

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121420\
 Data File : VX020001.D
 Acq On : 14 Dec 2020 20:54
 Operator : JC/MD
 Sample : L5052-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 TU032-32-5229-121020MSD

Quant Time: Dec 15 00:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene | 5.63 | 168 | 231615 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 410019 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.09 | 117 | 382922 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 173388 | 50.00 | ug/l | 0.00 |

System Monitoring Compounds

| | | | | | | |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 156767 | 51.50 | ug/l | 0.00 |
| Spiked Amount | 50.000 | Range | 61 - 141 | Recovery | = | 103.00% |
| 35) Dibromofluoromethane | 5.46 | 113 | 127858 | 48.25 | ug/l | 0.00 |
| Spiked Amount | 50.000 | Range | 69 - 133 | Recovery | = | 96.50% |
| 50) Toluene-d8 | 8.70 | 98 | 478149 | 47.26 | ug/l | 0.00 |
| Spiked Amount | 50.000 | Range | 65 - 126 | Recovery | = | 94.52% |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 181160 | 47.05 | ug/l | 0.00 |
| Spiked Amount | 50.000 | Range | 58 - 135 | Recovery | = | 94.10% |

Target Compounds

| | | | | | | Qvalue |
|-------------------------------|------|-----|---------|----------|--------|--------|
| 2) Dichlorodifluoromethane | 1.18 | 85 | 104524 | 49.291 | ug/l | 99 |
| 3) Chloromethane | 1.31 | 50 | 128543 | 51.544 | ug/l | 98 |
| 4) Vinyl Chloride | 1.39 | 62 | 397875 | 151.309 | ug/l | 97 |
| 5) Bromomethane | 1.62 | 94 | 28639 | 32.801 | ug/l | 99 |
| 6) Chloroethane | 1.70 | 64 | 131033 | 82.952 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.91 | 101 | 192802 | 52.648 | ug/l | 99 |
| 8) Diethyl Ether | 2.17 | 74 | 87558 | 56.421 | ug/l | 95 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 105824 | 50.415 | ug/l | 98 |
| 10) Methyl Iodide | 2.48 | 142 | 125349 | 40.514 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.03 | 59 | 264299 | 424.144 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.35 | 96 | 144105 | 67.907 | ug/l | 95 |
| 13) Acrolein | 2.27 | 56 | 77865 | 231.734 | ug/l | 98 |
| 14) Allyl chloride | 2.70 | 41 | 207230 | 57.820 | ug/l # | 62 |
| 15) Acrylonitrile | 3.12 | 53 | 476603 | 346.329 | ug/l | 99 |
| 16) Acetone | 2.42 | 43 | 453403 | 396.262 | ug/l | 100 |
| 17) Carbon Disulfide | 2.54 | 76 | 314951 | 51.725 | ug/l | 99 |
| 18) Methyl Acetate | 2.75 | 43 | 1001900 | 357.826 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.17 | 73 | 465234 | 60.199 | ug/l | 99 |
| 20) Methylene Chloride | 2.83 | 84 | 152541 | 58.642 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 3.14 | 96 | 890383 | 359.889 | ug/l | 97 |
| 22) Diisopropyl ether | 3.82 | 45 | 441788 | 60.967 | ug/l | 93 |
| 23) Vinyl Acetate | 3.78 | 43 | 1807786 | 292.826 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.67 | 63 | 255209 | 58.403 | ug/l | 100 |
| 25) 2-Butanone | 4.64 | 43 | 699268 | 397.722 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.55 | 77 | 84466 | 22.446 | ug/l # | 1 |
| 27) cis-1,2-Dichloroethene | 4.56 | 96 | 9128798 | 3152.985 | ug/l | 89 |
| 28) Bromochloromethane | 4.98 | 49 | 112276 | 53.898 | ug/l | 97 |
| 29) Tetrahydrofuran | 5.09 | 42 | 410881 | 362.721 | ug/l | 98 |
| 30) Chloroform | 5.17 | 83 | 260934 | 58.074 | ug/l | 99 |
| 31) Cyclohexane | 5.54 | 56 | 173361 | 45.783 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 5.46 | 97 | 217875 | 56.307 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.76 | 75 | 179193 | 48.364 | ug/l | 99 |
| 37) Ethyl Acetate | 4.79 | 43 | 214204 | 57.260 | ug/l # | 79 |
| 38) Carbon Tetrachloride | 5.75 | 117 | 179176 | 49.384 | ug/l | 99 |

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane | 7.43 | 83 | 123499 | 28.371 | ug/l | 98 |
| 40) Benzene | 6.11 | 78 | 587932 | 51.947 | ug/l | 100 |
| 41) Methacrylonitrile | 5.00 | 41 | 122516 | 59.650 | ug/l | 99 |
| 42) 1,2-Dichloroethane | 6.16 | 62 | 206475 | 53.395 | ug/l | 99 |
| 43) Isopropyl Acetate | 6.41 | 43 | 336495 | 55.327 | ug/l | 99 |
| 44) Trichloroethene | 7.18 | 130 | 235214 | 79.209 | ug/l | 99 |
| 45) 1,2-Dichloropropane | 7.49 | 63 | 154941 | 54.775 | ug/l | 98 |
| 46) Dibromomethane | 7.63 | 93 | 104214 | 54.556 | ug/l | 100 |
| 47) Bromodichloromethane | 7.87 | 83 | 208329 | 54.961 | ug/l | 99 |
| 48) Methyl methacrylate | 7.74 | 41 | 176170 | 58.897 | ug/l | 97 |
| 49) 1,4-Dioxane | 7.71 | 88 | 108188 | 1493.079 | ug/l | 98 |
| 51) 4-Methyl-2-Pentanone | 8.62 | 43 | 1189768 | 320.415 | ug/l | 100 |
| 52) Toluene | 8.76 | 92 | 363795 | 51.393 | ug/l | 100 |
| 53) t-1,3-Dichloropropene | 9.02 | 75 | 200124 | 47.577 | ug/l | 97 |
| 54) cis-1,3-Dichloropropene | 8.42 | 75 | 210596 | 46.085 | ug/l | 98 |
| 55) 1,1,2-Trichloroethane | 9.20 | 97 | 158050 | 55.405 | ug/l | 99 |
| 56) Ethyl methacrylate | 9.16 | 69 | 249678 | 57.851 | ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.35 | 76 | 265943 | 54.599 | ug/l | 99 |
| 59) 2-Hexanone | 9.47 | 43 | 956041 | 332.163 | ug/l | 100 |
| 60) Dibromochloromethane | 9.56 | 129 | 162458 | 56.055 | ug/l | 98 |
| 61) 1,2-Dibromoethane | 9.65 | 107 | 165458 | 54.623 | ug/l | 99 |
| 64) Tetrachloroethene | 9.32 | 164 | 102045 | 39.738 | ug/l | 96 |
| 65) Chlorobenzene | 10.12 | 112 | 383295 | 50.243 | ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.20 | 131 | 145726 | 53.071 | ug/l | 99 |
| 67) Ethyl Benzene | 10.23 | 91 | 653203 | 48.237 | ug/l | 99 |
| 68) m/p-Xylenes | 10.34 | 106 | 484944 | 95.037 | ug/l | 99 |
| 69) o-Xylene | 10.68 | 106 | 238775 | 48.645 | ug/l | 98 |
| 70) Styrene | 10.70 | 104 | 424591 | 51.248 | ug/l | 100 |
| 71) Bromoform | 10.84 | 173 | 129533 | 59.966 | ug/l | 99 |
| 73) Isopropylbenzene | 11.00 | 105 | 564804 | 47.680 | ug/l | 99 |
| 74) N-amyl acetate | 10.88 | 43 | 306877 | 64.645 | ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.25 | 83 | 274954 | 65.836 | ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.28 | 75 | 289739 | 74.506 | ug/l | 88 |
| 77) Bromobenzene | 11.24 | 156 | 164615 | 54.302 | ug/l | 98 |
| 78) n-propylbenzene | 11.34 | 91 | 605878 | 44.781 | ug/l | 98 |
| 79) 2-Chlorotoluene | 11.40 | 91 | 418528 | 50.232 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.49 | 105 | 443402 | 44.351 | ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75 | 63714 | 47.363 | ug/l | 99 |
| 82) 4-Chlorotoluene | 11.49 | 91 | 490410 | 50.257 | ug/l | 99 |
| 83) tert-Butylbenzene | 11.76 | 119 | 424055 | 43.248 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105 | 467477 | 46.420 | ug/l | 100 |
| 85) sec-Butylbenzene | 11.93 | 105 | 386830 | 34.555 | ug/l | 99 |
| 86) p-Isopropyltoluene | 12.05 | 119 | 358814 | 34.973 | ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 12.01 | 146 | 263792 | 47.411 | ug/l | 98 |
| 88) 1,4-Dichlorobenzene | 12.08 | 146 | 277812 | 49.023 | ug/l | 99 |
| 89) n-Butylbenzene | 12.37 | 91 | 255845 | 28.147 | ug/l | 99 |
| 90) Hexachloroethane | 12.58 | 117 | 66532 | 37.562 | ug/l | 97 |
| 91) 1,2-Dichlorobenzene | 12.38 | 146 | 280092 | 51.641 | ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75 | 66462 | 74.026 | ug/l | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180 | 126485 | 35.825 | ug/l | 98 |

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

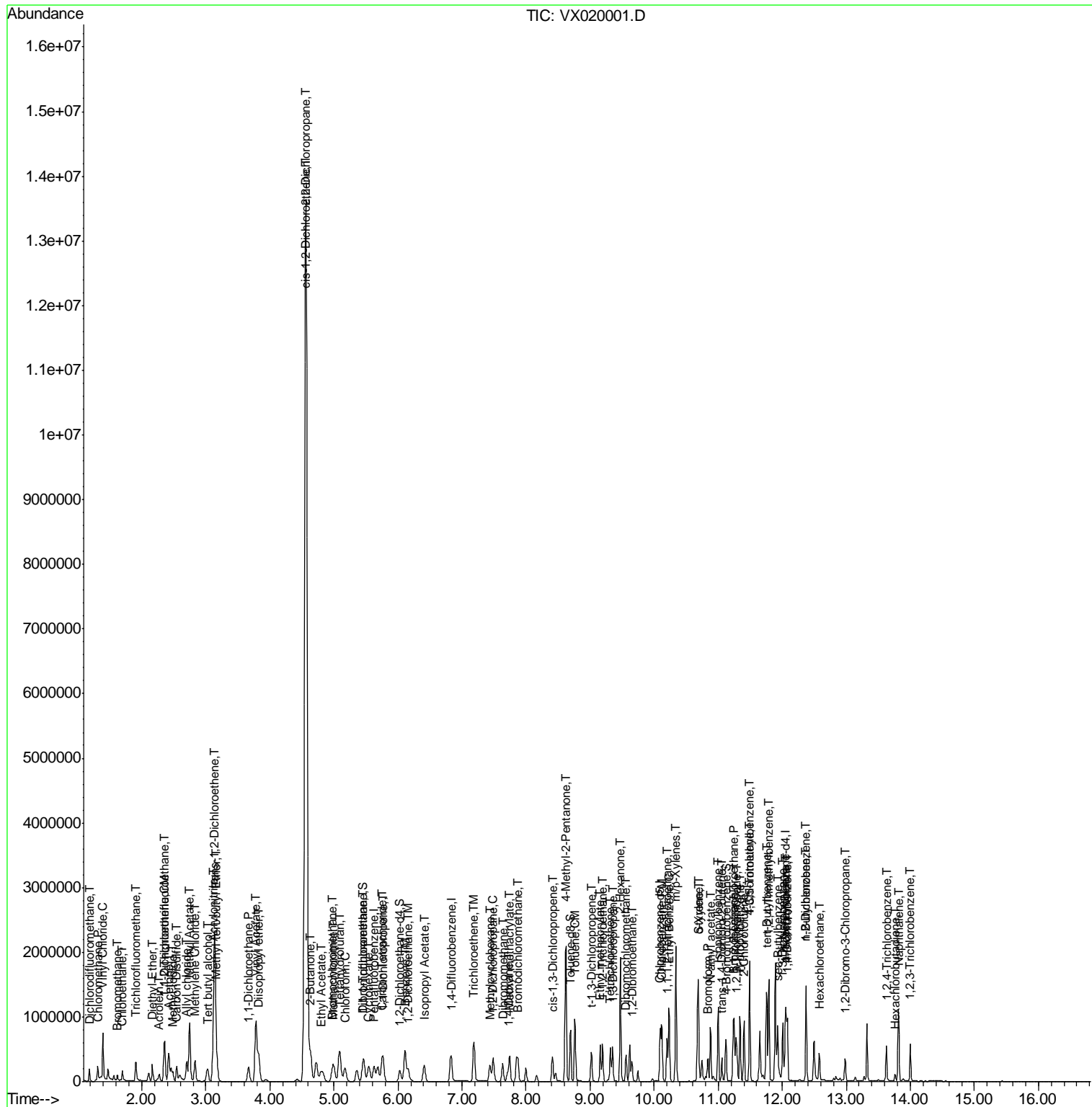
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene | 13.76 | 225 | 15841 | 10.038 | ug/l | 99 |
| 95) Naphthalene | 13.82 | 128 | 687734 | 60.083 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180 | 134463 | 38.969 | ug/l | 99 |

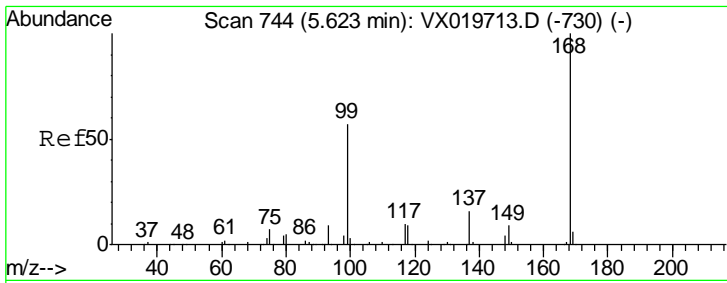
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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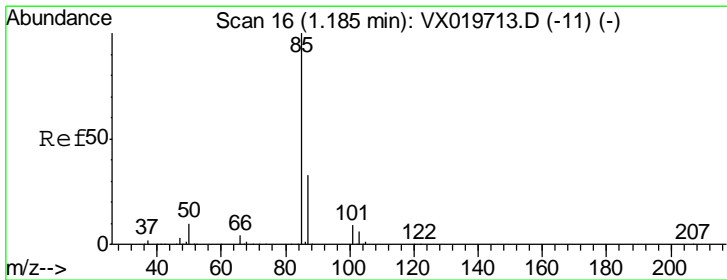
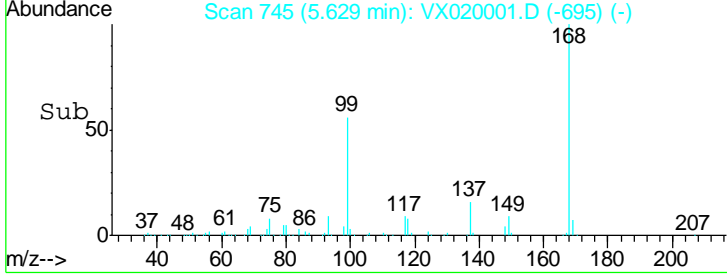
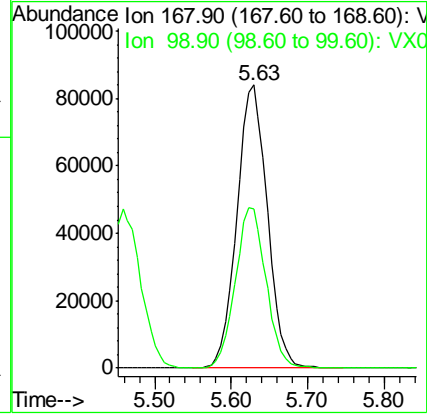
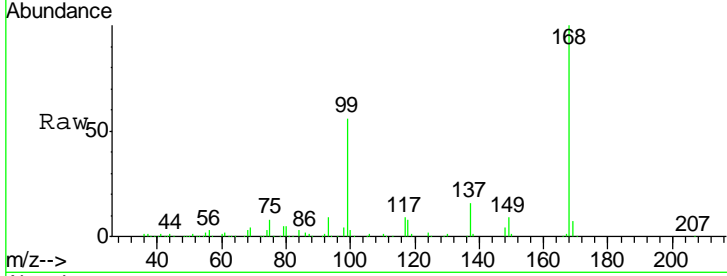




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

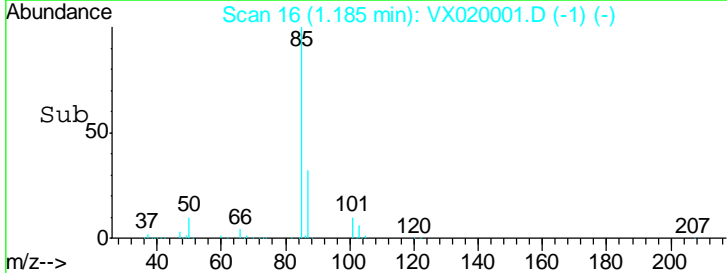
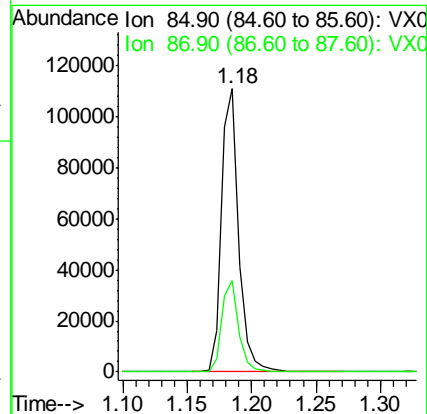
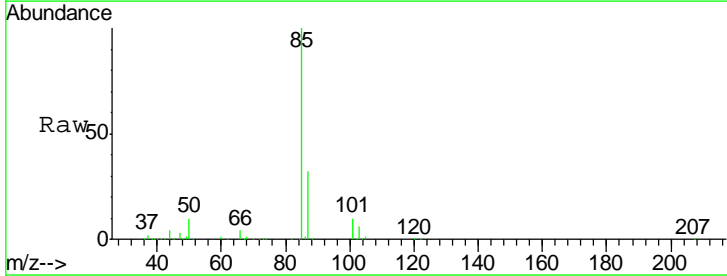
Instrument : MSVOA_X
 ClientSampleID : TU032-32-5229-121020MSD

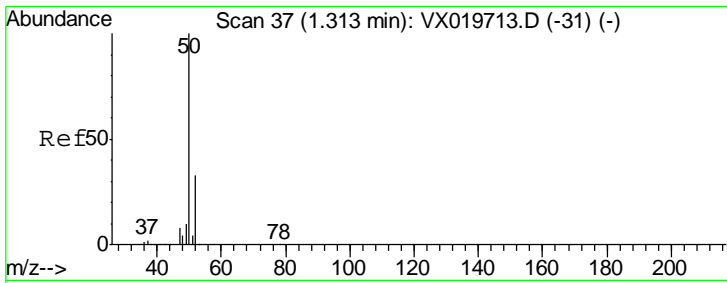
Tgt Ion: 168 Resp: 231615
 Ion Ratio Lower Upper
 168 100
 99 56.0 45.8 68.6



#2
 Dichlorodifluoromethane
 Concen: 49.291 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 85 Resp: 104524
 Ion Ratio Lower Upper
 85 100
 87 32.1 16.4 49.2

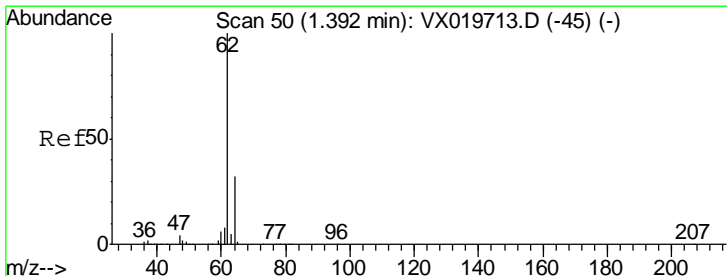
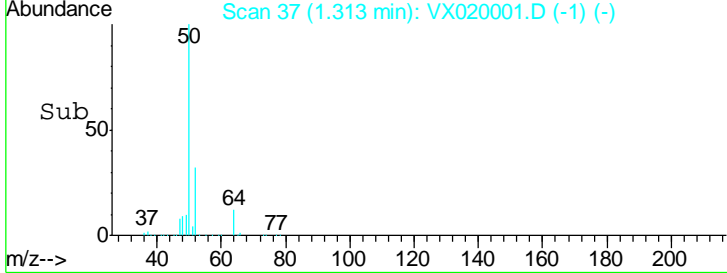
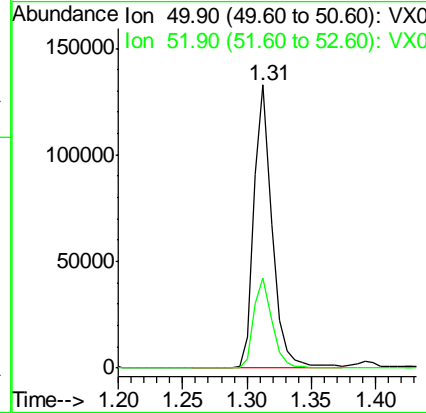
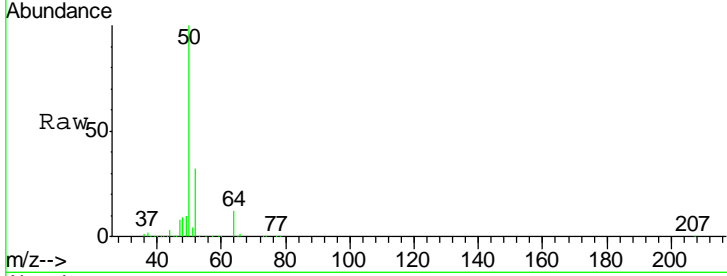




#3
 Chloromethane
 Concen: 51.544 ug/l
 RT: 1.31 min Scan# 37
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

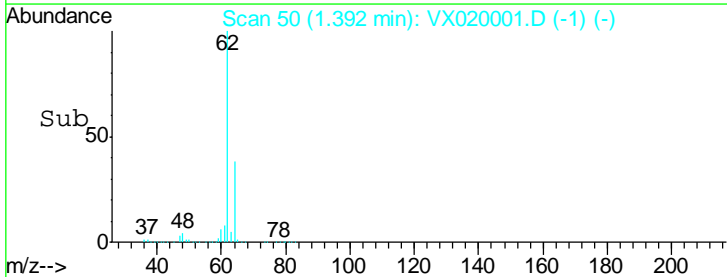
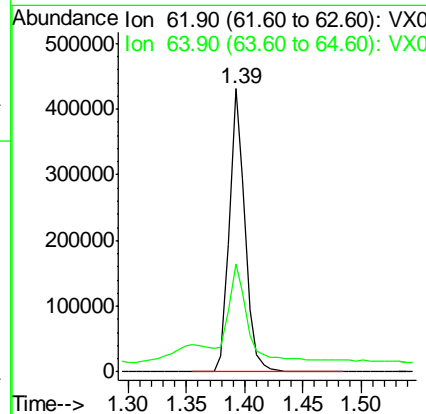
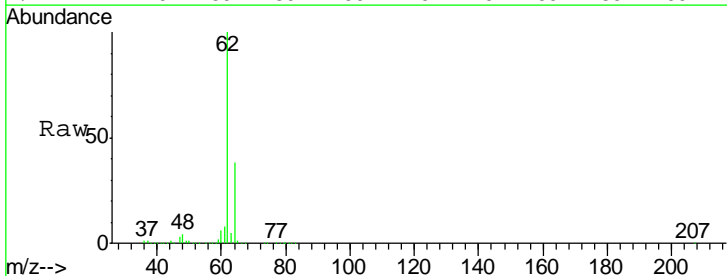
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

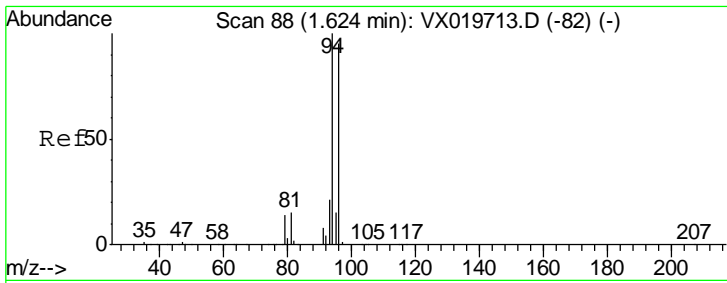
Tgt Ion: 50 Resp: 128543
 Ion Ratio Lower Upper
 50 100
 52 31.9 26.4 39.6



#4
 Vinyl Chloride
 Concen: 151.309 ug/l
 RT: 1.39 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 62 Resp: 397875
 Ion Ratio Lower Upper
 62 100
 64 33.8 25.7 38.5

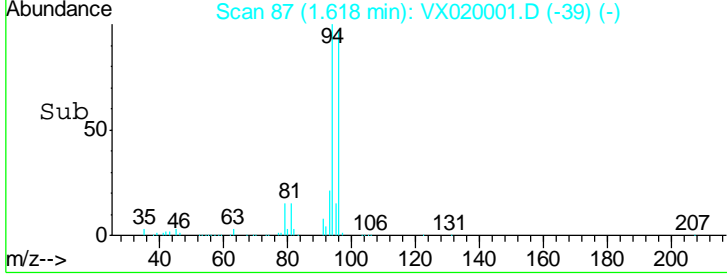
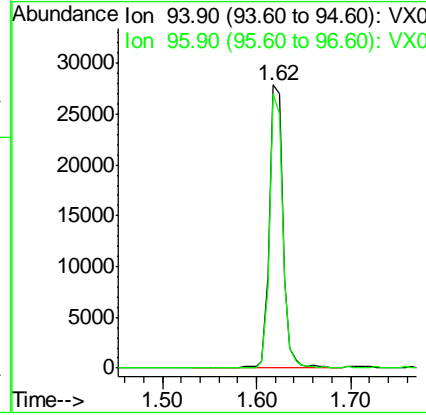
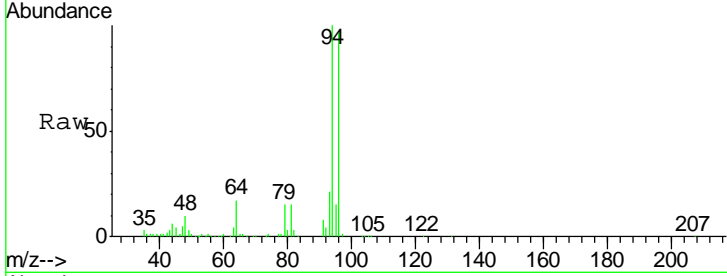




#5
 Bromomethane
 Concen: 32.801 ug/l
 RT: 1.62 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

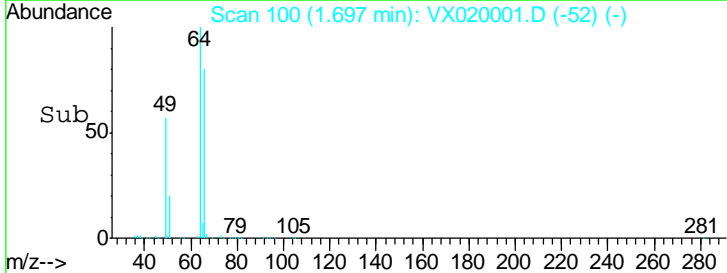
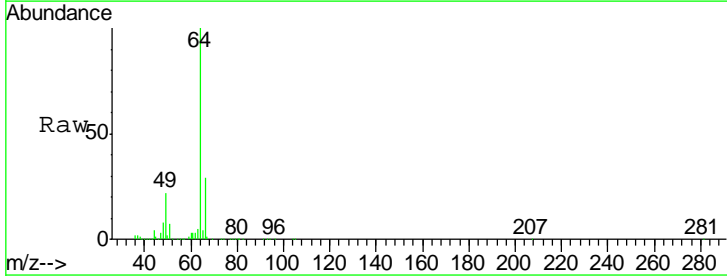
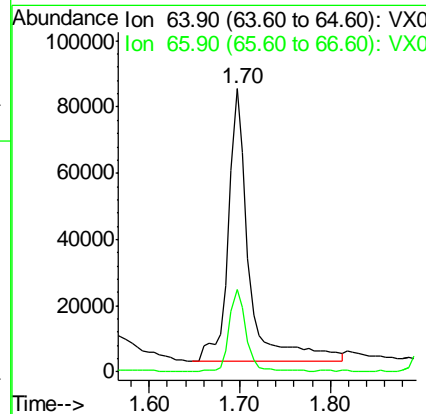
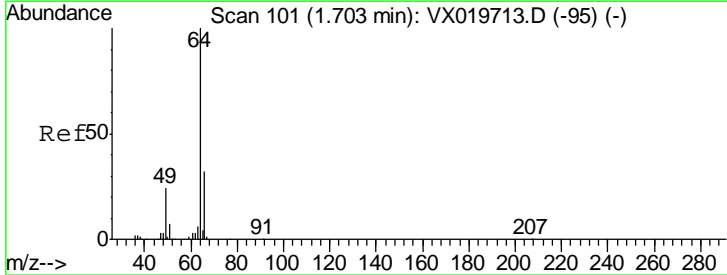
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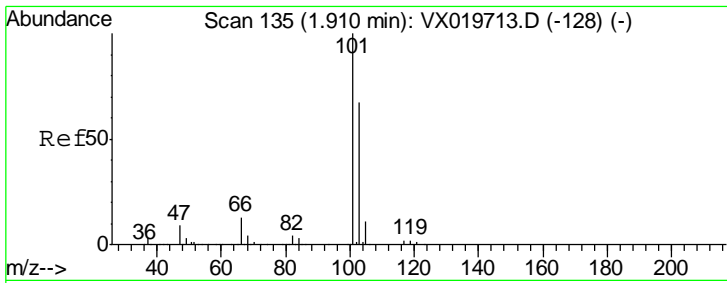
Tgt Ion: 94 Resp: 28639
 Ion Ratio Lower Upper
 94 100
 96 96.7 76.4 114.6



#6
 Chloroethane
 Concen: 82.952 ug/l
 RT: 1.70 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 64 Resp: 131033
 Ion Ratio Lower Upper
 64 100
 66 30.1 25.4 38.0

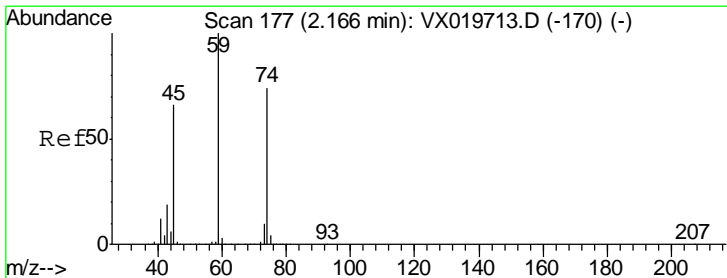
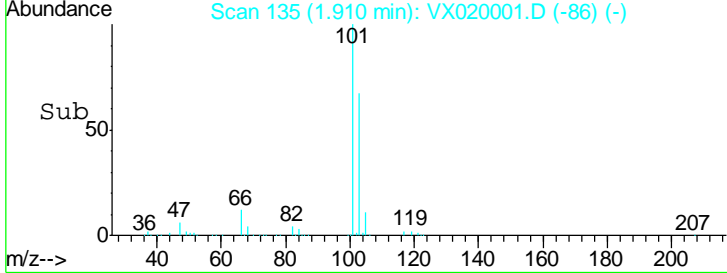
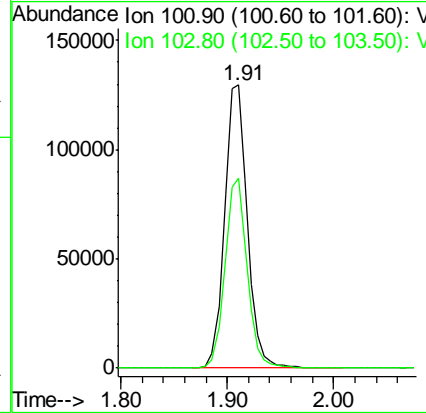
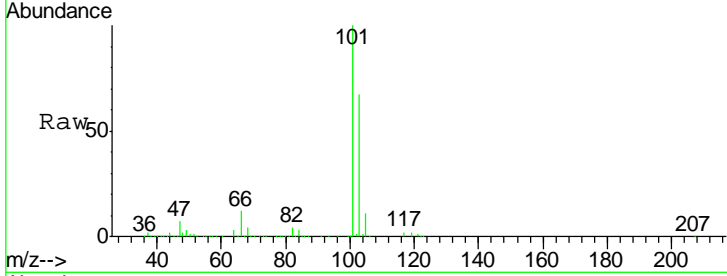




#7
 Trichlorofluoromethane
 Concen: 52.648 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

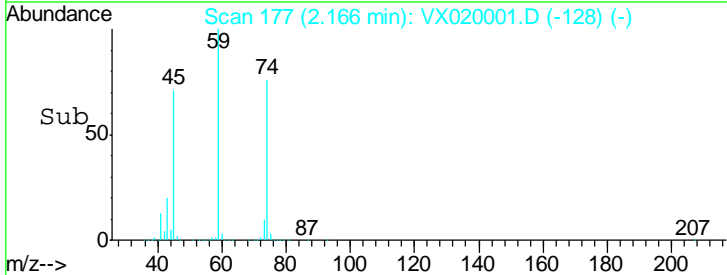
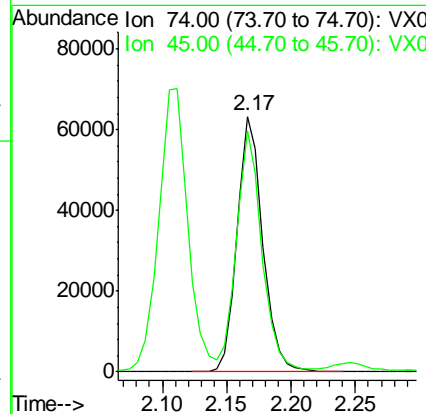
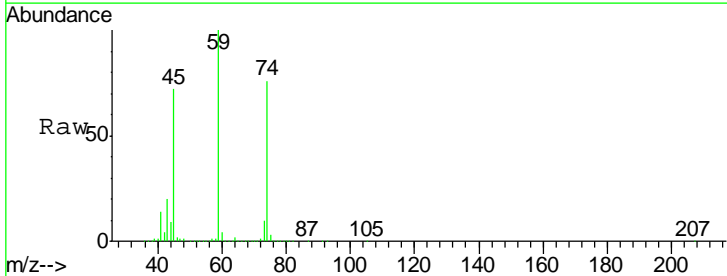
Instrument :
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 ClientSampled :
 TU032-32-5229-121020MSD

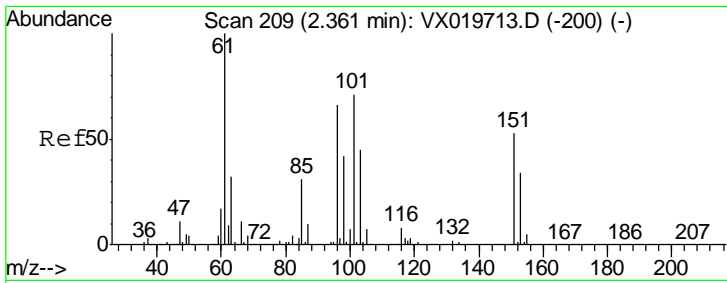
Tgt Ion:101 Resp: 192802
 Ion Ratio Lower Upper
 101 100
 103 67.1 53.2 79.8



#8
 Diethyl Ether
 Concen: 56.421 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 74 Resp: 87558
 Ion Ratio Lower Upper
 74 100
 45 93.3 44.5 133.5

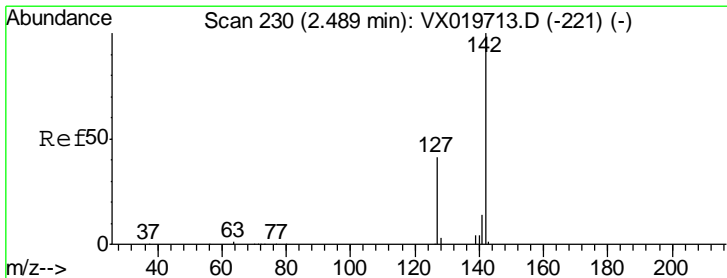
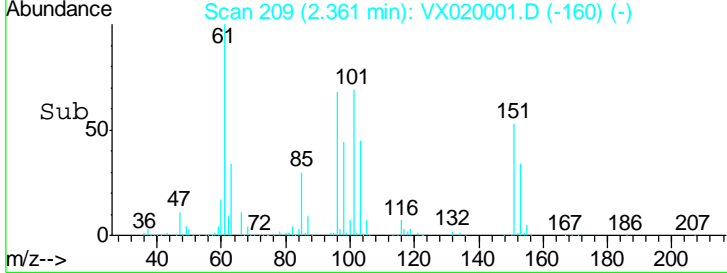
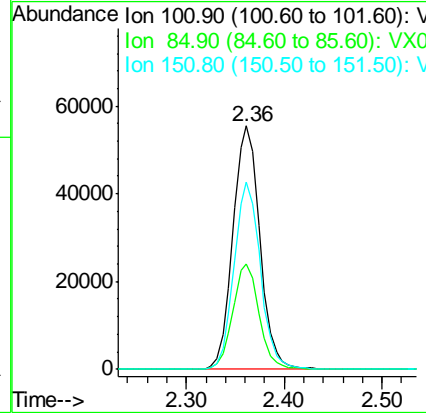
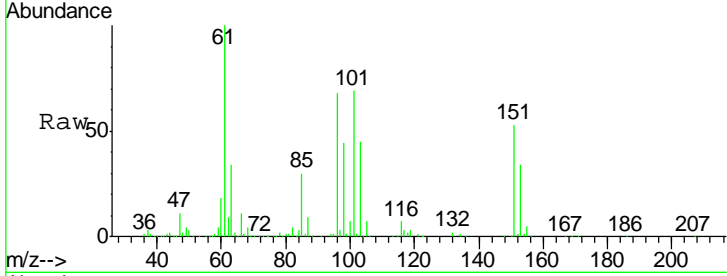




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.415 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

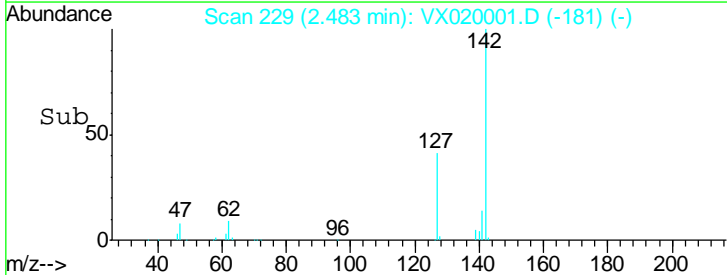
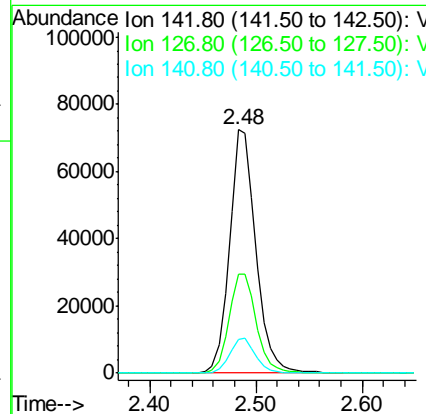
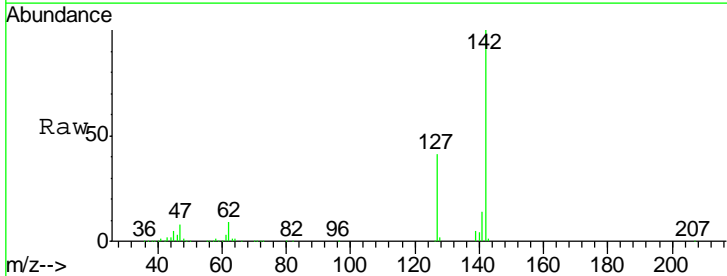
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

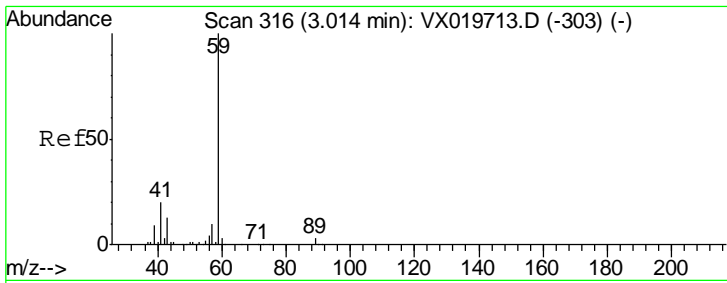
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 101 | 105824 | | |
| 85 | 42.4 | 34.9 | 52.3 |
| 151 | 75.6 | 61.4 | 92.2 |



#10
 Methyl Iodide
 Concen: 40.514 ug/l
 RT: 2.48 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 142 | 125349 | | |
| 127 | 42.4 | 33.3 | 49.9 |
| 141 | 14.2 | 11.4 | 17.0 |

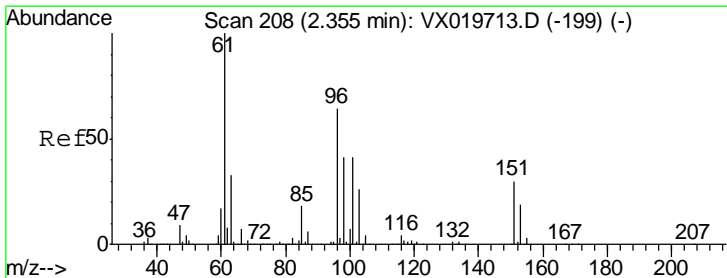
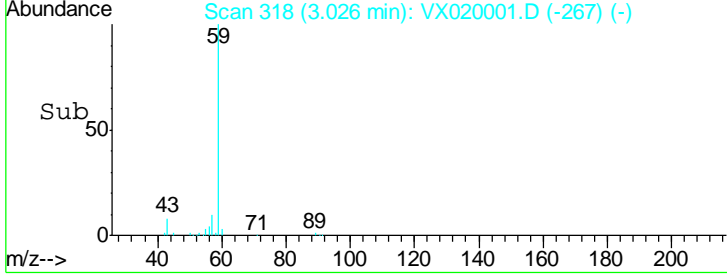
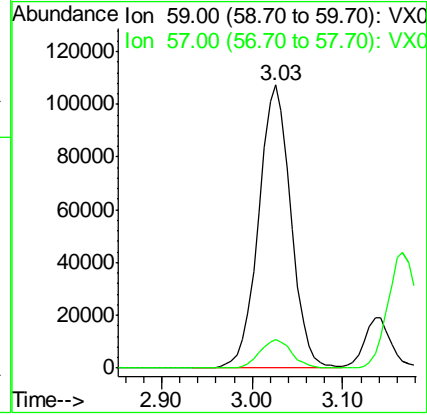
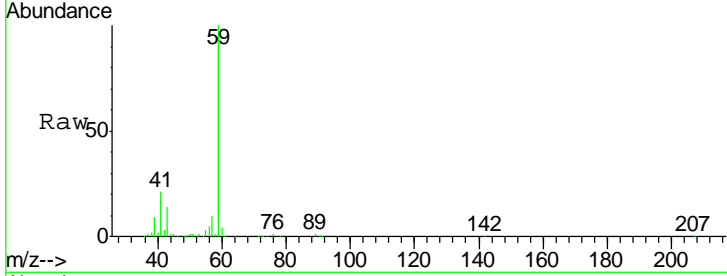




#11
 Tert butyl alcohol
 Concen: 424.144 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

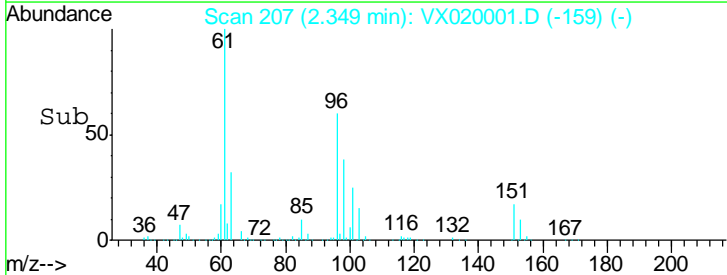
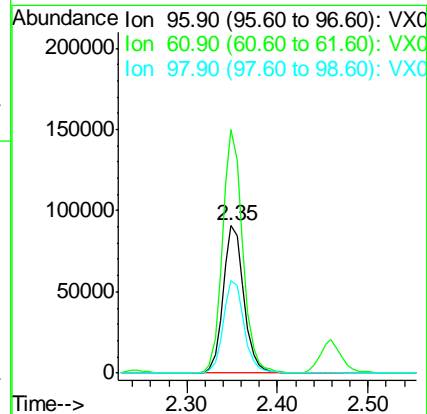
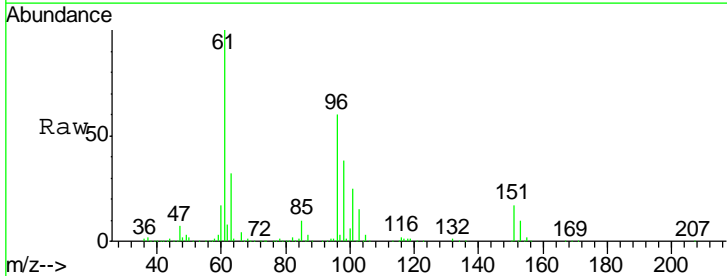
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

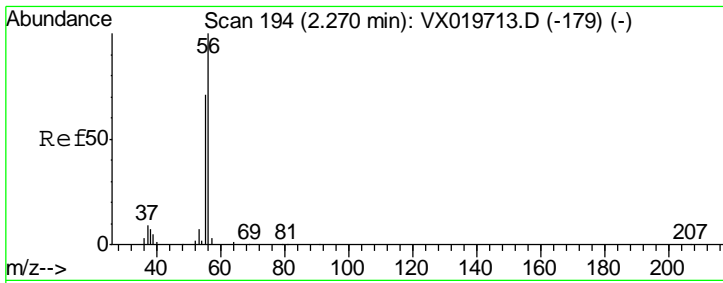
Tgt Ion: 59 Resp: 264299
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8



#12
 1,1-Dichloroethene
 Concen: 67.907 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 96 Resp: 144105
 Ion Ratio Lower Upper
 96 100
 61 165.3 124.6 187.0
 98 63.2 50.6 76.0

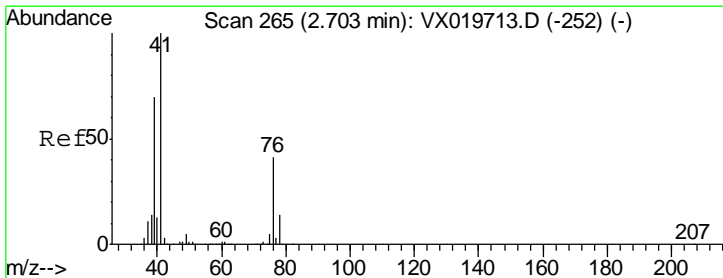
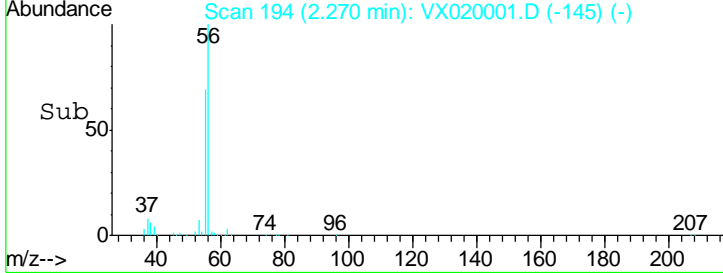
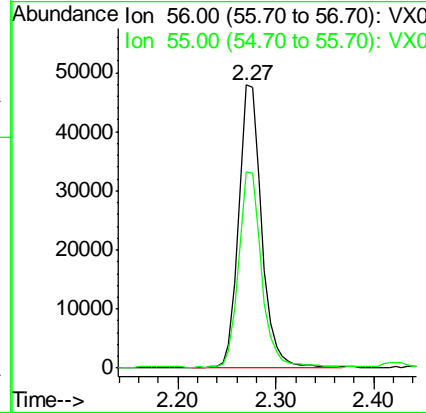
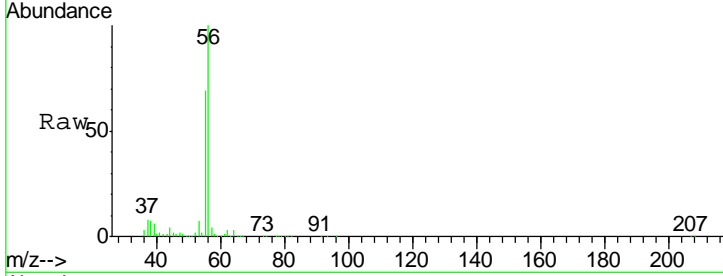




#13
 Acrolein
 Concen: 231.734 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

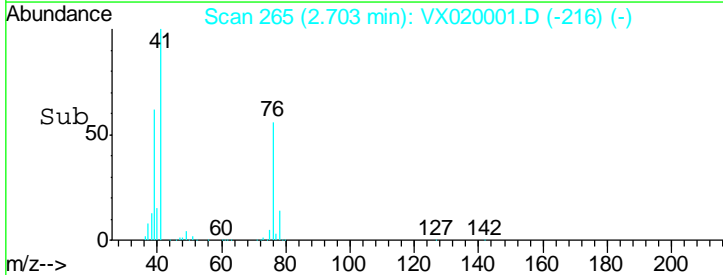
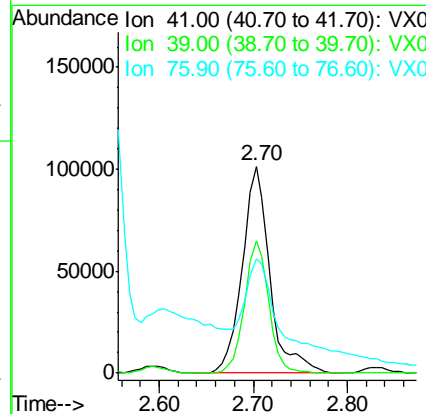
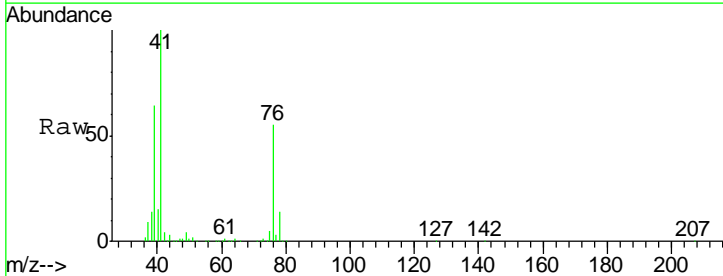
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

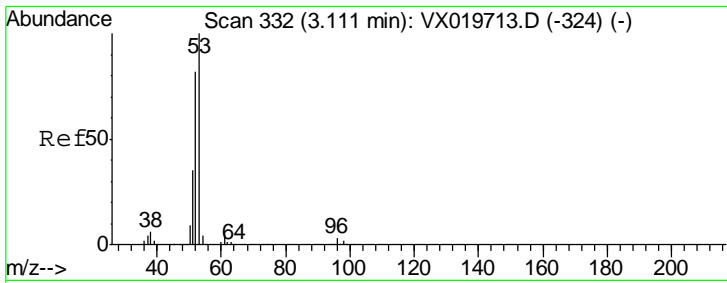
Tgt Ion: 56 Resp: 77865
 Ion Ratio Lower Upper
 56 100
 55 69.1 56.4 84.6



#14
 Allyl chloride
 Concen: 57.820 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 41 Resp: 207230
 Ion Ratio Lower Upper
 41 100
 39 55.8 51.6 77.4
 76 88.2 30.5 45.7#

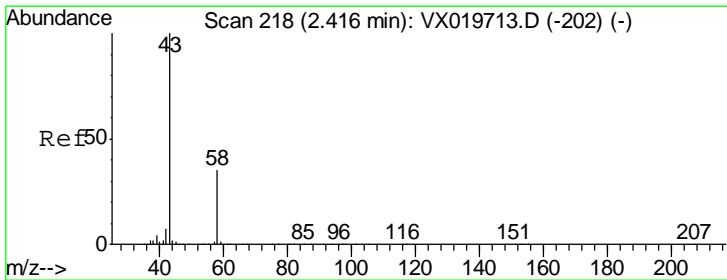
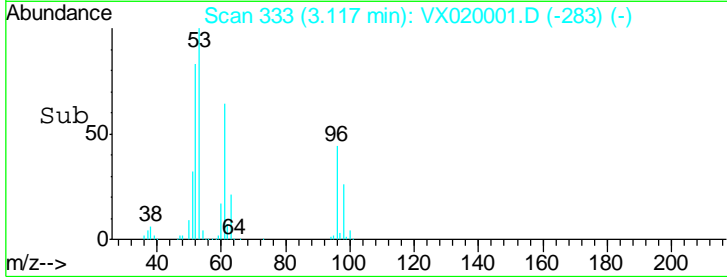
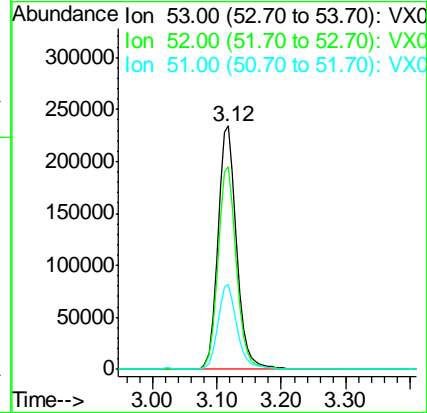
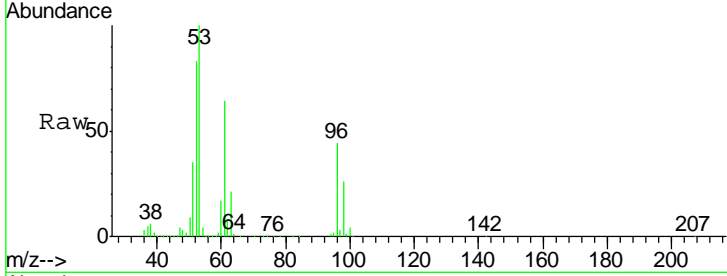




#15
 Acrylonitrile
 Concen: 346.329 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

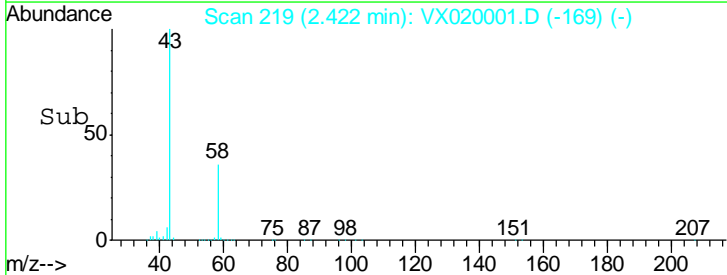
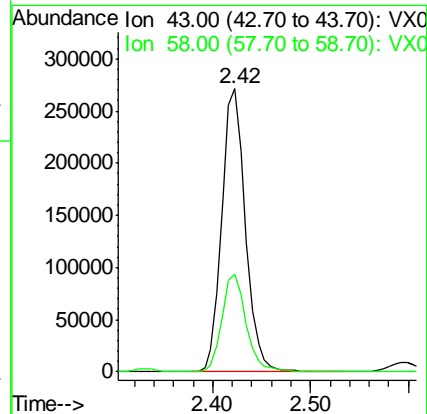
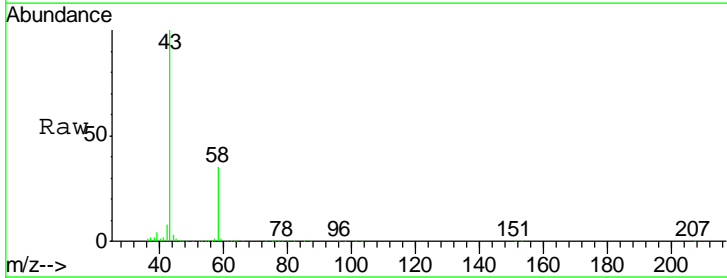
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

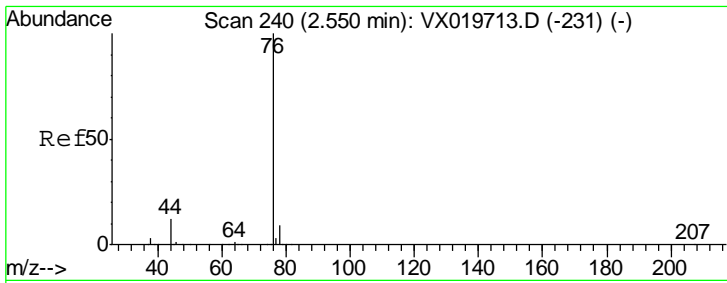
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 53 | 476603 | | |
| 52 | 82.6 | 65.3 | 97.9 |
| 51 | 35.8 | 28.2 | 42.2 |



#16
 Acetone
 Concen: 396.262 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 43 | 453403 | | |
| 58 | 34.7 | 27.8 | 41.8 |

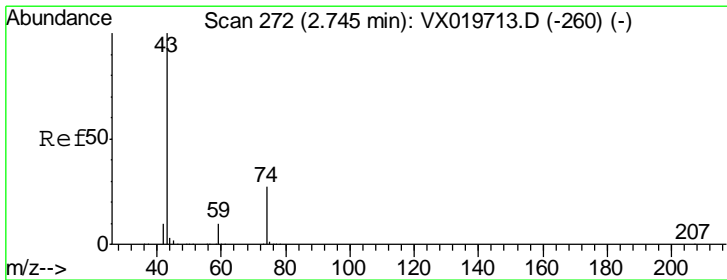
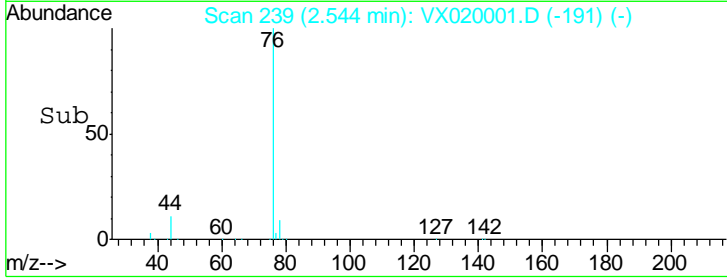
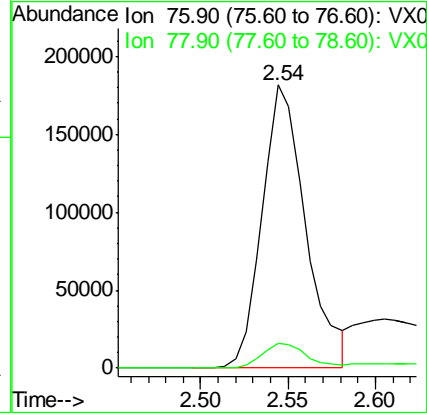
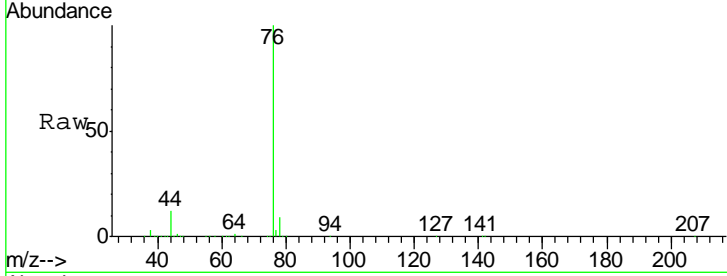




#17
 Carbon Disulfide
 Concen: 51.725 ug/l
 RT: 2.54 min Scan# 239
 Delta R.T. -0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

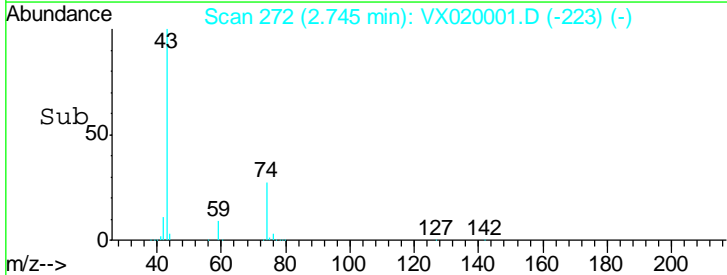
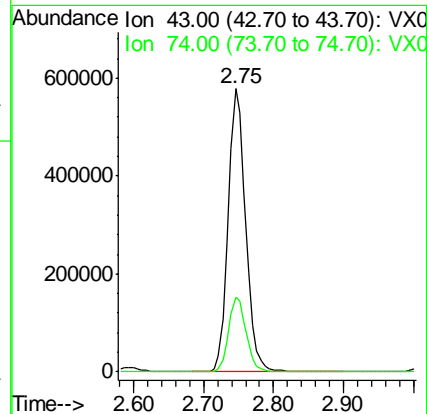
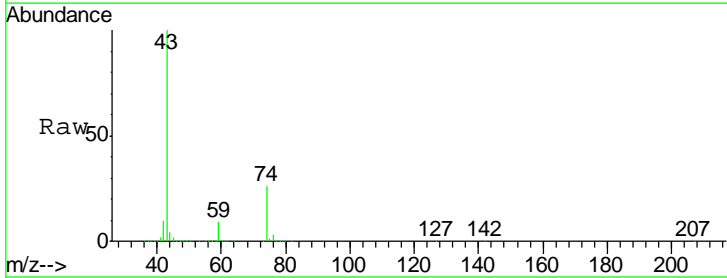
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

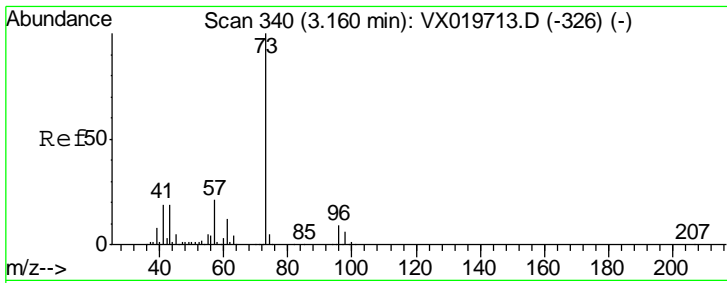
Tgt Ion: 76 Resp: 314951
 Ion Ratio Lower Upper
 76 100
 78 8.7 7.2 10.8



#18
 Methyl Acetate
 Concen: 357.826 ug/l
 RT: 2.75 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 43 Resp: 1001900
 Ion Ratio Lower Upper
 43 100
 74 26.8 21.9 32.9

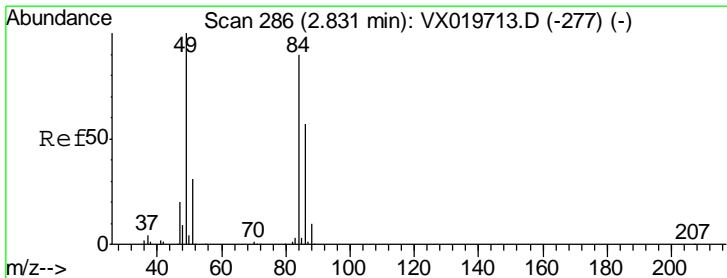
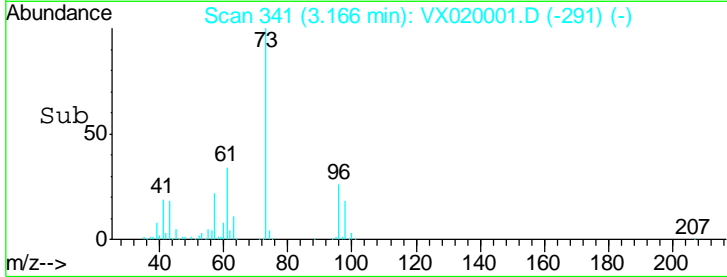
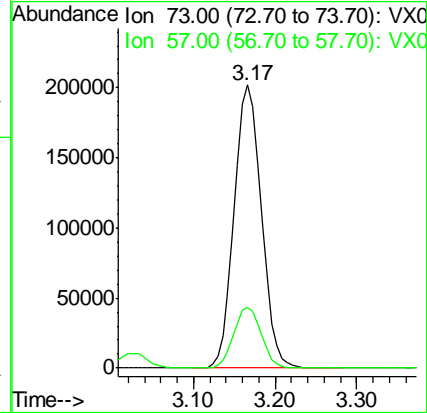
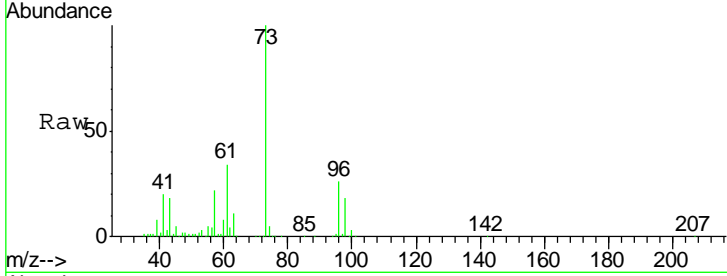




#19
 Methyl tert-butyl Ether
 Concen: 60.199 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

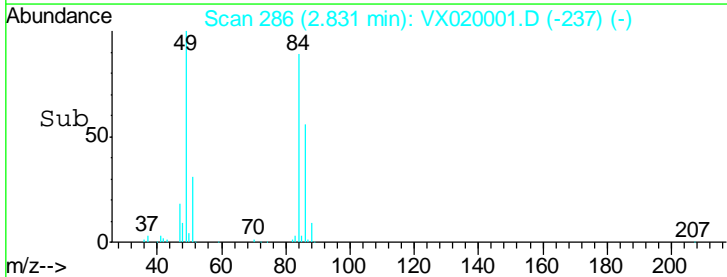
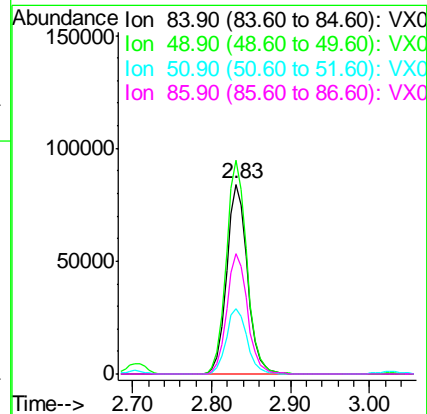
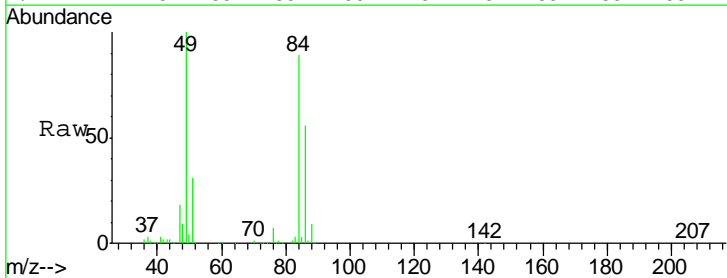
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

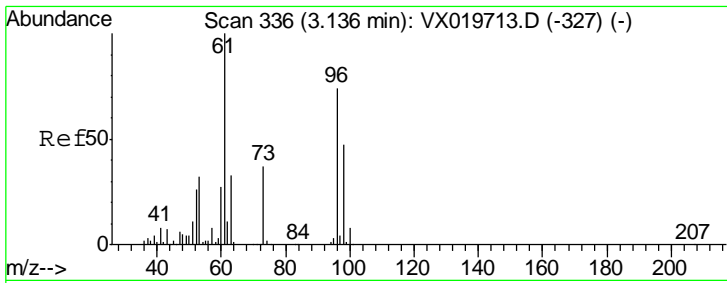
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 73 | 100 | | |
| 57 | 21.7 | 17.1 | 25.7 |



#20
 Methylene Chloride
 Concen: 58.642 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 84 | 100 | | |
| 49 | 112.7 | 88.6 | 132.8 |
| 51 | 34.6 | 27.0 | 40.6 |
| 86 | 63.4 | 50.3 | 75.5 |

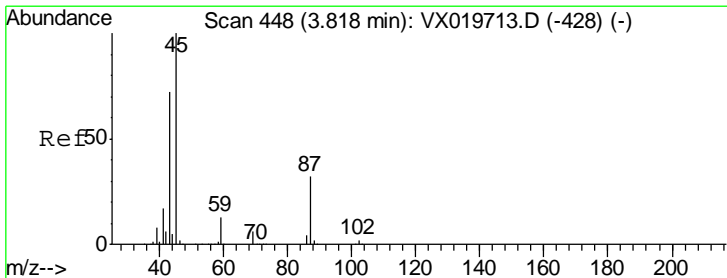
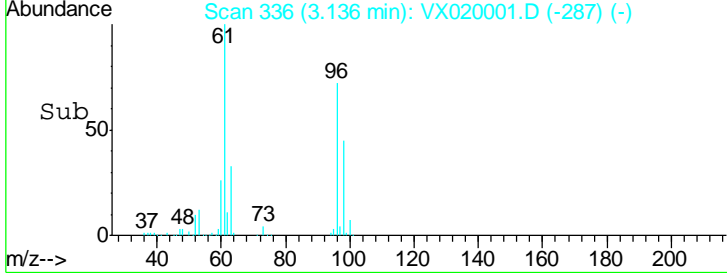
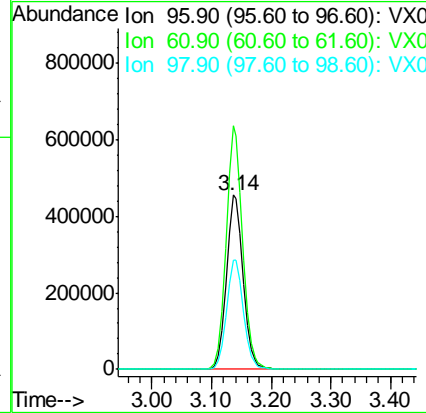
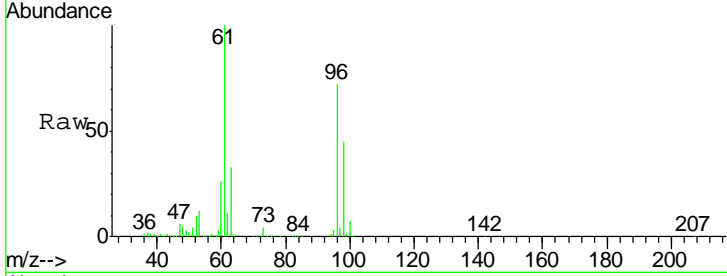




#21
 trans-1,2-Dichloroethene
 Concen: 359.889 ug/l
 RT: 3.14 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

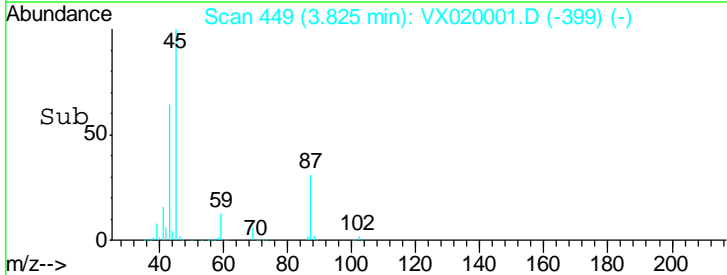
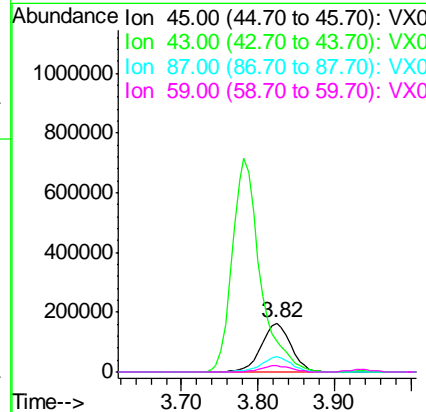
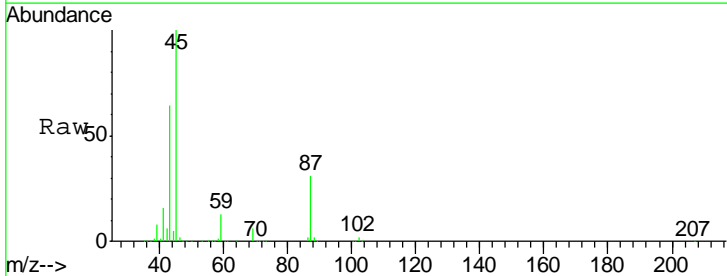
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

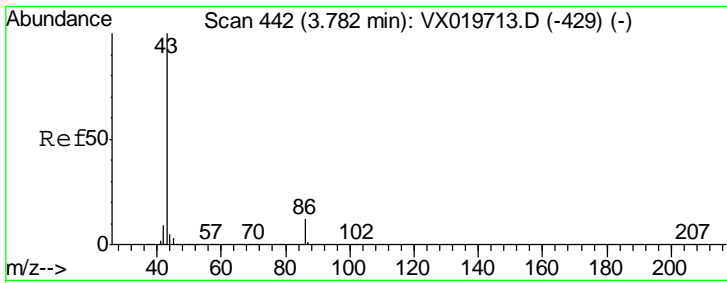
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 96 | 890383 | | |
| 61 | 139.6 | 107.7 | 161.5 |
| 98 | 62.8 | 50.4 | 75.6 |



#22
 Diisopropyl ether
 Concen: 60.967 ug/l
 RT: 3.82 min Scan# 449
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 45 | 441788 | | |
| 43 | 64.0 | 58.0 | 87.0 |
| 87 | 30.7 | 25.4 | 38.0 |
| 59 | 12.8 | 10.2 | 15.2 |



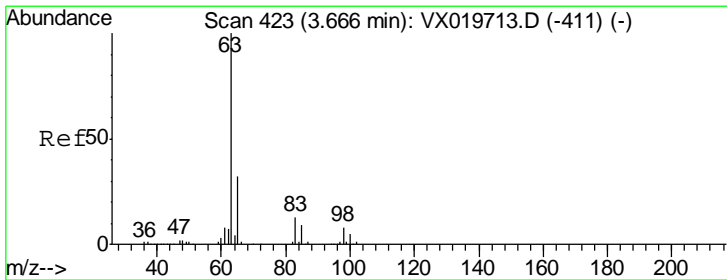
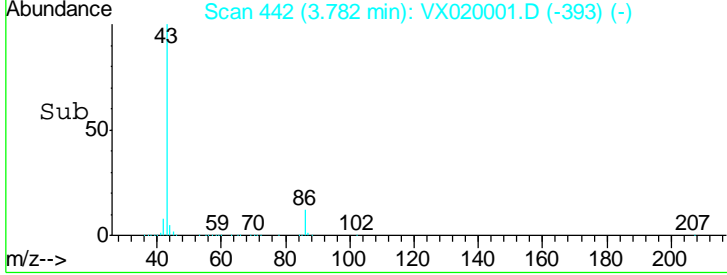
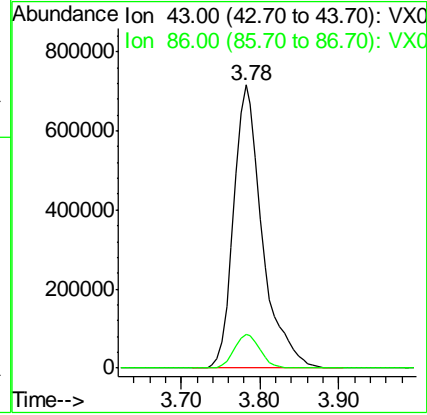
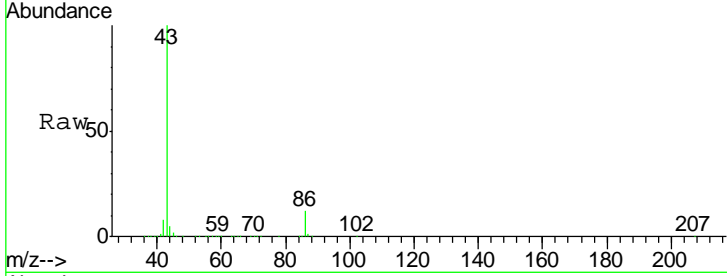


#23
 Vinyl Acetate
 Concen: 292.826 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

Tgt Ion: 43 Resp: 1807786

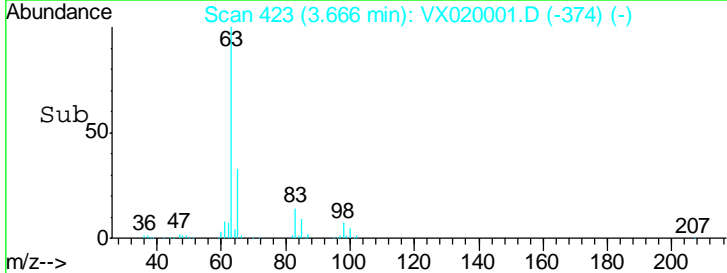
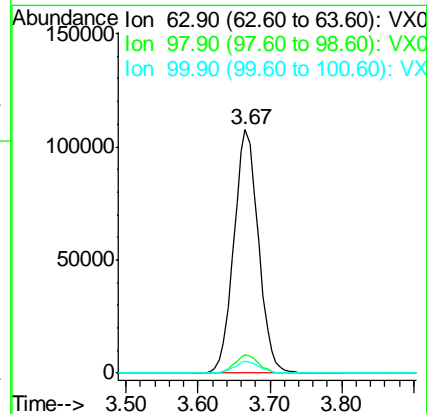
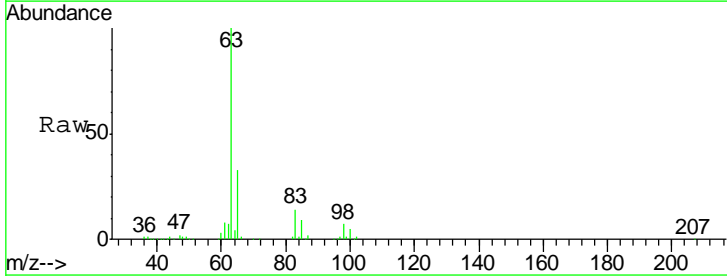
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43 | 100 | | |
| 86 | 11.8 | 9.9 | 14.9 |

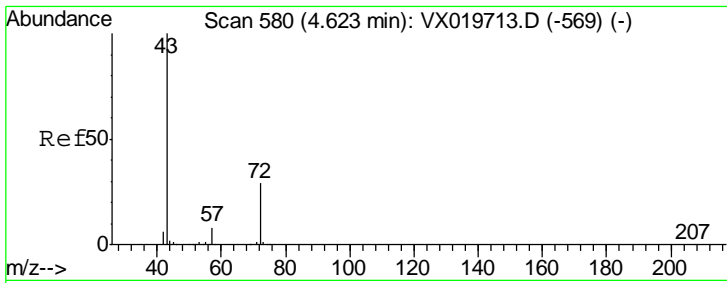


#24
 1,1-Dichloroethane
 Concen: 58.403 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 63 Resp: 255209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63 | 100 | | |
| 98 | 7.5 | 3.8 | 11.2 |
| 100 | 4.8 | 2.5 | 7.5 |

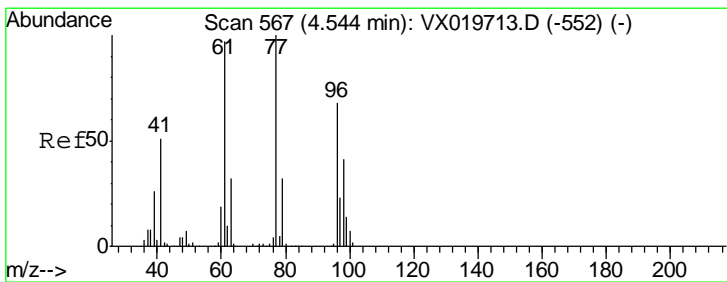
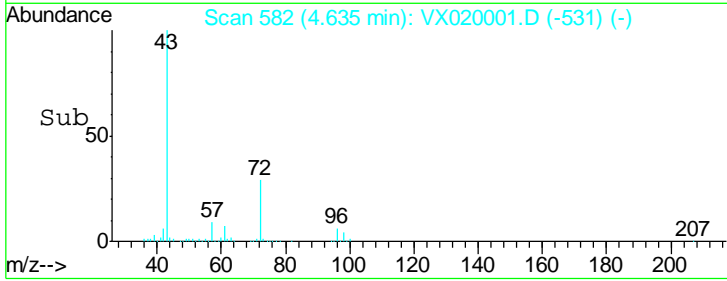
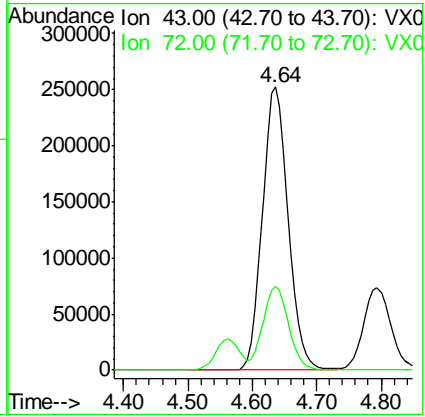
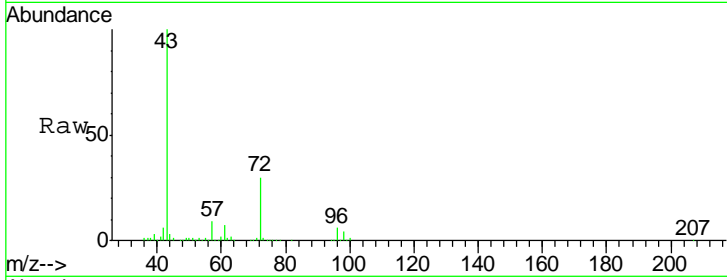




#25
 2-Butanone
 Concen: 397.722 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

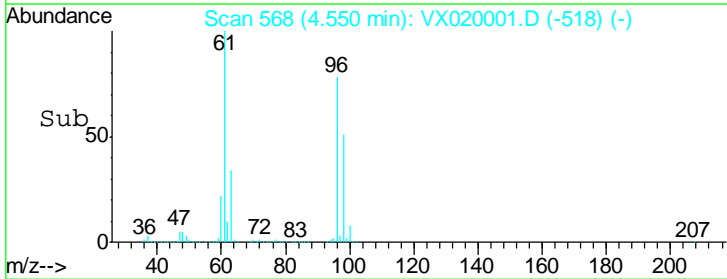
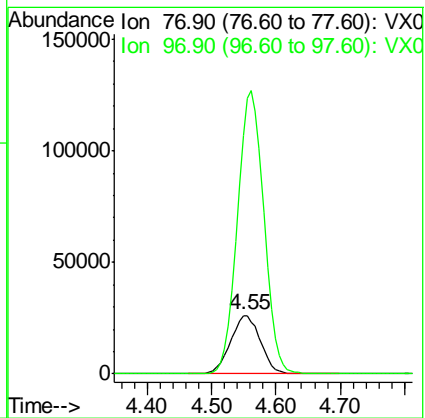
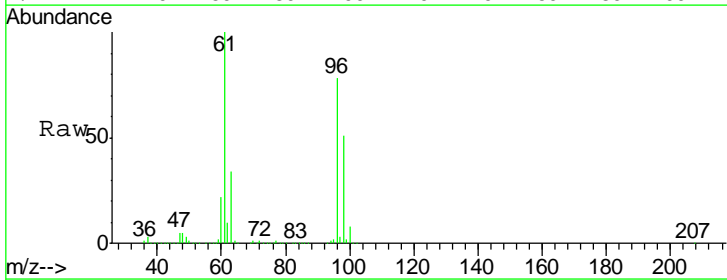
Instrument : MSVOA_X
 ClientSampleId : TU032-32-5229-121020MSD

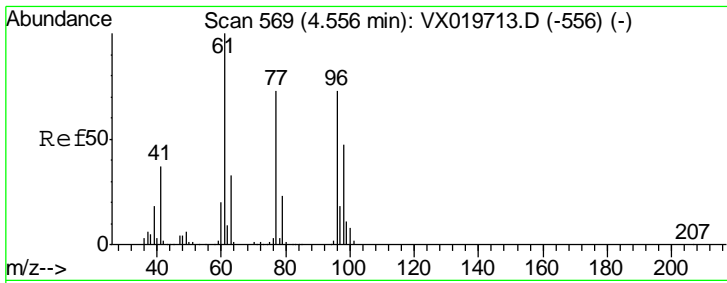
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 43 | 699268 | | |
| 72 | 29.5 | 23.7 | 35.5 |



#26
 2,2-Dichloropropane
 Concen: 22.446 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 77 | 84466 | | |
| 97 | 426.3 | 11.7 | 35.1# |

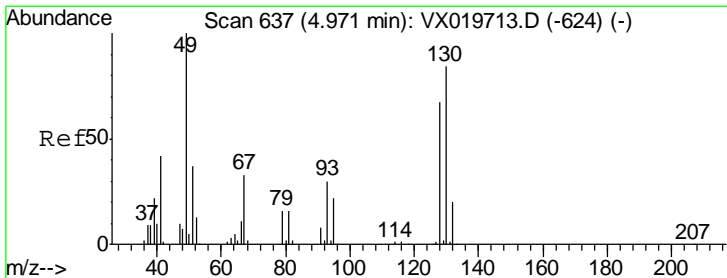
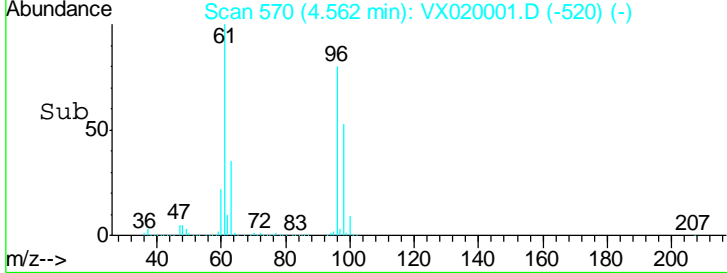
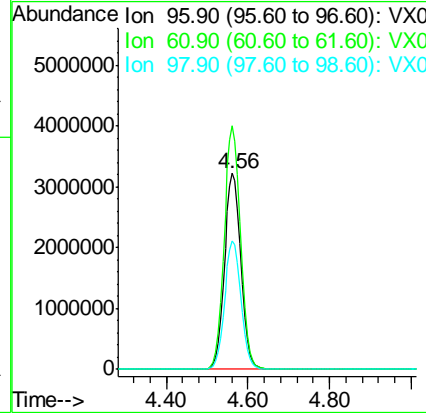
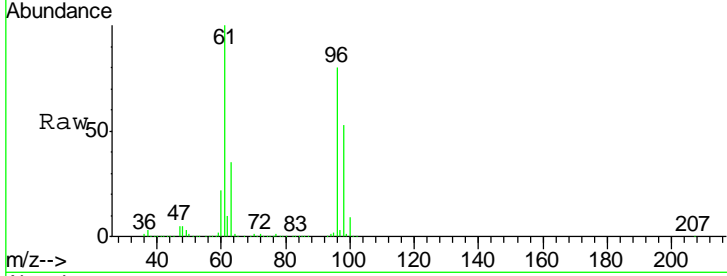




#27
 cis-1,2-Dichloroethene
 Concen: 3152.985 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

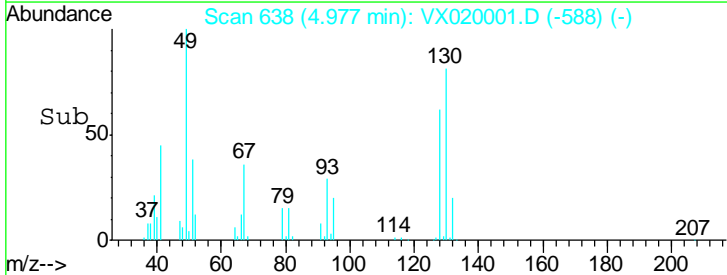
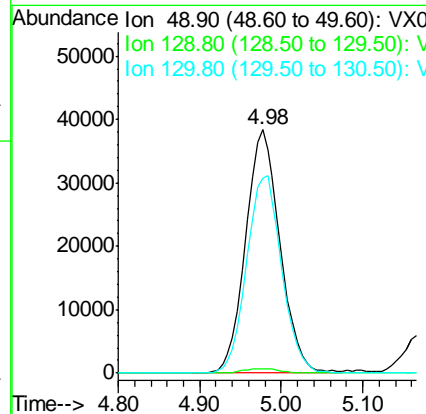
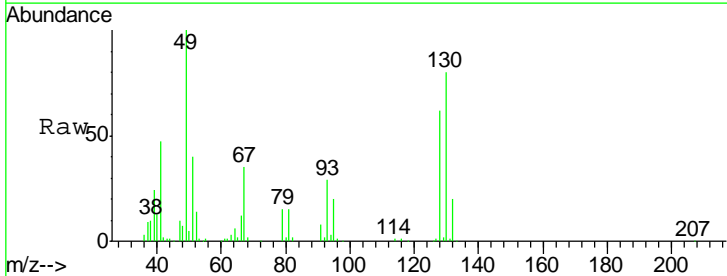
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

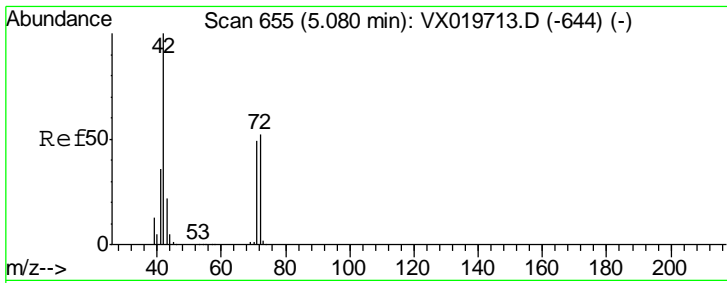
| Tgt Ion | Resp | Lower | Upper |
|-----------|---------|-------|-------|
| 96 | 9128798 | | |
| Ion Ratio | | | |
| 96 | 100 | | |
| 61 | 123.8 | 0.0 | 285.6 |
| 98 | 65.4 | 0.0 | 129.6 |



#28
 Bromochloromethane
 Concen: 53.898 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|-----------|--------|-------|-------|
| 49 | 112276 | | |
| Ion Ratio | | | |
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 4.0 |
| 130 | 82.8 | 68.2 | 102.2 |

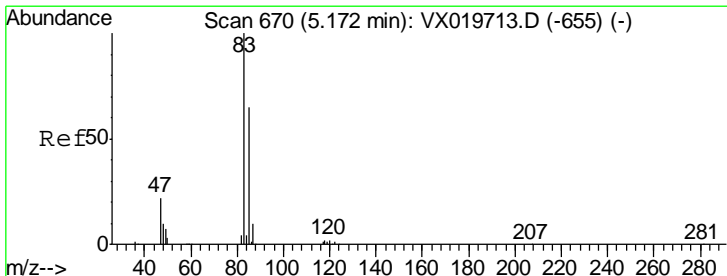
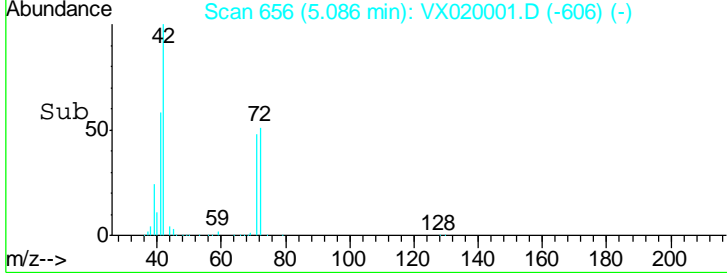
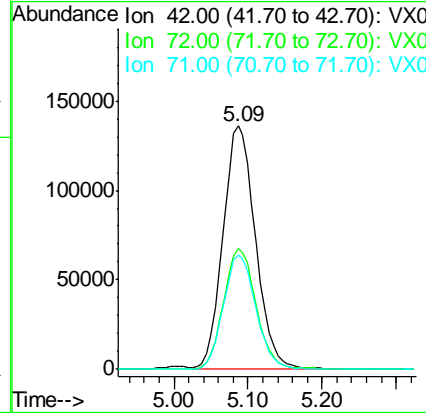
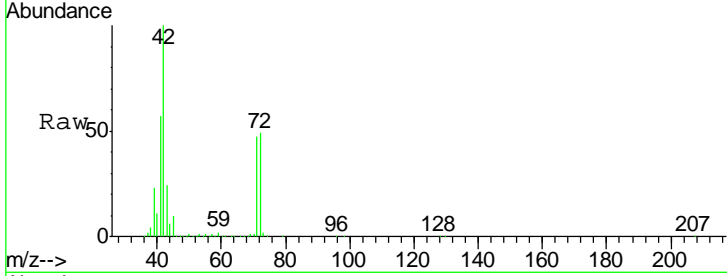




#29
 Tetrahydrofuran
 Concen: 362.721 ug/l
 RT: 5.09 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

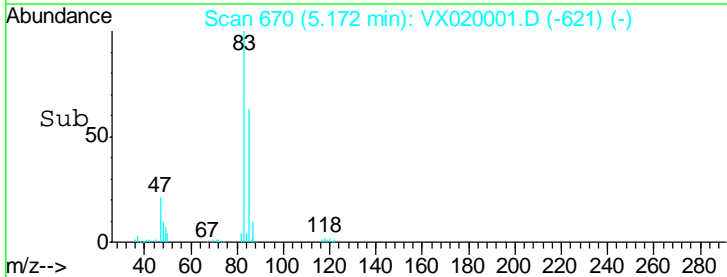
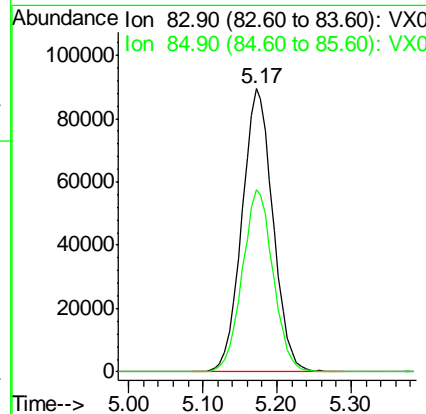
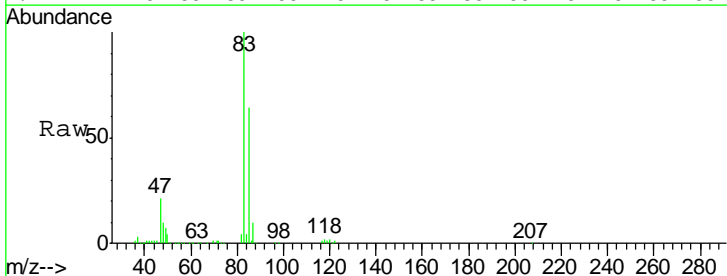
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

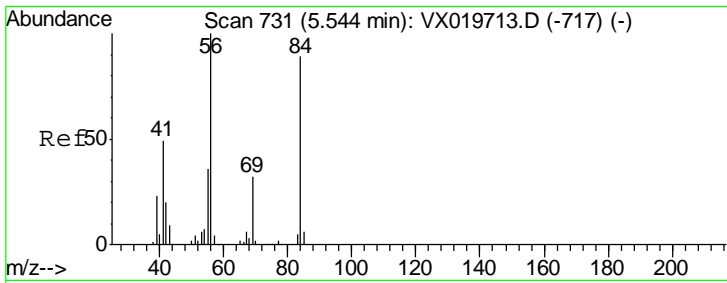
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 42 | 410881 | | |
| 72 | 50.3 | 41.7 | 62.5 |
| 71 | 47.1 | 38.4 | 57.6 |



#30
 Chloroform
 Concen: 58.074 ug/l
 RT: 5.17 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 83 | 260934 | | |
| 85 | 64.2 | 52.0 | 78.0 |

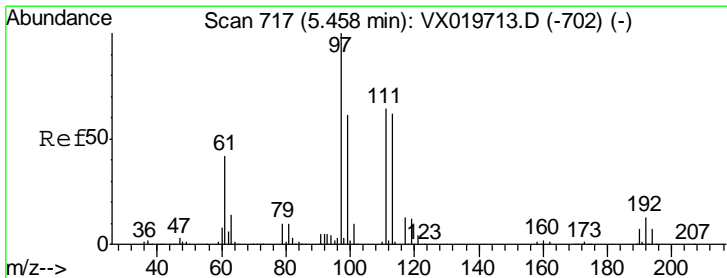
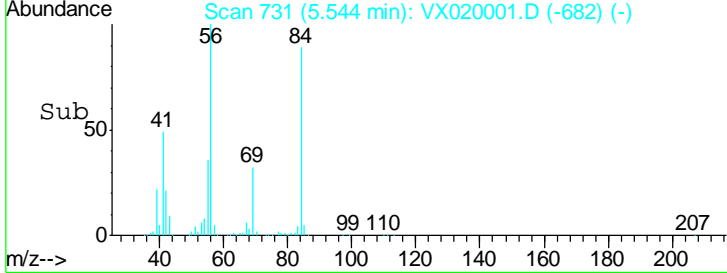
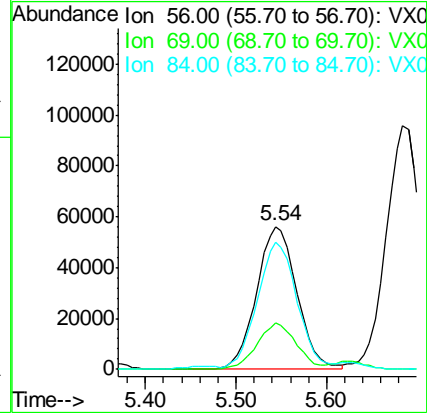
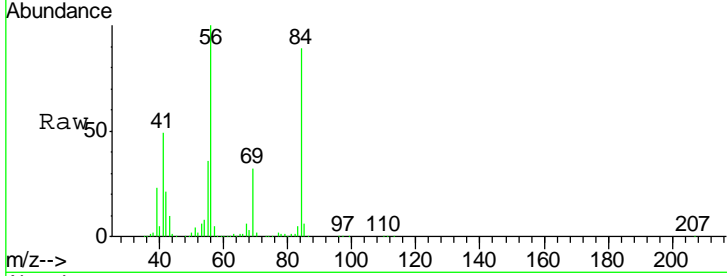




#31
 Cyclohexane
 Concen: 45.783 ug/l
 RT: 5.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

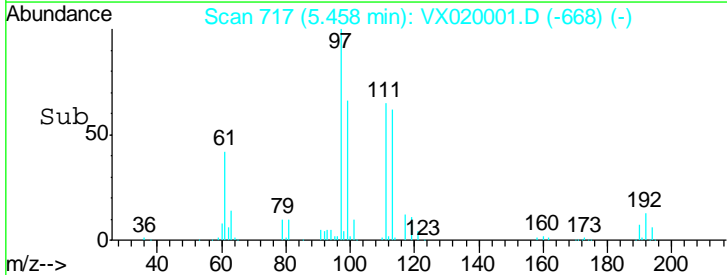
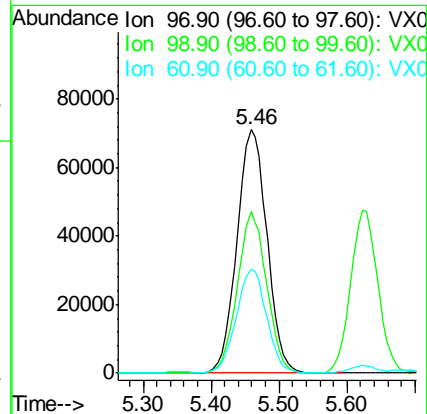
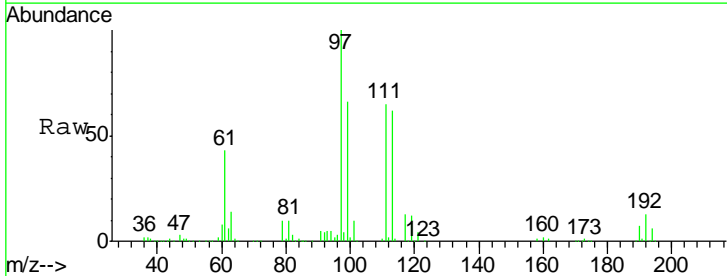
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

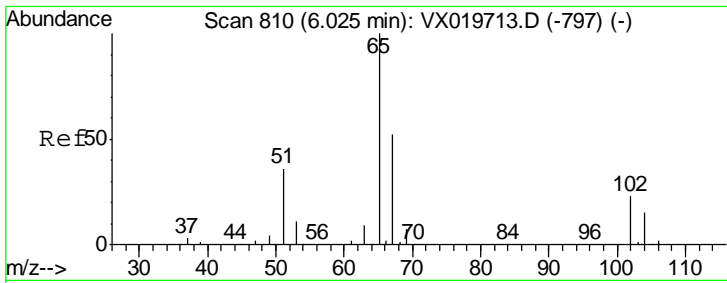
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 56 | 173361 | | |
| 69 | 32.2 | 25.3 | 37.9 |
| 84 | 87.6 | 71.4 | 107.0 |



#32
 1,1,1-Trichloroethane
 Concen: 56.307 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 97 | 217875 | | |
| 99 | 64.3 | 51.5 | 77.3 |
| 61 | 42.6 | 34.2 | 51.4 |

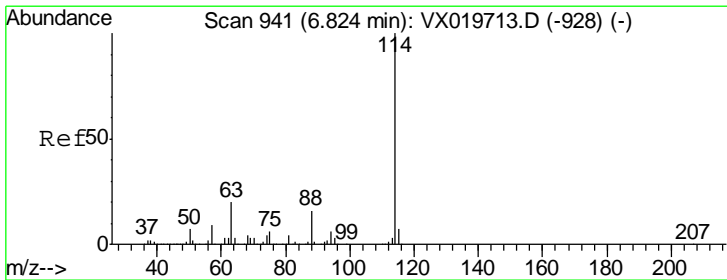
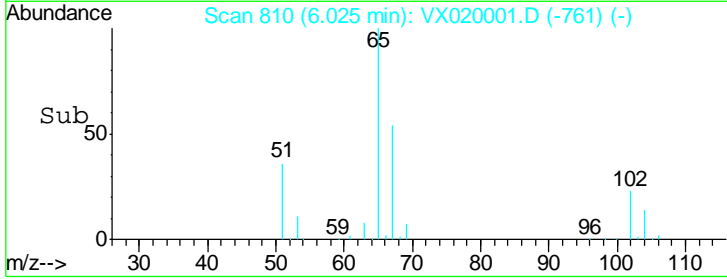
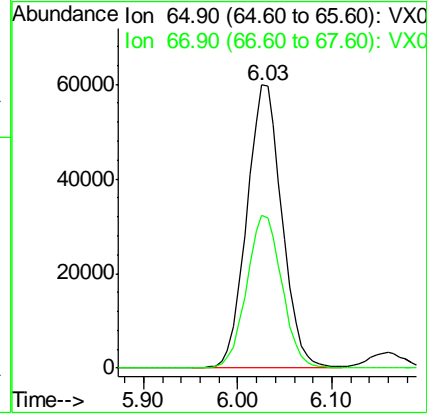
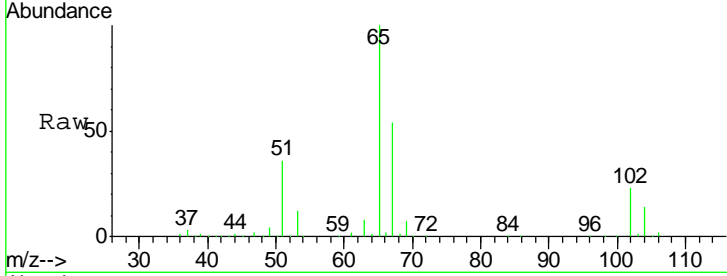




#33
 1,2-Dichloroethane-d4
 Concen: 51.499 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

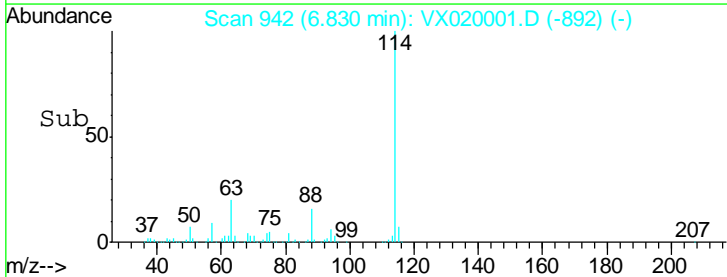
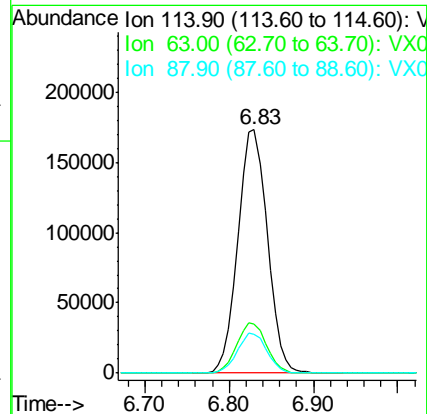
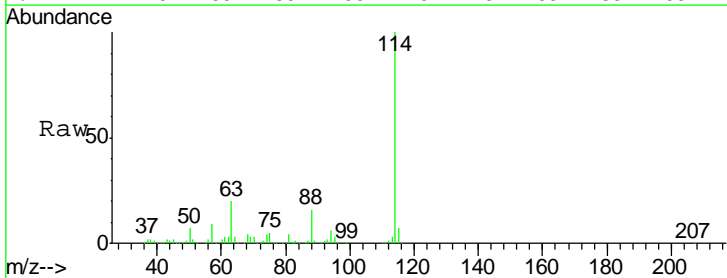
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

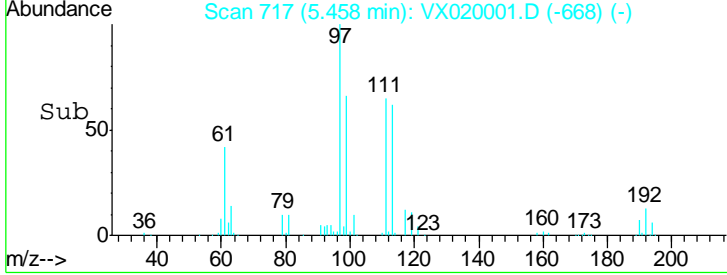
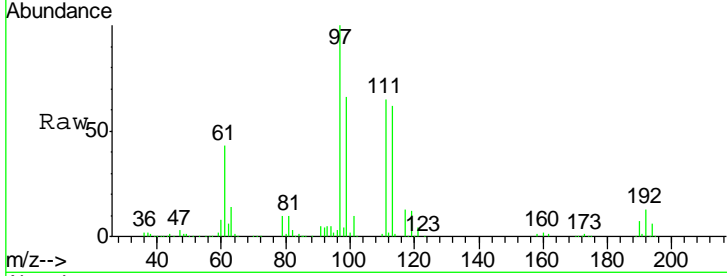
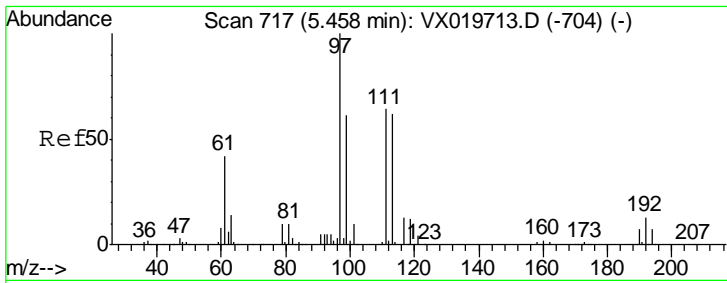
Tgt Ion: 65 Resp: 156767
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 114 Resp: 410019
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.9 0.0 32.8

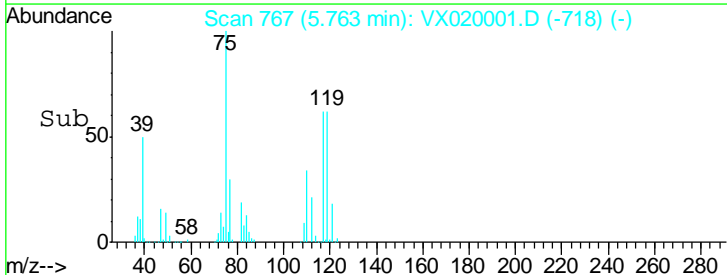
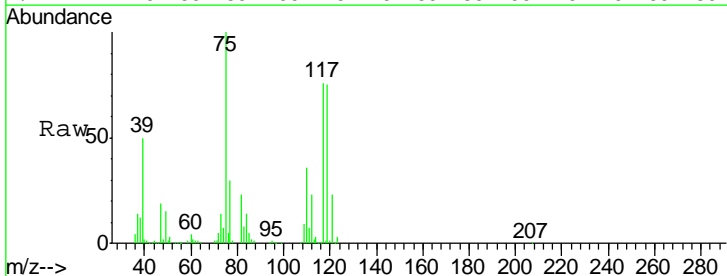
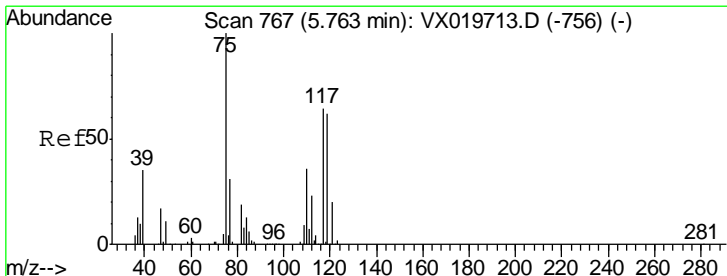
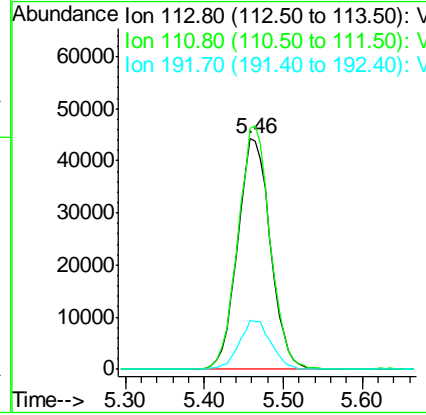




#35
 Dibromofluoromethane
 Concen: 48.250 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

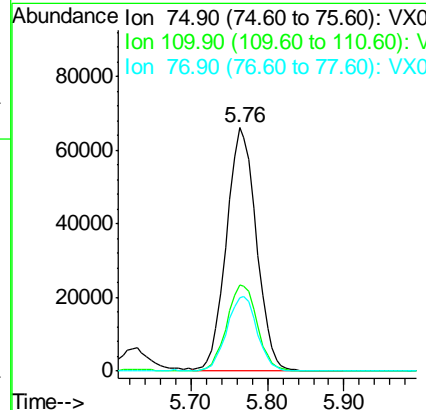
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

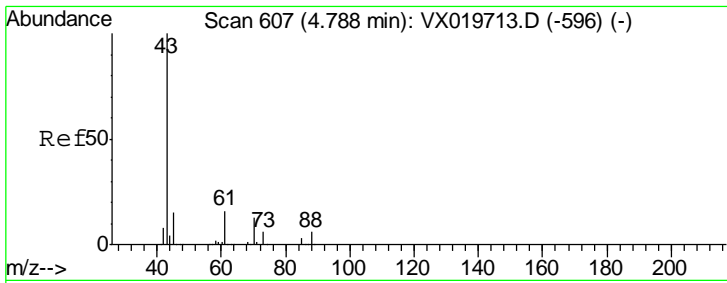
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 113 | 127858 | | |
| 113 | 100 | | |
| 111 | 103.7 | 81.9 | 122.9 |
| 192 | 20.5 | 16.7 | 25.1 |



#36
 1,1-Dichloropropene
 Concen: 48.364 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 75 | 179193 | | |
| 75 | 100 | | |
| 110 | 36.0 | 18.1 | 54.4 |
| 77 | 31.0 | 25.3 | 37.9 |

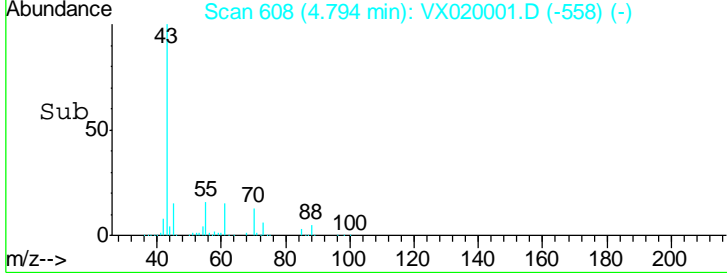
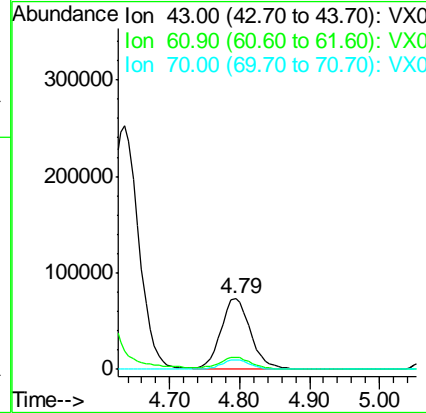
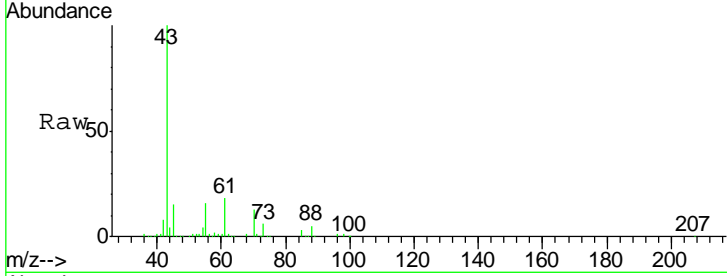




#37
 Ethyl Acetate
 Concen: 57.260 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

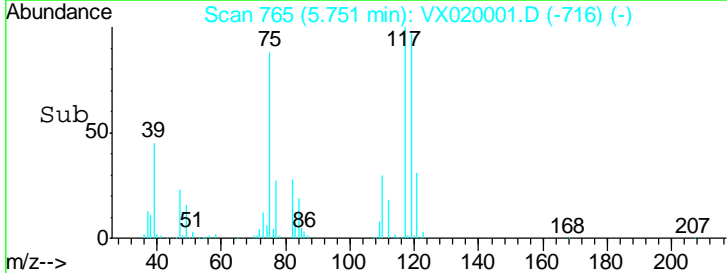
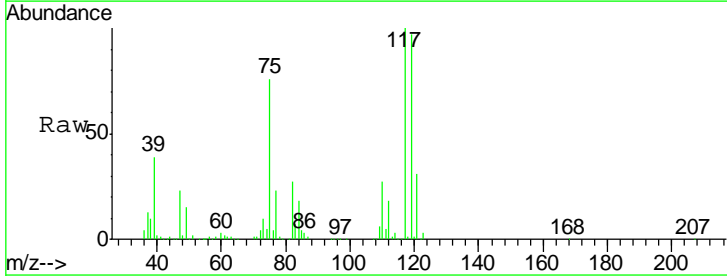
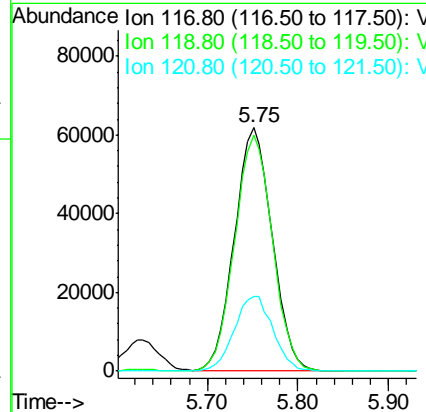
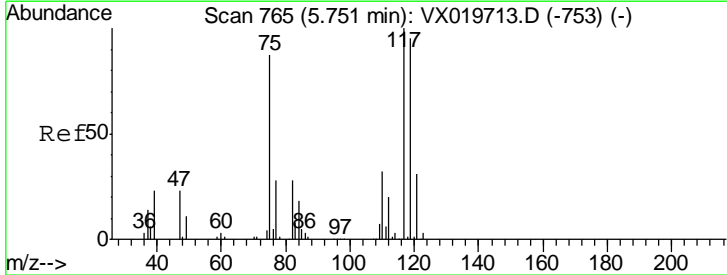
Instrument :
 MSVOA_X
ClientSampled :
 TU032-32-5229-121020MSD

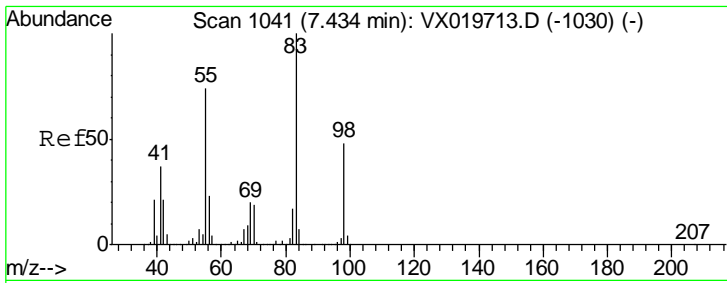
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 61 | 0.0 | 12.8 | 19.2# |
| 70 | 13.0 | 10.5 | 15.7 |



#38
 Carbon Tetrachloride
 Concen: 49.384 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117 | 100 | | |
| 119 | 96.5 | 76.2 | 114.2 |
| 121 | 30.9 | 24.8 | 37.2 |

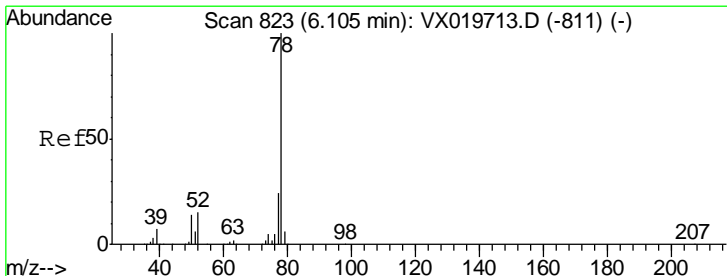
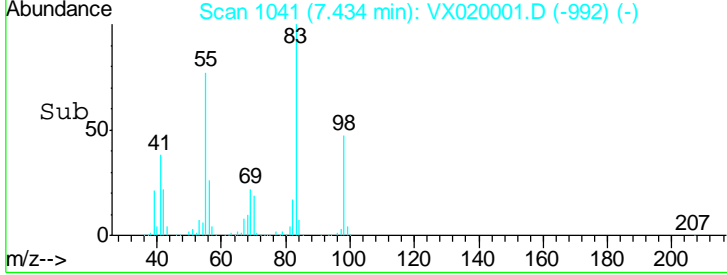
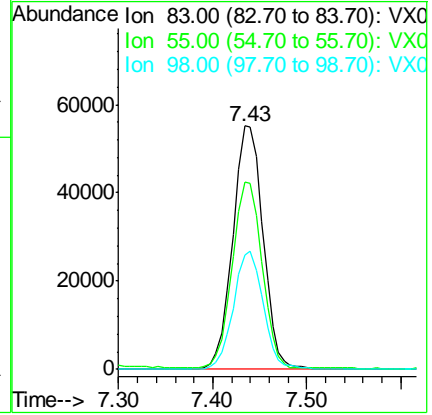
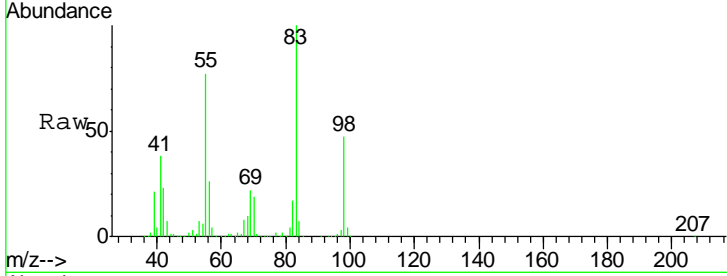




#39
 Methylcyclohexane
 Concen: 28.371 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

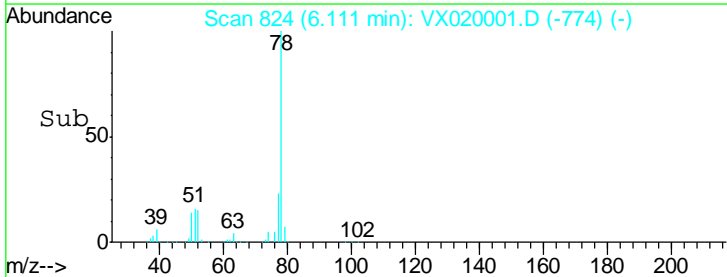
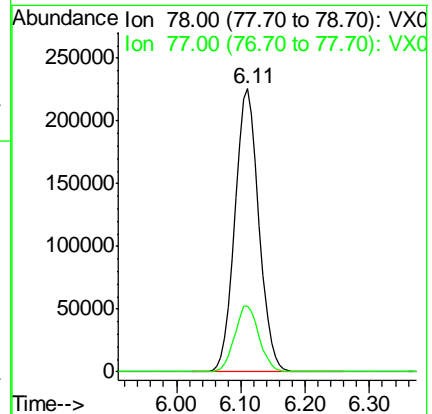
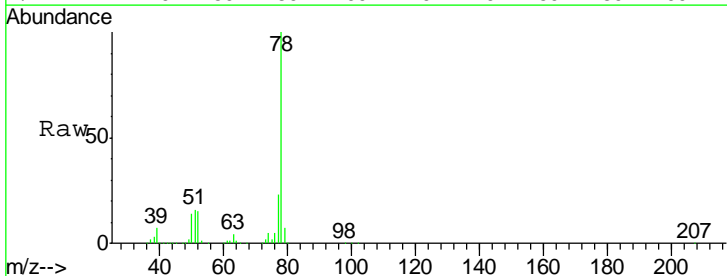
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

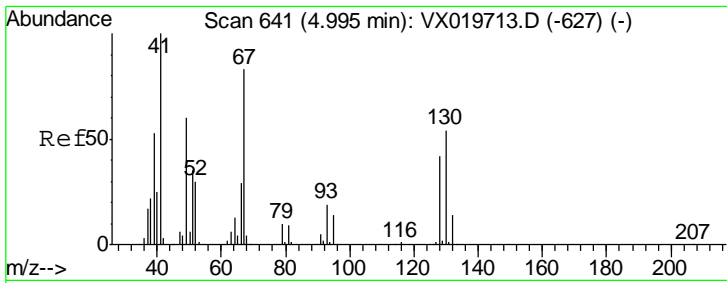
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 83 | 123499 | | |
| 55 | 76.3 | 58.9 | 88.3 |
| 98 | 47.1 | 38.1 | 57.1 |



#40
 Benzene
 Concen: 51.947 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 78 | 587932 | | |
| 77 | 23.4 | 18.9 | 28.3 |

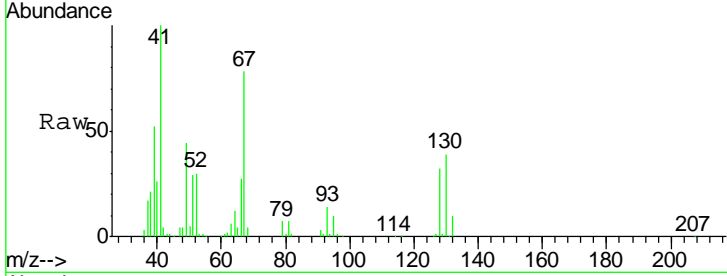




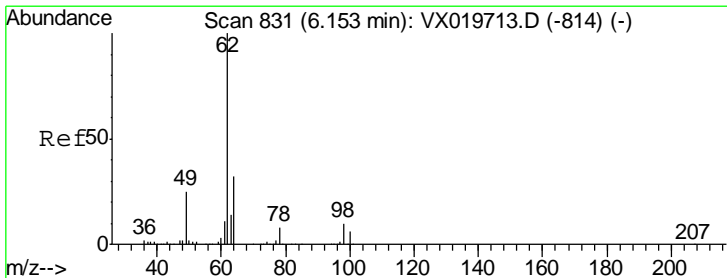
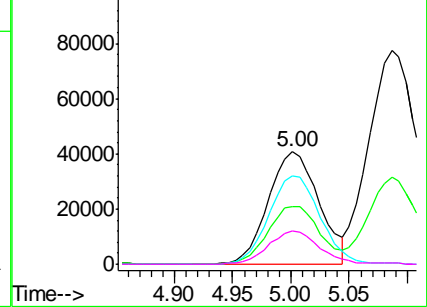
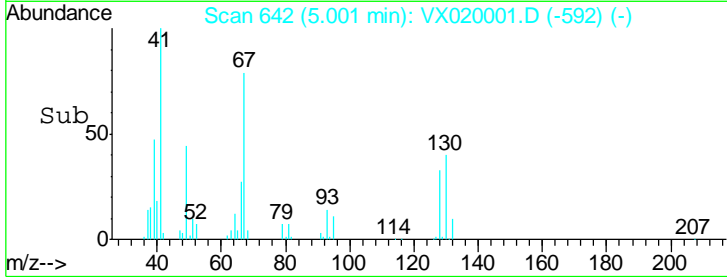
#41
 Methacrylonitrile
 Concen: 59.650 ug/l
 RT: 5.00 min Scan# 642
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41 | 100 | | |
| 39 | 53.2 | 42.5 | 63.7 |
| 67 | 80.5 | 65.0 | 97.6 |
| 52 | 30.9 | 25.3 | 37.9 |

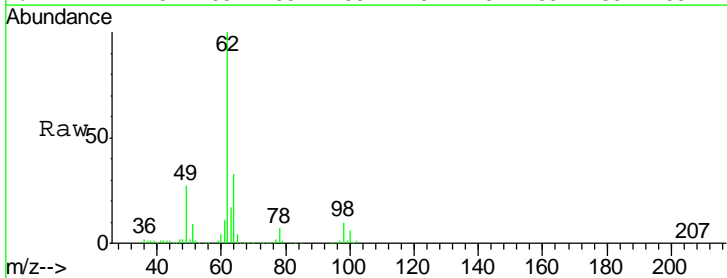


Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0
 Ion 67.00 (66.70 to 67.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0

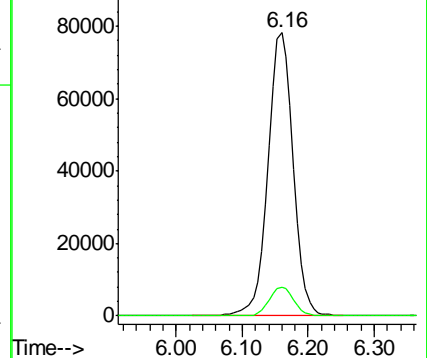
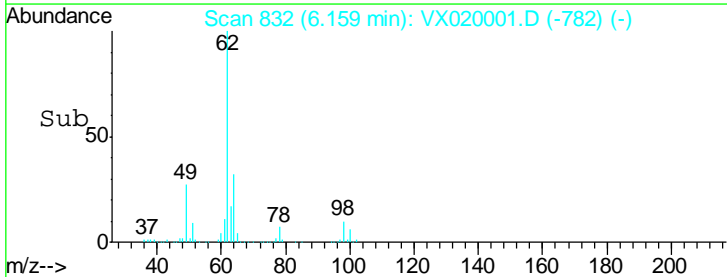


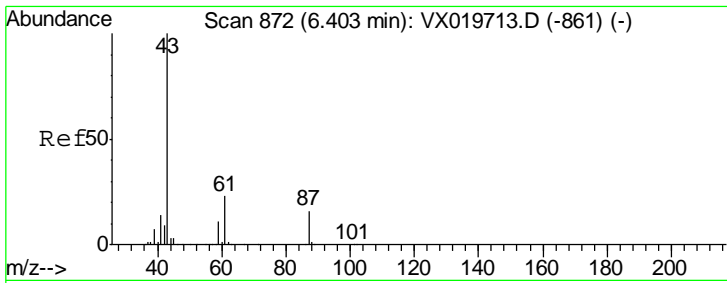
#42
 1,2-Dichloroethane
 Concen: 53.395 ug/l
 RT: 6.16 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62 | 100 | | |
| 98 | 9.9 | 0.0 | 20.2 |



Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



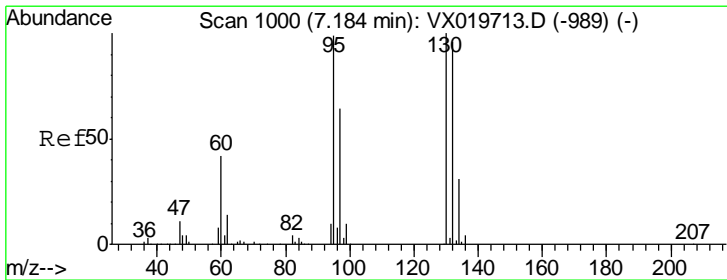
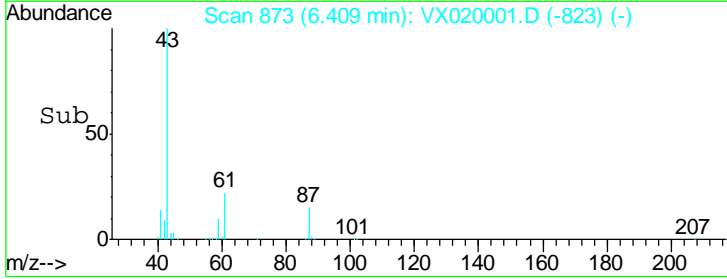
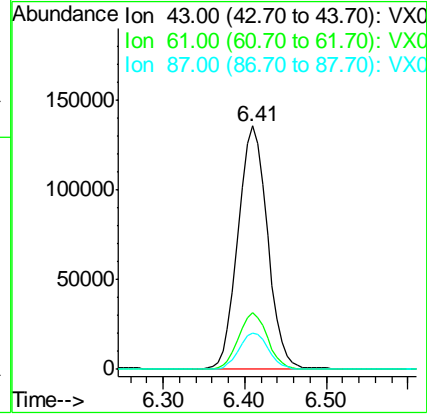
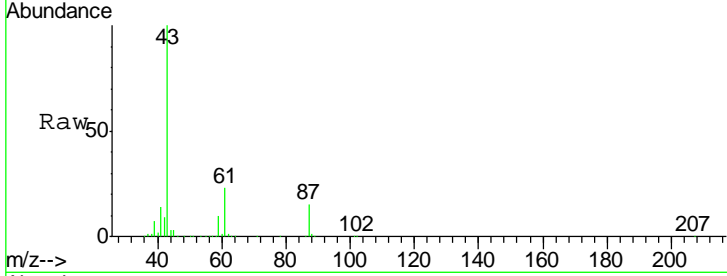


#43
 Isopropyl Acetate
 Concen: 55.327 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

Tgt Ion: 43 Resp: 336495

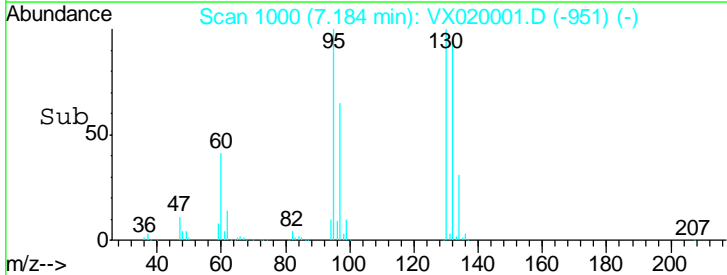
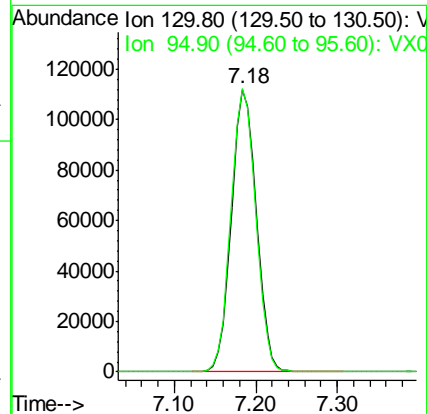
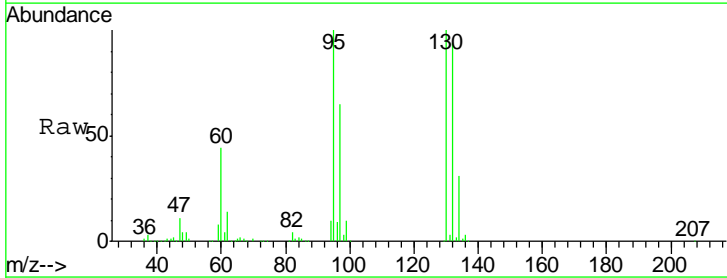
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43 | 100 | | |
| 61 | 23.1 | 18.2 | 27.4 |
| 87 | 15.1 | 12.5 | 18.7 |

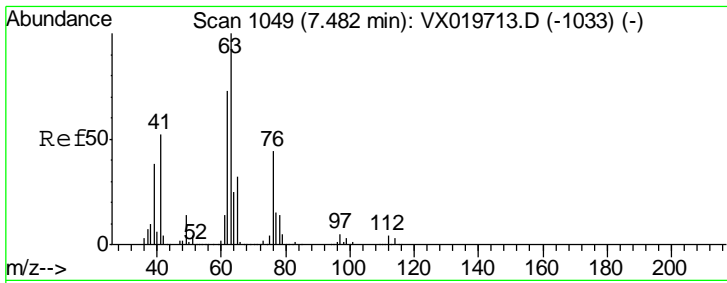


#44
 Trichloroethene
 Concen: 79.209 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 130 Resp: 235214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100 | | |
| 95 | 100.2 | 0.0 | 198.0 |

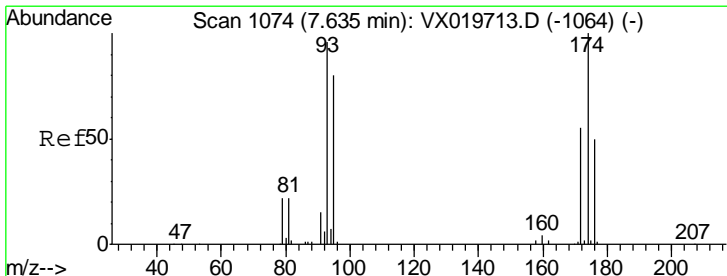
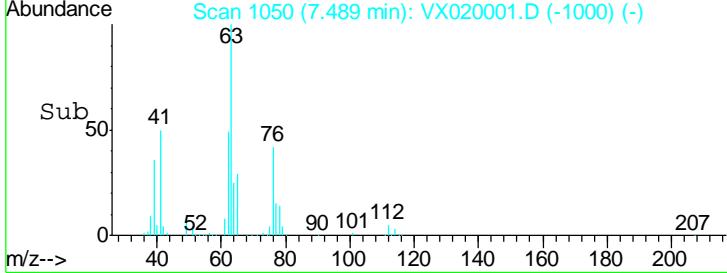
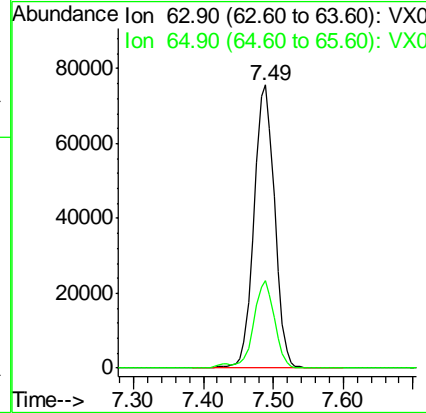
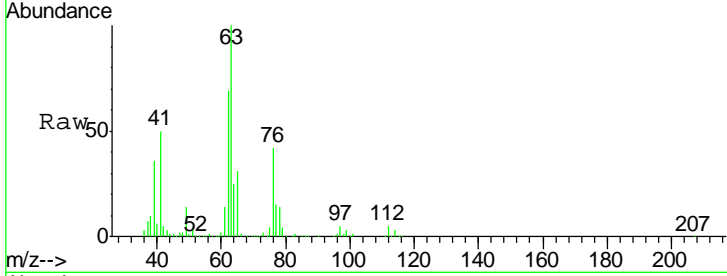




#45
 1,2-Dichloropropane
 Concen: 54.775 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

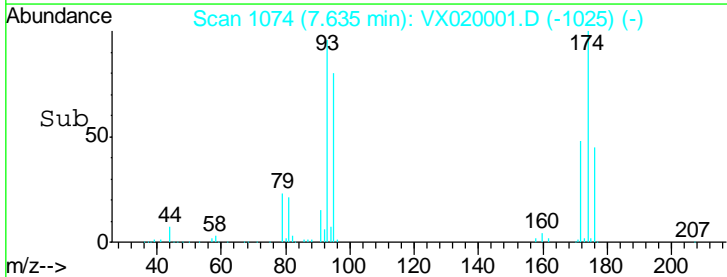
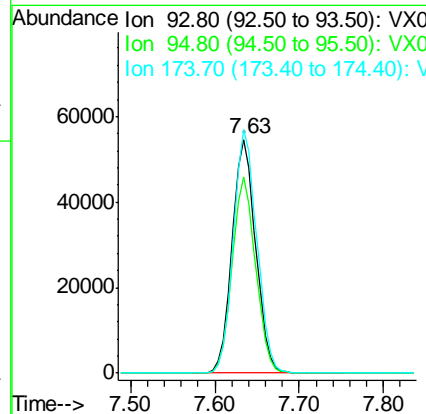
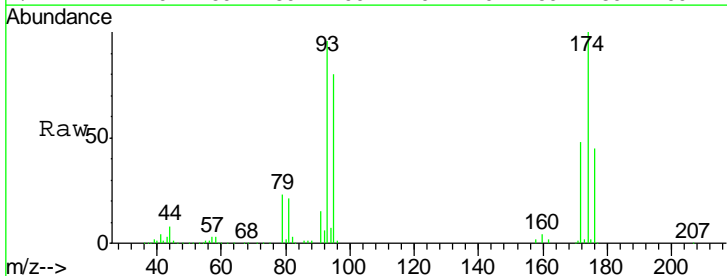
Instrument :
 MSVOA_X
ClientSampled :
 TU032-32-5229-121020MSD

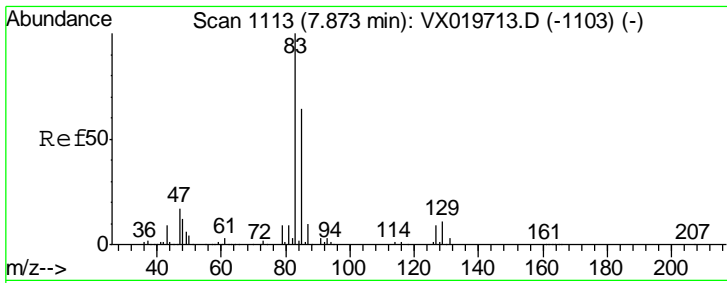
Tgt Ion: 63 Resp: 154941
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.7 38.5



#46
 Dibromomethane
 Concen: 54.556 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 93 Resp: 104214
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 103.4 83.1 124.7

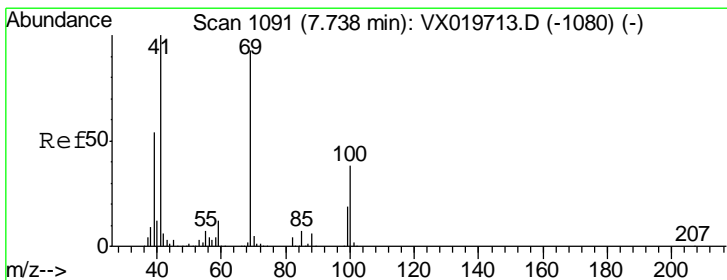
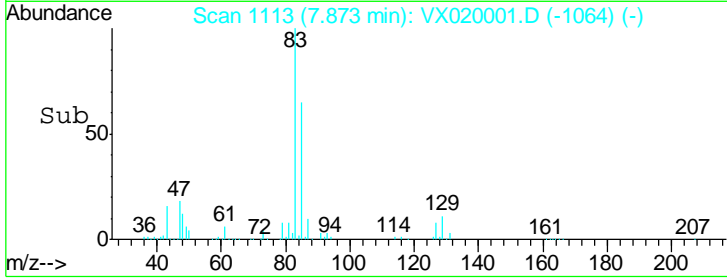
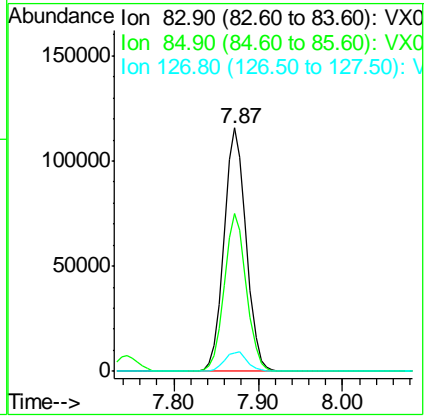
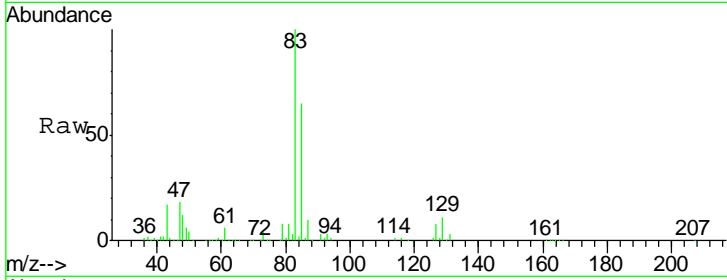




#47
 Bromodichloromethane
 Concen: 54.961 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

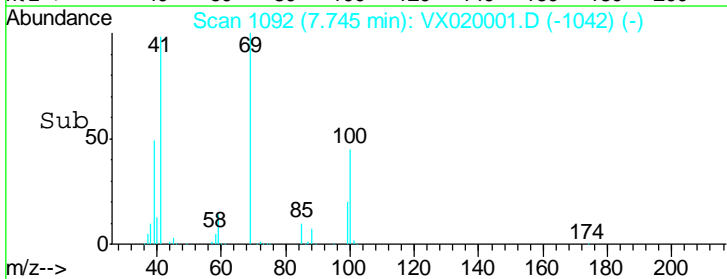
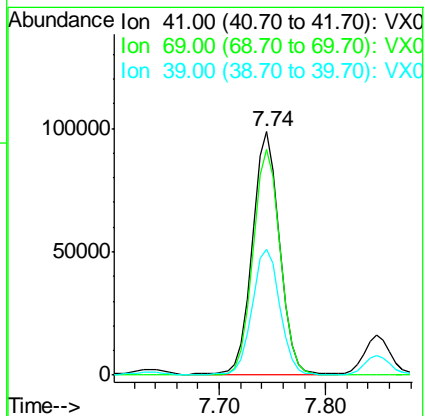
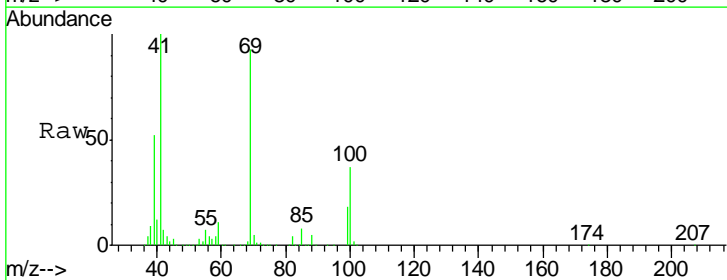
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

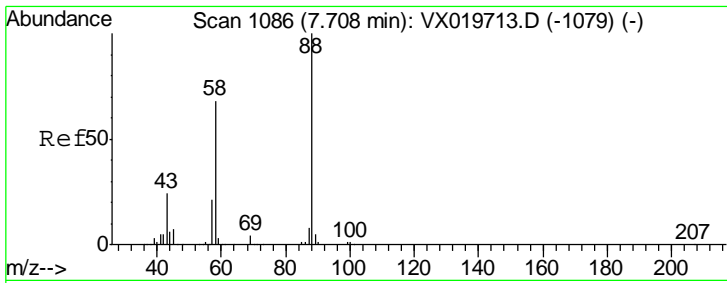
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83 | 100 | | |
| 85 | 65.0 | 51.4 | 77.0 |
| 127 | 7.7 | 6.8 | 10.2 |



#48
 Methyl methacrylate
 Concen: 58.897 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41 | 100 | | |
| 69 | 93.5 | 76.0 | 114.0 |
| 39 | 52.6 | 44.6 | 67.0 |

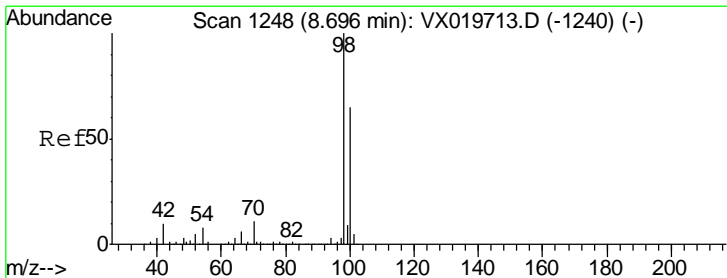
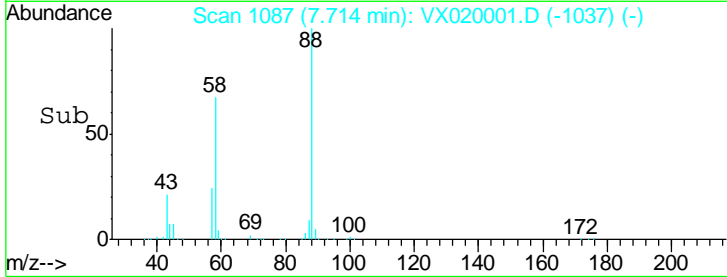
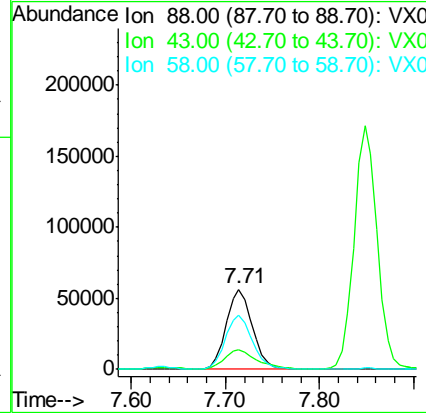
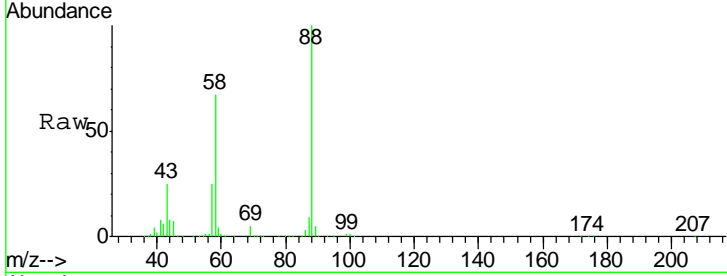




#49
 1,4-Dioxane
 Concen: 1493.079 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

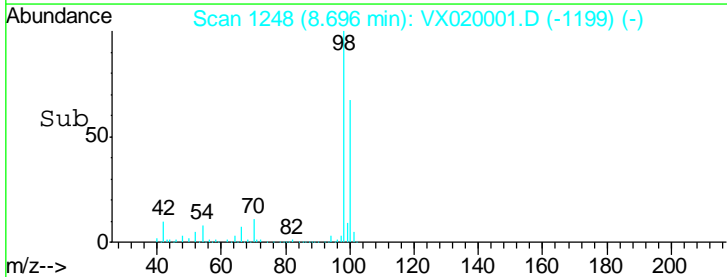
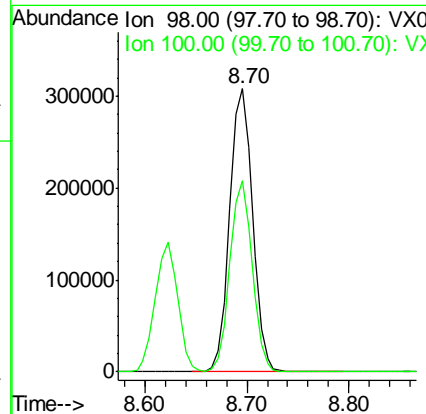
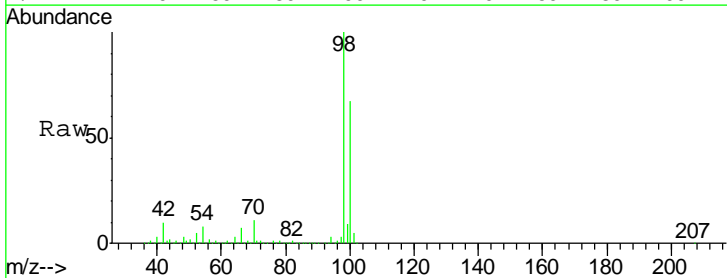
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

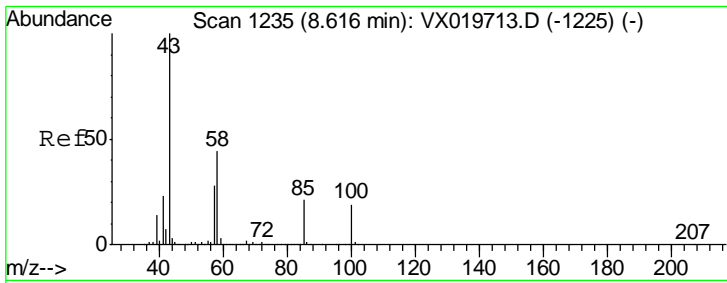
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 88 | 108188 | | |
| 43 | 27.7 | 23.2 | 34.8 |
| 58 | 70.3 | 55.0 | 82.4 |



#50
 Toluene-d8
 Concen: 47.264 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 98 | 478149 | | |
| 100 | 66.1 | 51.9 | 77.9 |

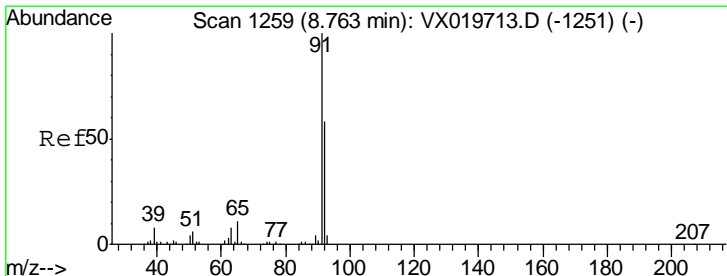
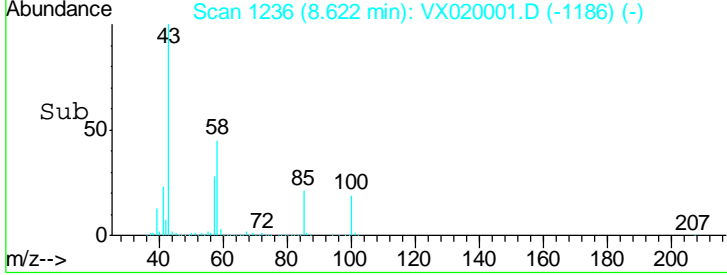
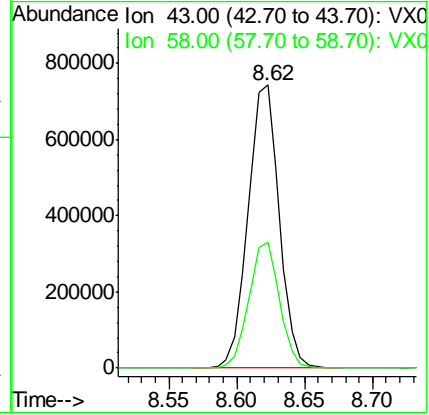
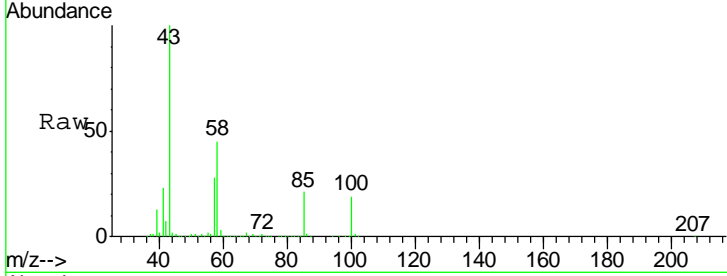




#51
 4-Methyl-2-Pentanone
 Concen: 320.415 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

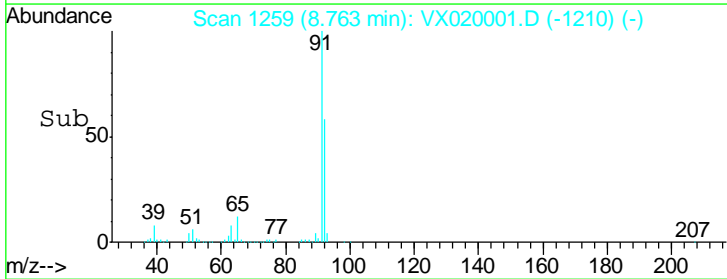
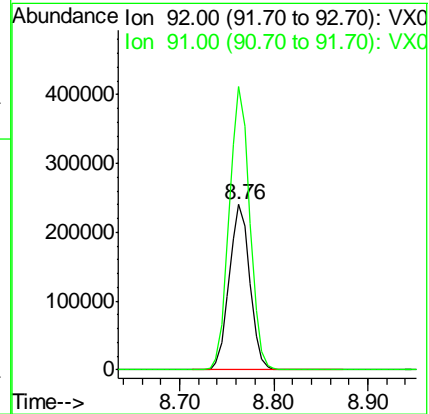
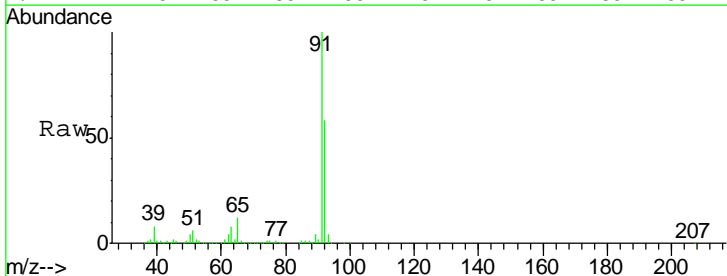
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

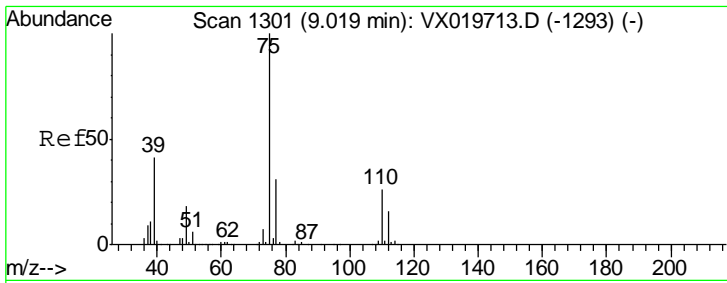
Tgt Ion: 43 Resp: 1189768
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.4 53.0



#52
 Toluene
 Concen: 51.393 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 92 Resp: 363795
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.1 205.7

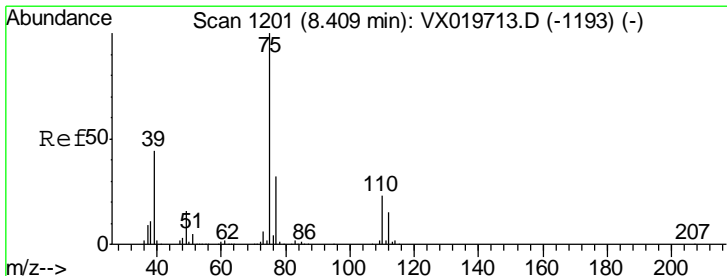
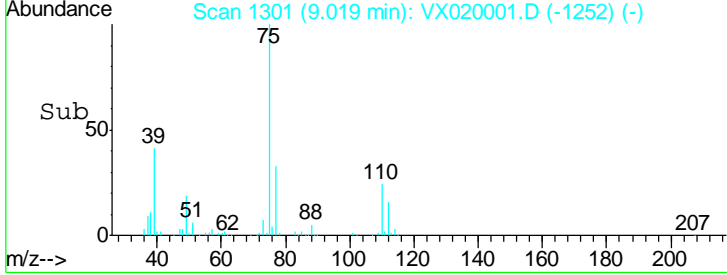
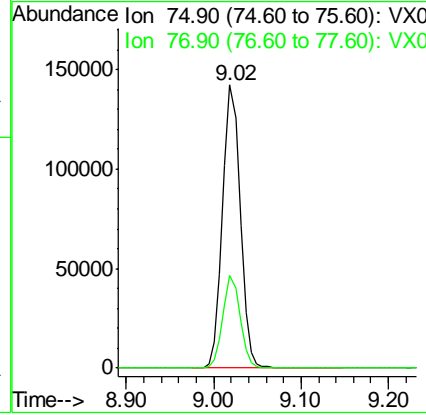
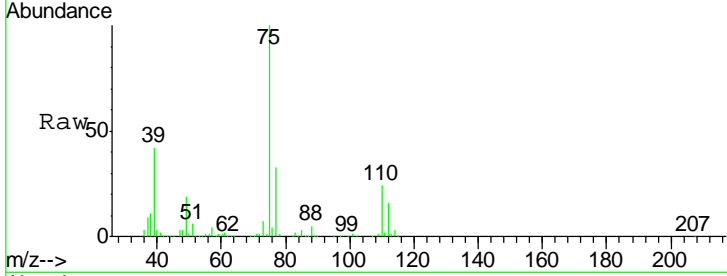




#53
 t-1,3-Dichloropropene
 Concen: 47.577 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

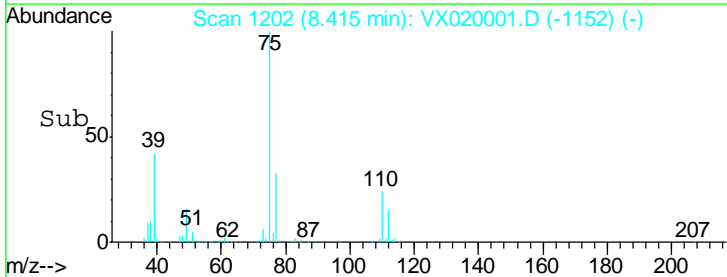
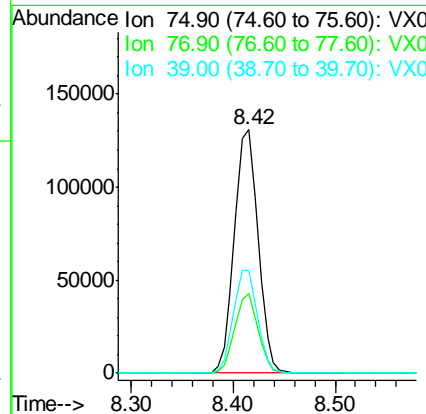
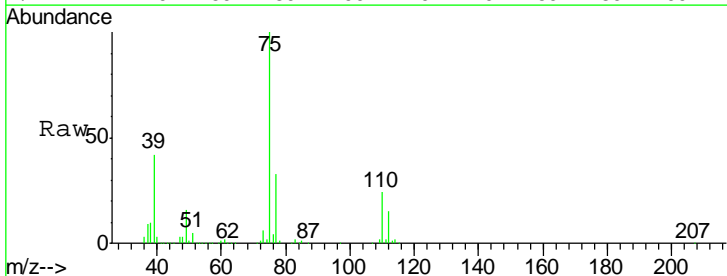
Instrument :
 MSVOA_X
ClientSampled :
 TU032-32-5229-121020MSD

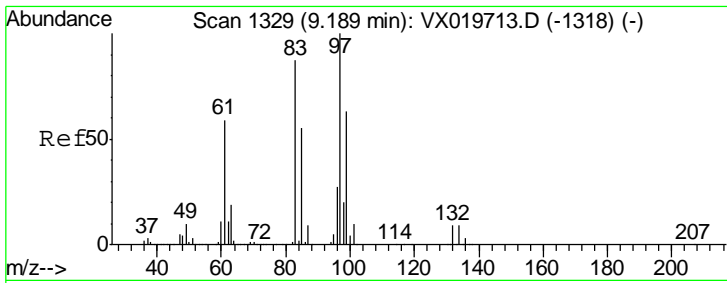
Tgt Ion: 75 Resp: 200124
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 46.085 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 75 Resp: 210596
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5
 39 42.1 35.1 52.7



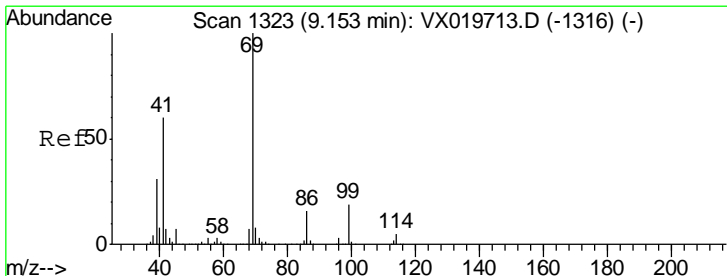
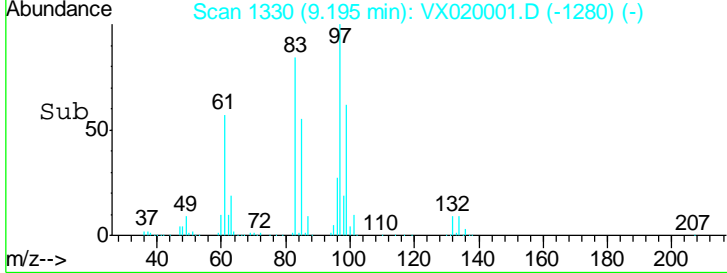
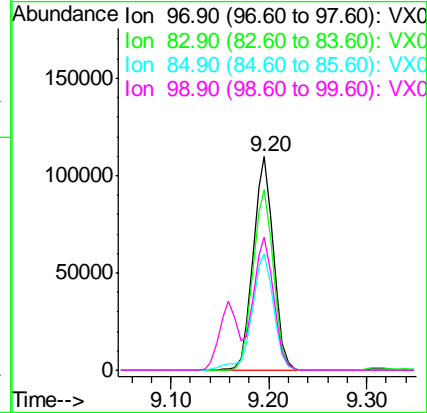
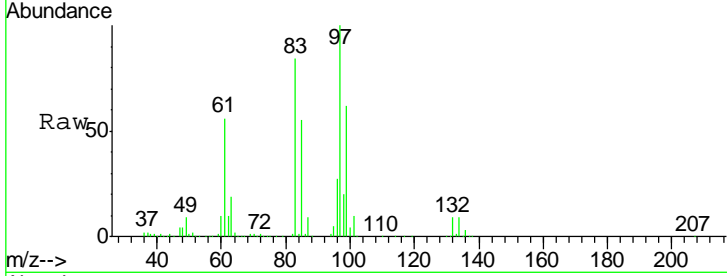


#55
 1,1,2-Trichloroethane
 Concen: 55.405 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Instrument :
 MSVOA_X
ClientSampled :
 TU032-32-5229-121020MSD

Tgt Ion: 97 Resp: 158050

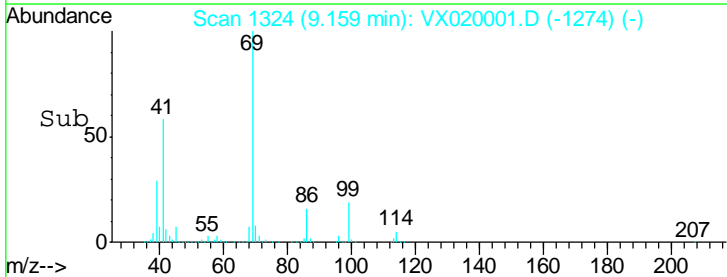
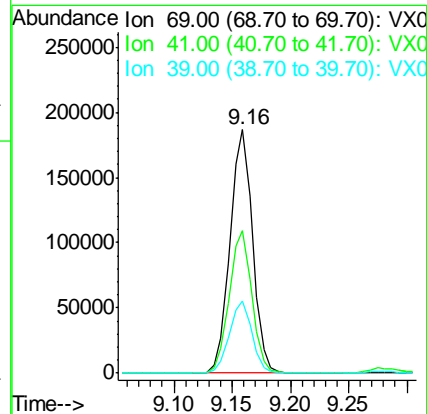
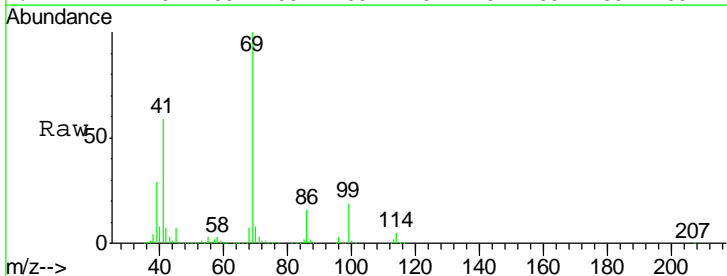
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97 | 100 | | |
| 83 | 84.4 | 69.3 | 103.9 |
| 85 | 54.8 | 44.3 | 66.5 |
| 99 | 62.3 | 50.3 | 75.5 |

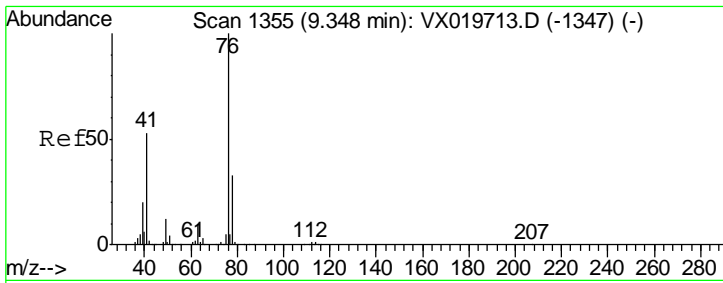


#56
 Ethyl methacrylate
 Concen: 57.851 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 69 Resp: 249678

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69 | 100 | | |
| 41 | 58.4 | 46.8 | 70.2 |
| 39 | 29.6 | 24.7 | 37.1 |

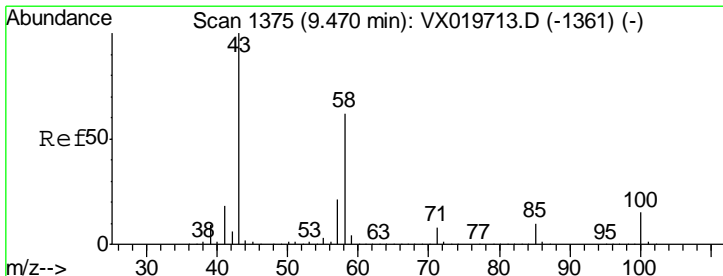
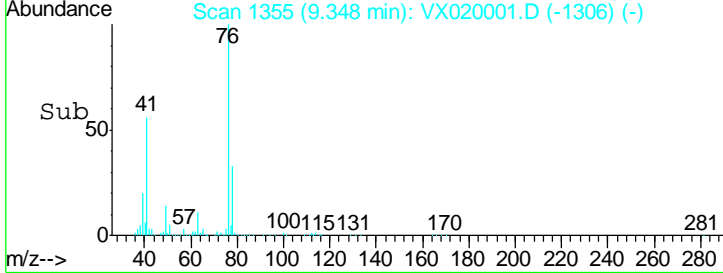
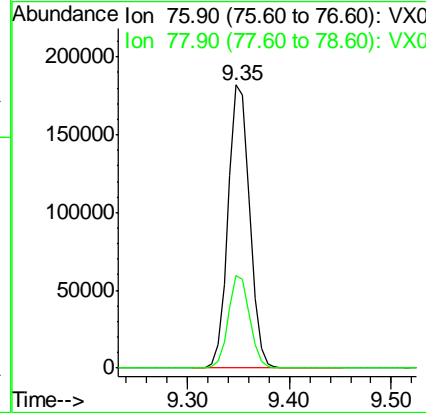
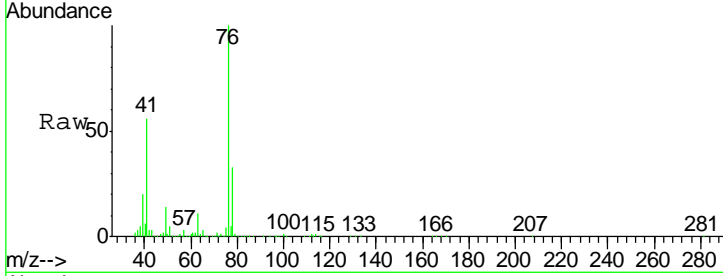




#57
 1,3-Dichloropropane
 Concen: 54.599 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

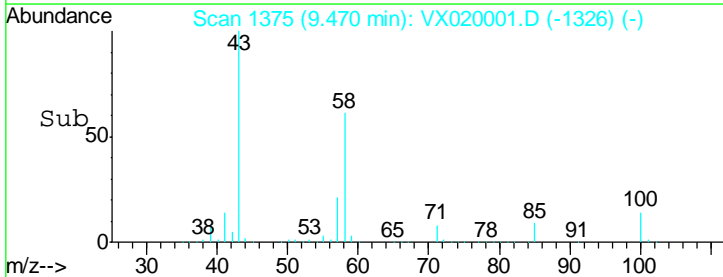
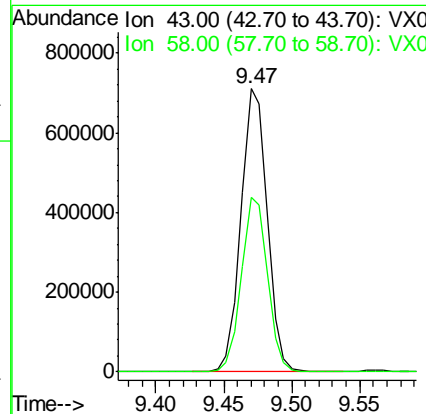
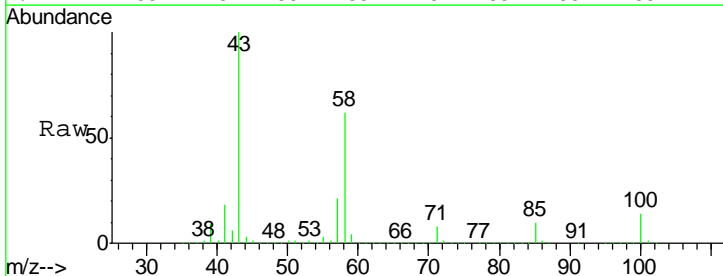
Instrument :
 MSVOA_X
ClientSampled :
 TU032-32-5229-121020MSD

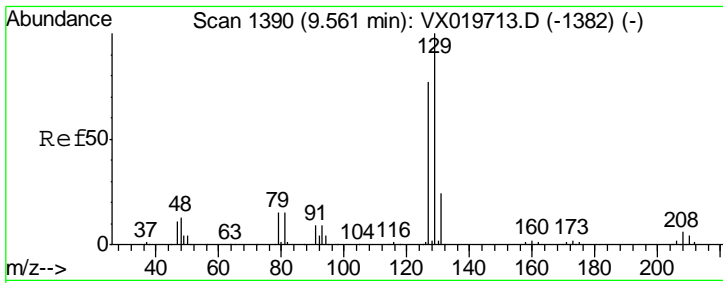
Tgt Ion: 76 Resp: 265943
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#59
 2-Hexanone
 Concen: 332.163 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 43 Resp: 956041
 Ion Ratio Lower Upper
 43 100
 58 61.5 30.9 92.8

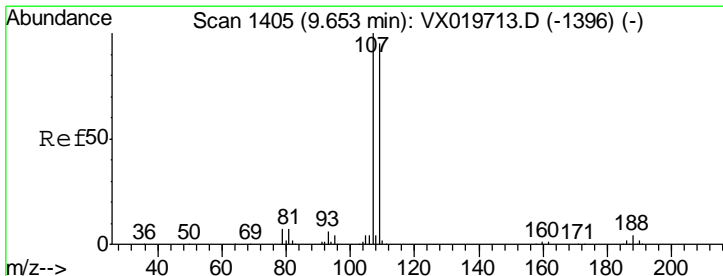
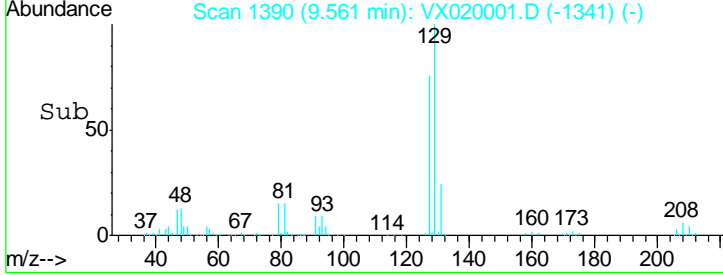
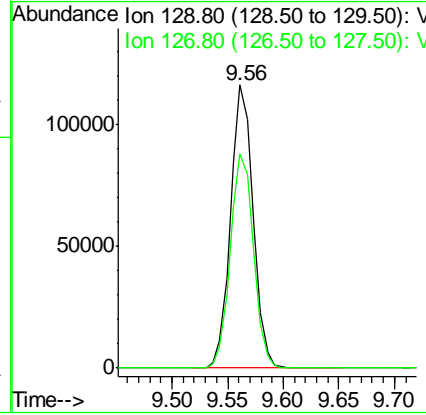
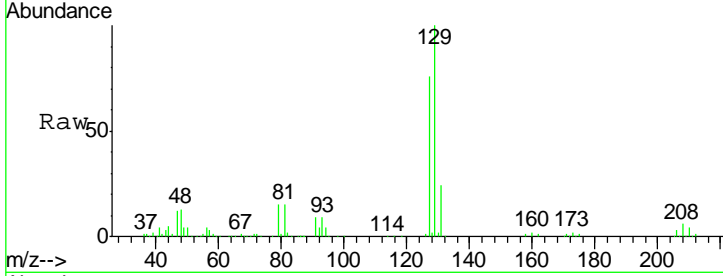




#60
 Dibromochloromethane
 Concen: 56.055 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

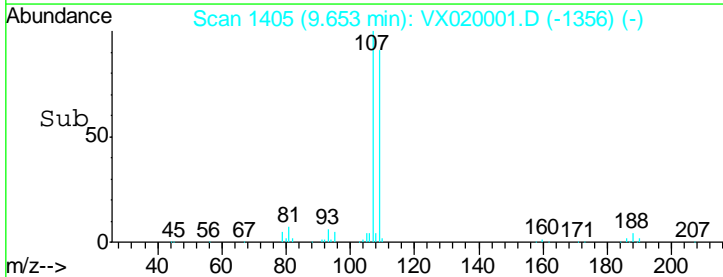
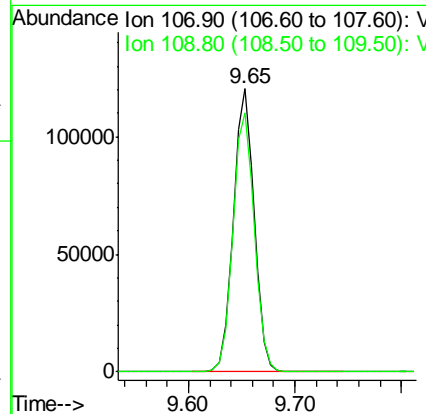
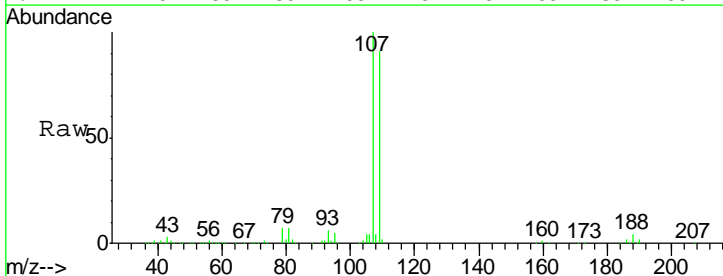
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

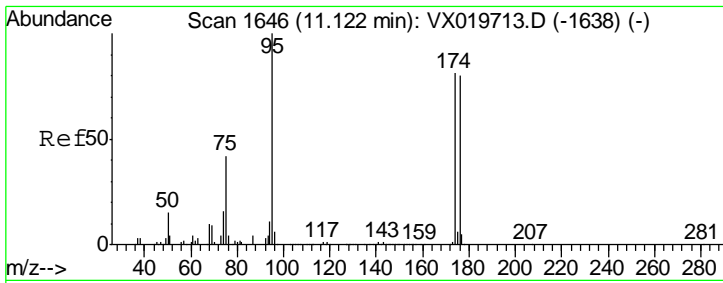
Tgt Ion:129 Resp: 162458
 Ion Ratio Lower Upper
 129 100
 127 78.3 38.4 115.2



#61
 1,2-Dibromoethane
 Concen: 54.623 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion:107 Resp: 165458
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.6

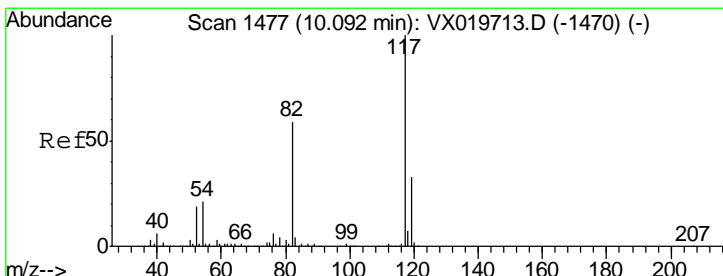
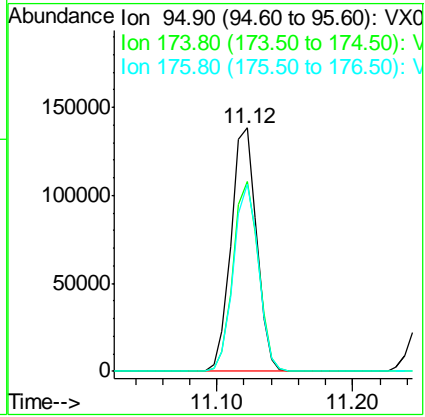
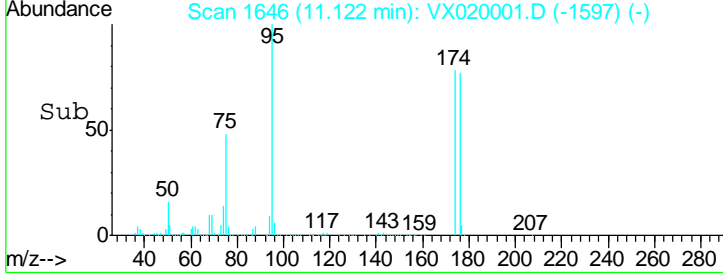
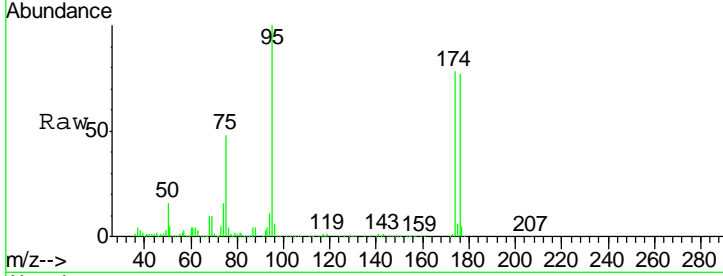




#62
 4-Bromofluorobenzene
 Concen: 47.048 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

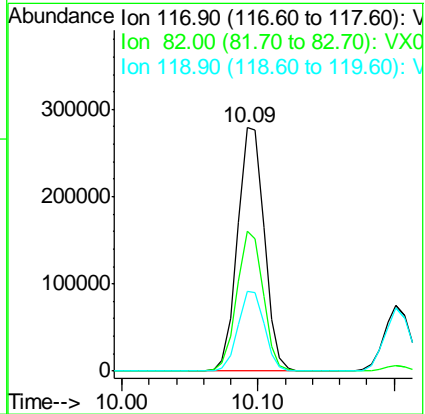
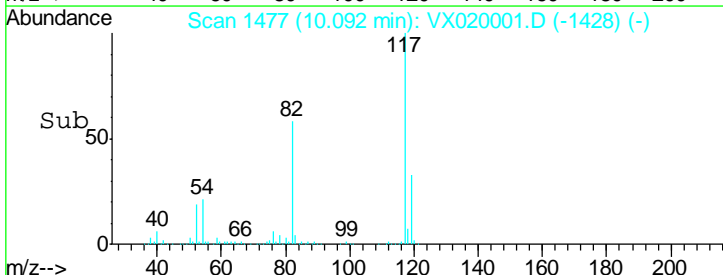
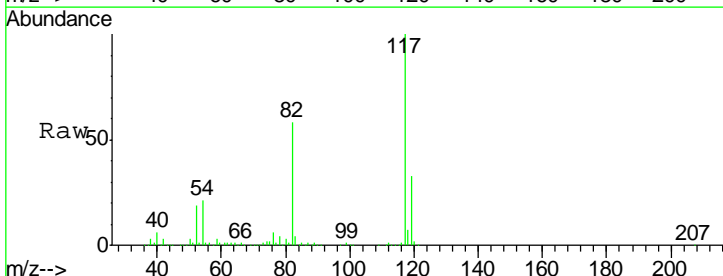
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

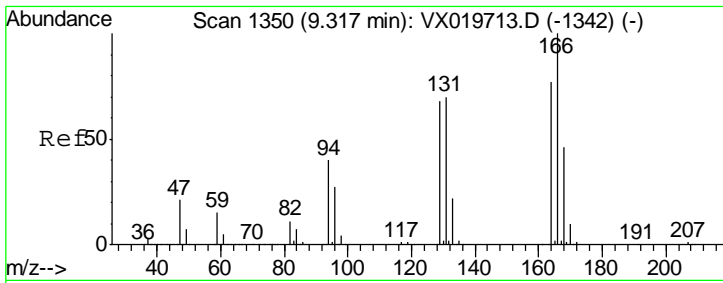
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 95 | 181160 | | |
| 174 | 77.4 | 0.0 | 154.6 |
| 176 | 75.2 | 0.0 | 155.8 |



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.09 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 117 | 382922 | | |
| 82 | 57.6 | 47.4 | 71.2 |
| 119 | 32.6 | 26.6 | 39.8 |

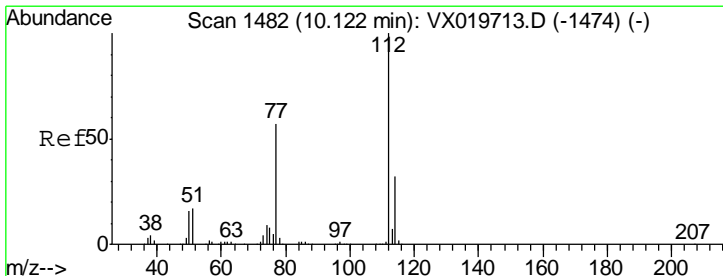
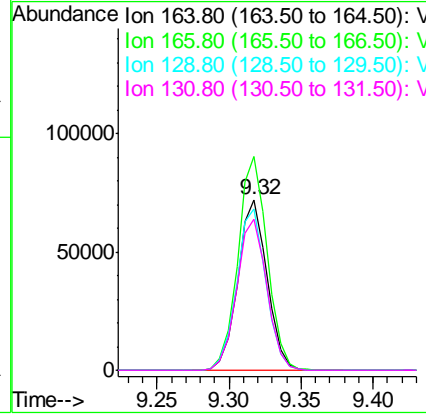
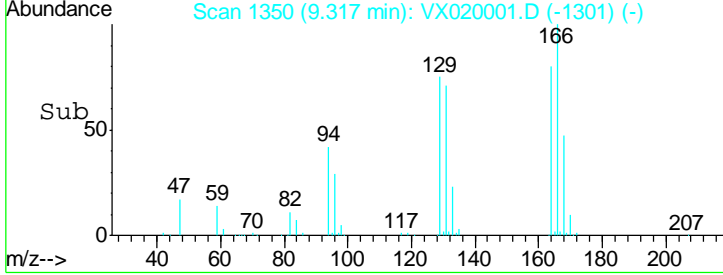
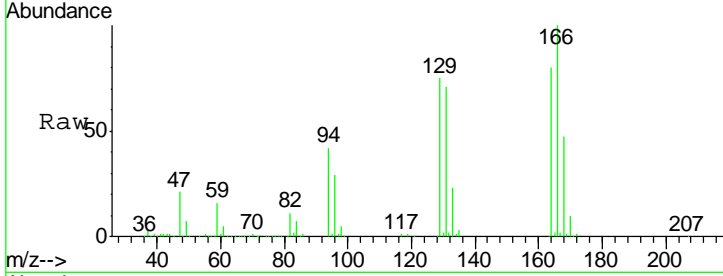




#64
 Tetrachloroethene
 Concen: 39.738 ug/l
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

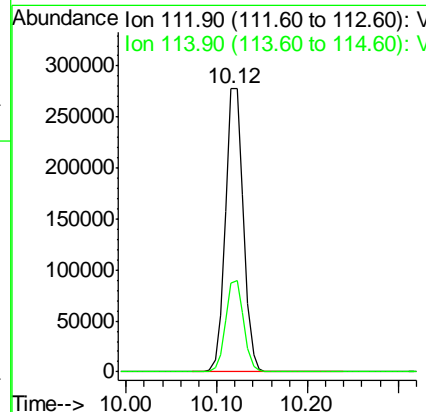
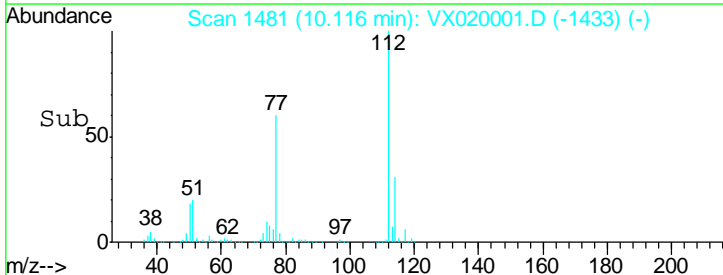
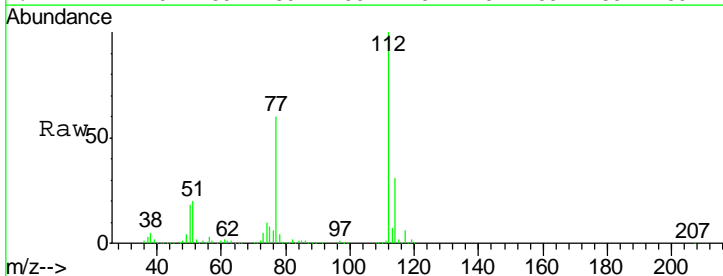
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

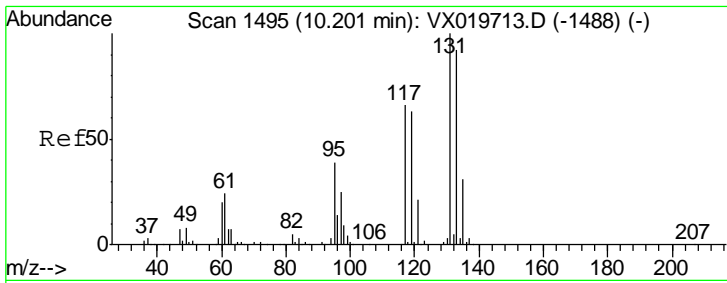
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 164 | 100 | | |
| 166 | 125.1 | 103.4 | 155.2 |
| 129 | 94.4 | 70.8 | 106.2 |
| 131 | 88.2 | 72.5 | 108.7 |



#65
 Chlorobenzene
 Concen: 50.243 ug/l
 RT: 10.12 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 112 | 100 | | |
| 114 | 31.5 | 25.8 | 38.6 |

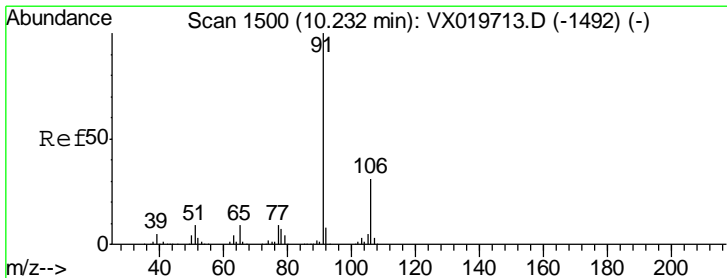
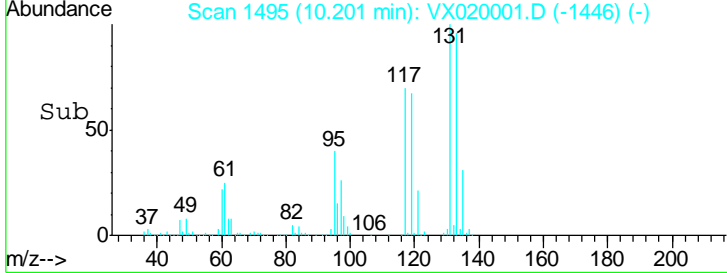
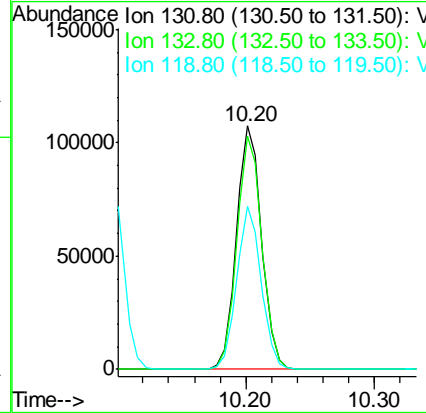
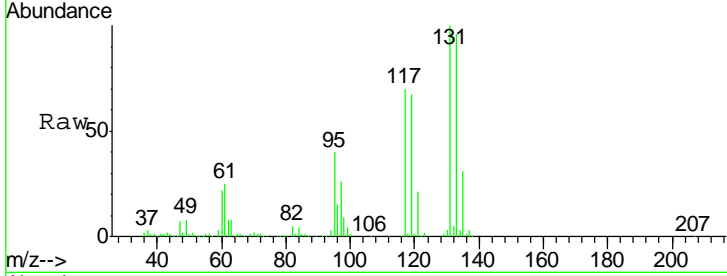




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.071 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

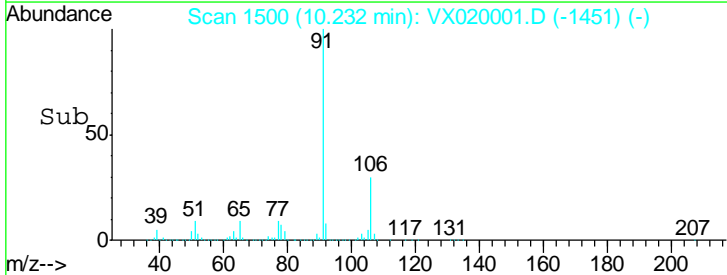
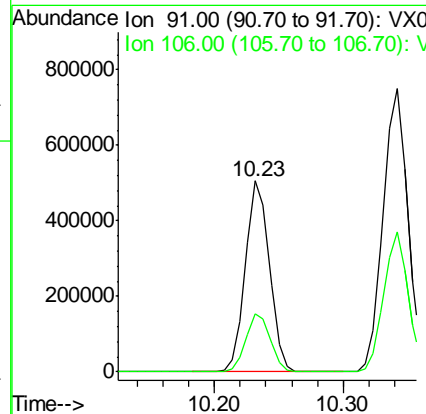
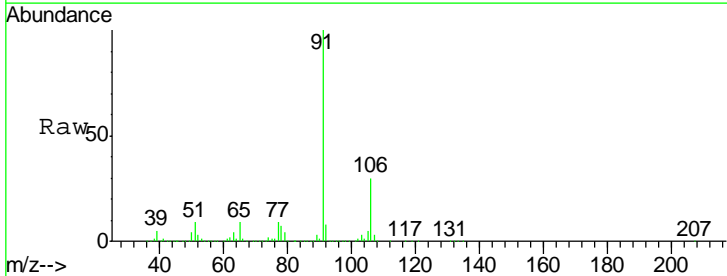
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

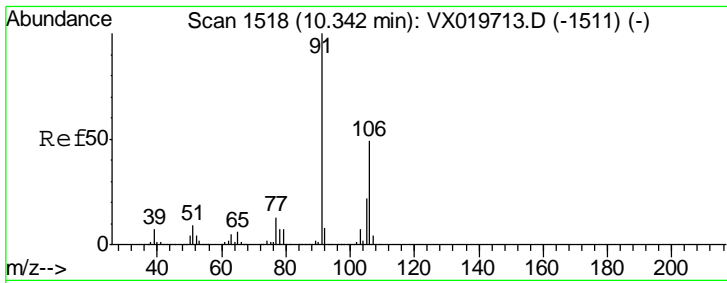
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 131 | 145726 | | |
| 133 | 95.7 | 47.7 | 143.1 |
| 119 | 65.6 | 32.1 | 96.5 |



#67
 Ethyl Benzene
 Concen: 48.237 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 91 | 653203 | | |
| 106 | 30.3 | 24.6 | 37.0 |

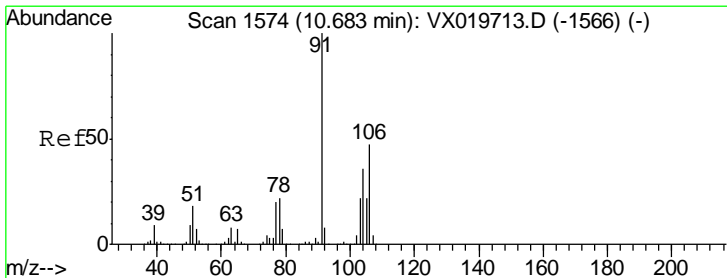
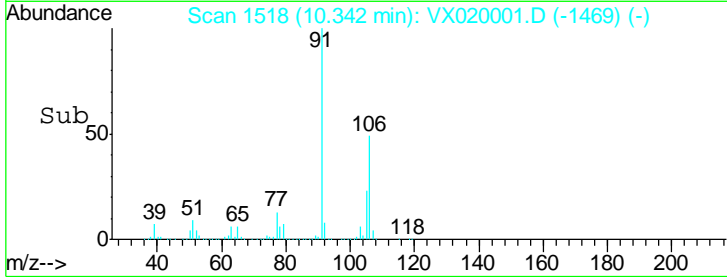
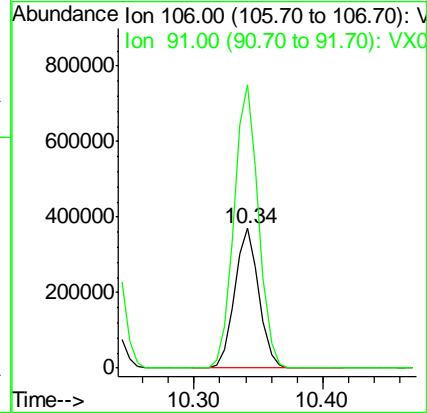
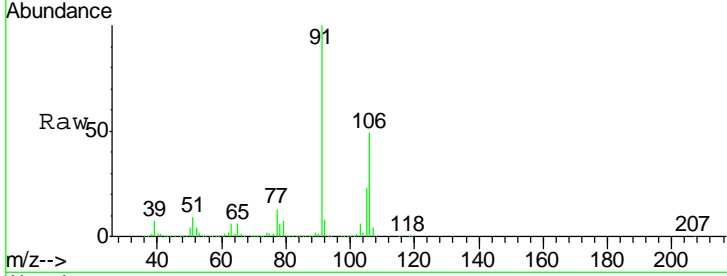




#68
 m/p-Xylenes
 Concen: 95.037 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

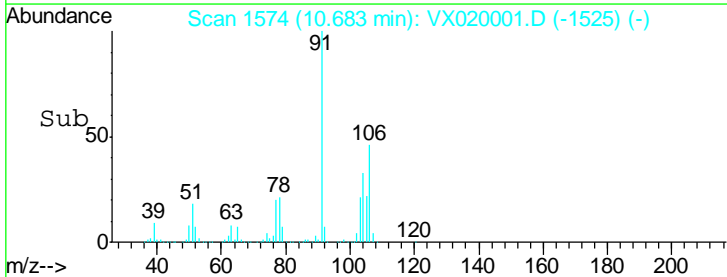
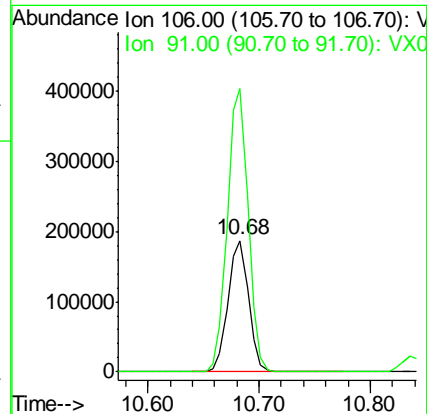
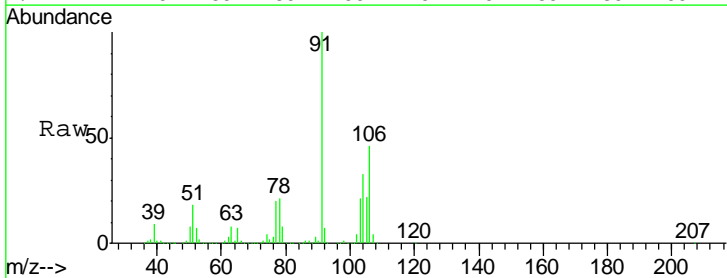
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

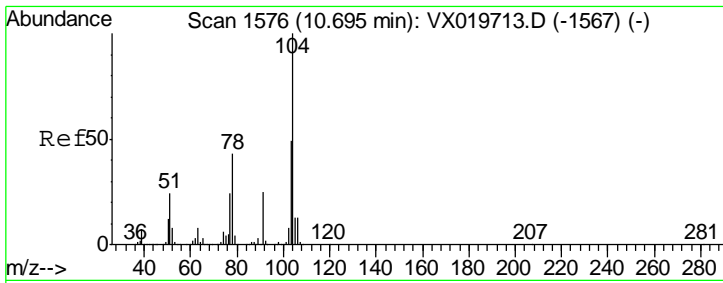
Tgt Ion:106 Resp: 484944
 Ion Ratio Lower Upper
 106 100
 91 205.5 162.8 244.2



#69
 o-Xylene
 Concen: 48.645 ug/l
 RT: 10.68 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion:106 Resp: 238775
 Ion Ratio Lower Upper
 106 100
 91 218.6 108.1 324.2

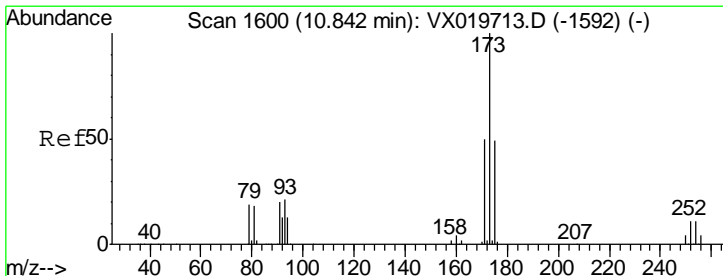
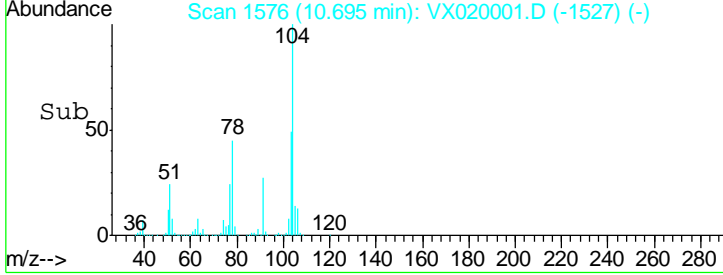
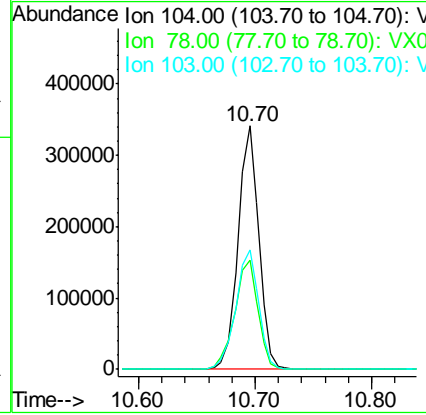
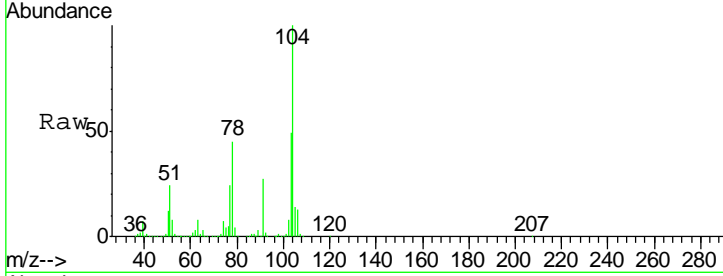




#70
 Styrene
 Concen: 51.248 ug/l
 RT: 10.70 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

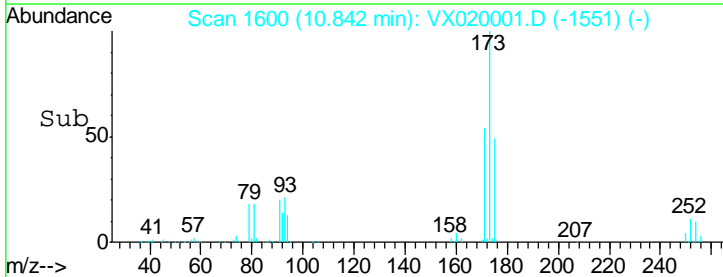
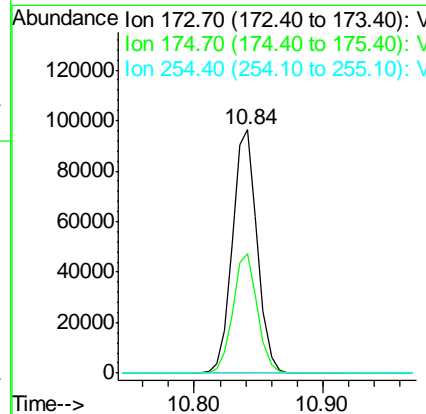
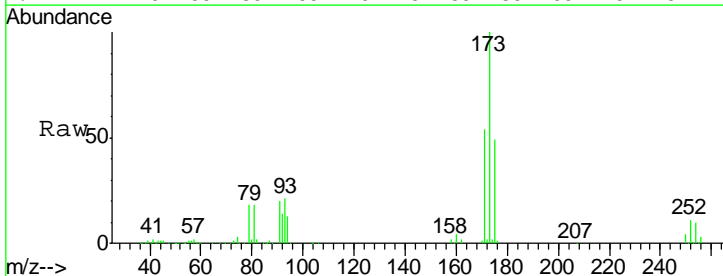
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

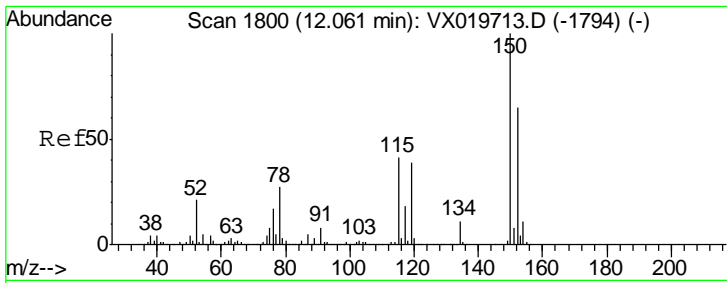
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 104 | 424591 | | |
| 78 | 50.4 | 40.0 | 60.0 |
| 103 | 54.1 | 43.4 | 65.0 |



#71
 Bromoform
 Concen: 59.966 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 173 | 129533 | | |
| 175 | 48.7 | 23.9 | 71.8 |
| 254 | 0.1 | 0.1 | 0.1 |

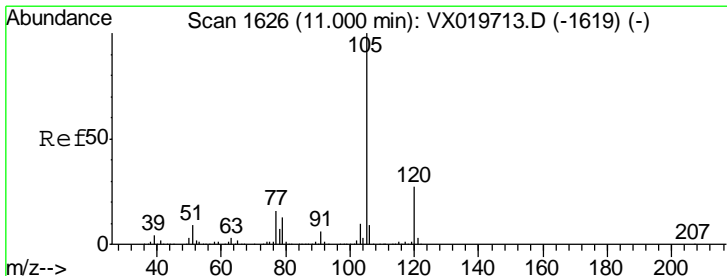
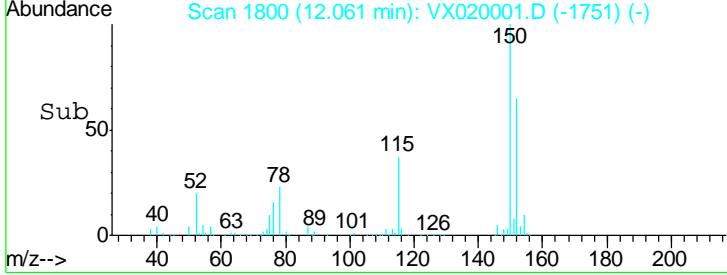
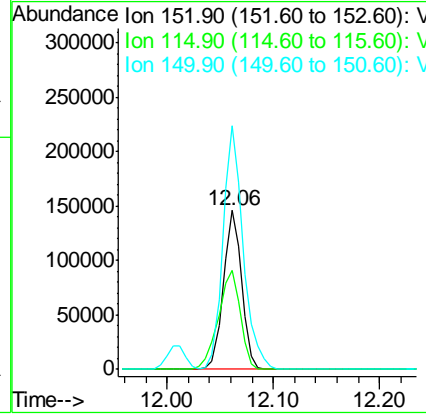
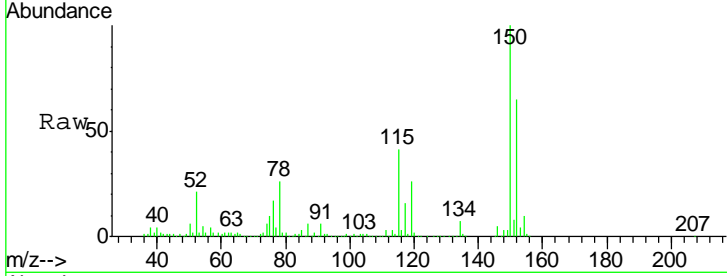




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

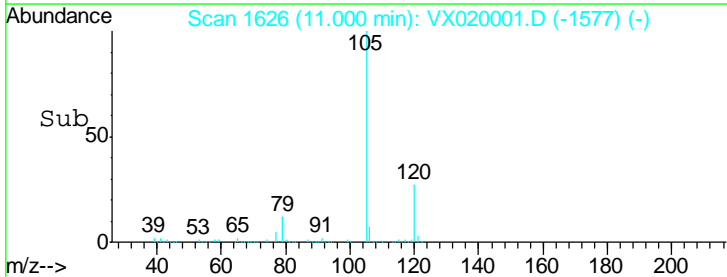
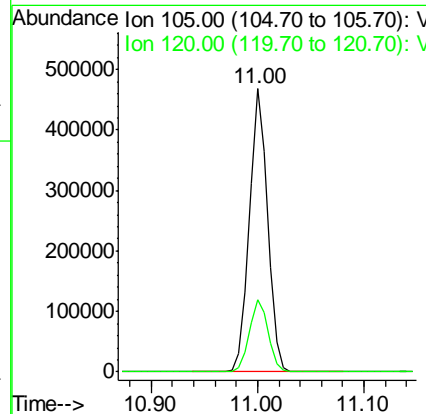
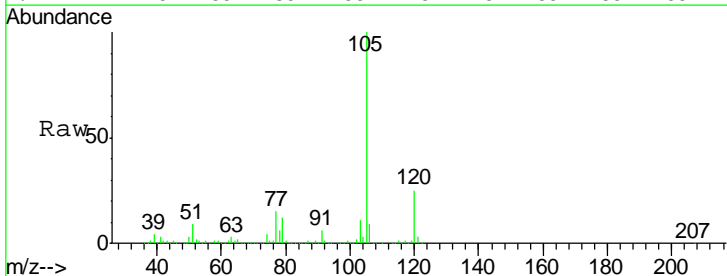
Instrument : MSVOA_X
 ClientSampleId : TU032-32-5229-121020MSD

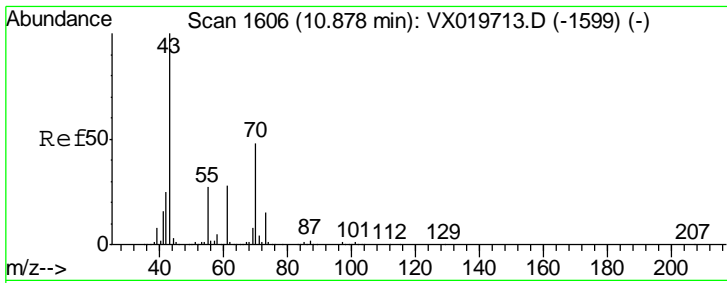
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 152 | 173388 | | |
| 115 | 74.3 | 41.1 | 123.3 |
| 150 | 170.0 | 0.0 | 349.0 |



#73
 Isopropylbenzene
 Concen: 47.680 ug/l
 RT: 11.00 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 105 | 564804 | | |
| 120 | 26.1 | 13.2 | 39.6 |

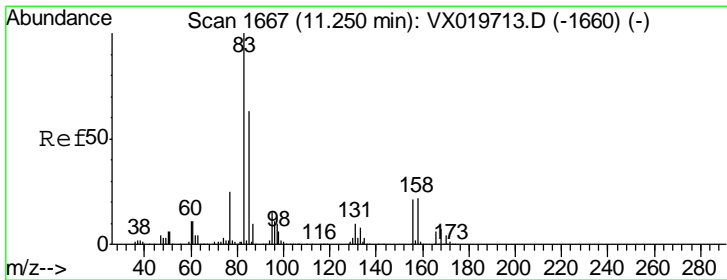
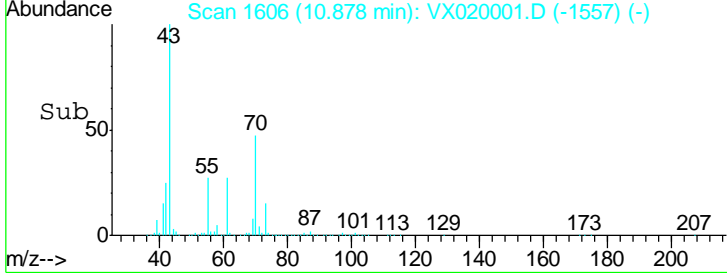
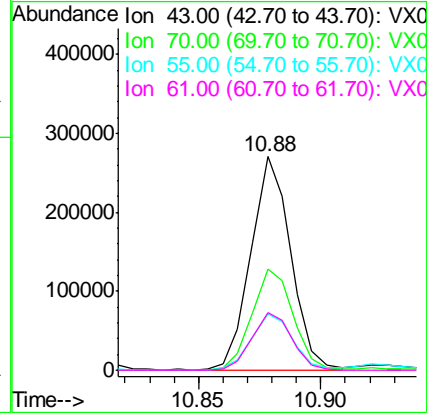
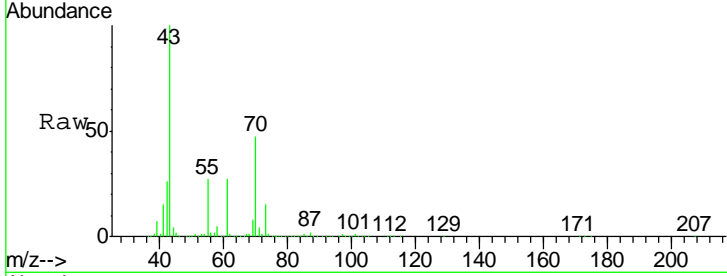




#74
 N-amyI acetate
 Concen: 64.645 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

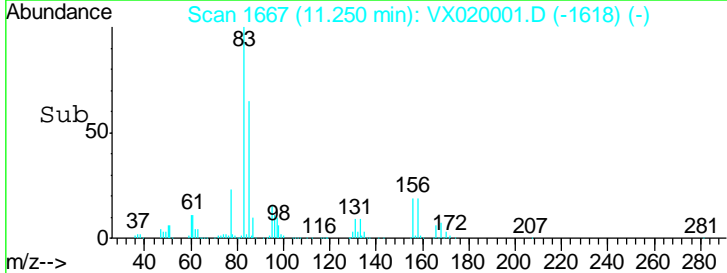
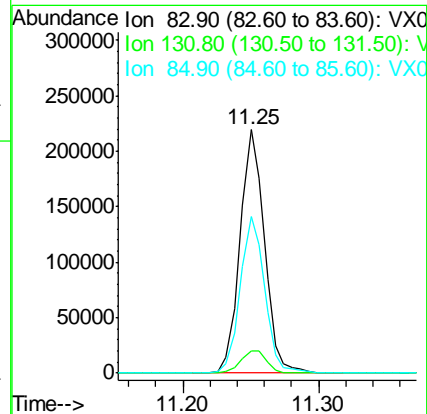
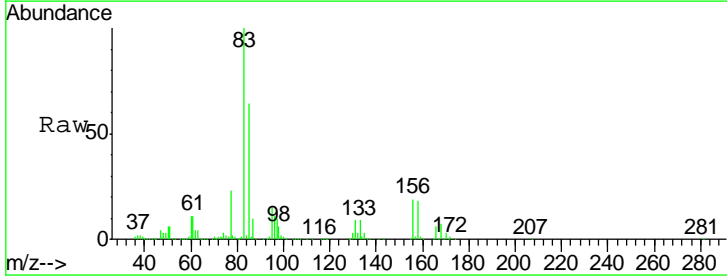
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MSD

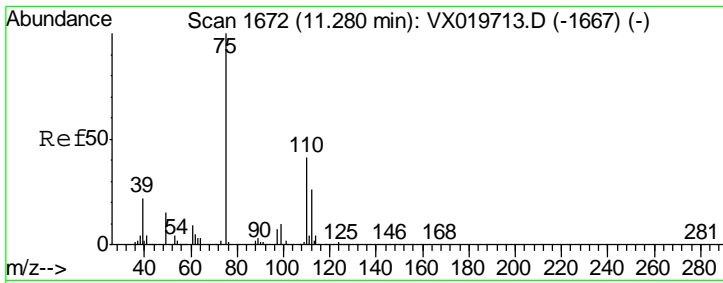
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 43 | 306877 | | |
| 70 | 49.5 | 39.0 | 58.6 |
| 55 | 27.0 | 21.5 | 32.3 |
| 61 | 27.3 | 22.1 | 33.1 |



#75
 1,1,2,2-Tetrachloroethane
 Concen: 65.836 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 83 | 274954 | | |
| 131 | 9.8 | 5.1 | 15.2 |
| 85 | 64.5 | 31.8 | 95.4 |

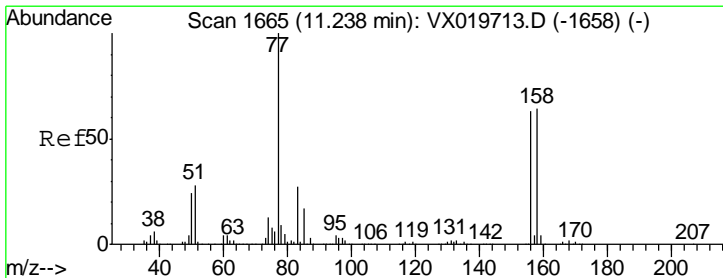
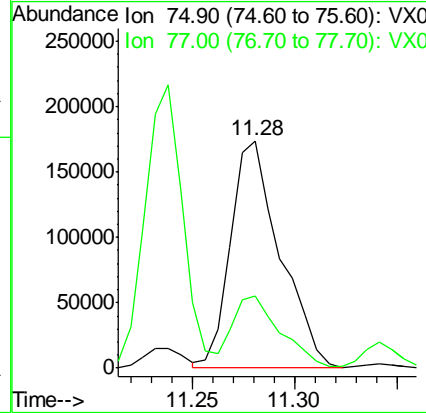
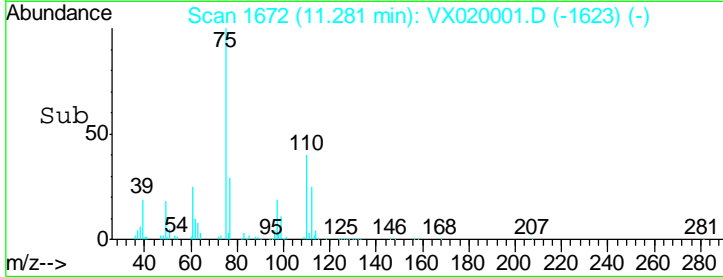
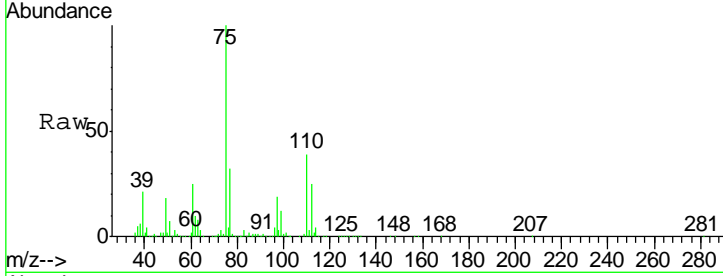




#76
 1,2,3-Trichloropropane
 Concen: 74.506 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

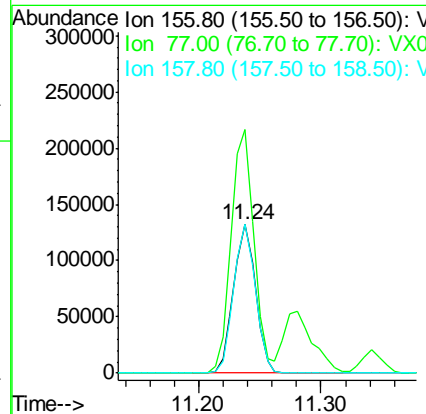
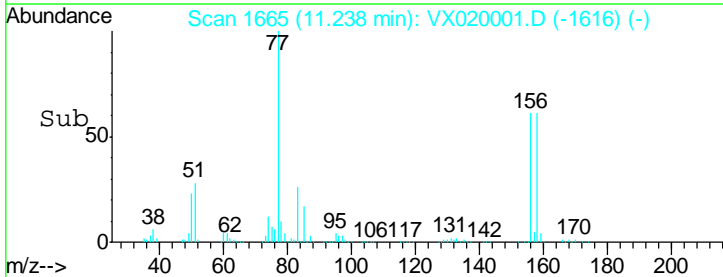
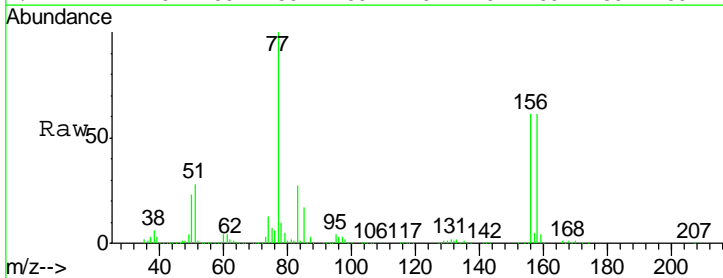
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

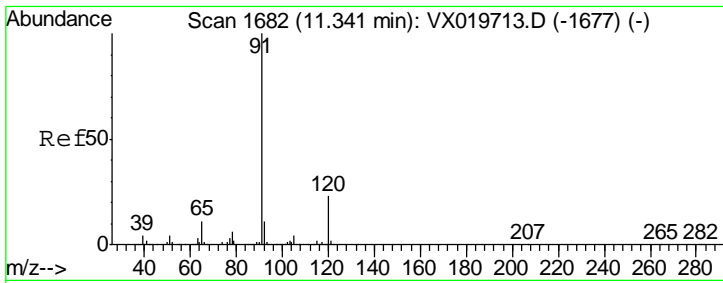
Tgt Ion: 75 Resp: 289739
 Ion Ratio Lower Upper
 75 100
 77 30.8 19.1 57.5



#77
 Bromobenzene
 Concen: 54.302 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 156 Resp: 164615
 Ion Ratio Lower Upper
 156 100
 77 169.5 82.8 248.6
 158 98.6 49.1 147.4

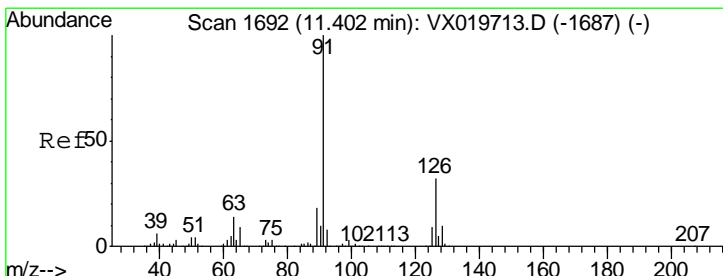
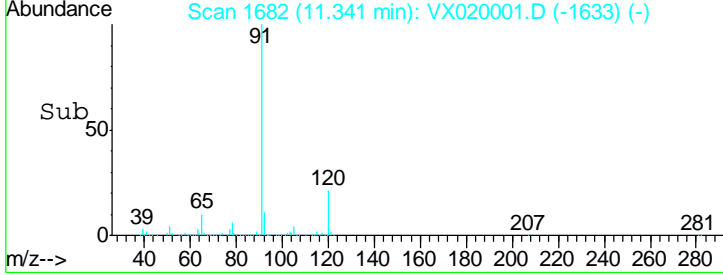
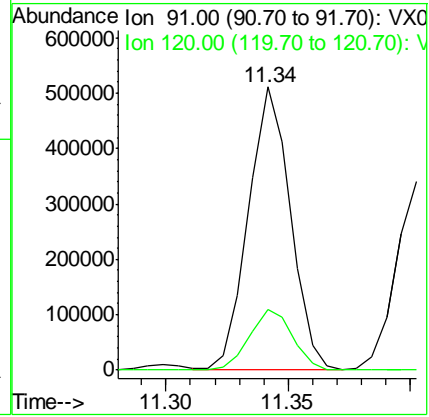
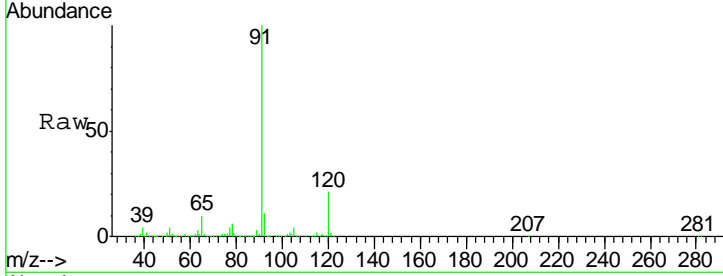




#78
 n-propylbenzene
 Concen: 44.781 ug/l
 RT: 11.34 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

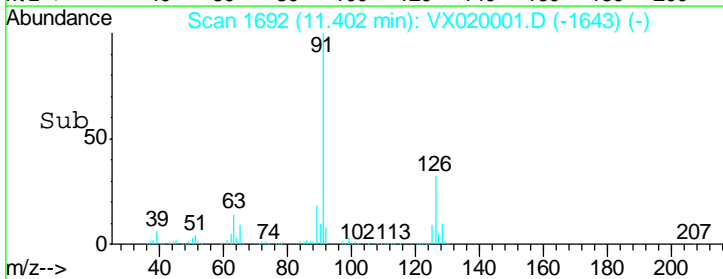
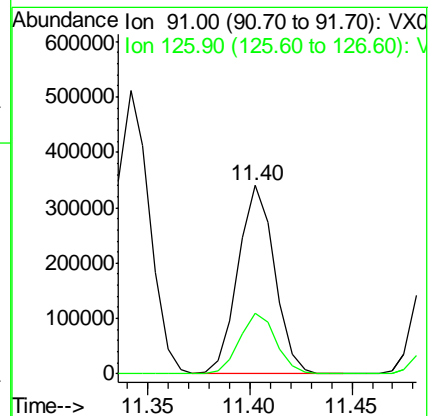
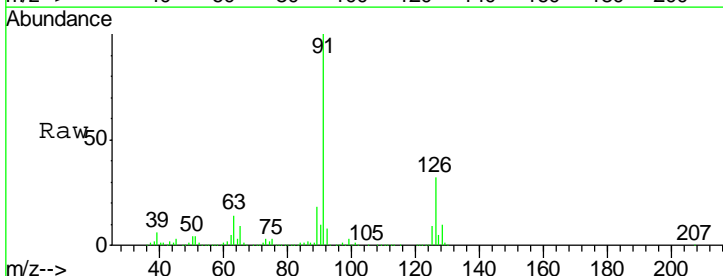
Instrument : MSVOA_X
 ClientSampleId : TU032-32-5229-121020MSD

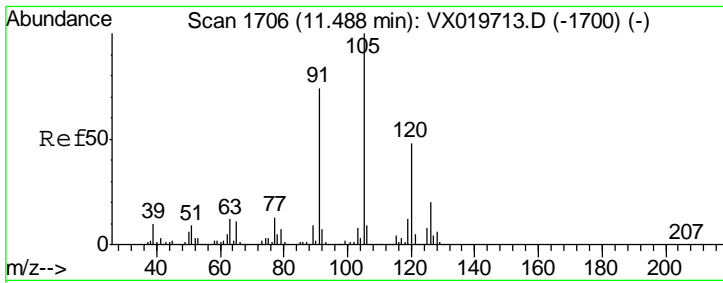
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91 | 100 | | |
| 120 | 22.0 | 11.5 | 34.5 |



#79
 2-Chlorotoluene
 Concen: 50.232 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91 | 100 | | |
| 126 | 32.5 | 16.6 | 49.8 |

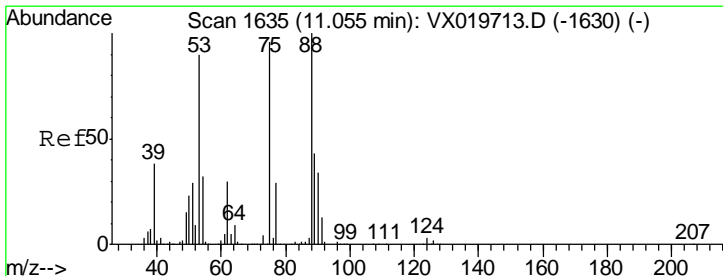
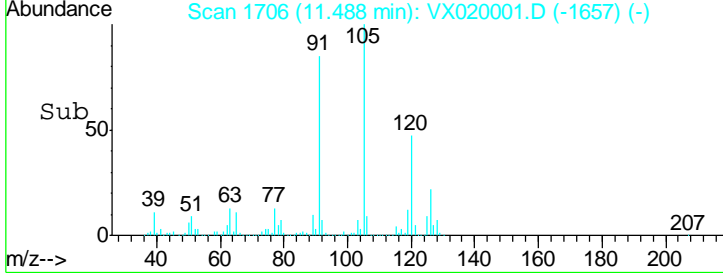
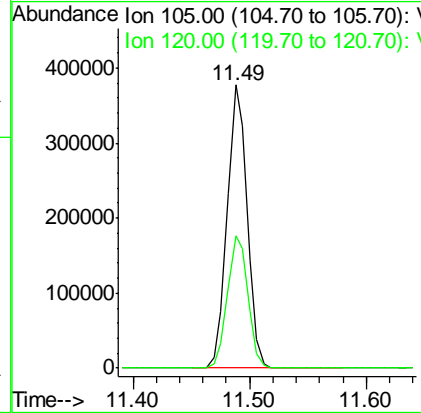
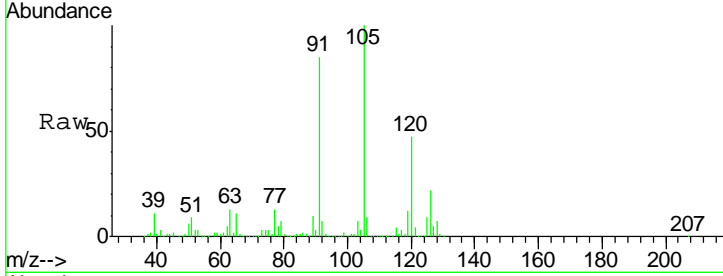




#80
 1,3,5-Trimethylbenzene
 Concen: 44.351 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

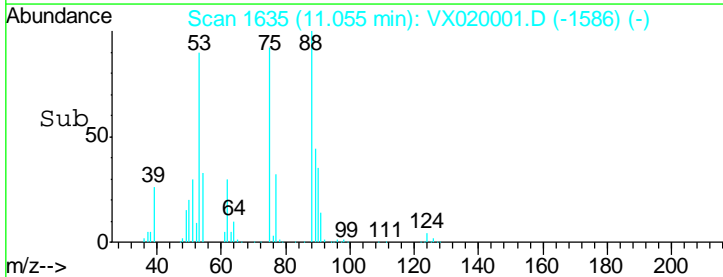
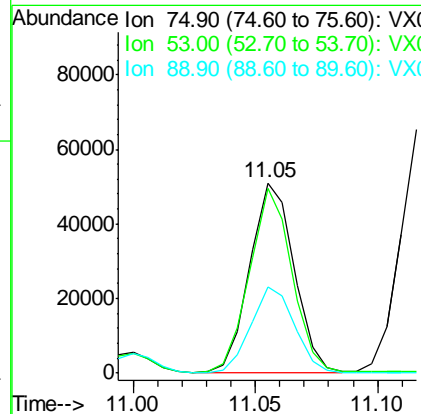
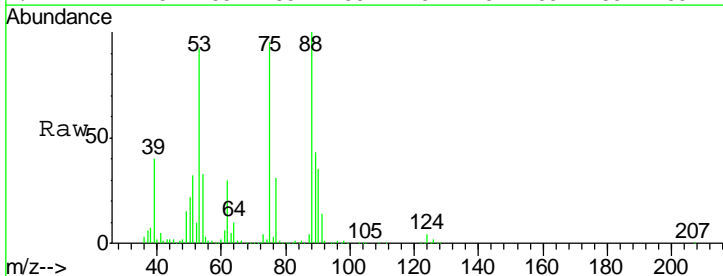
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

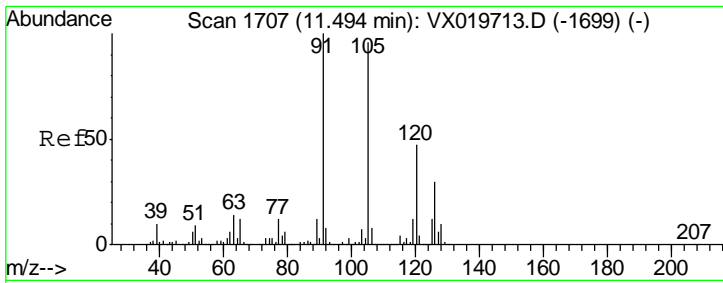
Tgt Ion: 105 Resp: 443402
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.363 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 75 Resp: 63714
 Ion Ratio Lower Upper
 75 100
 53 93.2 74.5 111.7
 89 45.5 37.9 56.9

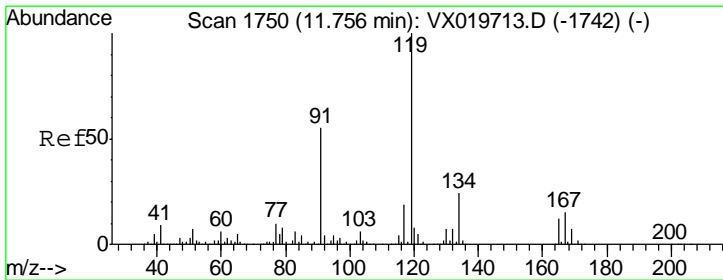
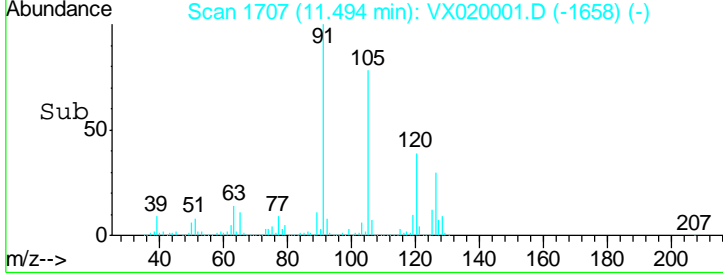
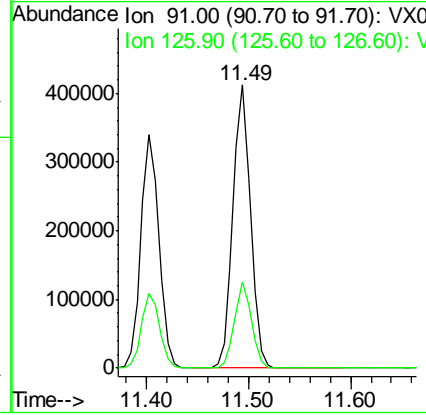
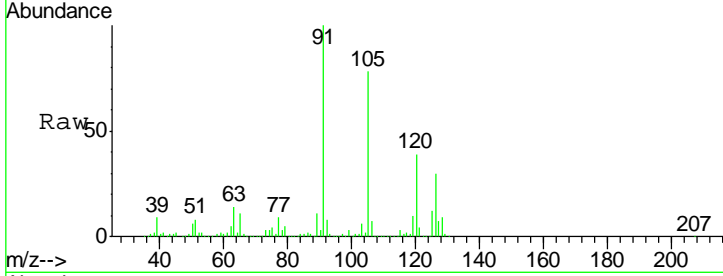




#82
 4-Chlorotoluene
 Concen: 50.257 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

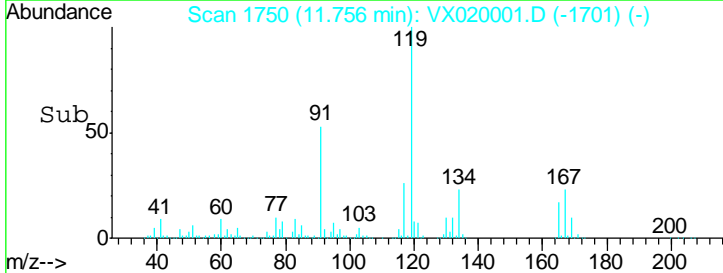
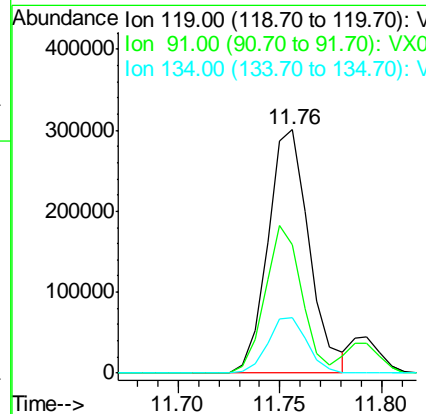
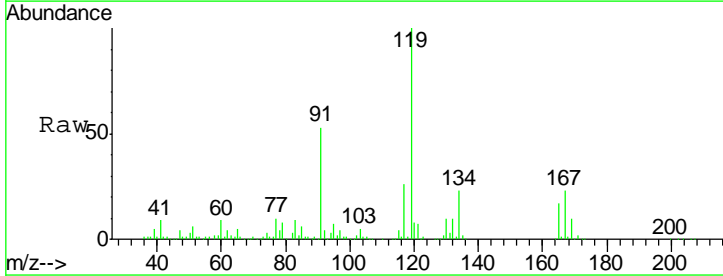
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

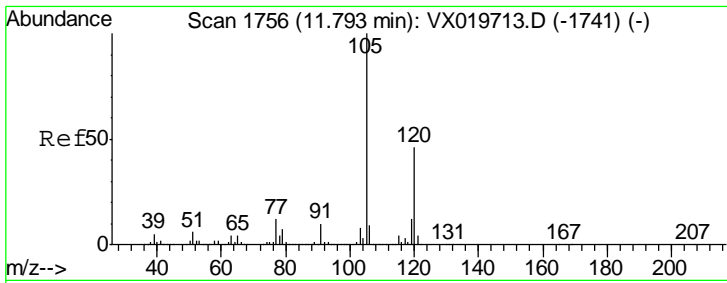
Tgt Ion: 91 Resp: 490410
 Ion Ratio Lower Upper
 91 100
 126 29.3 14.9 44.5



#83
 tert-Butylbenzene
 Concen: 43.248 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion: 119 Resp: 424055
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.9 83.7
 134 21.9 11.3 33.9

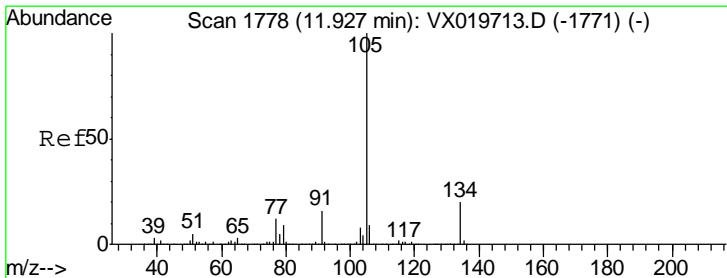
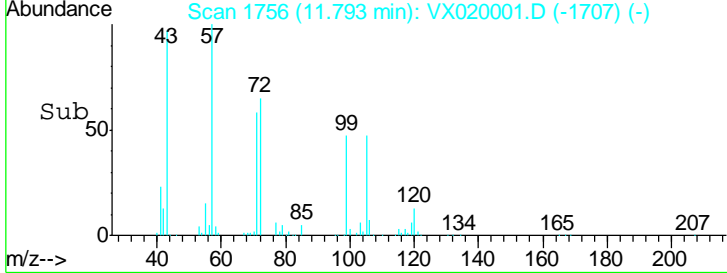
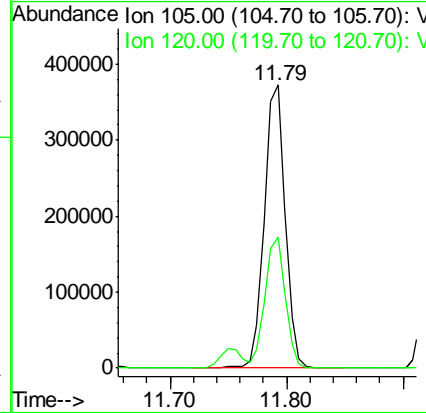
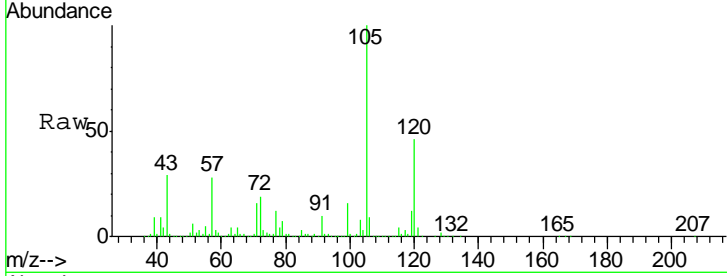




#84
 1,2,4-Trimethylbenzene
 Concen: 46.420 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

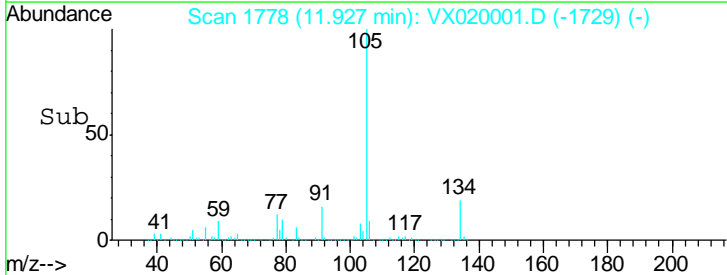
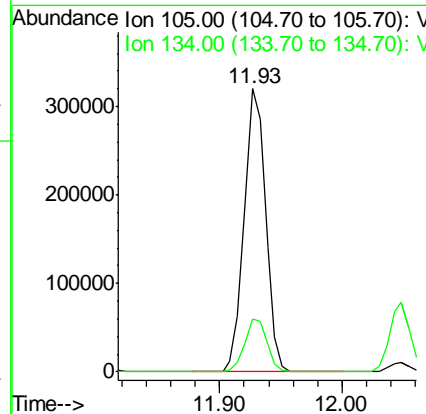
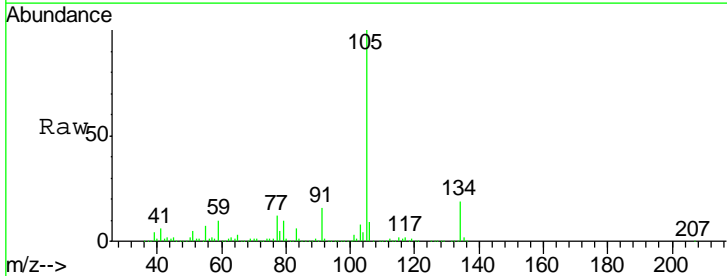
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

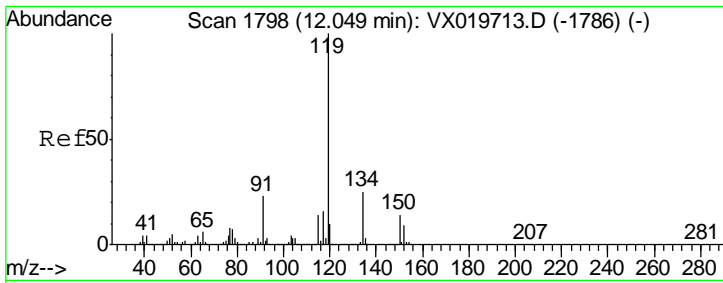
Tgt Ion:105 Resp: 467477
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 34.555 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion:105 Resp: 386830
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 29.8

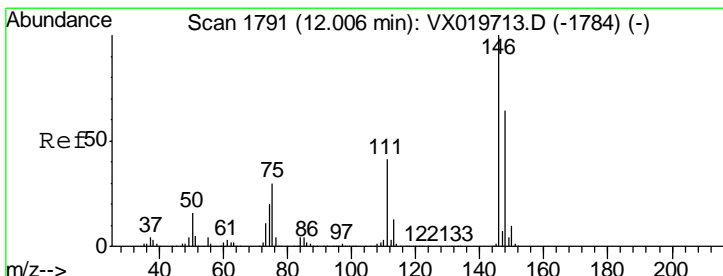
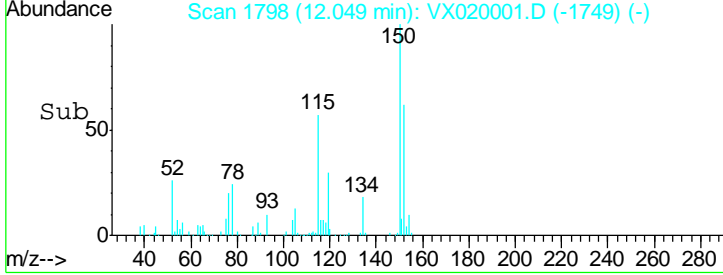
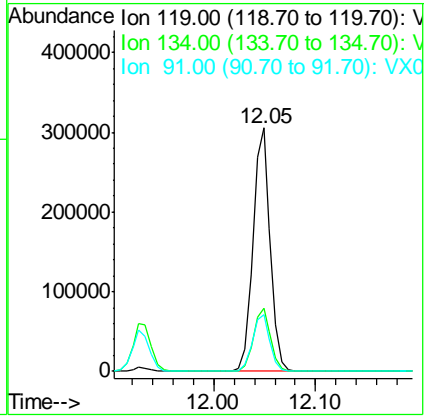
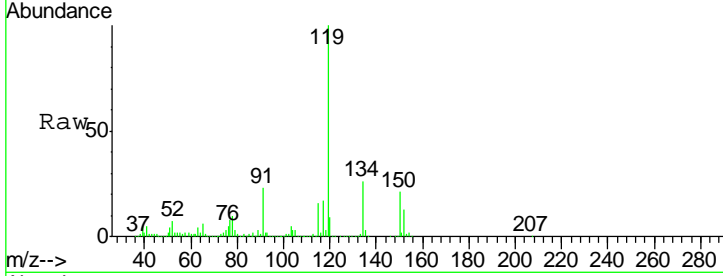




#86
 p-Isopropyltoluene
 Concen: 34.973 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

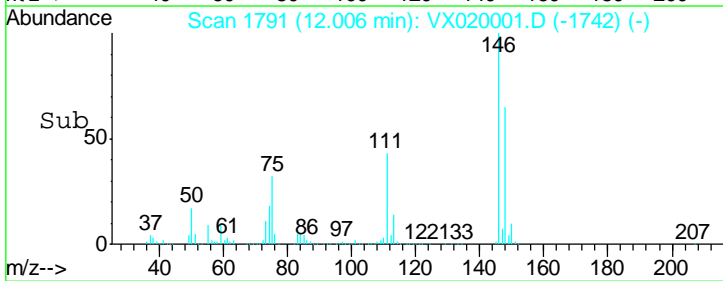
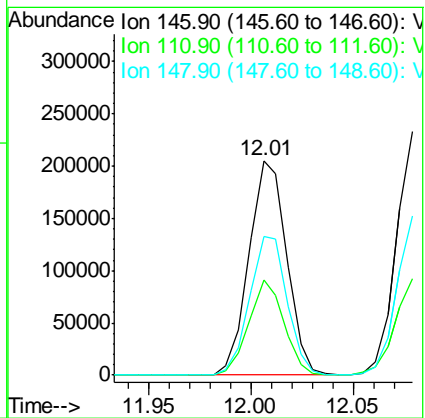
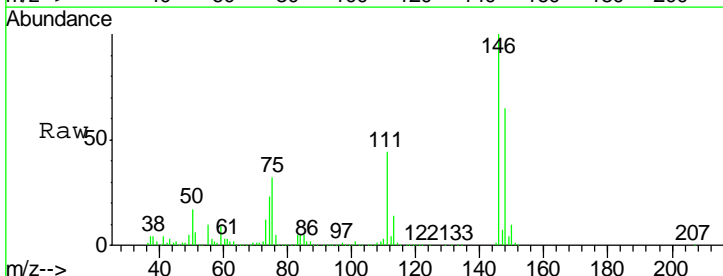
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

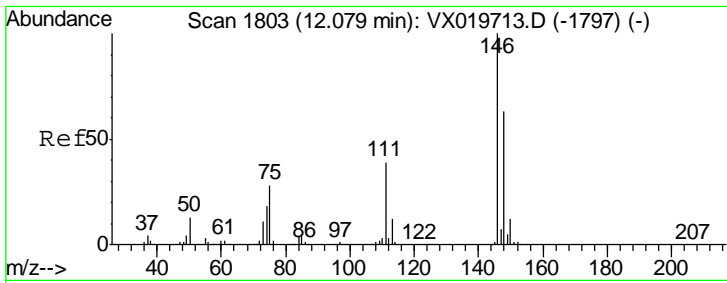
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 119 | 100 | | |
| 134 | 25.9 | 12.9 | 38.7 |
| 91 | 23.6 | 11.7 | 35.0 |



#87
 1,3-Dichlorobenzene
 Concen: 47.411 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 41.7 | 20.2 | 60.5 |
| 148 | 64.9 | 31.9 | 95.7 |

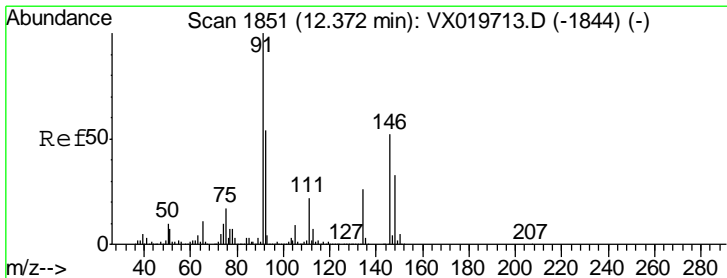
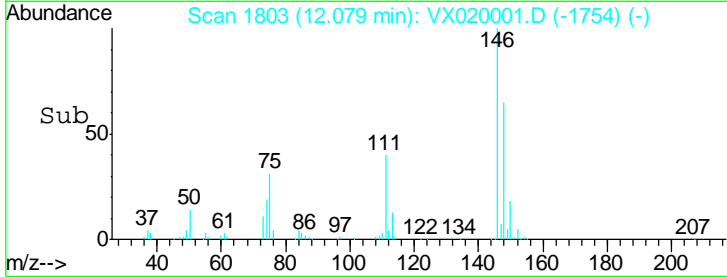
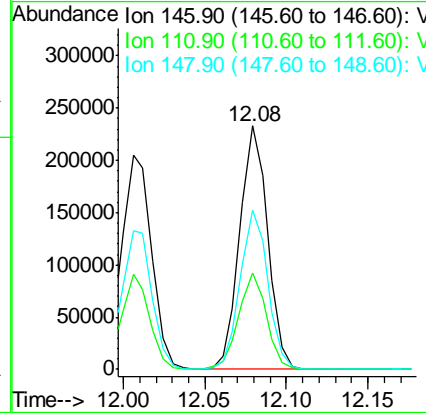
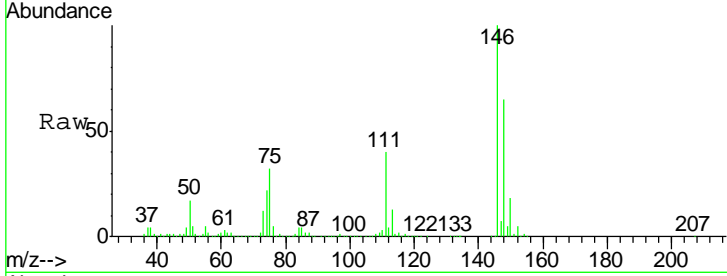




#88
 1,4-Dichlorobenzene
 Concen: 49.023 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

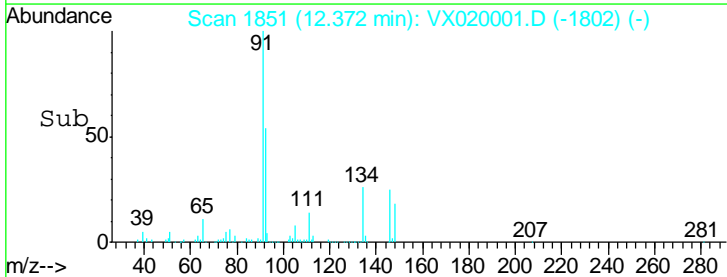
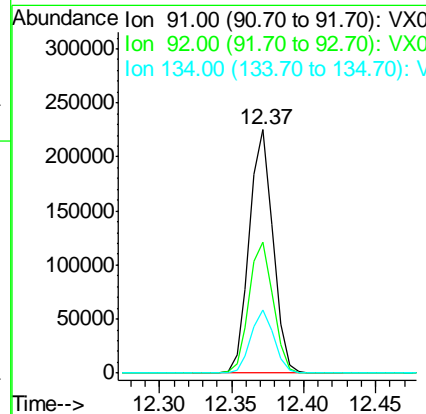
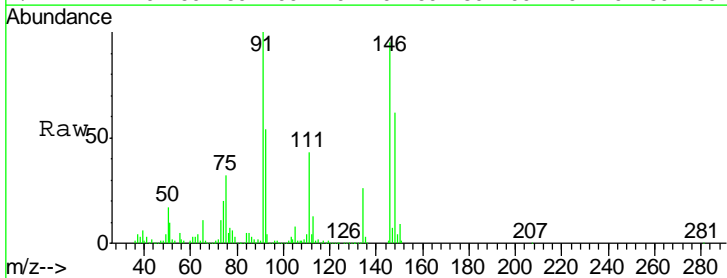
Instrument :
 MSVOA_X
 ClientSampled :
 TU032-32-5229-121020MSD

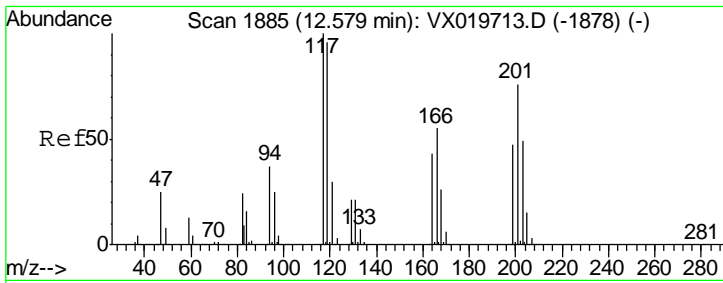
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 39.4 | 19.6 | 58.8 |
| 148 | 64.7 | 31.6 | 95.0 |



#89
 n-Butylbenzene
 Concen: 28.147 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91 | 100 | | |
| 92 | 54.9 | 27.4 | 82.0 |
| 134 | 25.5 | 13.2 | 39.5 |

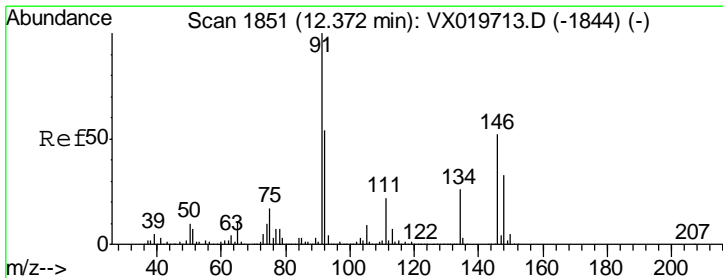
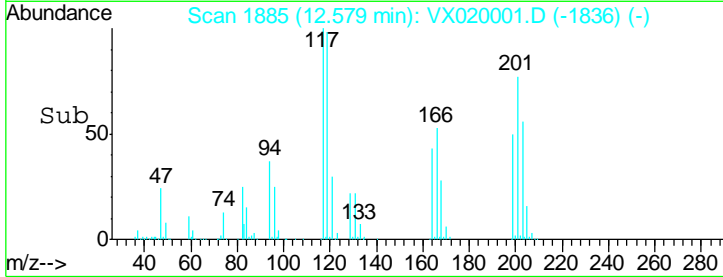
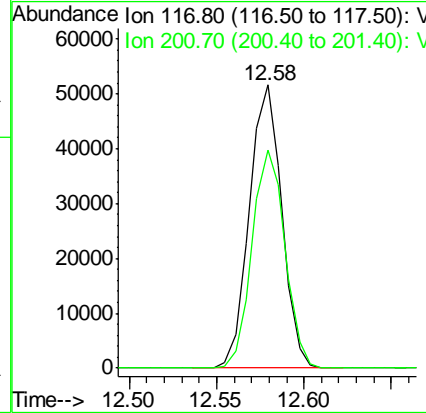
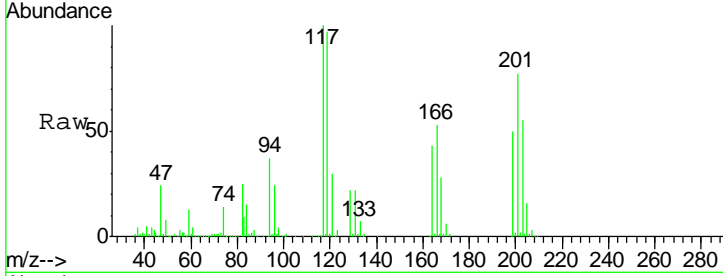




#90
 Hexachloroethane
 Concen: 37.562 ug/l
 RT: 12.58 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

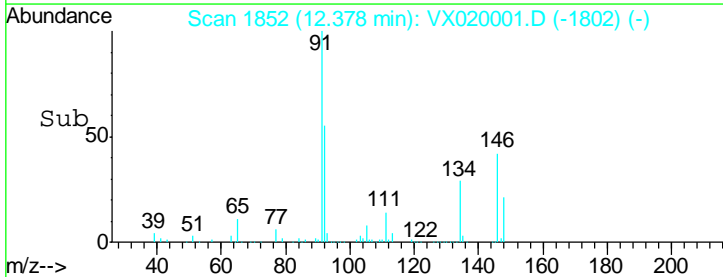
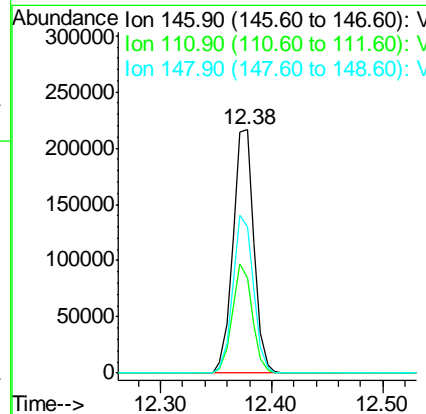
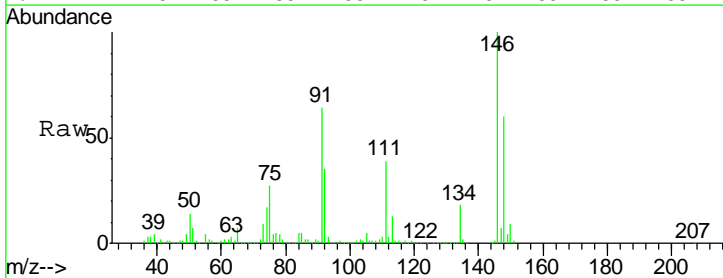
Instrument : MSVOA_X
 ClientSampleId : TU032-32-5229-121020MSD

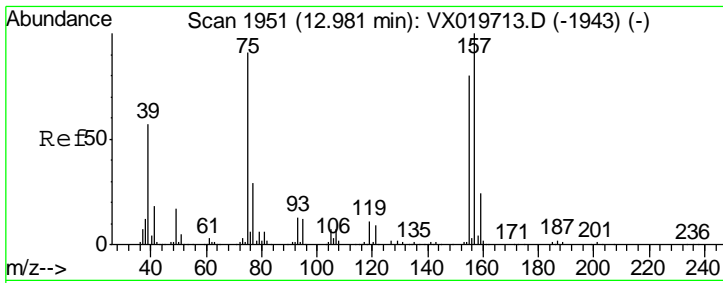
Tgt Ion:117 Resp: 66532
 Ion Ratio Lower Upper
 117 100
 201 78.0 40.4 121.2



#91
 1,2-Dichlorobenzene
 Concen: 51.641 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Tgt Ion:146 Resp: 280092
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.8 62.2
 148 63.7 31.9 95.5

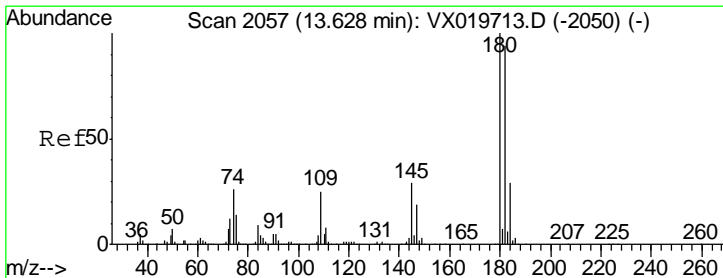
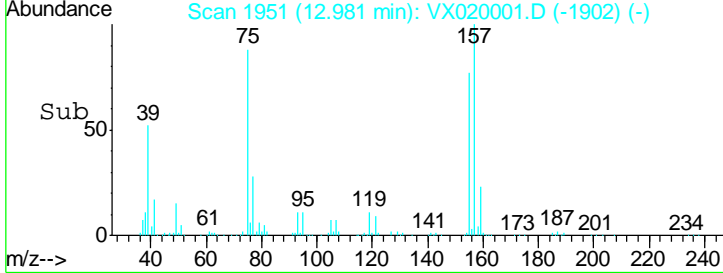
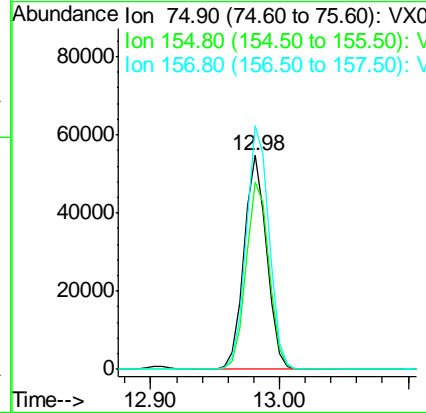
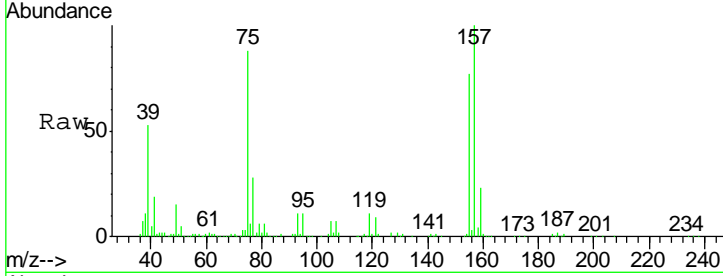




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.026 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

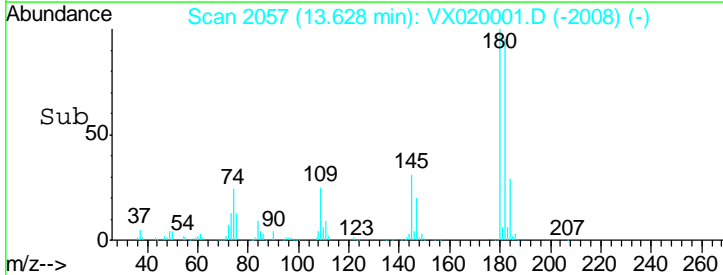
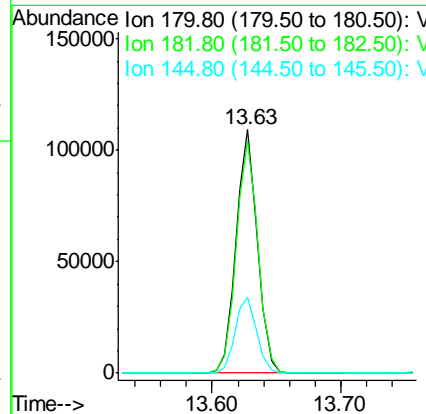
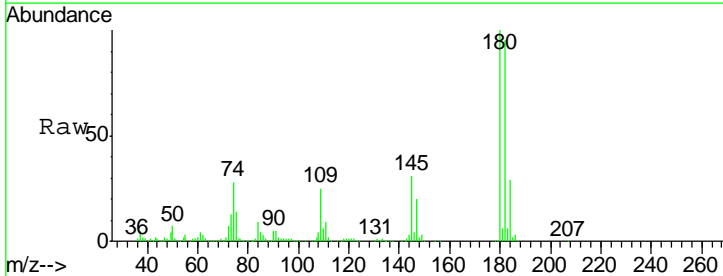
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

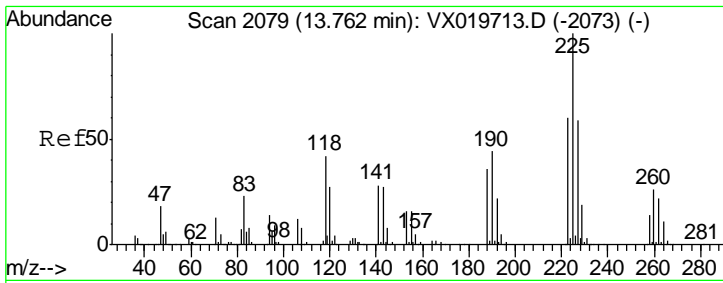
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 75 | 66462 | | |
| 75 | 100 | | |
| 155 | 88.3 | 45.3 | 135.9 |
| 157 | 114.2 | 57.7 | 173.1 |



#93
 1,2,4-Trichlorobenzene
 Concen: 35.825 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 180 | 126485 | | |
| 180 | 100 | | |
| 182 | 97.2 | 47.7 | 143.1 |
| 145 | 31.6 | 15.0 | 45.0 |

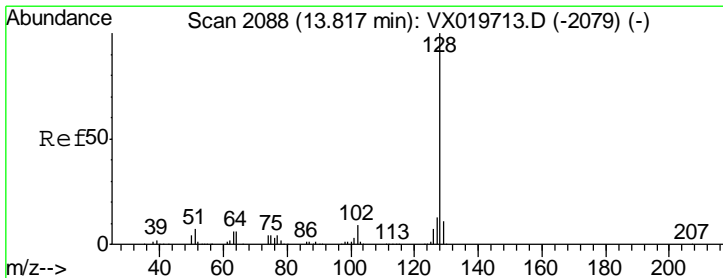
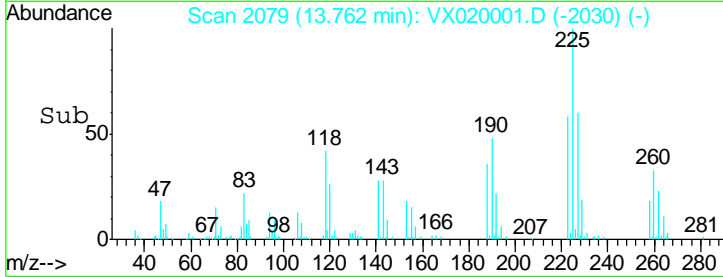
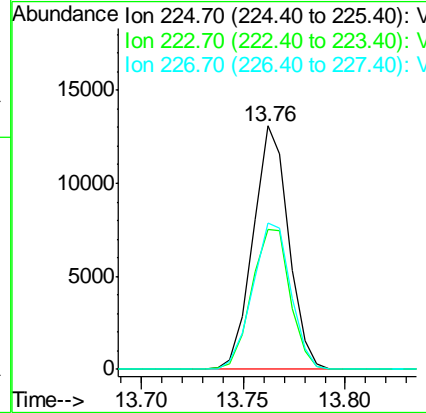
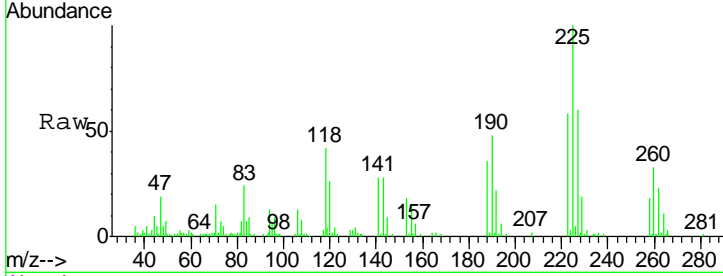




#94
 Hexachlorobutadiene
 Concen: 10.038 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

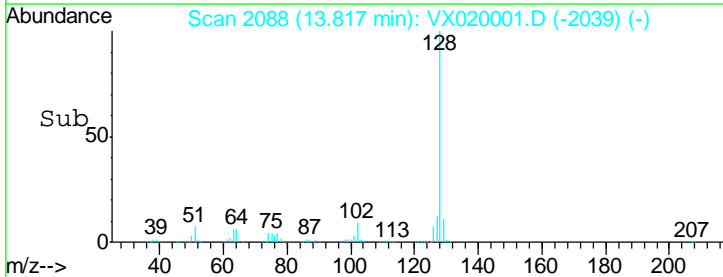
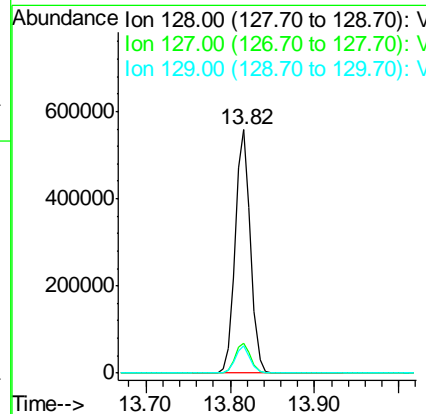
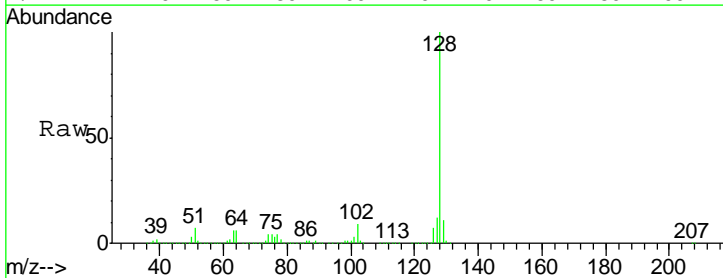
Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

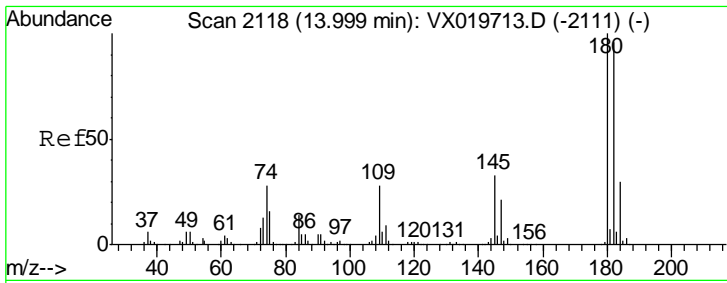
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 225 | 15841 | | |
| 223 | 62.2 | 31.1 | 93.2 |
| 227 | 64.6 | 31.6 | 95.0 |



#95
 Naphthalene
 Concen: 60.083 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 128 | 687734 | | |
| 127 | 12.6 | 10.3 | 15.5 |
| 129 | 10.9 | 8.8 | 13.2 |





#96
 1,2,3-Trichlorobenzene
 Concen: 38.969 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX020001.D
 Acq: 14 Dec 2020 20:54

Instrument : MSVOA_X
 ClientSampled : TU032-32-5229-121020MSD

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 180 | 134463 | | |
| 182 | 96.5 | 47.6 | 142.9 |
| 145 | 32.0 | 16.1 | 48.3 |

