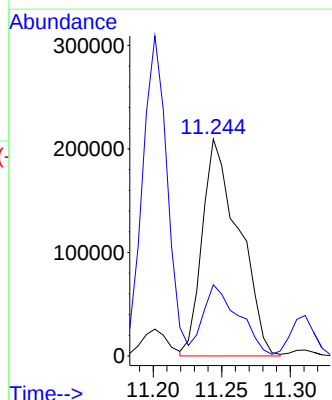
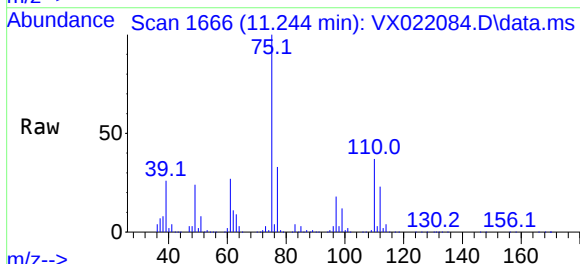
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

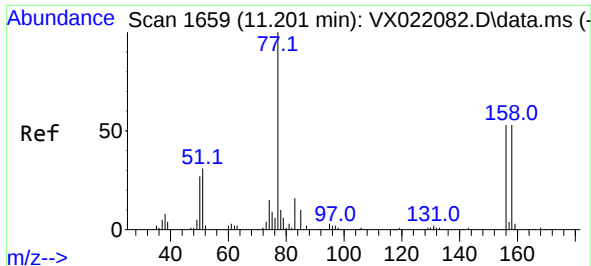
Tgt Ion: 83 Resp: 322173  
Ion Ratio Lower Upper  
83 100  
131 9.0 5.1 15.2  
85 64.4 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 187.36 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 75 Resp: 390098  
Ion Ratio Lower Upper  
75 100  
77 31.7 19.1 57.5

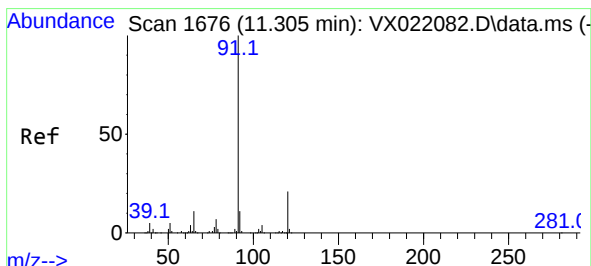
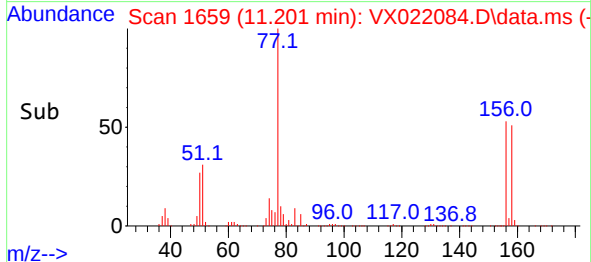
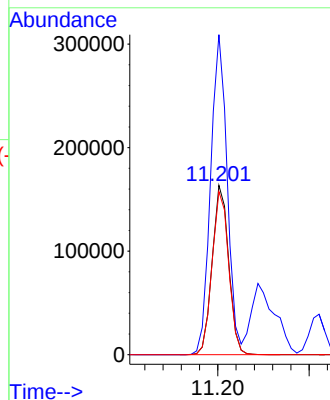
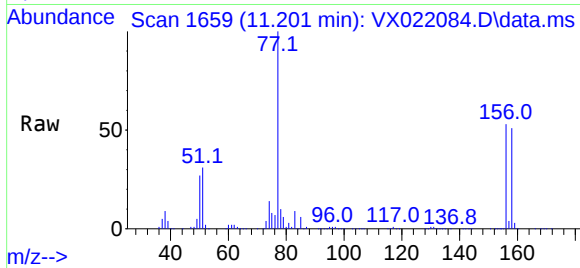




#77  
Bromobenzene  
Concen: 142.72 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

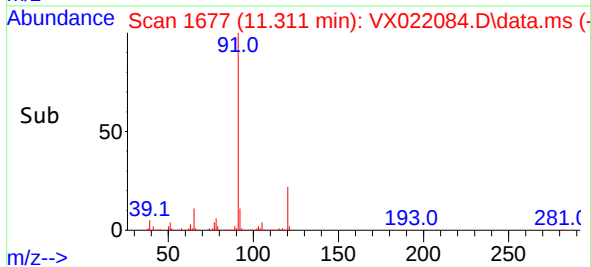
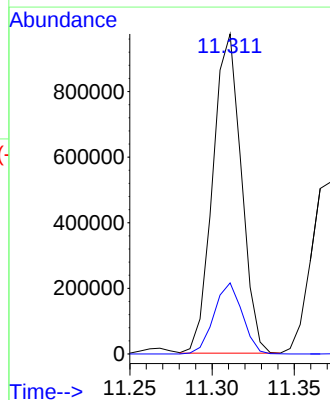
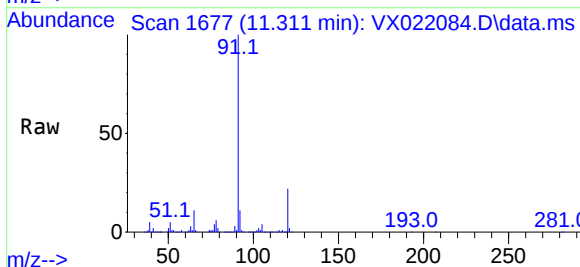
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

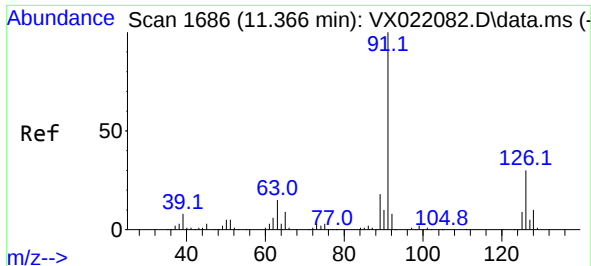
Tgt Ion:156 Resp: 205219  
Ion Ratio Lower Upper  
156 100  
77 189.4 82.8 248.6  
158 97.2 49.1 147.4



#78  
n-propylbenzene  
Concen: 148.80 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 91 Resp: 1175562  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.5 34.5

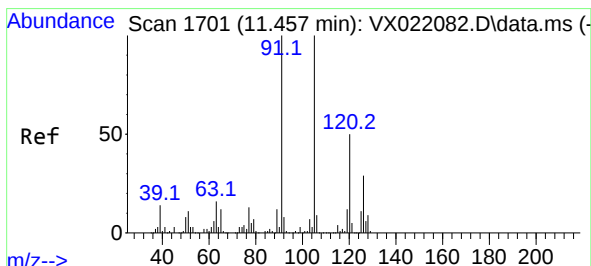
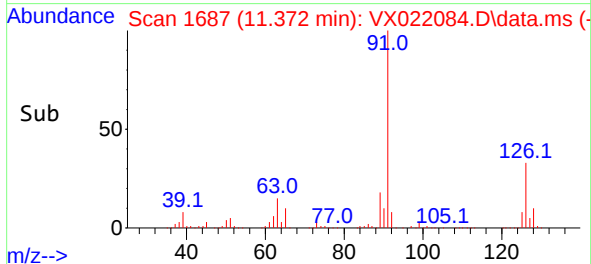
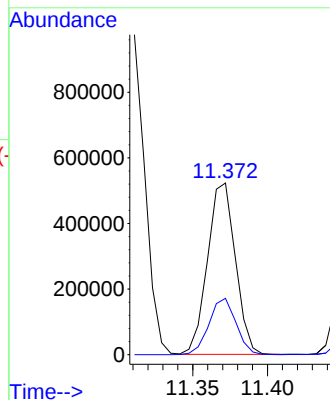
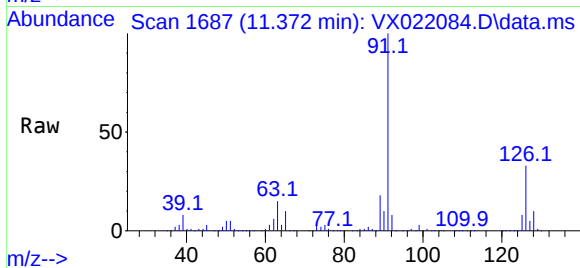




#79  
2-Chlorotoluene  
Concen: 141.74 ug/l  
RT: 11.372 min Scan# 1687  
Delta R.T. 0.006 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

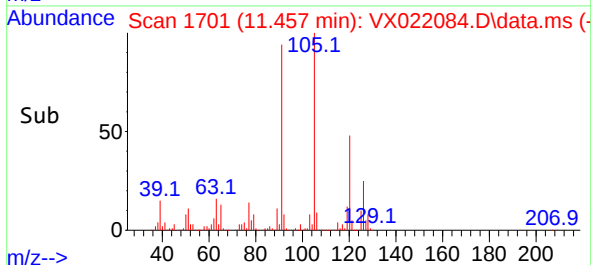
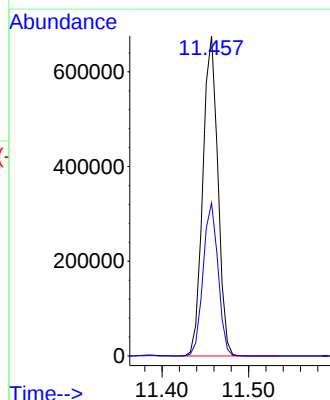
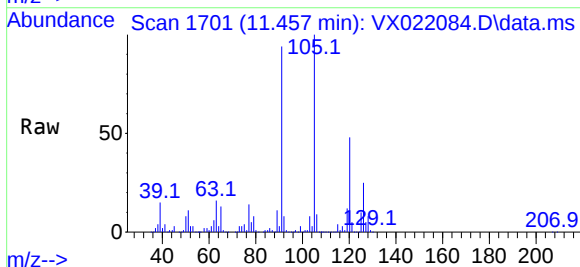
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

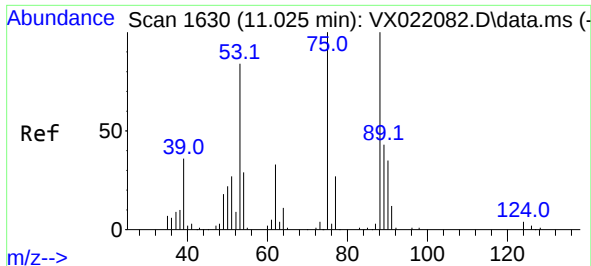
Tgt Ion: 91 Resp: 677890  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.6 49.8



#80  
1,3,5-Trimethylbenzene  
Concen: 142.47 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

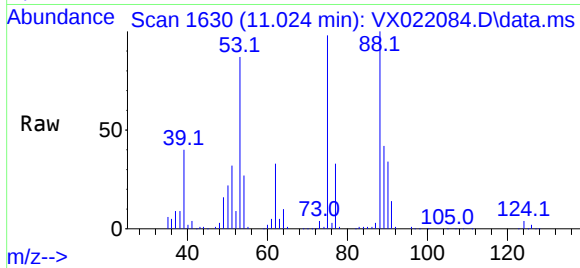
Tgt Ion: 105 Resp: 813510  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.8 71.5



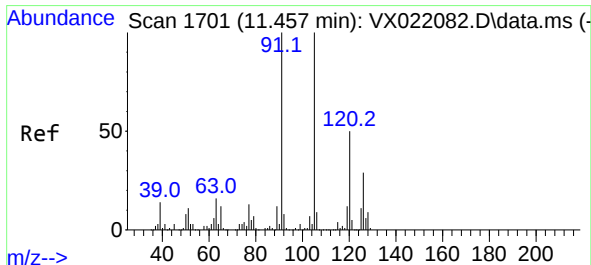
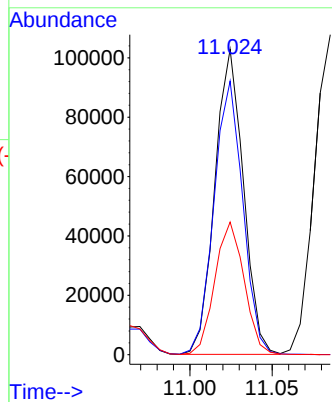
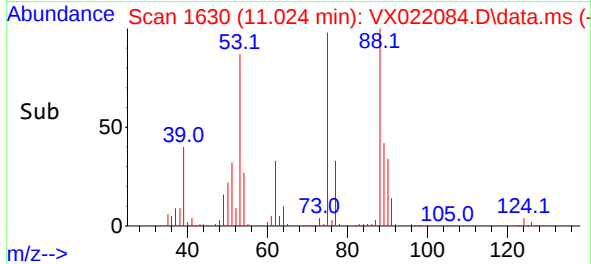


#81  
trans-1,4-Dichloro-2-butene  
Concen: 139.37 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

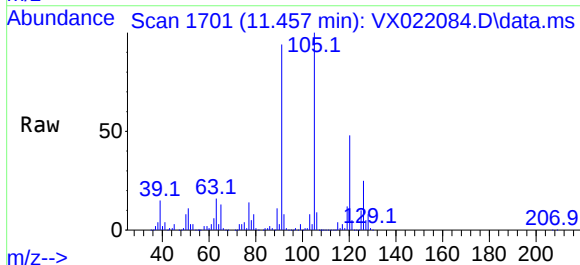
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



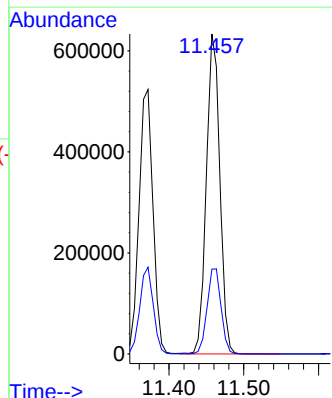
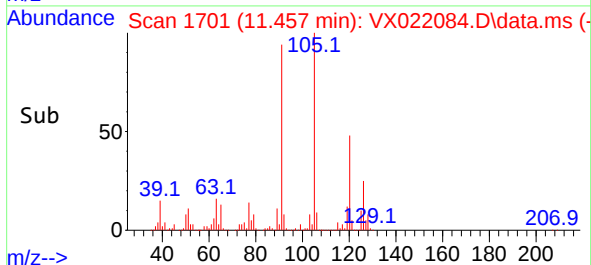
Tgt Ion: 75 Resp: 124254  
Ion Ratio Lower Upper  
75 100  
53 90.6 74.5 111.7  
89 44.7 37.9 56.9

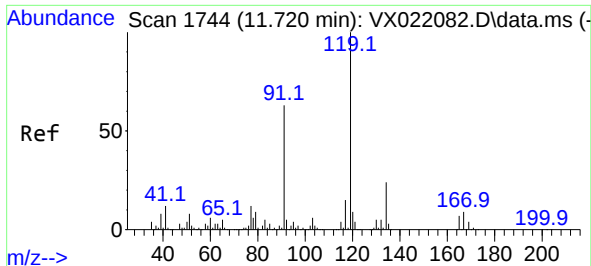


#82  
4-Chlorotoluene  
Concen: 144.00 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03



Tgt Ion: 91 Resp: 792067  
Ion Ratio Lower Upper  
91 100  
126 27.7 14.9 44.5

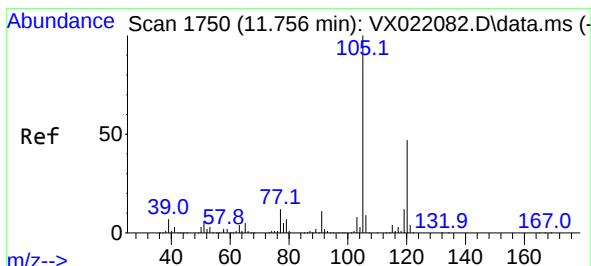
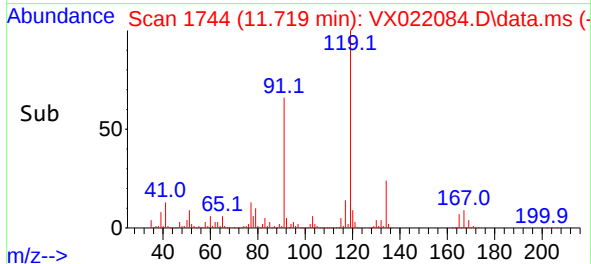
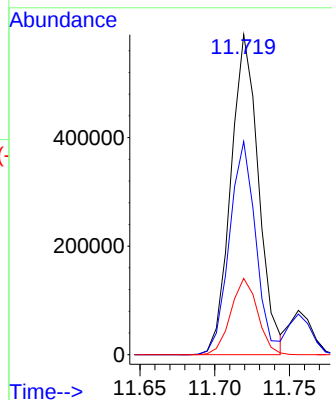
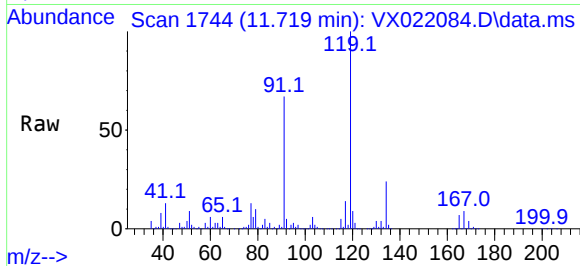




#83  
tert-Butylbenzene  
Concen: 137.61 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

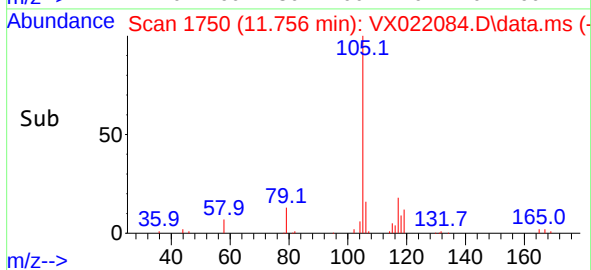
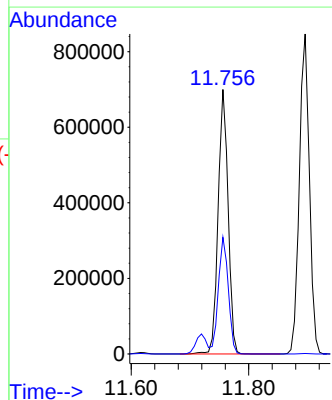
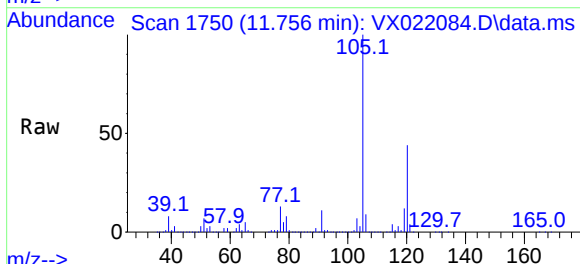
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

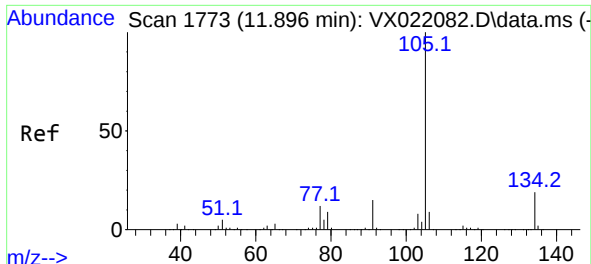
Tgt Ion:119 Resp: 761373  
Ion Ratio Lower Upper  
119 100  
91 63.4 27.9 83.7  
134 23.0 11.3 33.9



#84  
1,2,4-Trimethylbenzene  
Concen: 143.24 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:105 Resp: 821013  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.4 67.3

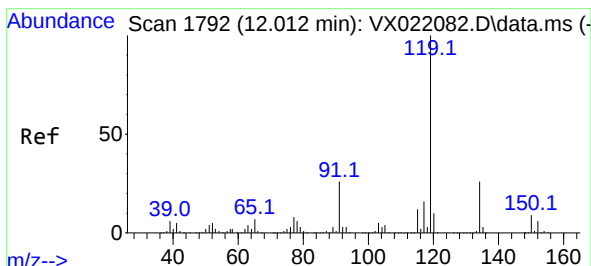
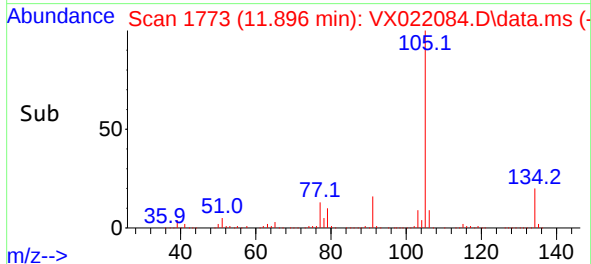
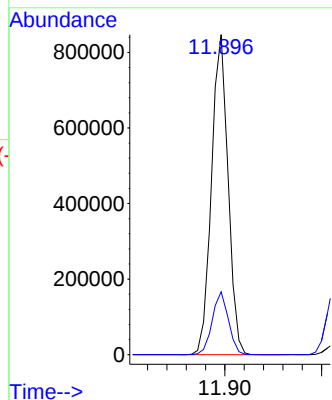
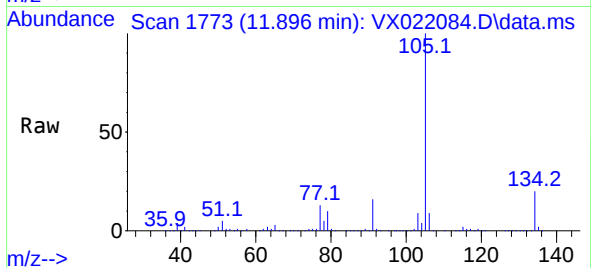




#85  
sec-Butylbenzene  
Concen: 147.45 ug/l  
RT: 11.896 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

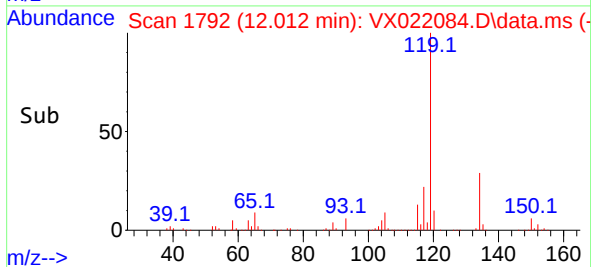
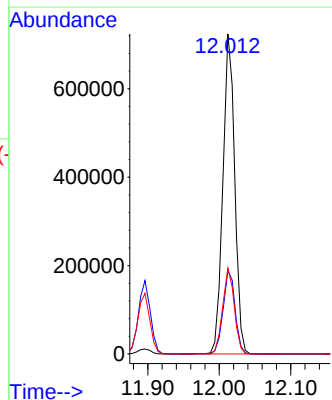
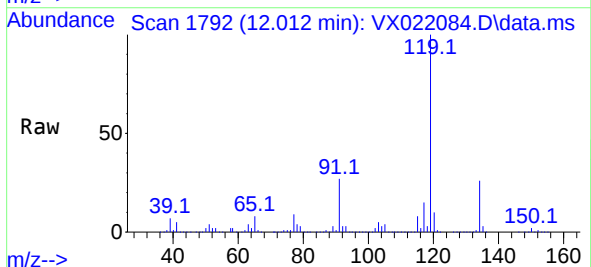
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

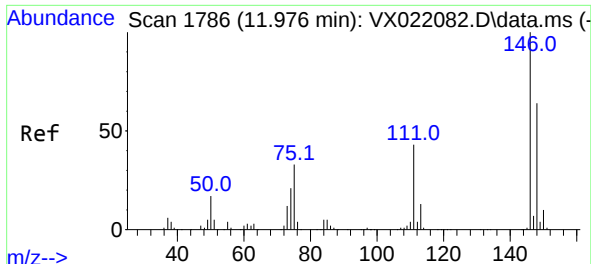
Tgt Ion:105 Resp: 1005980  
Ion Ratio Lower Upper  
105 100  
134 19.2 10.0 29.8



#86  
p-Isopropyltoluene  
Concen: 144.12 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:119 Resp: 834476  
Ion Ratio Lower Upper  
119 100  
134 26.3 12.9 38.7  
91 26.3 11.7 35.0

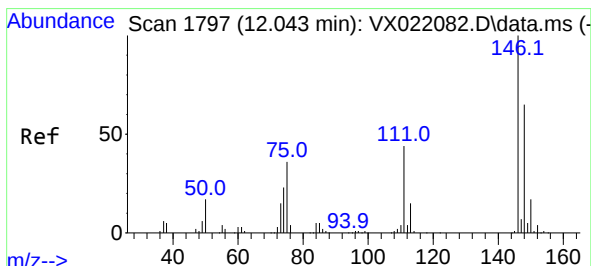
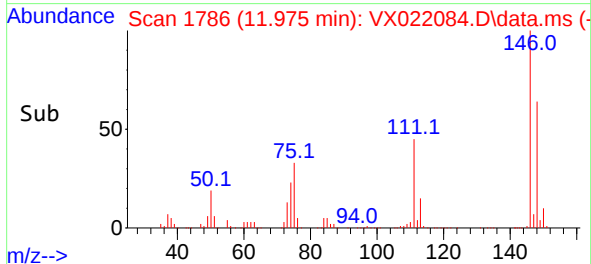
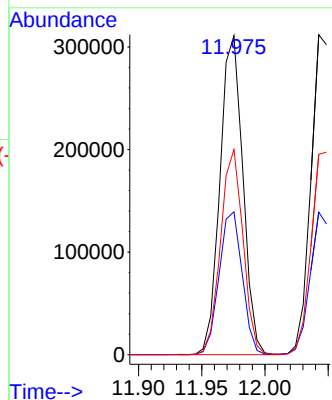
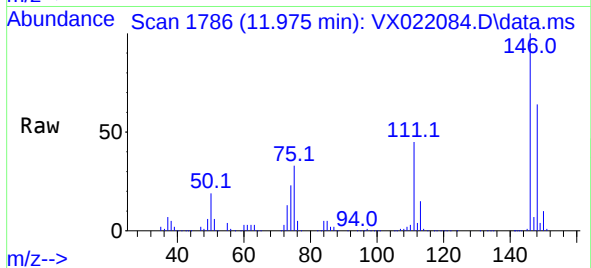




#87  
1,3-Dichlorobenzene  
Concen: 143.66 ug/l  
RT: 11.975 min Scan# 1786  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

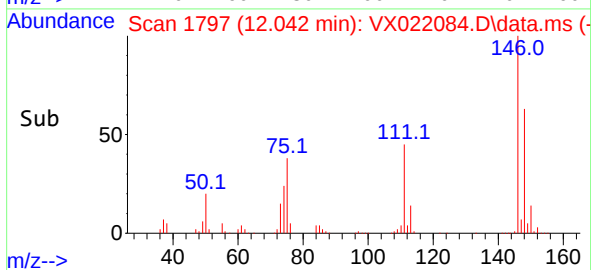
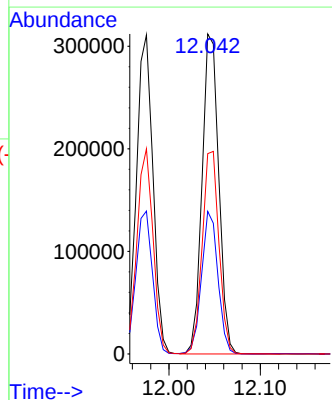
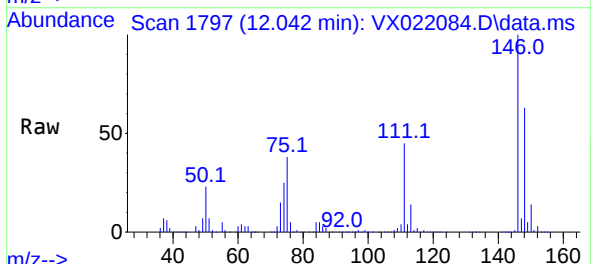
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

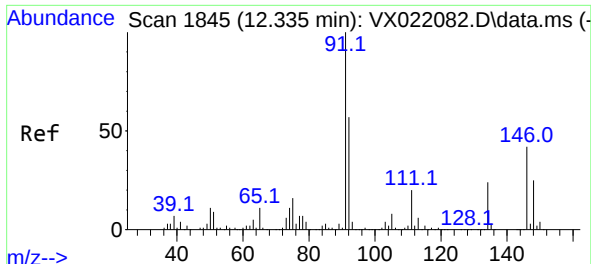
Tgt Ion:146 Resp: 390865  
Ion Ratio Lower Upper  
146 100  
111 45.4 20.2 60.5  
148 63.1 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 140.99 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:146 Resp: 395043  
Ion Ratio Lower Upper  
146 100  
111 43.8 19.6 58.8  
148 63.6 31.6 95.0

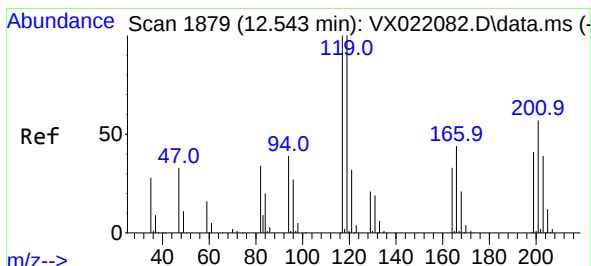
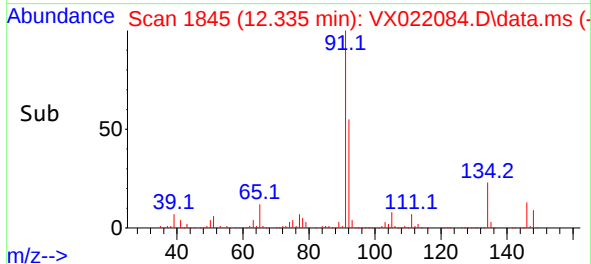
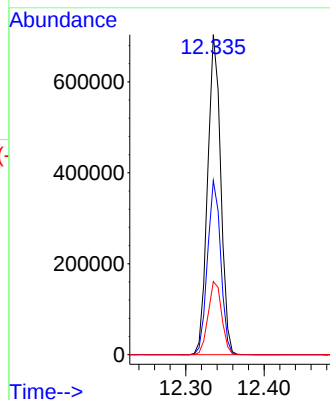
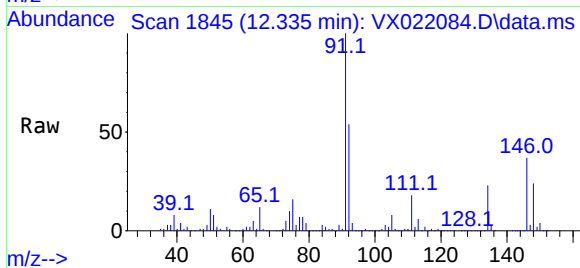




#89  
n-Butylbenzene  
Concen: 152.77 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

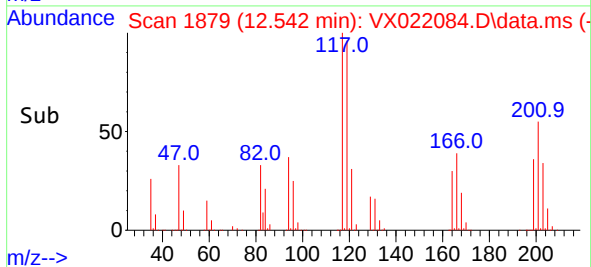
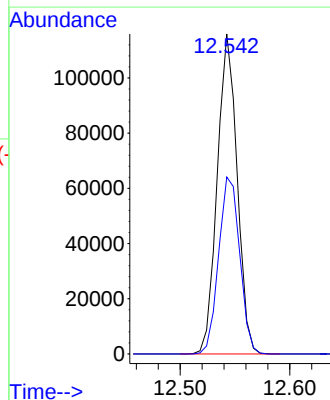
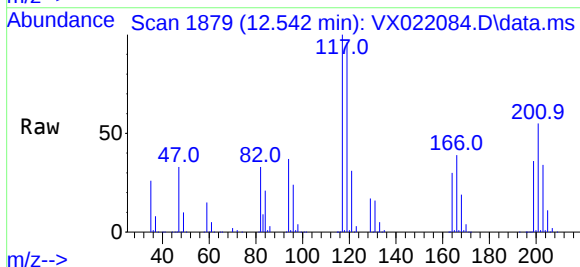
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

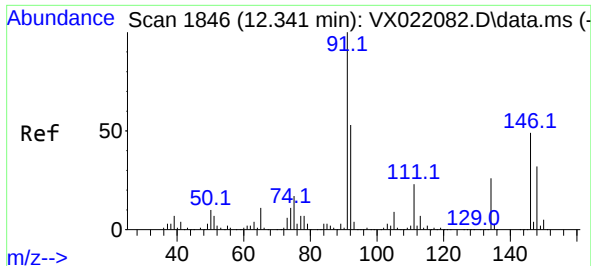
Tgt Ion: 91 Resp: 814619  
Ion Ratio Lower Upper  
91 100  
92 54.7 27.4 82.0  
134 23.6 13.2 39.5



#90  
Hexachloroethane  
Concen: 139.77 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 117 Resp: 146136  
Ion Ratio Lower Upper  
117 100  
201 58.6 40.4 121.2

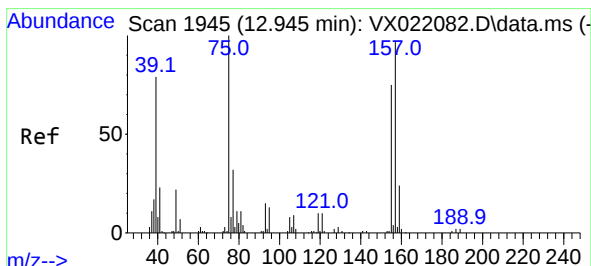
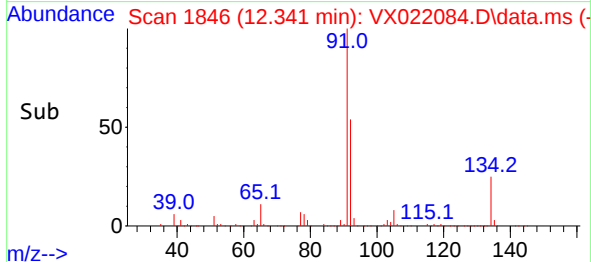
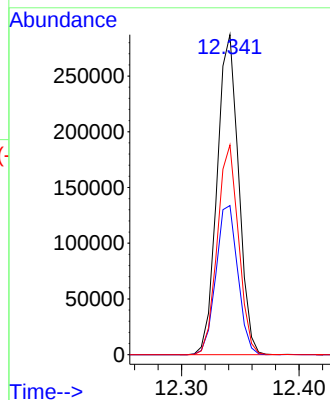
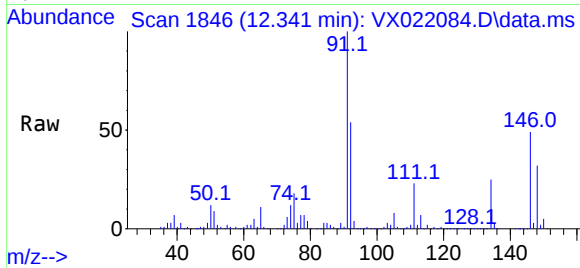




#91  
1,2-Dichlorobenzene  
Concen: 136.82 ug/l  
RT: 12.341 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

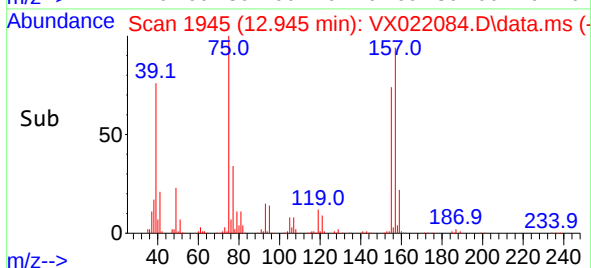
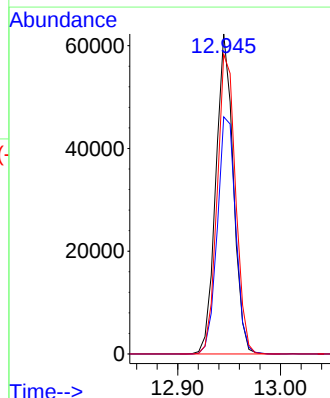
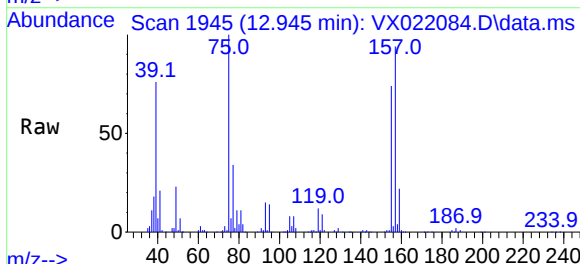
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

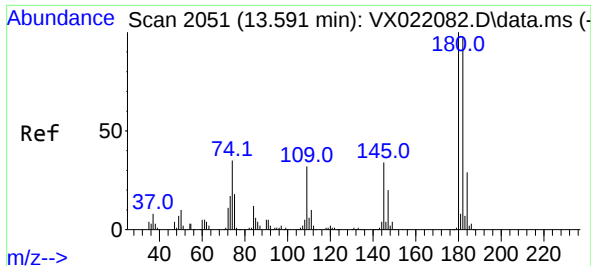
Tgt Ion:146 Resp: 365581  
Ion Ratio Lower Upper  
146 100  
111 47.5 20.8 62.2  
148 64.5 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 124.79 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion: 75 Resp: 73333  
Ion Ratio Lower Upper  
75 100  
155 77.9 45.3 135.9  
157 98.2 57.7 173.1

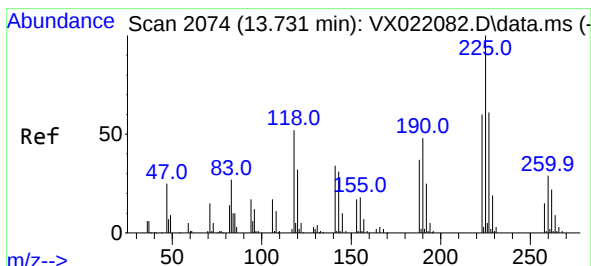
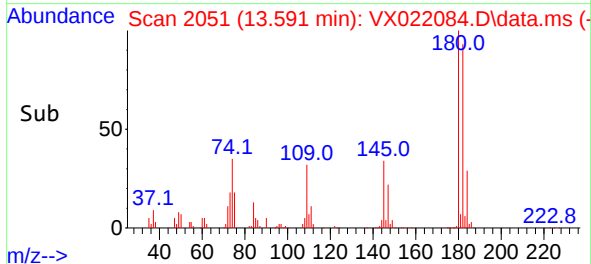
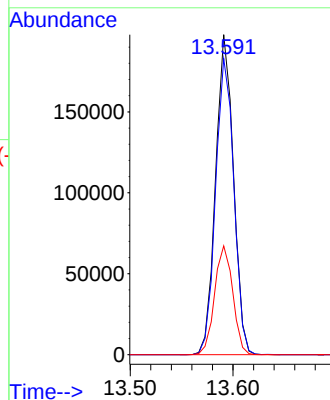
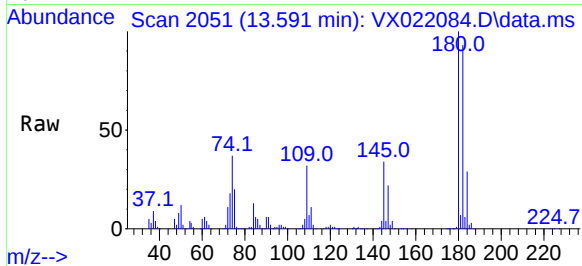




#93  
1,2,4-Trichlorobenzene  
Concen: 147.82 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

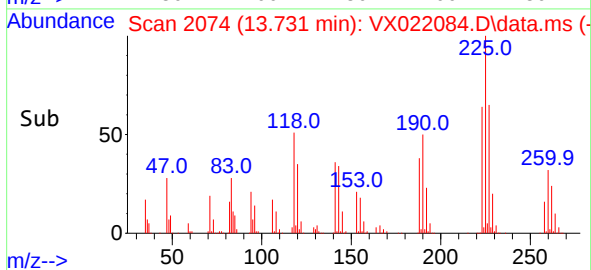
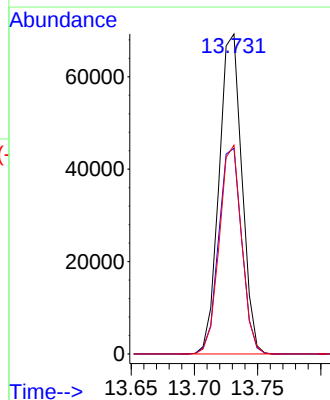
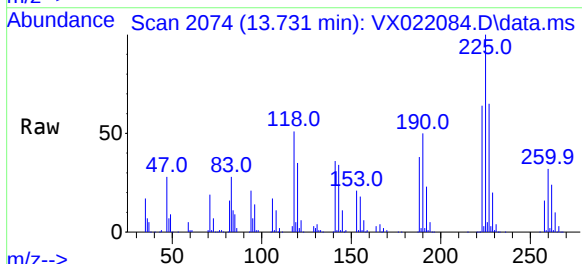
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

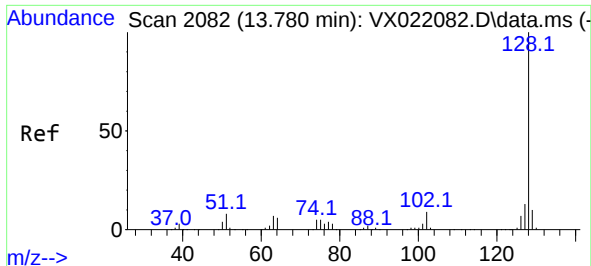
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 238425 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.4  | 47.7  | 143.1  |
| 145       | 34.6  | 15.0  | 45.0   |



#94  
Hexachlorobutadiene  
Concen: 138.36 ug/l  
RT: 13.731 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 86917 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.8  | 31.1  | 93.2  |
| 227       | 63.6  | 31.6  | 95.0  |



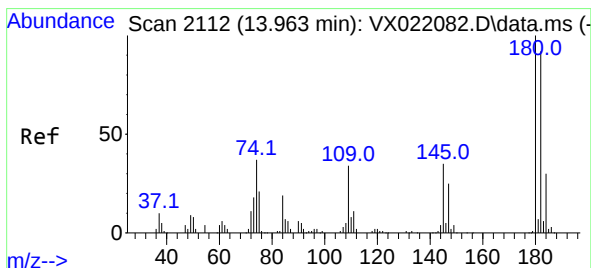
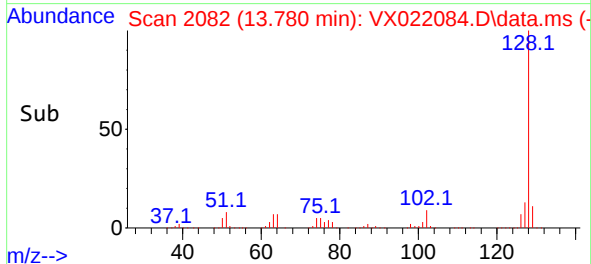
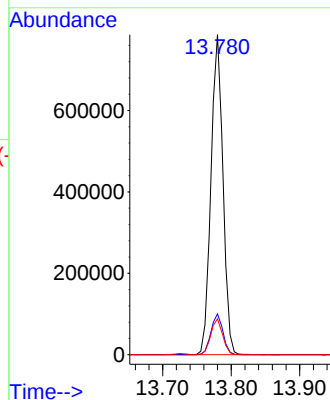
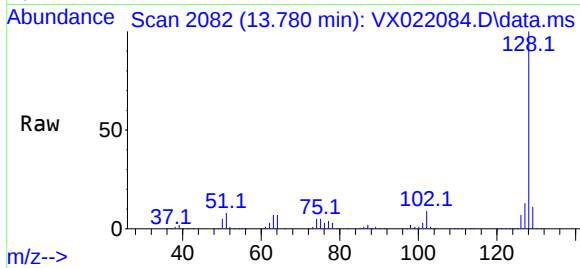


#95  
Naphthalene  
Concen: 145.98 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 955722

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.8  | 10.3  | 15.5  |
| 129 | 11.1  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 145.86 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX022084.D  
Acq: 19 May 2021 13:03

Tgt Ion:180 Resp: 237943

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.8  | 47.6  | 142.9 |
| 145 | 37.1  | 16.1  | 48.3  |

