Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050619\

Quantitation Report (Not Reviewed)

Data File : VV010686.D
Acq On : 06 May 2019 21:06
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 04:06:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 04:01:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 206591 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 204107 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 104273 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 36630 | 14.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 56.00% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 28502 | 15.57 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 62.28% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.12 | 63 | 71589 | 15.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 62.44% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 38326 | 48.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 96.32% | | | |
| 24) Chloroform-d | 4.40 | 84 | 121601 | 22.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 91.16% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 68177 | 22.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 89.16% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 242632 | 22.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 91.76% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 76708 | 23.67 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 94.68% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 236365 | 23.26 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 93.04% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 33420 | 24.95 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 99.80% | | | |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 30636 | 53.11 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 106.22% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 71977 | 24.65 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 98.60% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 97952 | 24.41 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 97.64% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 64653 | 21.168 | ug/L | 99 |
| 3) Chloromethane | 1.25 | 50 | 49954 | 17.785 | ug/L | 96 |
| 5) Vinyl chloride | 1.32 | 62 | 40973 | 16.177 | ug/L | 98 |
| 6) Bromomethane | 1.51 | 94 | 24019 | 18.521 | ug/L | 99 |
| 8) Chloroethane | 1.59 | 64 | 23941 | 17.913 | ug/L | 99 |
| 9) Trichlorofluoromethane | 1.76 | 101 | 81213 | 18.114 | ug/L | 99 |
| 11) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 40655 | 17.909 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 35556 | 17.914 | ug/L | 98 |
| 13) Acetone | 2.19 | 43 | 19825 | 29.060 | ug/L | 98 |
| 14) Carbon disulfide | 2.31 | 76 | 125663 | 19.122 | ug/L | 99 |
| 15) Methyl Acetate | 2.46 | 43 | 30092 | 22.565 | ug/L | 97 |
| 16) Methylene chloride | 2.53 | 84 | 66196 | 22.973 | ug/L | 94 |
| 17) Methyl tert-butyl Ether | 2.80 | 73 | 163667 | 26.772 | ug/L | 96 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 59129 | 23.459 | ug/L | 94 |
| 19) 1,1-Dichloroethane | 3.23 | 63 | 108186 | 23.534 | ug/L | 99 |
| 21) 2-Butanone | 4.02 | 43 | 41169 | 46.279 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 73316 | 26.647 | ug/L | 96 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050619\

Quantitation Report (Not Reviewed)

Data File : VV010686.D
Acq On : 06 May 2019 21:06
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 04:06:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 04:01:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 23) Bromochloromethane | 4.30 | 128 | 35402 | 27.215 ug/L | 93 |
| 25) Chloroform | 4.42 | 83 | 125061 | 24.545 ug/L | 99 |
| 27) 1,2-Dichloroethane | 5.18 | 62 | 79806 | 24.182 ug/L # | 95 |
| 30) Cyclohexane | 4.72 | 56 | 83763 | 23.333 ug/L | 96 |
| 31) 1,1,1-Trichloroethane | 4.66 | 97 | 100128 | 25.112 ug/L | 97 |
| 32) Carbon tetrachloride | 4.87 | 117 | 88445 | 24.780 ug/L | 100 |
| 34) Benzene | 5.14 | 78 | 242456 | 24.849 ug/L | 100 |
| 35) Trichloroethene | 5.96 | 95 | 70102 | 25.189 ug/L | 99 |
| 36) Methylcyclohexane | 6.17 | 83 | 94097 | 23.663 ug/L | 96 |
| 40) 1,2-Dichloropropane | 6.22 | 63 | 63445 | 25.000 ug/L # | 96 |
| 41) Bromodichloromethane | 6.55 | 83 | 89313 | 26.579 ug/L | 99 |
| 42) cis-1,3-Dichloropropene | 7.07 | 75 | 99571 | 26.824 ug/L | 98 |
| 43) 4-Methyl-2-pentanone | 7.27 | 43 | 89704 | 50.203 ug/L # | 92 |
| 44) Toluene | 7.43 | 91 | 280996 | 26.094 ug/L | 100 |
| 45) trans-1,3-Dichloropropene | 7.69 | 75 | 86023 | 27.535 ug/L | 100 |
| 46) 1,1,2-Trichloroethane | 7.88 | 97 | 57472 | 27.121 ug/L | 98 |
| 47) Tetrachloroethene | 8.02 | 164 | 54215 | 24.990 ug/L | 97 |
| 49) 2-Hexanone | 8.18 | 43 | 61615 | 46.386 ug/L | 96 |
| 50) Dibromochloromethane | 8.29 | 129 | 71423 | 28.420 ug/L | 96 |
| 51) 1,2-Dibromoethane | 8.40 | 107 | 56134 | 27.463 ug/L | 99 |
| 52) Chlorobenzene | 8.93 | 112 | 196278 | 26.117 ug/L | 99 |
| 53) Ethylbenzene | 9.05 | 91 | 315427 | 25.899 ug/L | 99 |
| 54) m,p-Xylene | 9.18 | 106 | 119849 | 25.970 ug/L | 97 |
| 55) o-xylene | 9.59 | 106 | 123854 | 27.471 ug/L | 97 |
| 56) Styrene | 9.60 | 104 | 209597 | 27.392 ug/L | 100 |
| 57) Isopropylbenzene | 9.97 | 105 | 318589 | 26.928 ug/L | 99 |
| 58) 1,1,2,2-Tetrachloroethane | 10.29 | 83 | 69271 | 26.204 ug/L | 99 |
| 59) 1,2,3-Trichloropropane | 10.32 | 75 | 51467 | 25.880 ug/L | 100 |
| 62) Bromoform | 9.77 | 173 | 40188 | 27.480 ug/L # | 98 |
| 63) 1,3-Dichlorobenzene | 11.22 | 146 | 164314 | 27.614 ug/L | 98 |
| 64) 1,4-Dichlorobenzene | 11.32 | 146 | 162415 | 26.138 ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 156893 | 26.707 ug/L | 99 |
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75 | 10825 | 25.055 ug/L # | 87 |
| 67) 1,3,5-Trichlorobenzene | 12.69 | 180 | 125645 | 27.502 ug/L | 100 |
| 68) 1,2,4-trichlorobenzene | 13.31 | 180 | 101980 | 29.256 ug/L | 99 |
| 69) Naphthalene | 13.55 | 128 | 216289 | 32.452 ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 13.79 | 180 | 97167 | 29.553 ug/L | 97 |

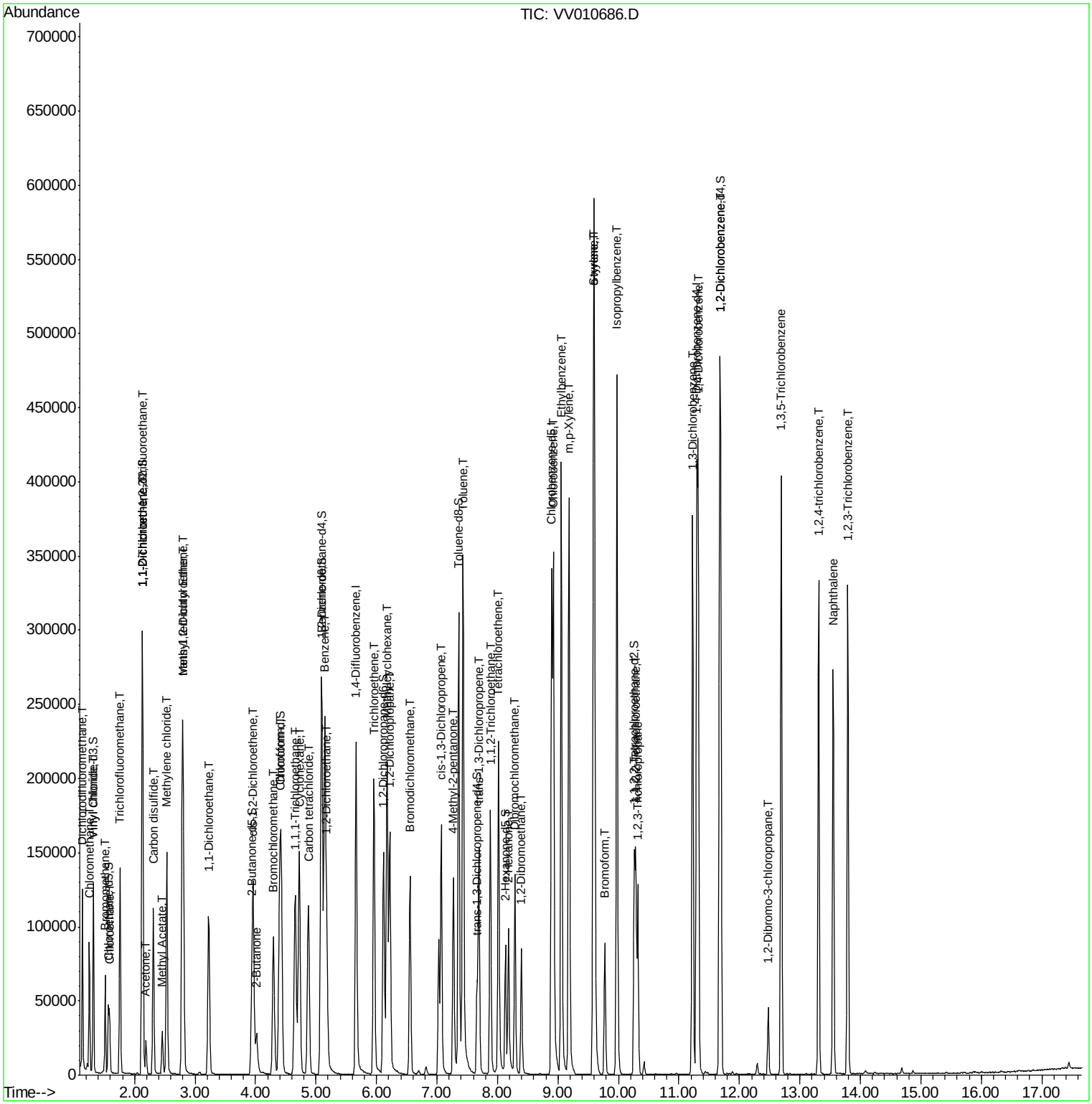
(#) = qualifier out of range (m) = manual integration (+) = signals summed

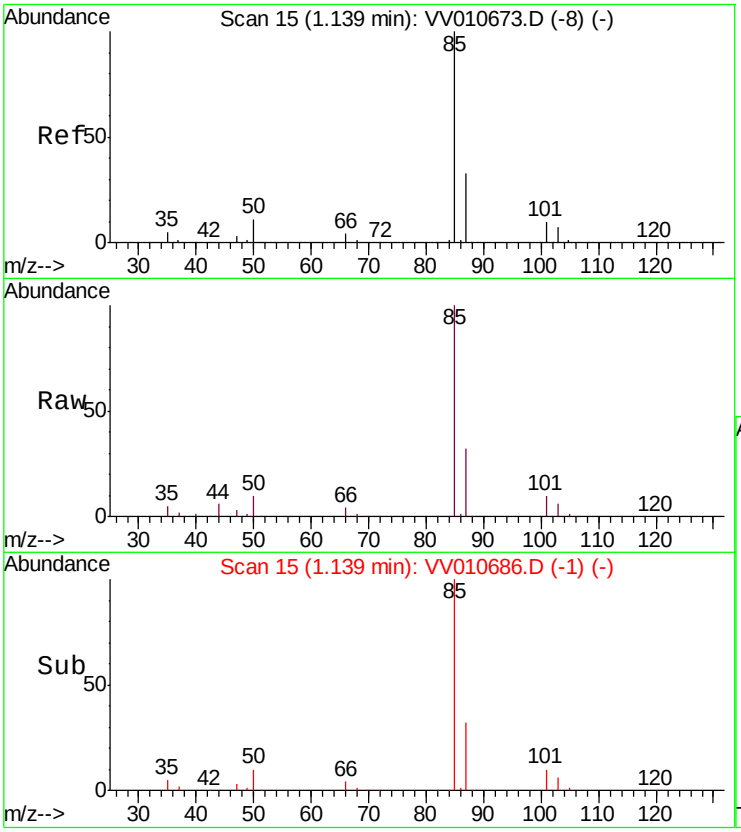
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050619\

Quantitation Report (Not Reviewed)

Data File : VV010686.D
Acq On : 06 May 2019 21:06
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 04:06:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 04:01:38 2019
Response via : Initial Calibration

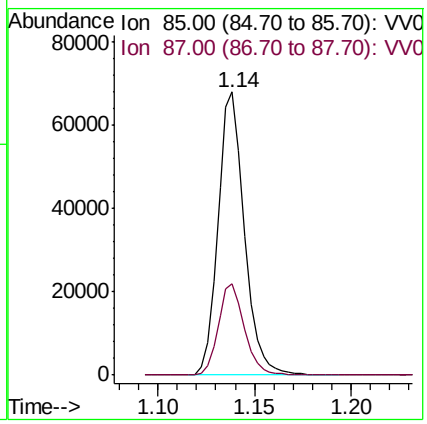


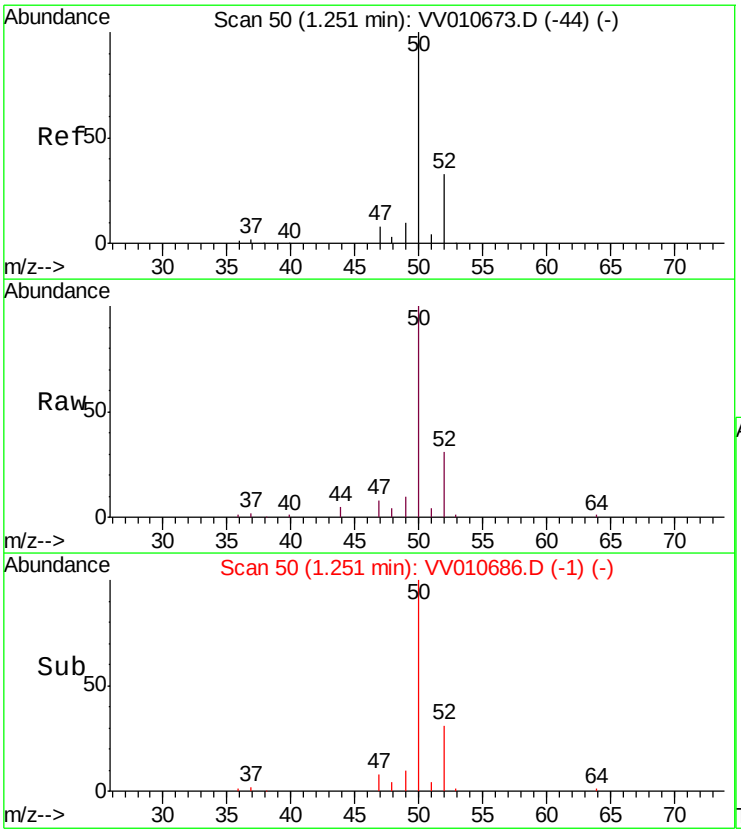



#2
Dichlorodifluoromethane
Concen: 21.168 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 85 Resp: 64653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.1 | 23.0 | 42.8 |

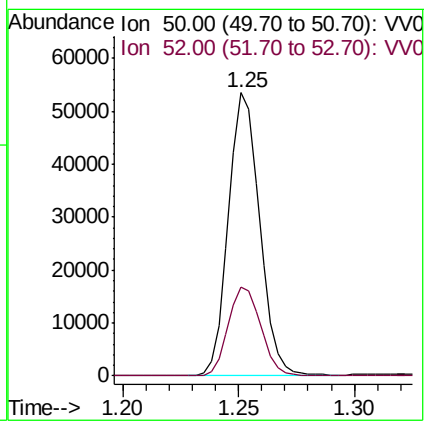


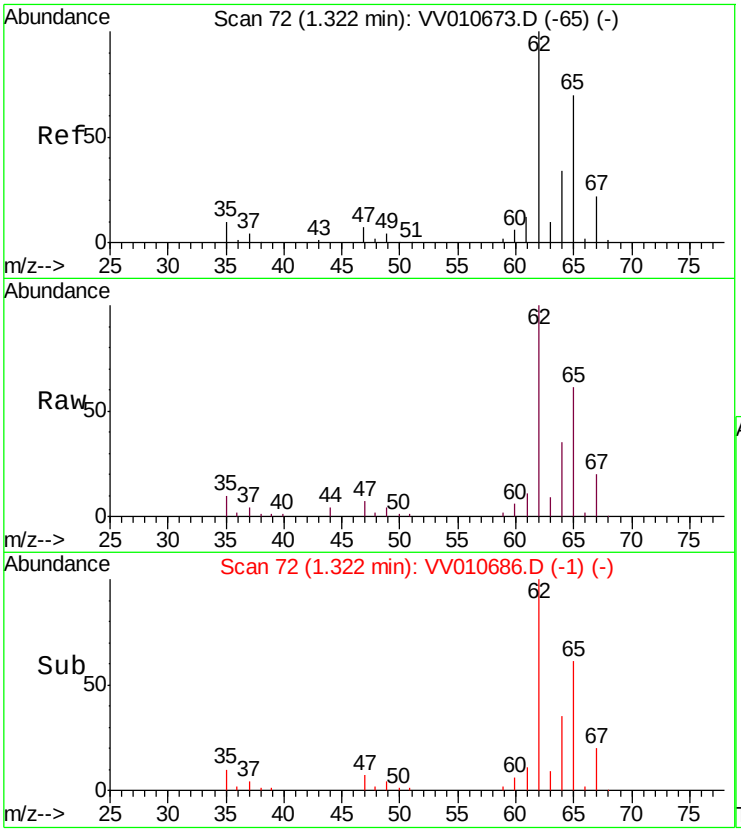




#3
Chloromethane
Concen: 17.785 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 50 Resp: 49954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.3 | 23.4 | 43.4 |

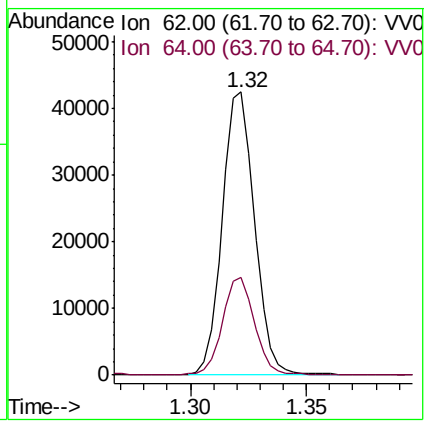


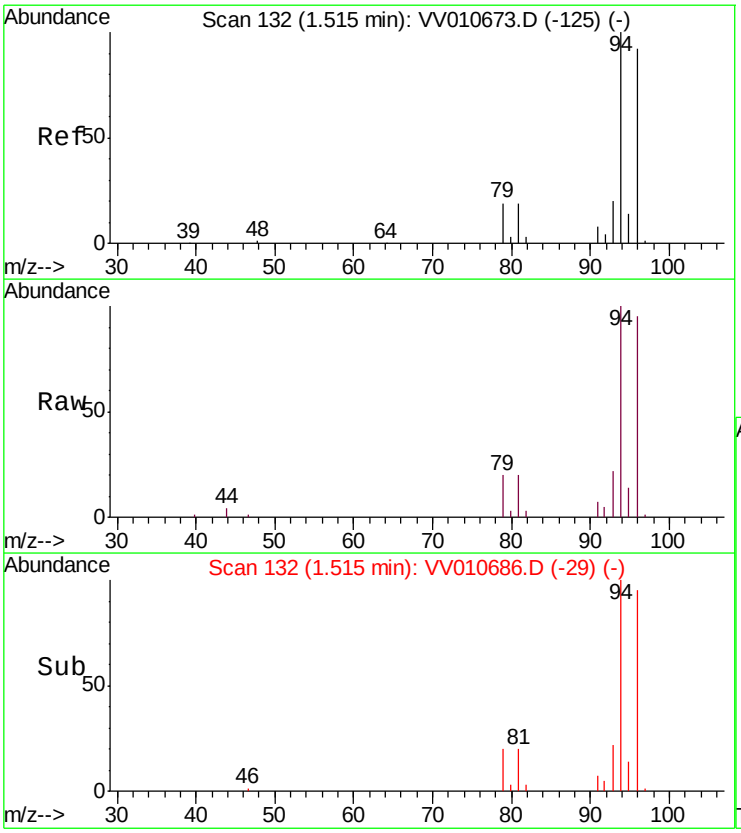



#5
Vinyl chloride
Concen: 16.177 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 62 Resp: 40973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.7 | 23.4 | 43.6 |

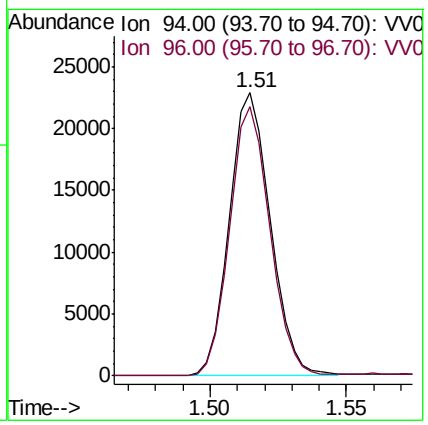


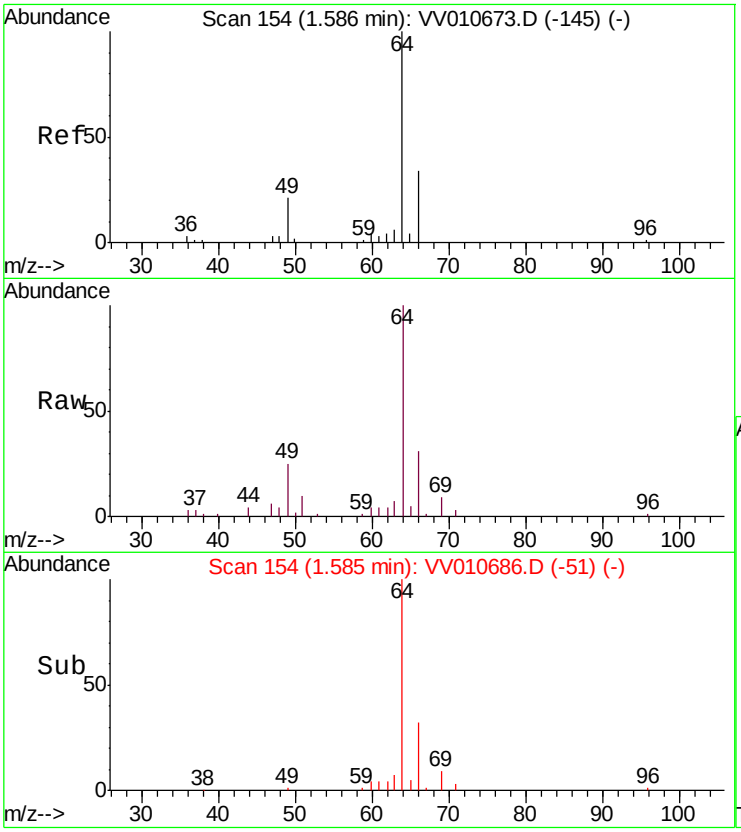




#6
Bromomethane
Concen: 18.521 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 94 Resp: 24019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.4 | 9.4 | 178.6 |

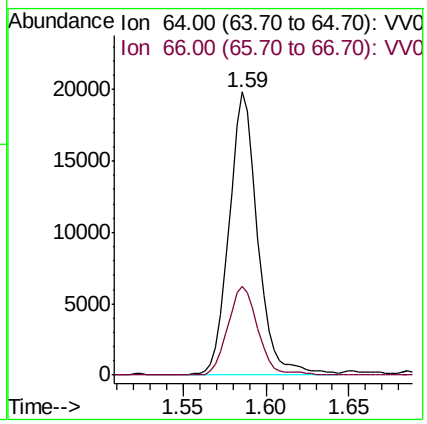


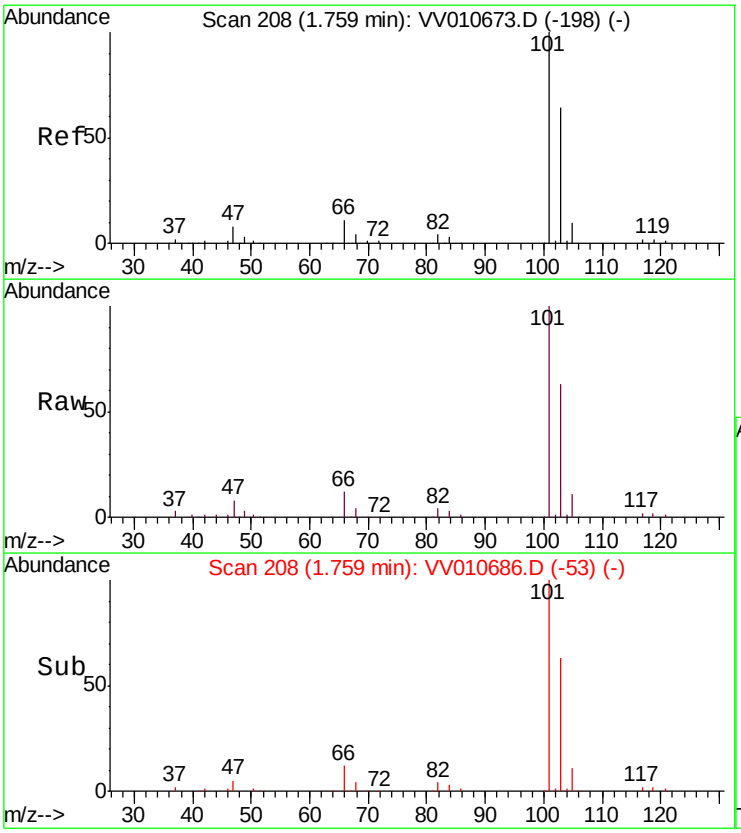



#8
Chloroethane
Concen: 17.913 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 64 Resp: 23941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.4 | 22.5 | 41.7 |

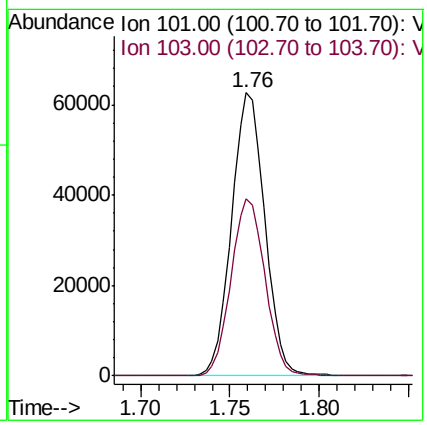


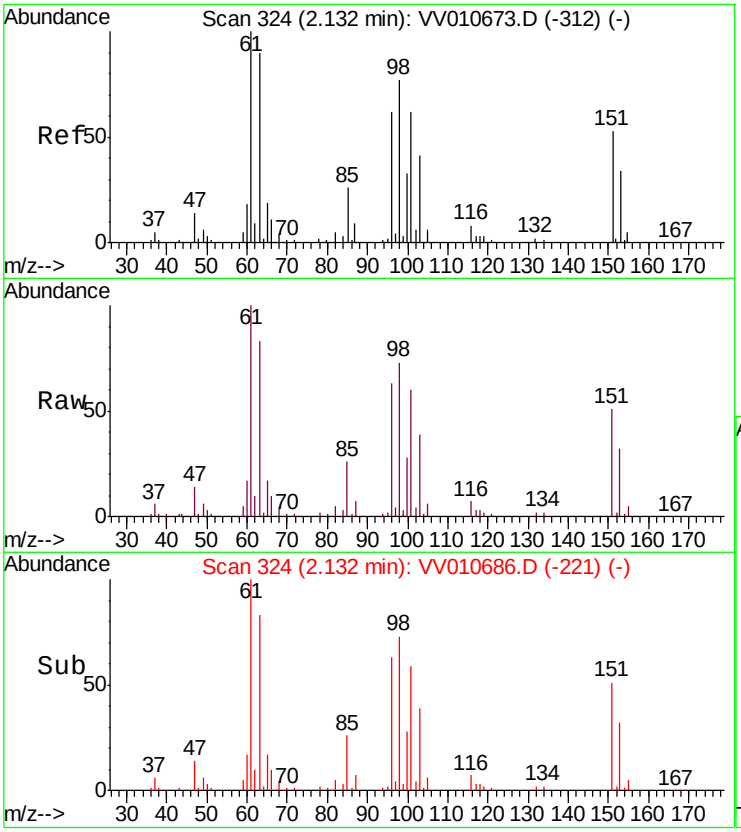




#9
Trichlorofluoromethane
Concen: 18.114 ug/L
RT: 1.76 min Scan# 208
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:101 Resp: 81213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.9 | 45.1 | 83.9 |

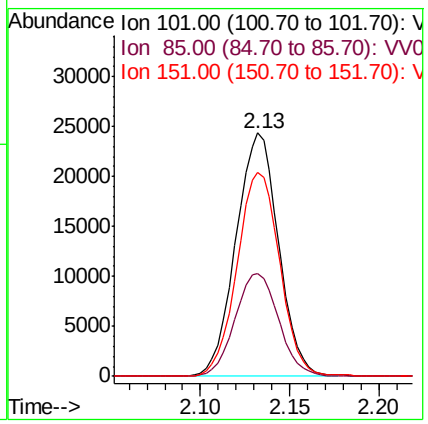


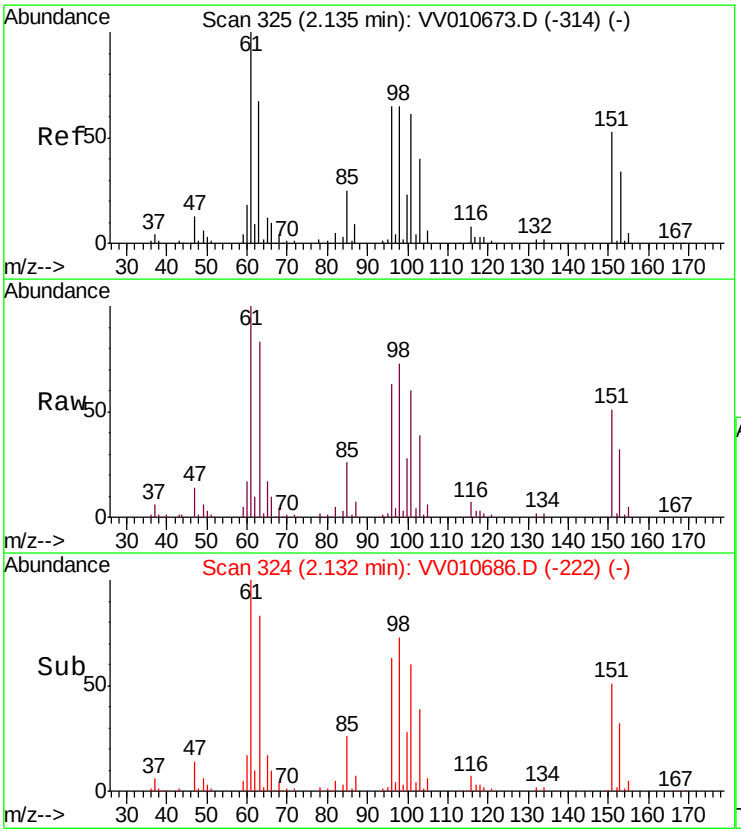



#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.909 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:101 Resp: 40655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.3 | 34.6 | 51.8 |
| 151 | 84.1 | 68.6 | 103.0 |

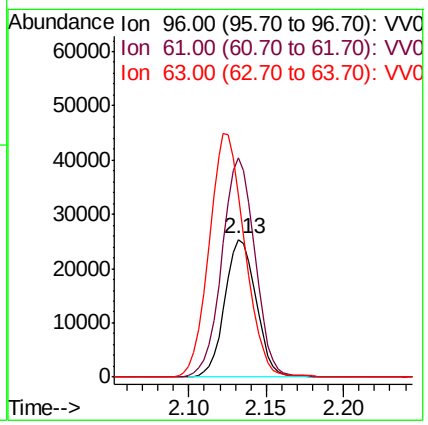


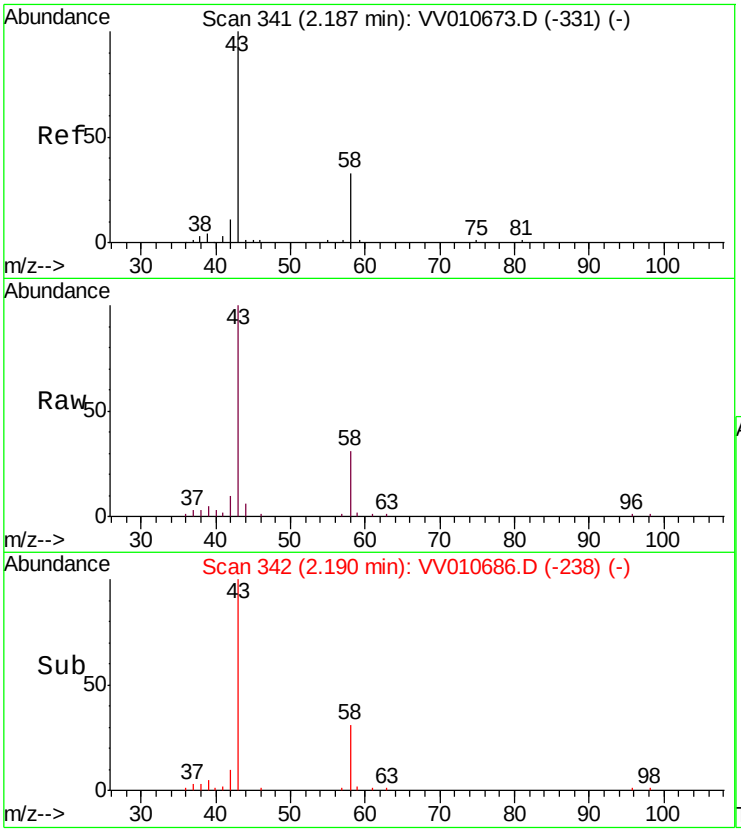




#12
1,1-Dichloroethene
Concen: 17.914 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 96 Resp: 35556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 159.6 | 111.1 | 206.3 |
| 63 | 132.5 | 95.2 | 176.8 |

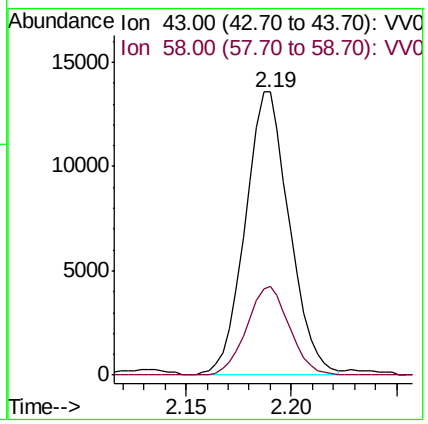


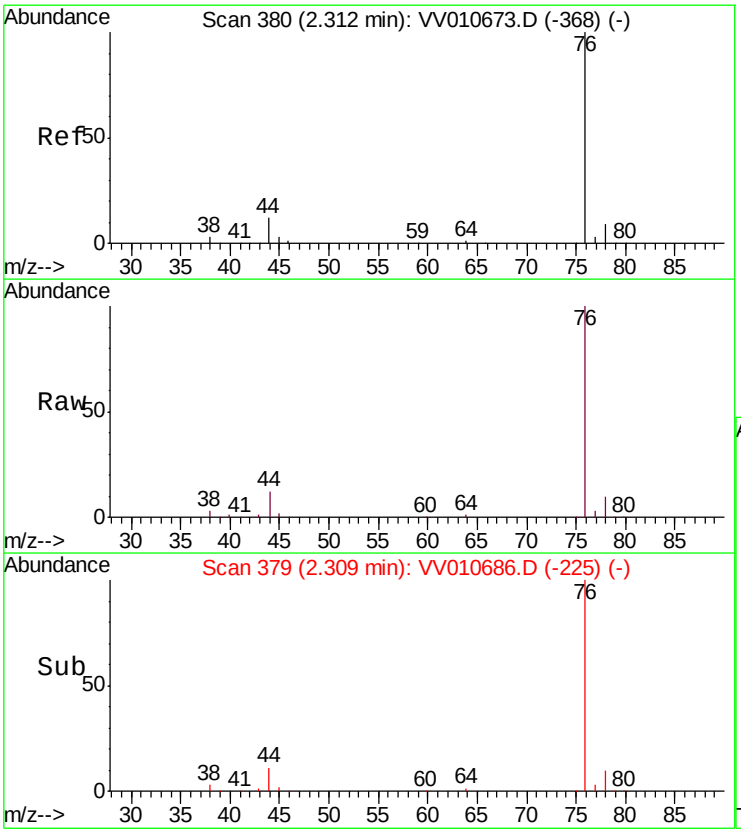



#13
Acetone
Concen:  29.060 ug/L
RT: 2.19 min  Scan# 342
Delta R.T.  0.00 min
Lab File:  VV010686.D
Acq: 06 May 2019  21:06

Tgt Ion: 43 Resp:  19825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.1 | 0.0 | 58.2 |

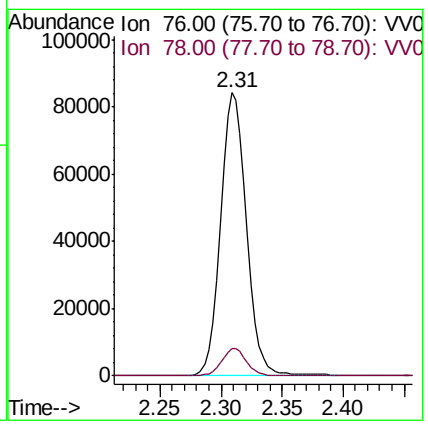


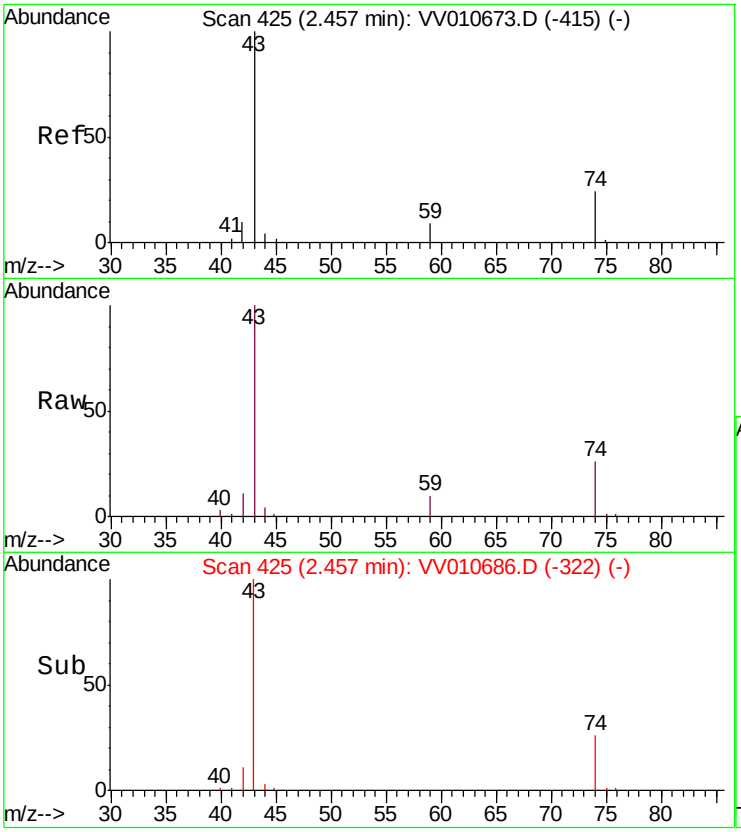




#14
Carbon disulfide
Concen:  19.122 ug/L
RT: 2.31 min  Scan# 379
Delta R.T.  -0.00 min
Lab File:  VV010686.D
Acq: 06 May 2019  21:06

Tgt Ion: 76 Resp:  125663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.6 | 7.3 | 10.9 |

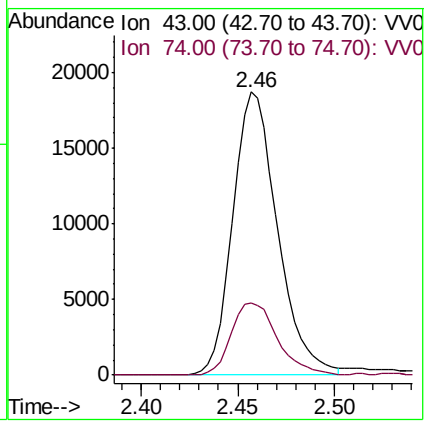


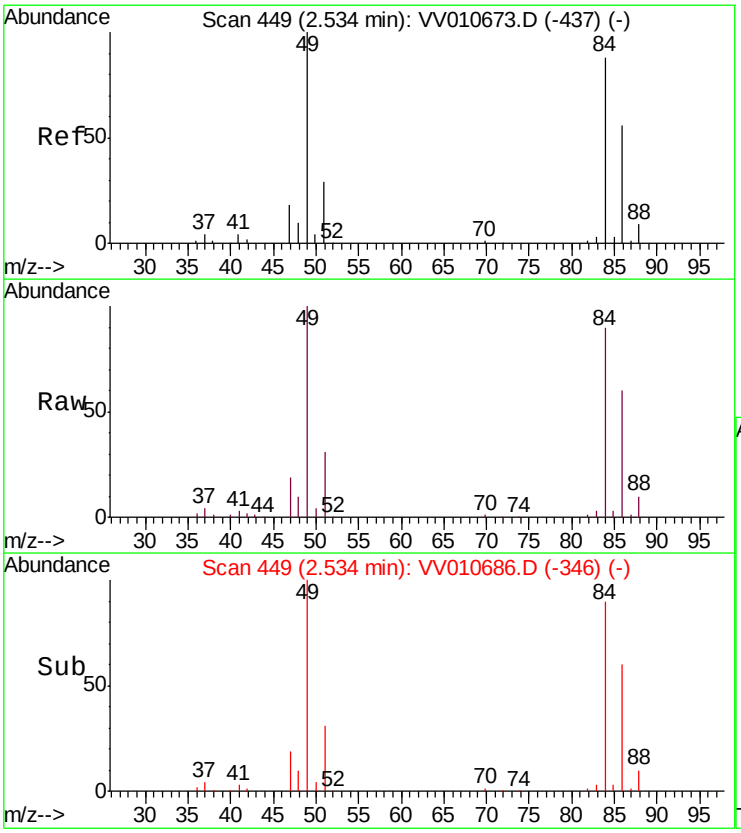



#15
Methyl Acetate
Concen:  22.565 ug/L
RT: 2.46 min  Scan# 425
Delta R.T.  -0.00 min
Lab File:  VV010686.D
Acq: 06 May 2019  21:06

Tgt Ion: 43 Resp:  30092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.4 | 20.0 | 30.0 |

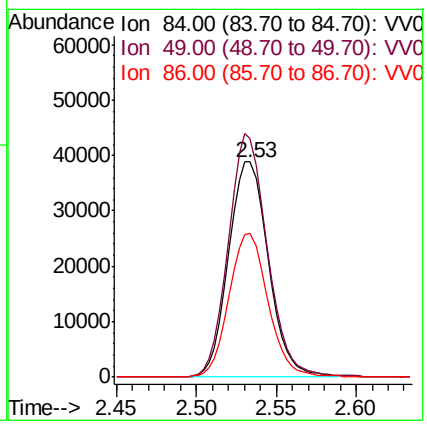


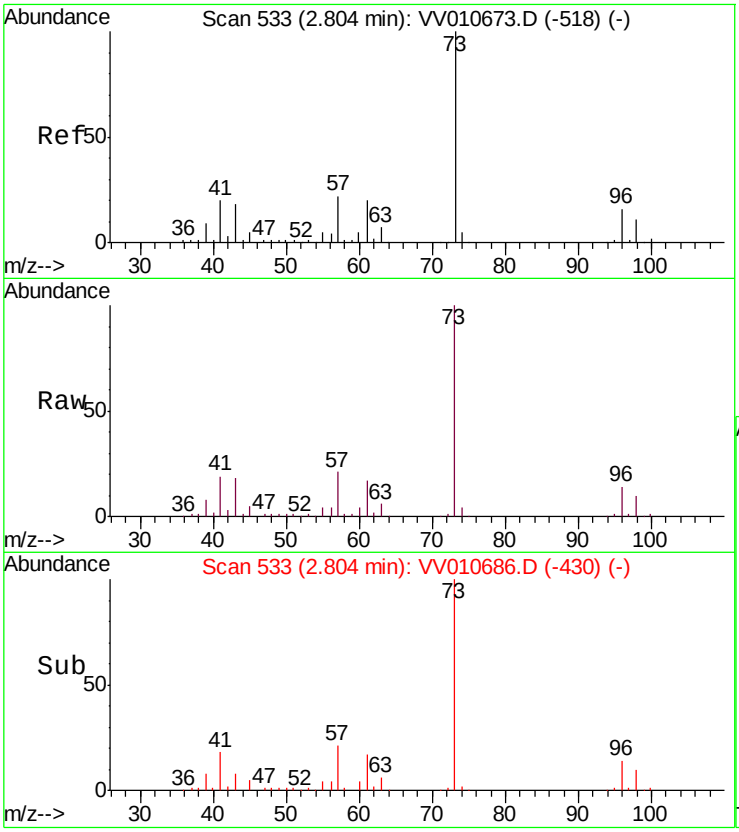




#16
Methylene chloride
Concen:  22.973 ug/L
RT: 2.53 min  Scan# 449
Delta R.T.  -0.00 min
Lab File:  VV010686.D
Acq: 06 May 2019  21:06

Tgt Ion: 84 Resp:  66196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 110.7 | 81.9 | 152.1 |
| 86 | 66.9 | 44.0 | 81.6 |

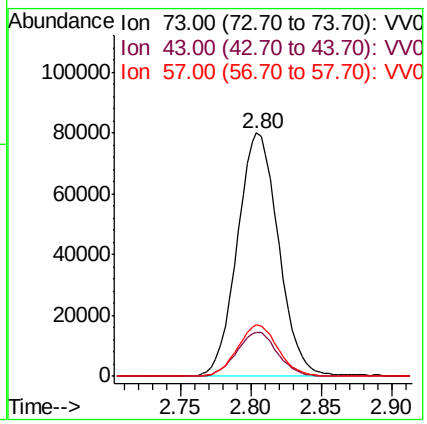


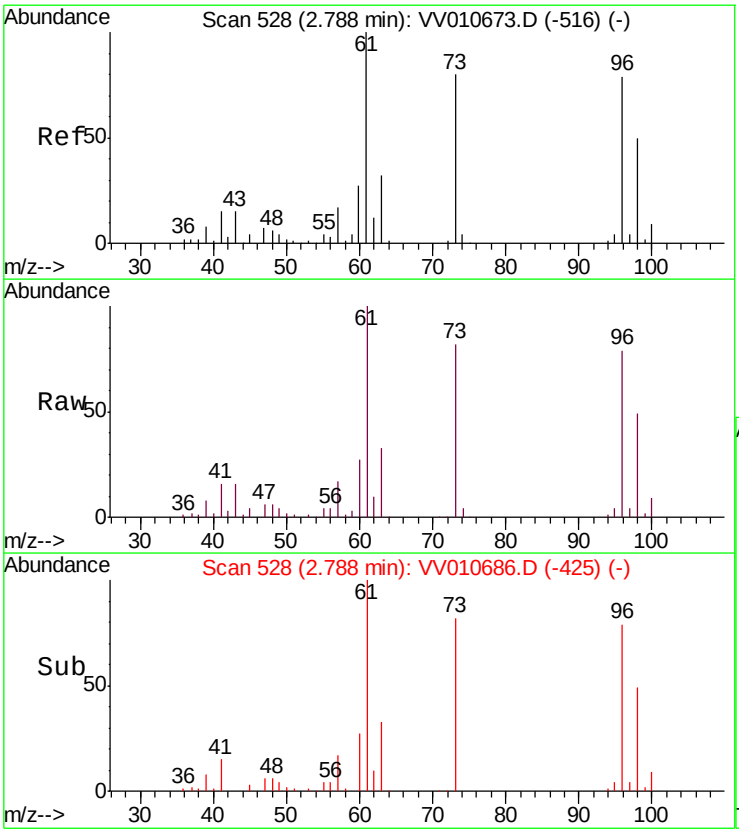



#17
Methyl tert-butyl Ether
Concen: 26.772 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 73 Resp: 163667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 18.1 | 15.9 | 23.9 |
| 57 | 20.9 | 17.9 | 26.9 |

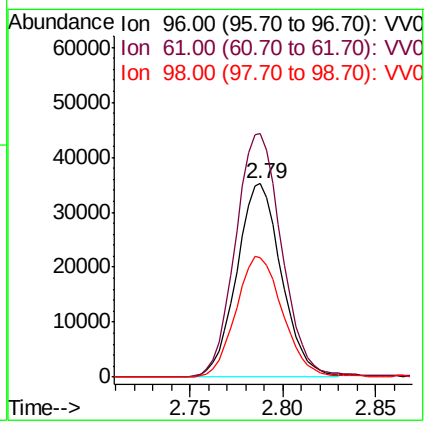


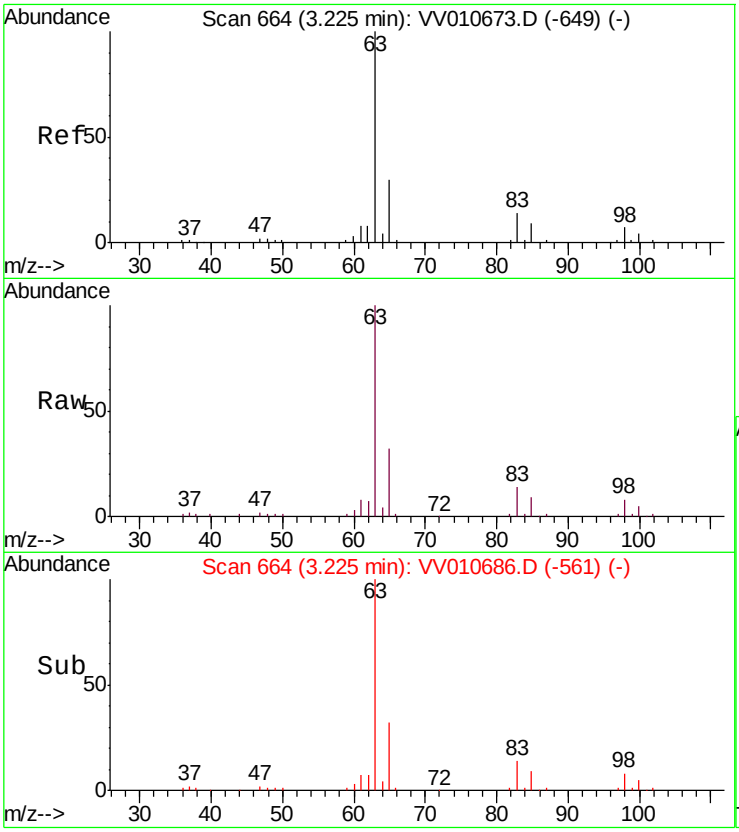




#18
trans-1,2-Dichloroethene
Concen: 23.459 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 96 Resp: 59129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 125.9 | 94.6 | 175.8 |
| 98 | 62.1 | 45.2 | 84.0 |

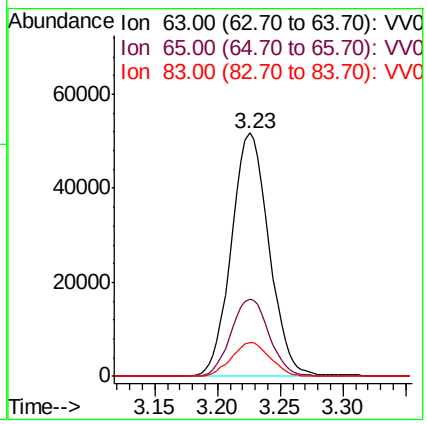


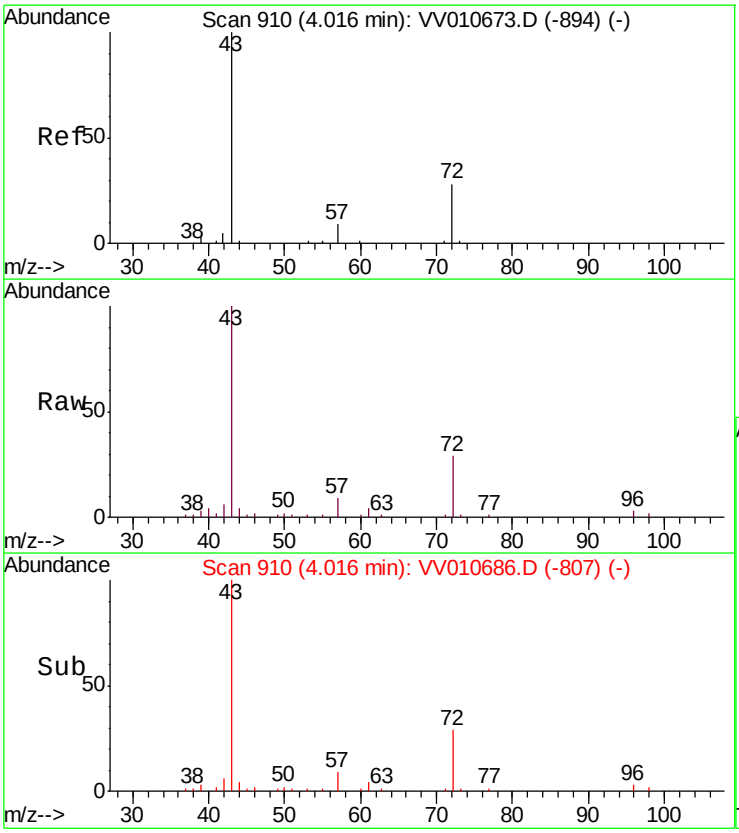



#19
1,1-Dichloroethane
Concen: 23.534 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 63 Resp: 108186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 22.0 | 40.8 |
| 83 | 13.8 | 10.0 | 18.6 |

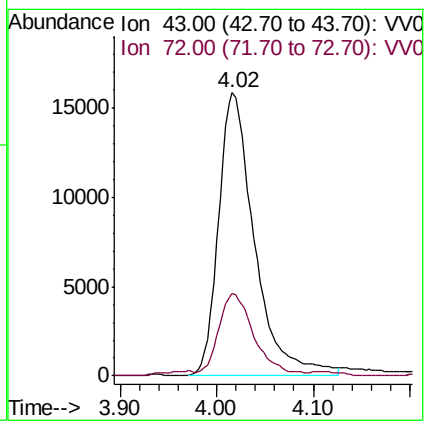


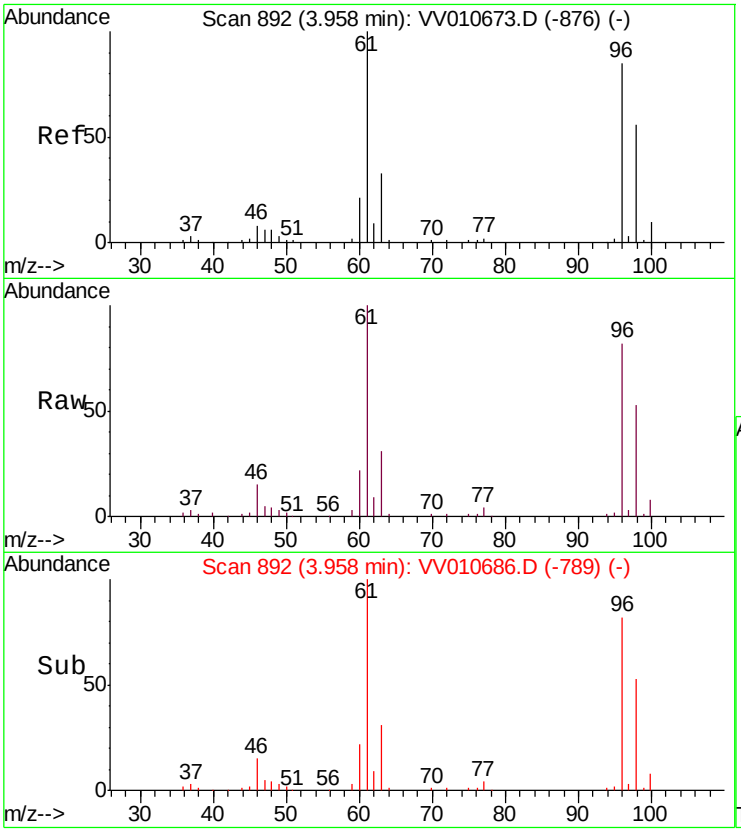




#21
2-Butanone
Concen: 46.279 ug/L
RT: 4.02 min Scan# 910
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 43 Resp: 41169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.0 | 14.2 | 42.6 |

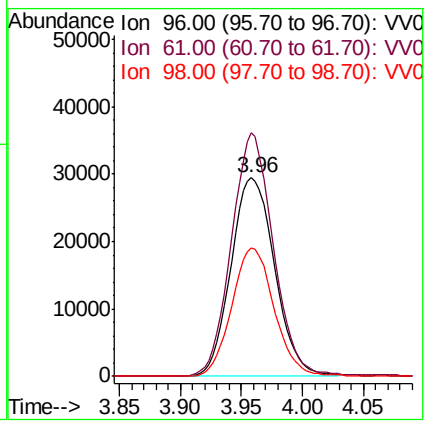


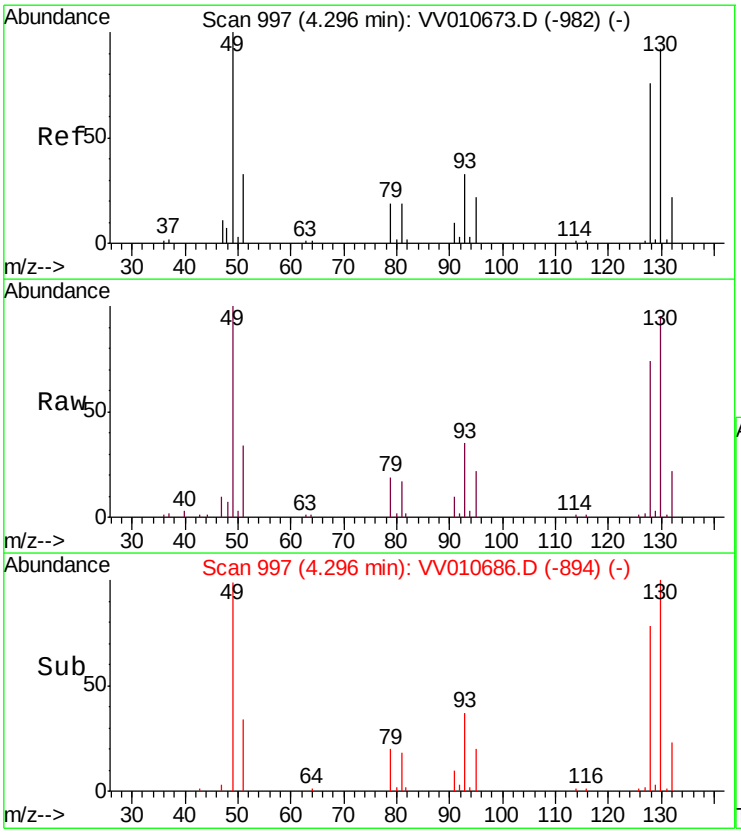



#22
cis-1,2-Dichloroethene
Concen: 26.647 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 96 Resp: 73316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 122.7 | 89.6 | 166.4 |
| 98 | 64.7 | 44.5 | 82.7 |

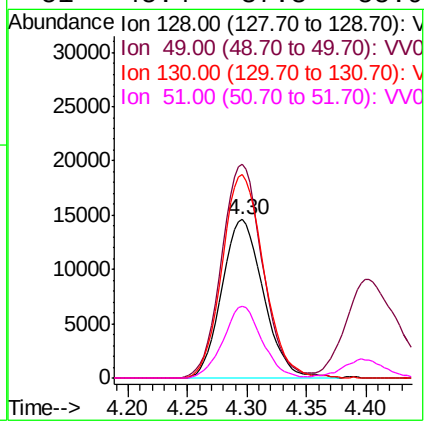


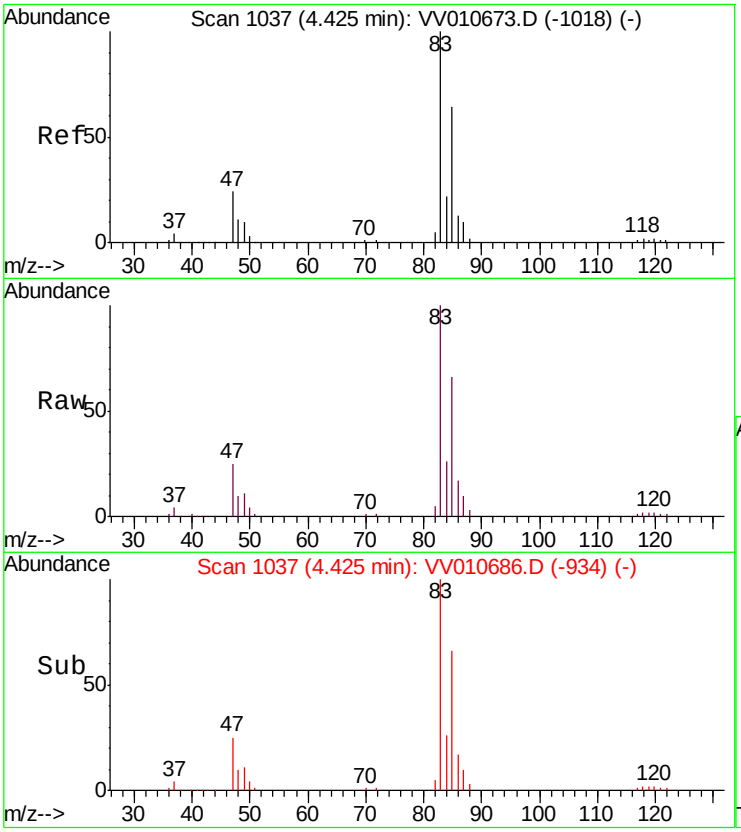




#23
Bromochloromethane
Concen: 27.215 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:128 Resp: 35402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 134.8 | 108.0 | 200.6 |
| 130 | 128.4 | 89.7 | 166.7 |
| 51 | 45.4 | 37.3 | 55.9 |

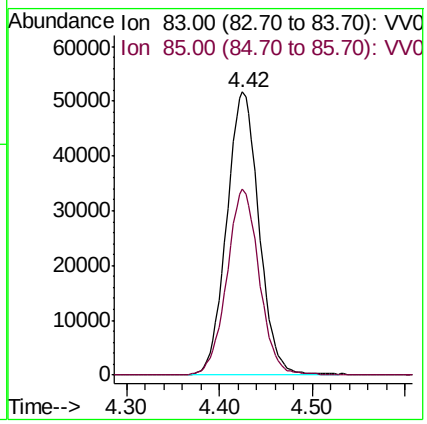


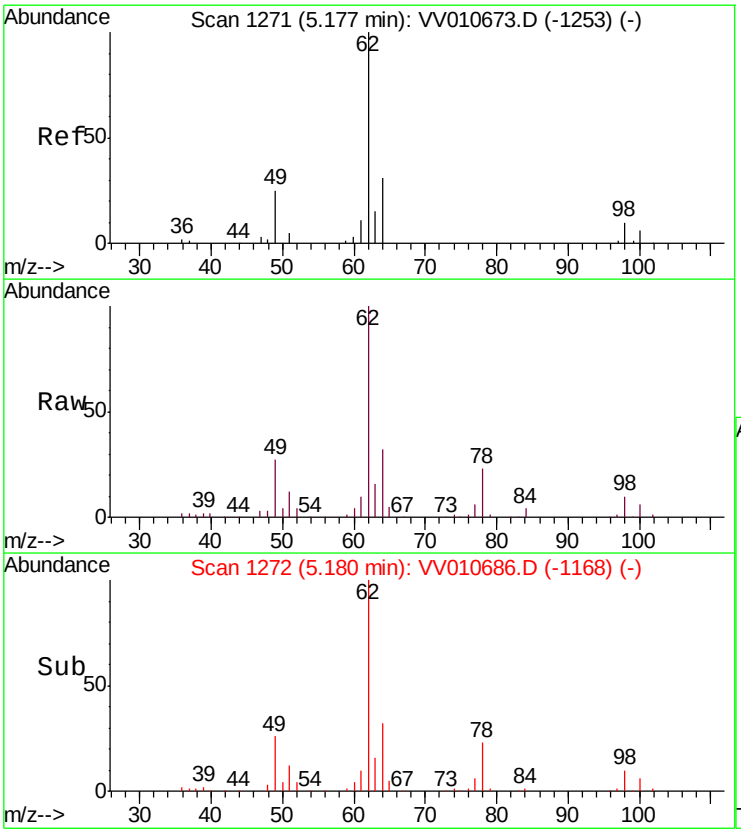



#25
Chloroform
Concen: 24.545 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 83 Resp: 125061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.7 | 46.3 | 86.1 |

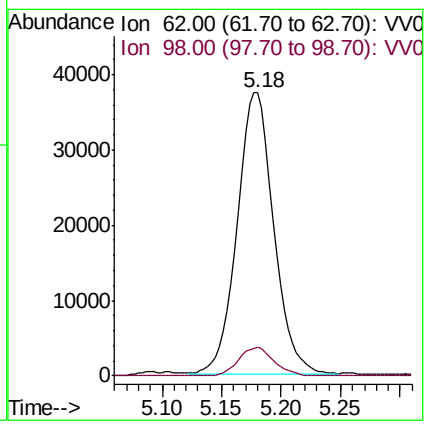


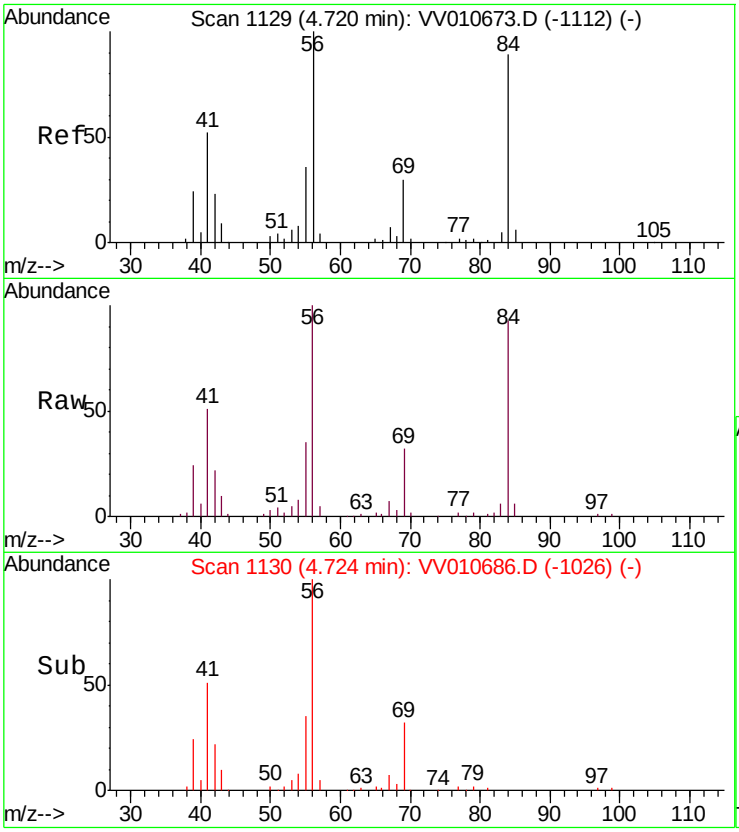




#27
1,2-Dichloroethane
Concen: 24.182 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 62 Resp: 79806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.0 | 6.6 | 10.0# |

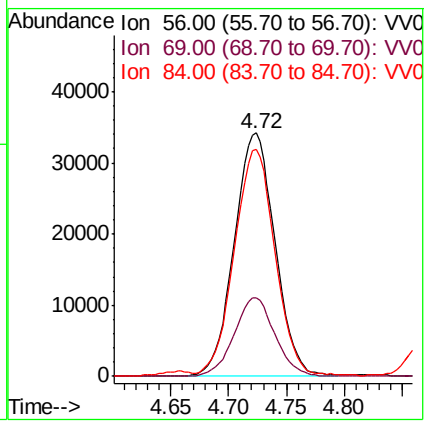


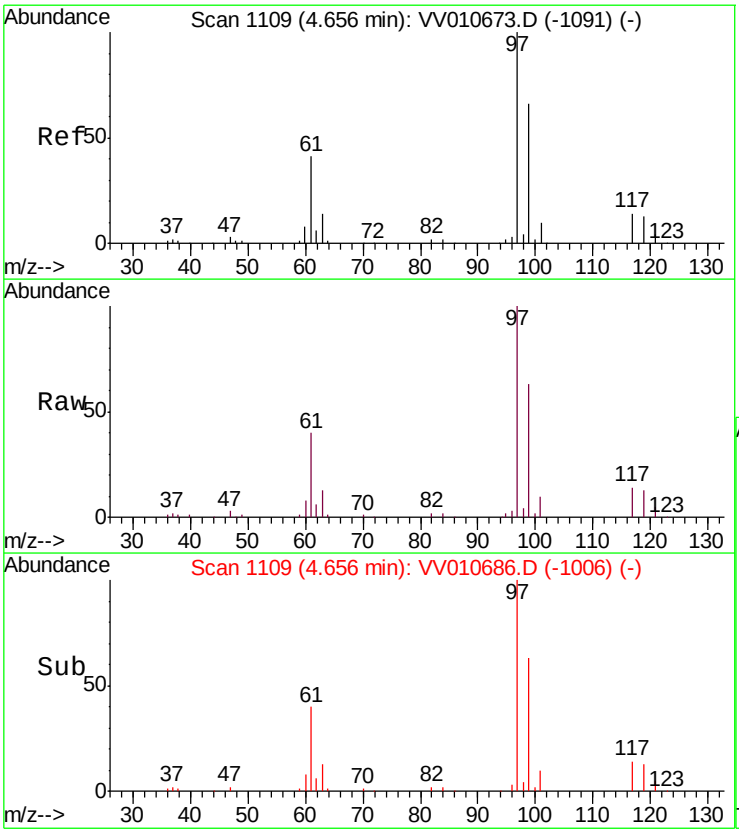



#30
Cyclohexane
Concen: 23.333 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 56 Resp: 83763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.1 | 25.0 | 37.6 |
| 84 | 93.5 | 71.6 | 107.4 |

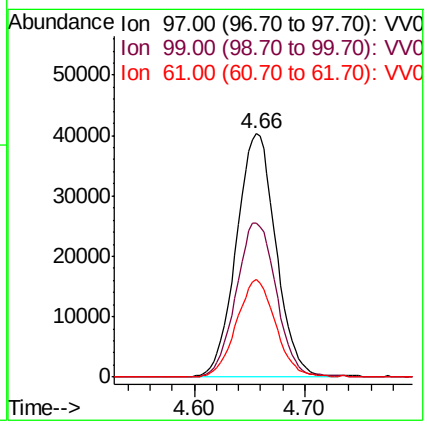


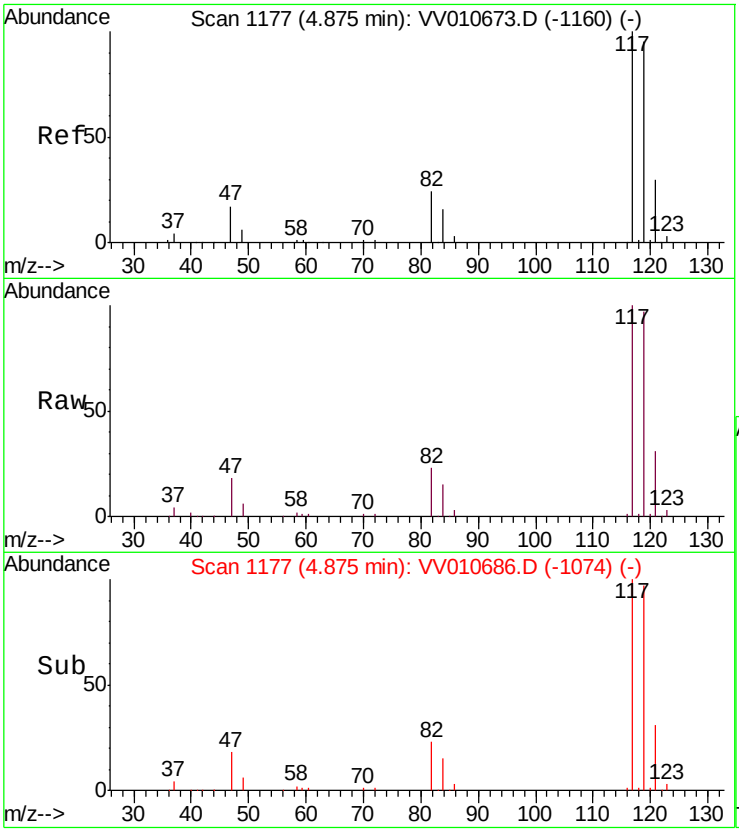




#31
1,1,1-Trichloroethane
Concen: 25.112 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 97 Resp: 100128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 50.3 | 75.5 |
| 61 | 39.7 | 34.1 | 51.1 |

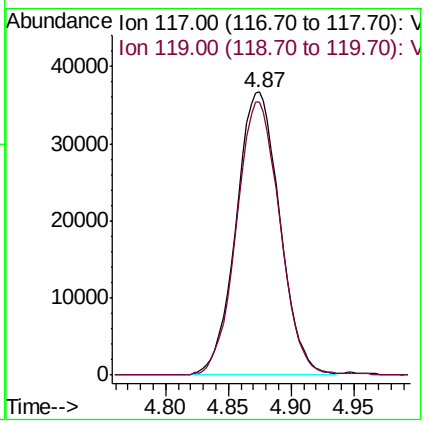


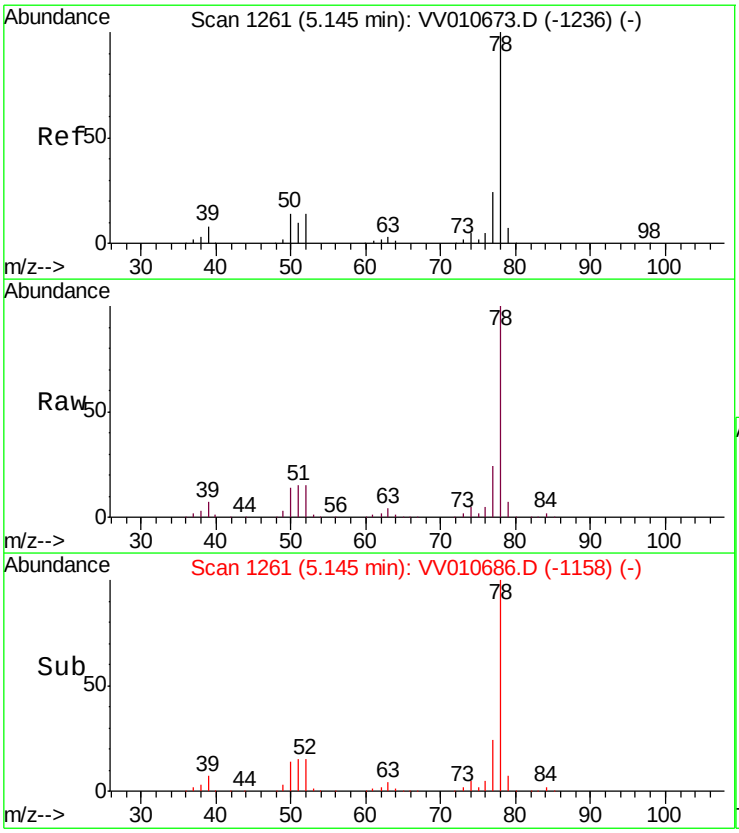



#32
Carbon tetrachloride
Concen:  24.780 ug/L
RT: 4.87 min  Scan# 1177
Delta R.T.  -0.00 min
Lab File:  VV010686.D
Acq: 06 May 2019  21:06

Tgt Ion:117 Resp:  88445

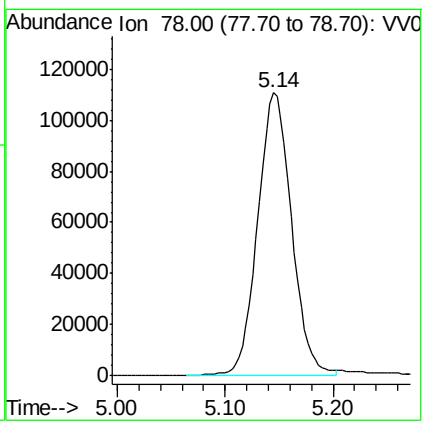
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.1 | 76.8 | 115.2 |

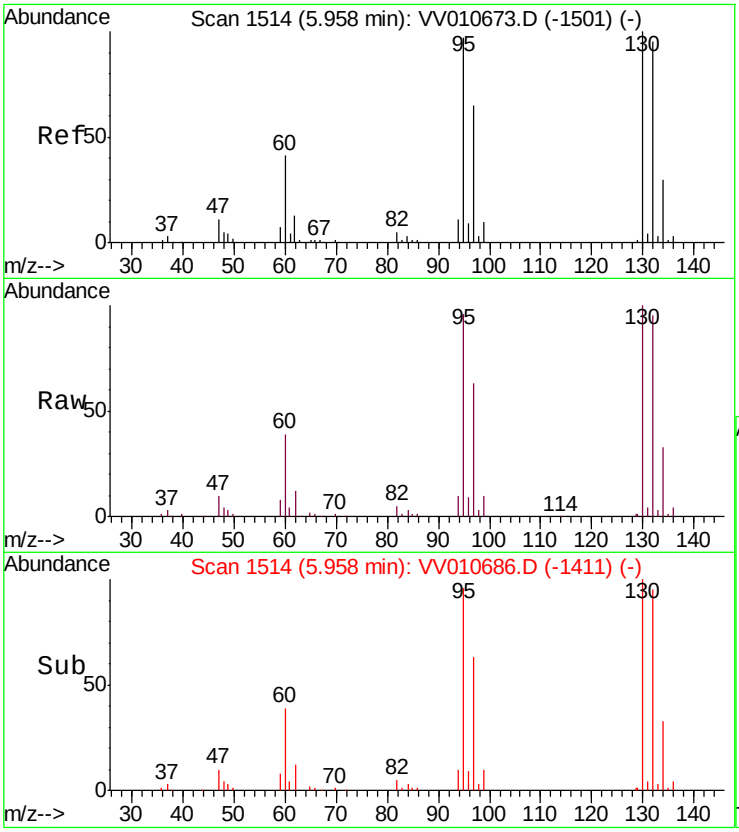



#34
Benzene
Concen:  24.849 ug/L
RT: 5.14 min  Scan# 1261
Delta R.T.  -0.00 min
Lab File:  VV010686.D
Acq: 06 May 2019  21:06

Tgt Ion: 78 Resp:  242456

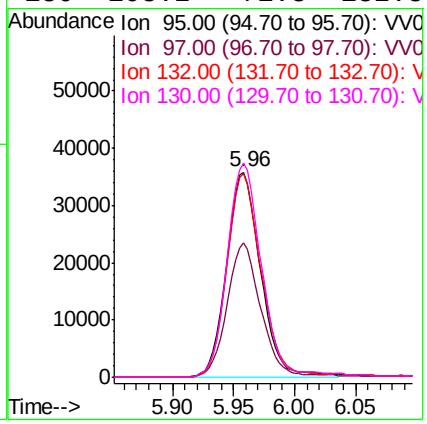


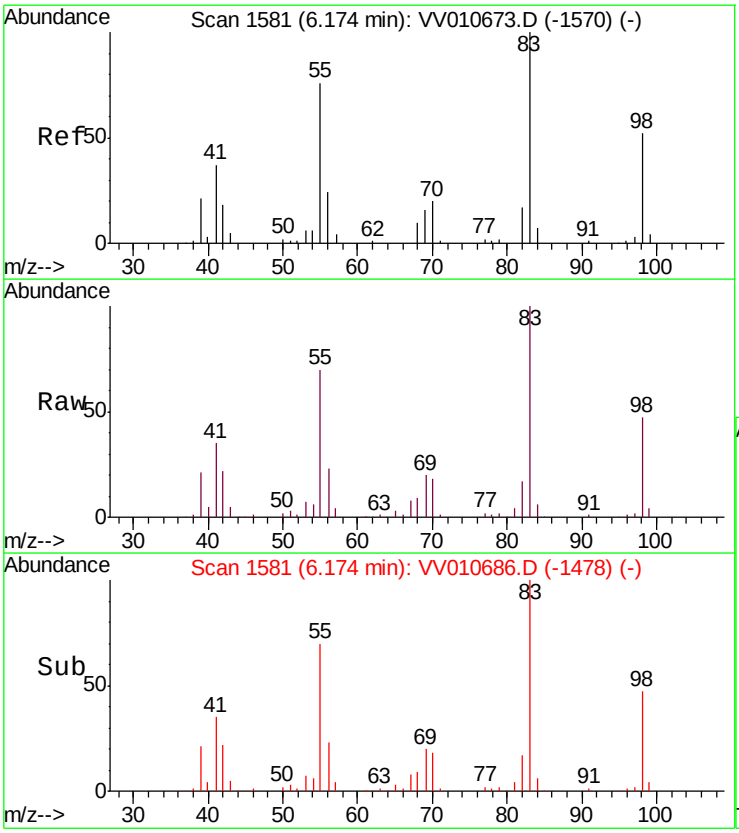



#35
Trichloroethene
Concen: 25.189 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 95 Resp: 70102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.2 | 45.0 | 83.6 |
| 132 | 99.0 | 69.9 | 129.9 |
| 130 | 103.2 | 71.3 | 132.3 |

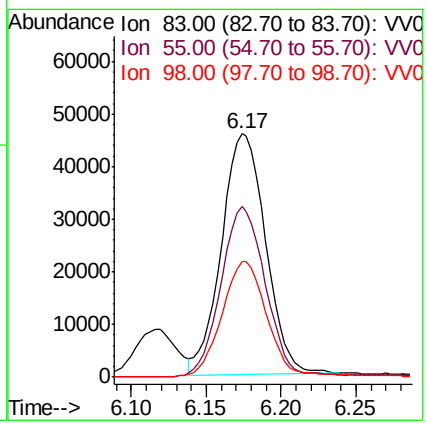


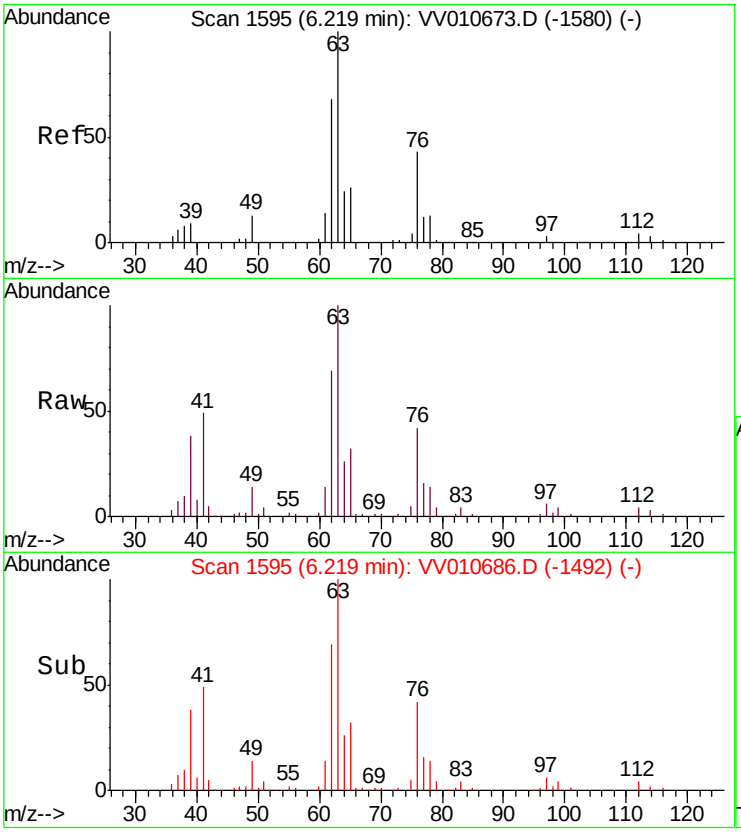




#36
Methylcyclohexane
Concen: 23.663 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 83 Resp: 94097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 71.6 | 61.4 | 92.0 |
| 98 | 48.2 | 37.4 | 56.2 |

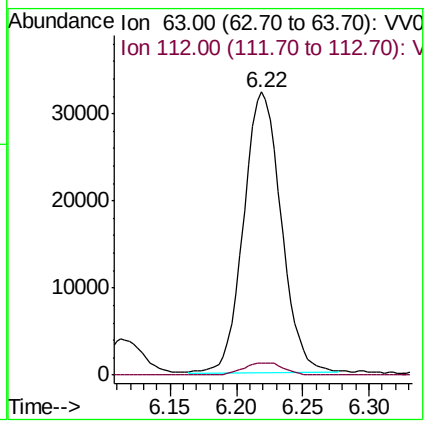


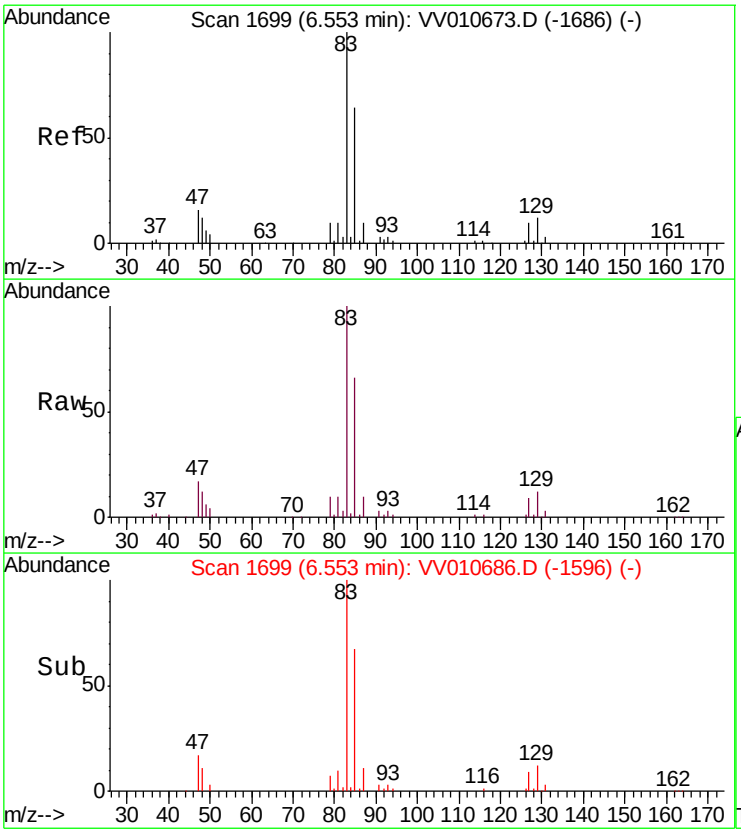



#40
1,2-Dichloropropane
Concen: 25.000 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 63 Resp: 63445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 2.7 | 3.4 | 5.0# |

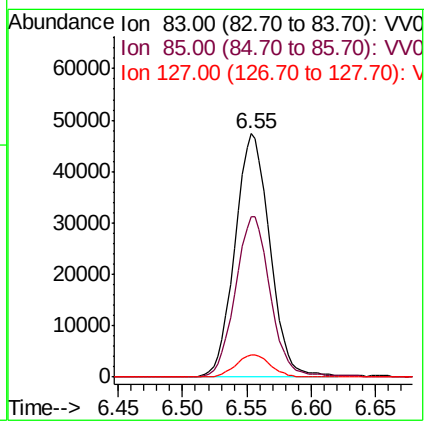


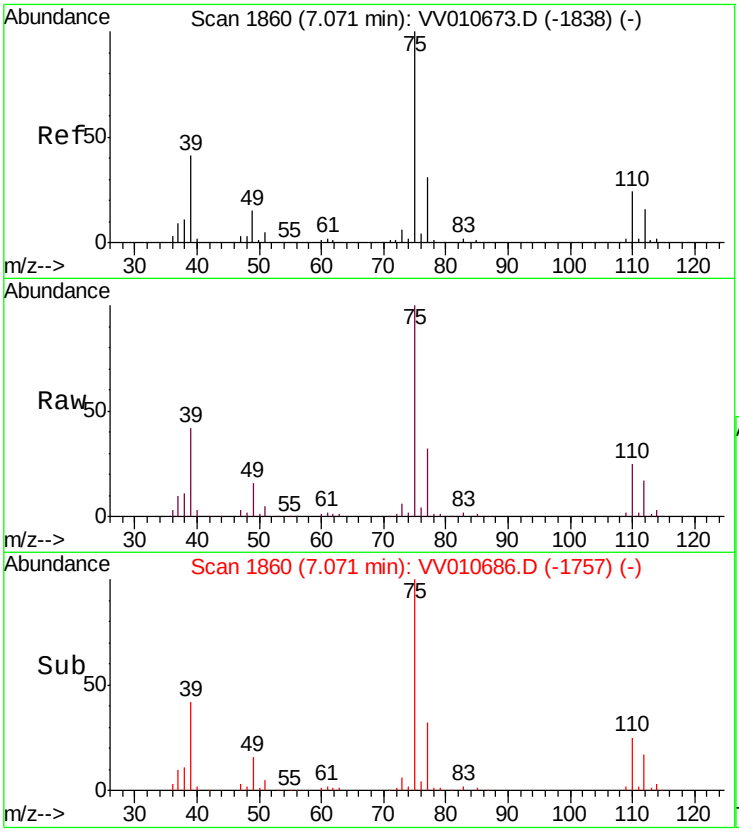




#41
Bromodichloromethane
Concen: 26.579 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 83 Resp: 89313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.8 | 45.1 | 83.9 |
| 127 | 9.0 | 7.2 | 10.8 |

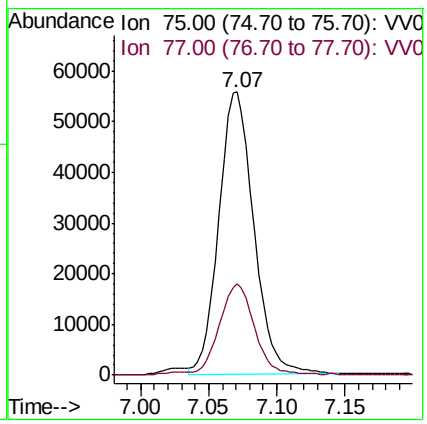


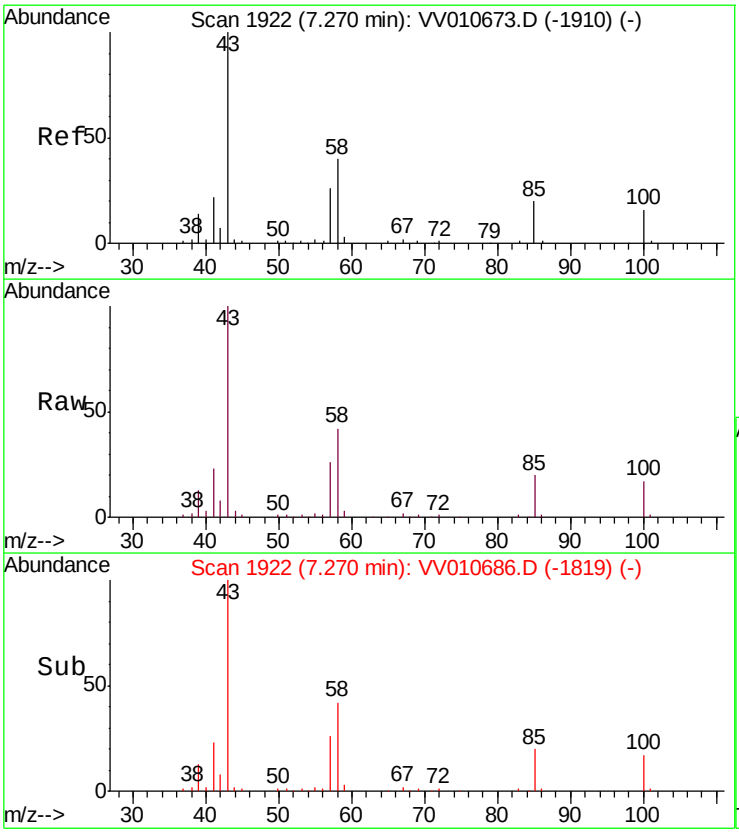



#42
cis-1,3-Dichloropropene
Concen: 26.824 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 75 Resp: 99571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 21.8 | 40.4 |

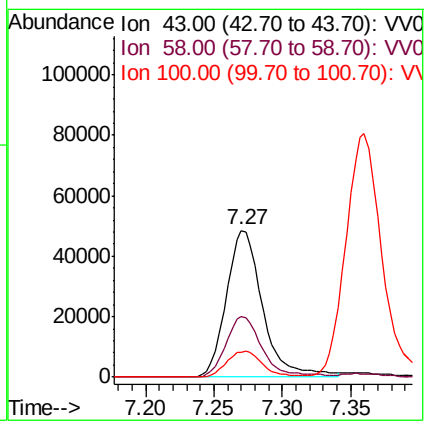


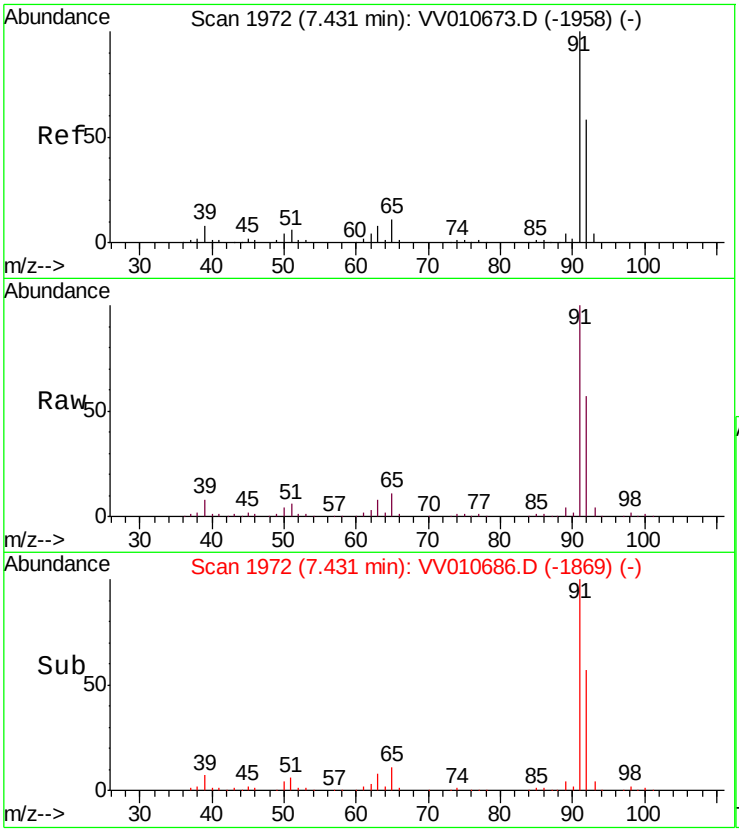




#43
4-Methyl-2-pentanone
Concen: 50.203 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 43 Resp: 89704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.6 | 29.6 | 44.4 |
| 100 | 17.4 | 11.2 | 16.8# |

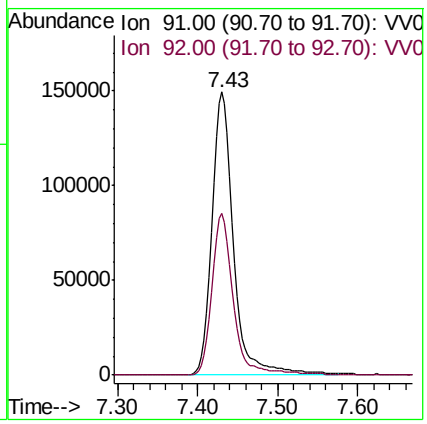


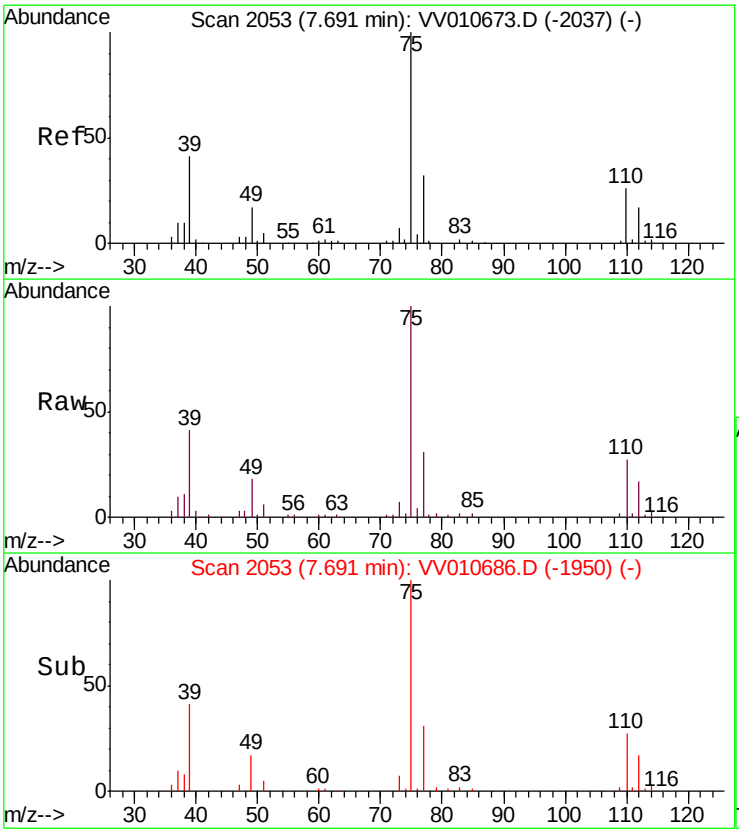



#44
Toluene
Concen: 26.094 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 91 Resp: 280996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.1 | 40.1 | 74.5 |

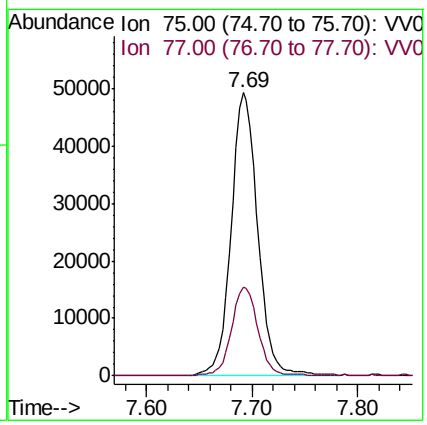


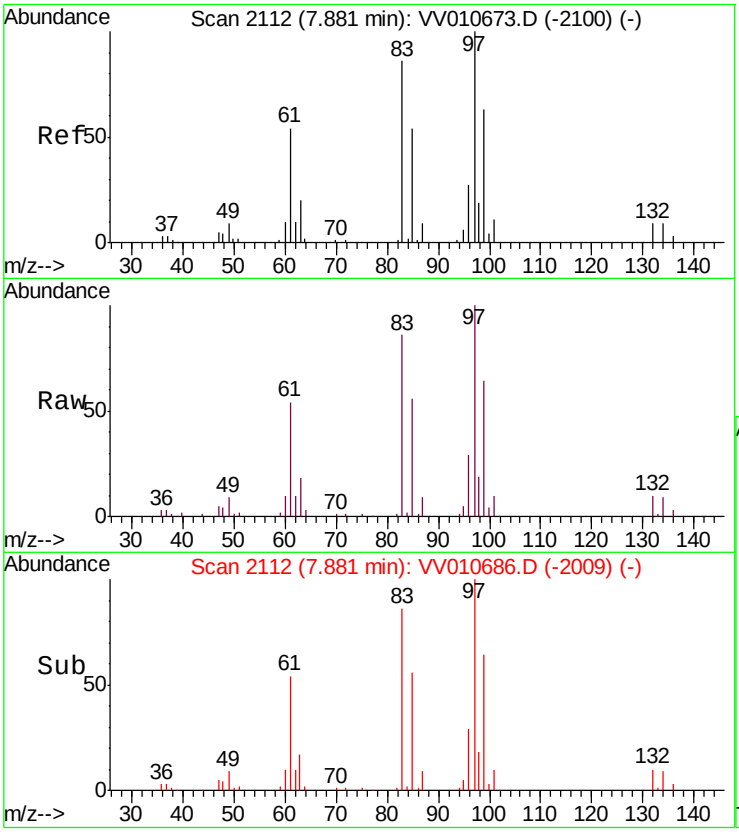




#45
trans-1,3-Dichloropropene
Concen: 27.535 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 75 Resp: 86023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 21.8 | 40.6 |

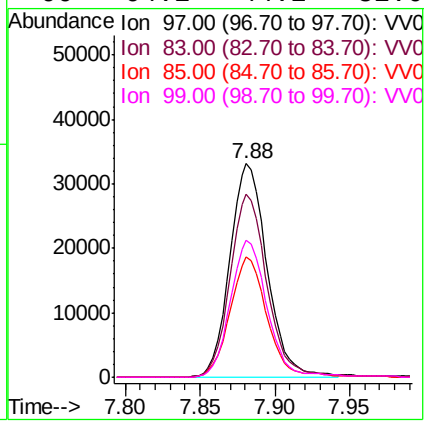


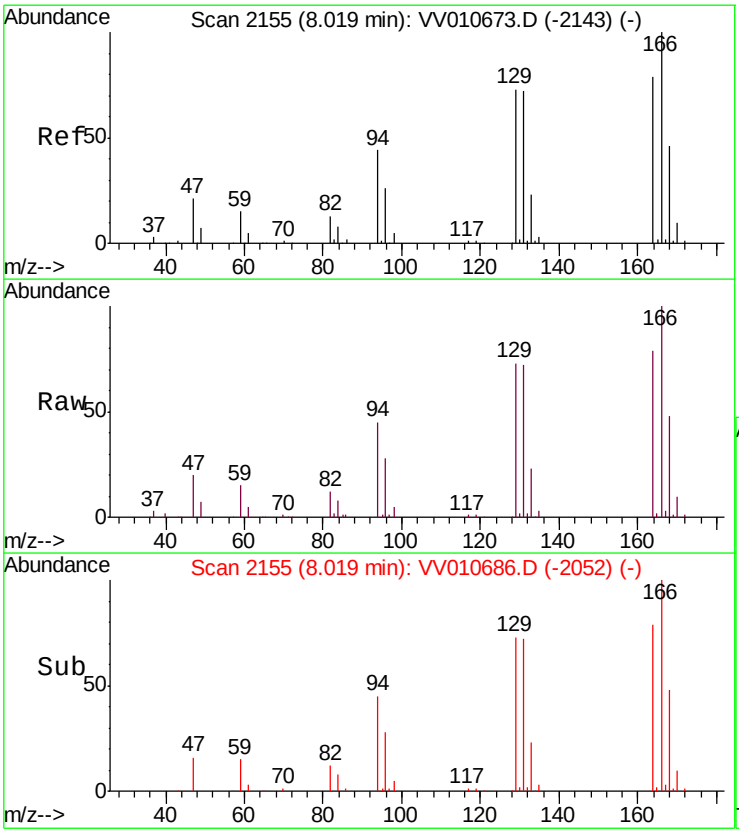



#46
1,1,2-Trichloroethane
Concen: 27.121 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 97 Resp: 57472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 62.1 | 115.3 |
| 85 | 56.1 | 39.8 | 74.0 |
| 99 | 64.2 | 44.2 | 82.0 |

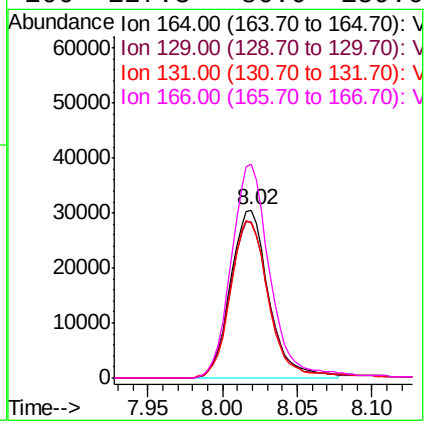


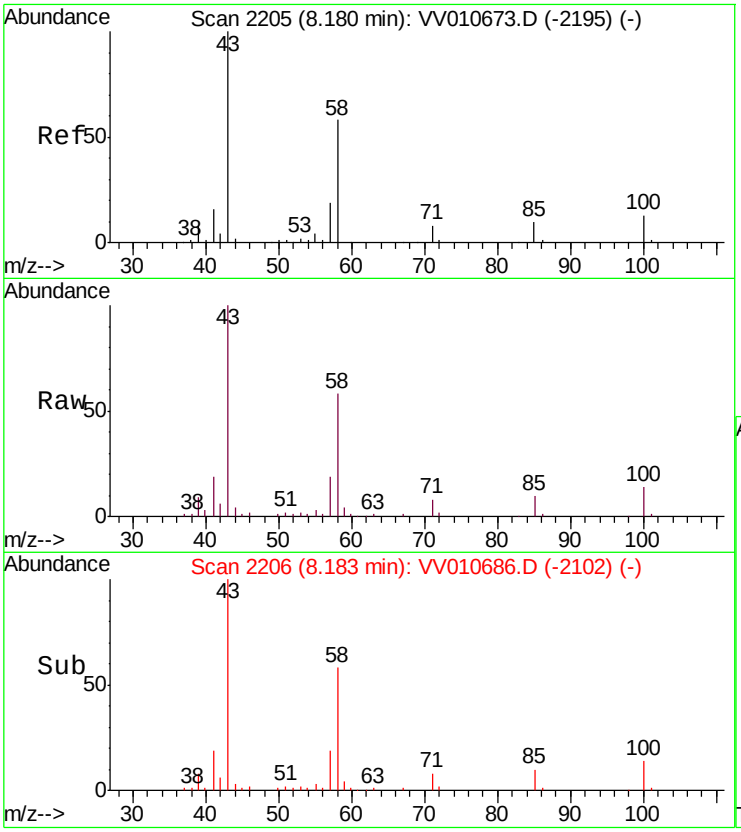




#47
Tetrachloroethene
Concen: 24.990 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:164 Resp: 54215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 92.9 | 67.5 | 125.4 |
| 131 | 92.1 | 65.1 | 120.9 |
| 166 | 127.3 | 86.0 | 159.6 |

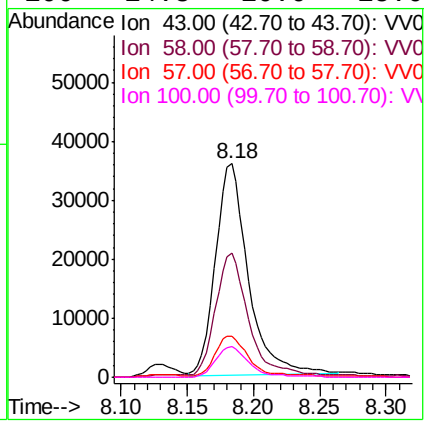


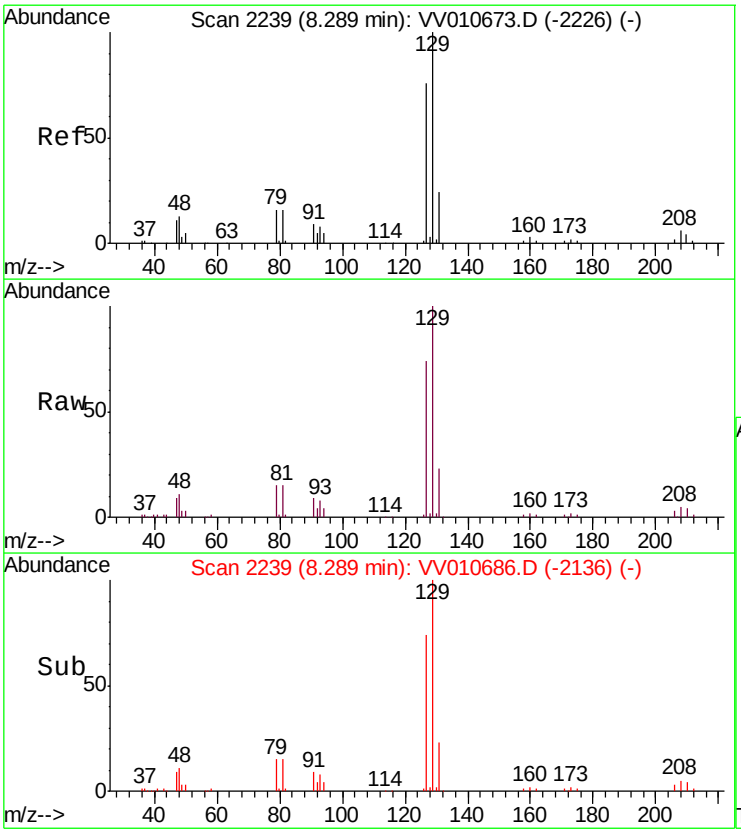



#49
2-Hexanone
Concen: 46.386 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 43 Resp: 61615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.4 | 42.5 | 63.7 |
| 57 | 18.3 | 14.4 | 21.6 |
| 100 | 14.8 | 10.0 | 15.0 |

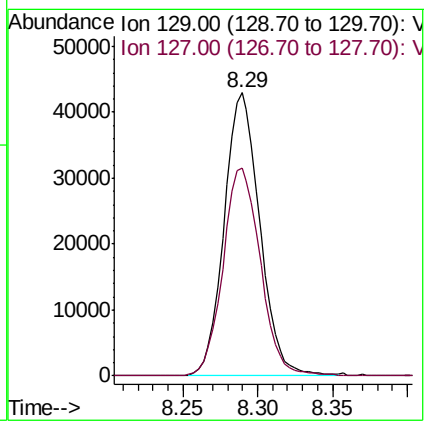


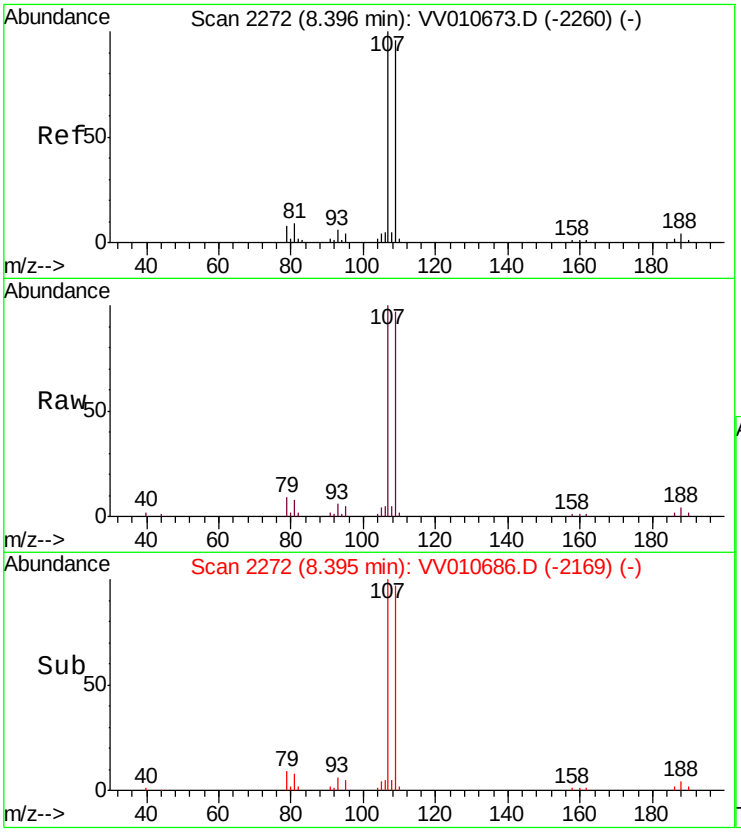




#50
Dibromochloromethane
Concen: 28.420 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:129 Resp: 71423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 73.6 | 53.9 | 100.1 |

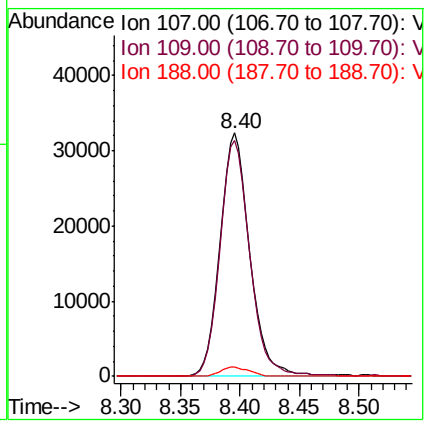


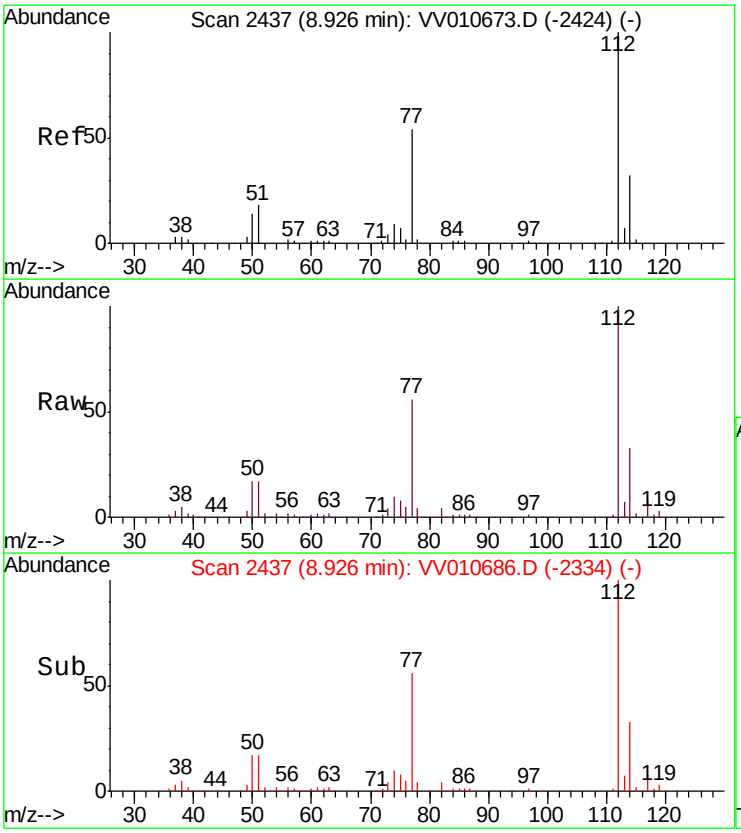



#51
1,2-Dibromoethane
Concen: 27.463 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:107 Resp: 56134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.0 | 68.7 | 127.7 |
| 188 | 3.6 | 3.0 | 4.4 |

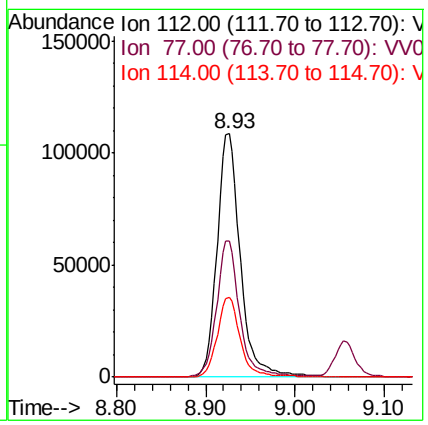


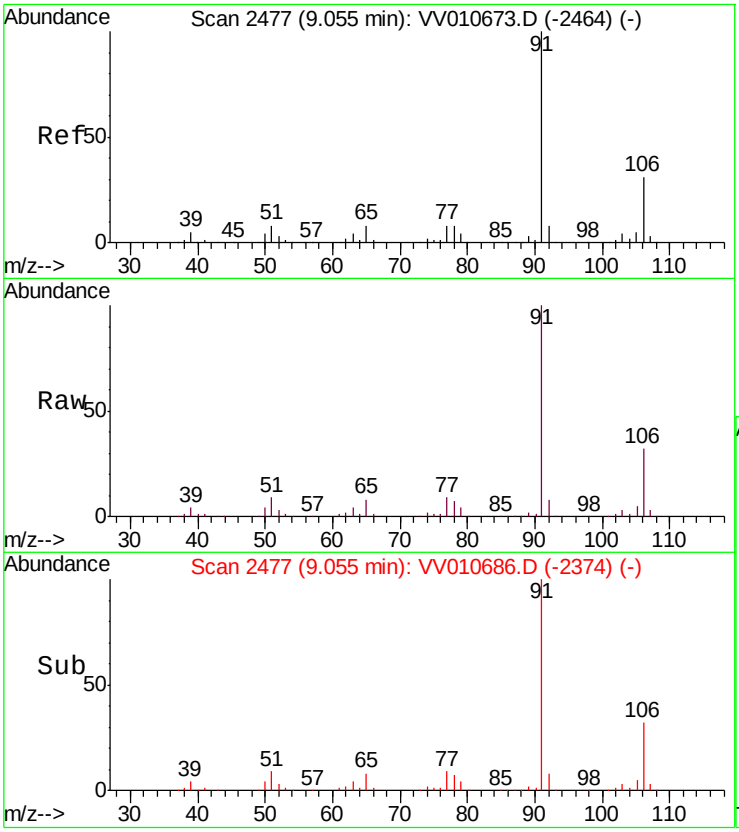




#52
Chlorobenzene
Concen: 26.117 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:112 Resp: 196278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 55.8 | 44.5 | 66.7 |
| 114 | 32.8 | 22.5 | 41.7 |

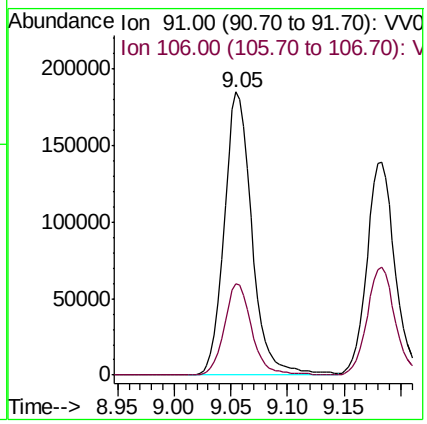


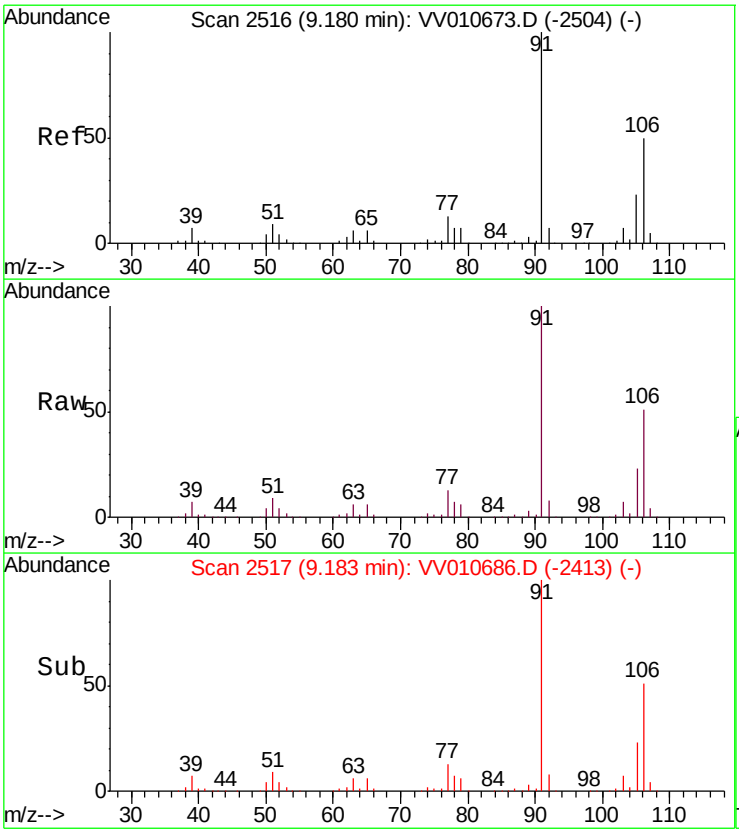



#53
Ethylbenzene
Concen: 25.899 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 91 Resp: 315427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.3 | 22.0 | 41.0 |

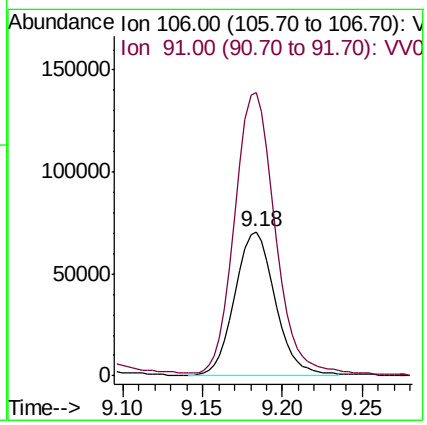


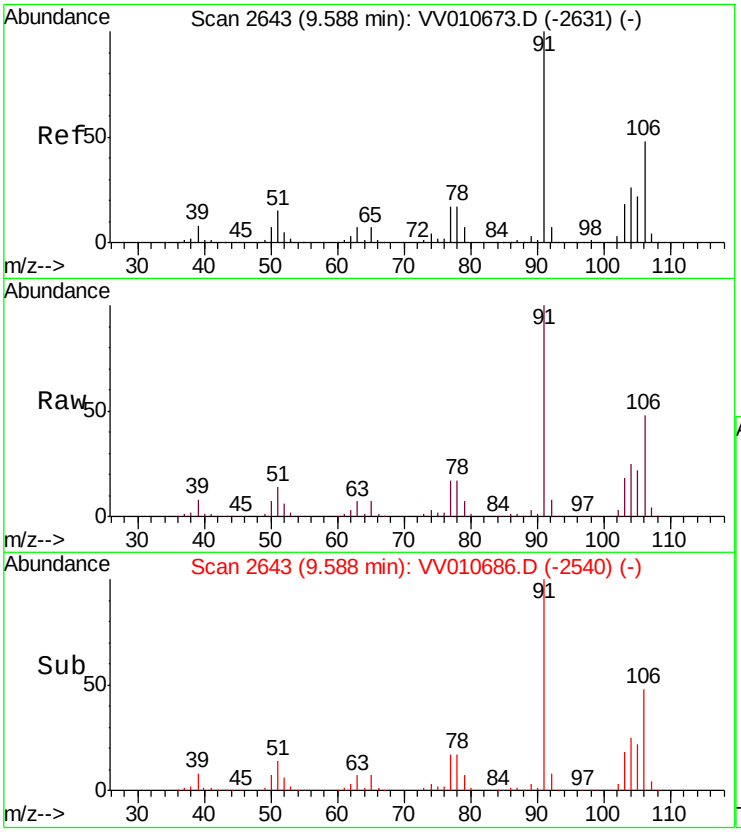




#54
m,p-Xylene
Concen: 25.970 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:106 Resp: 119849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.7 | 140.4 | 260.8 |

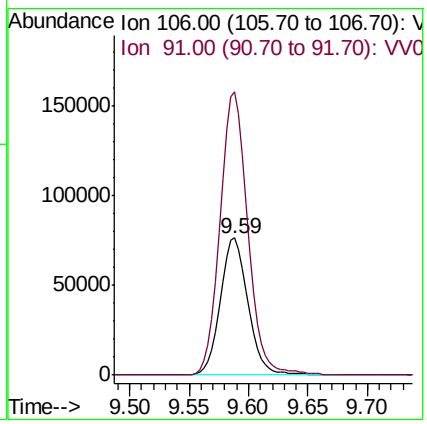


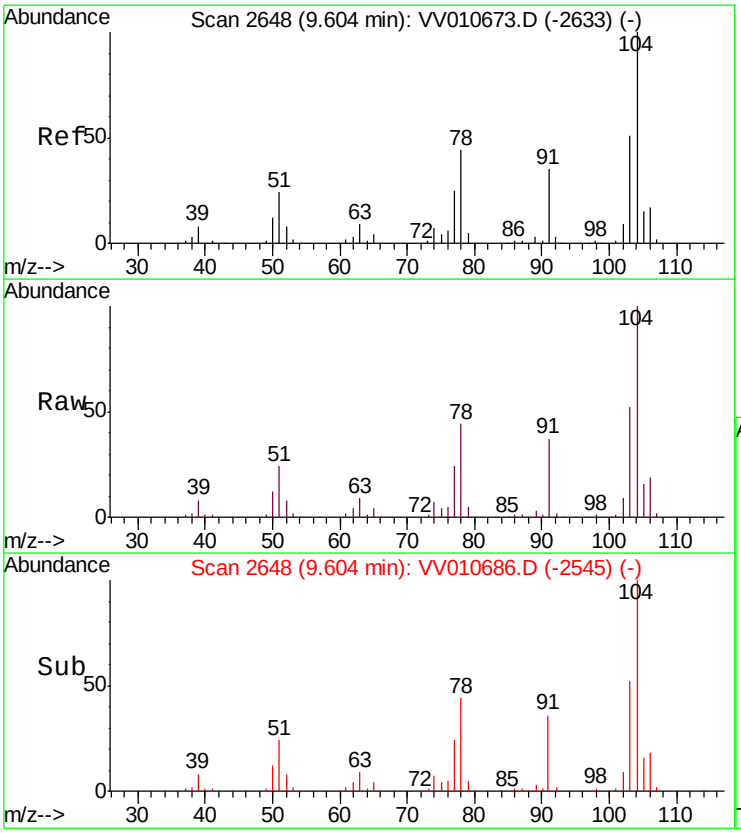



#55
o-xylene
Concen: 27.471 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:106 Resp: 123854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.3 | 147.3 | 273.5 |

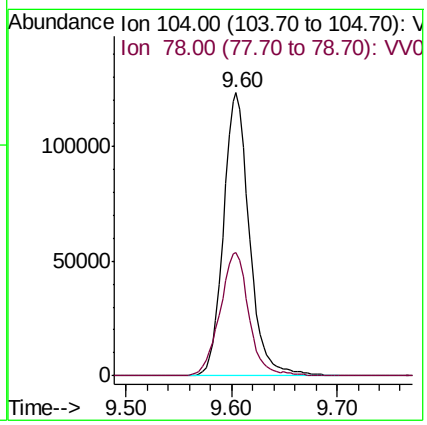


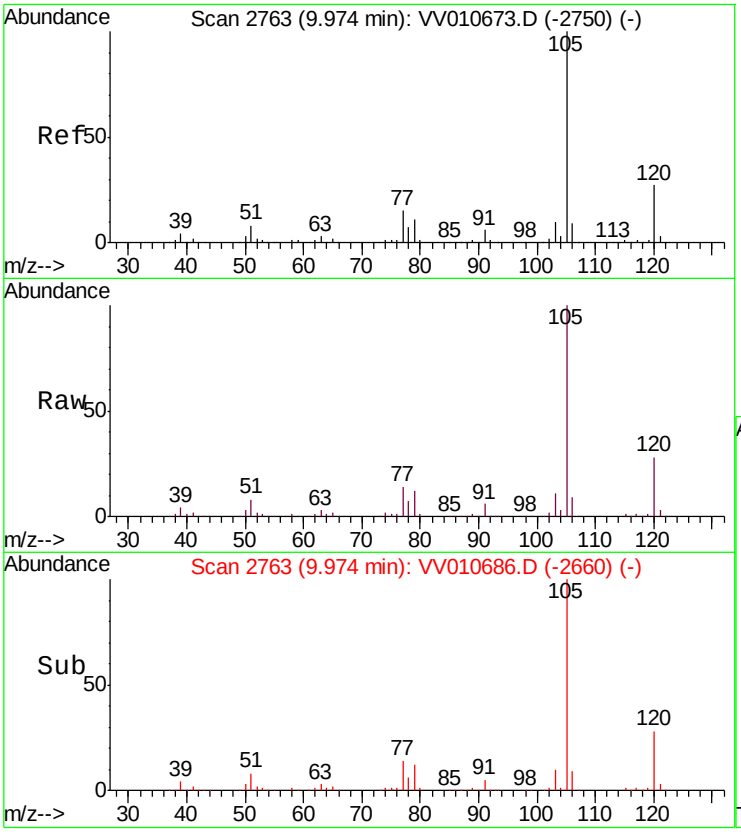




#56
Styrene
Concen: 27.392 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:104 Resp: 209597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.6 | 30.4 | 56.5 |

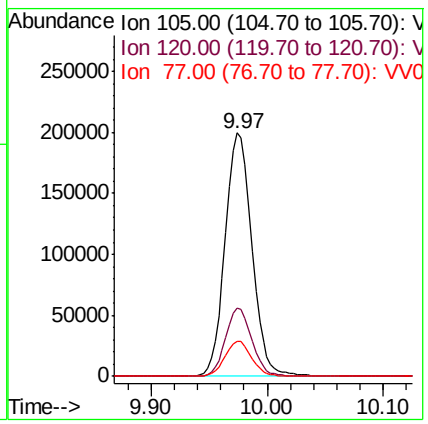


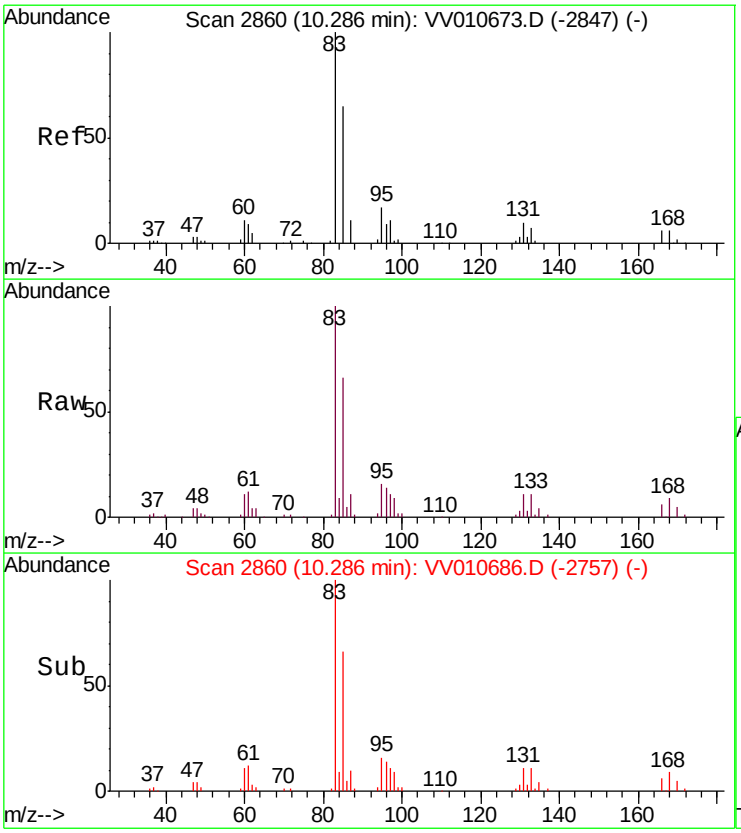



#57
Isopropylbenzene
Concen: 26.928 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:105 Resp: 318589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.6 | 21.7 | 32.5 |
| 77 | 14.6 | 12.3 | 18.5 |

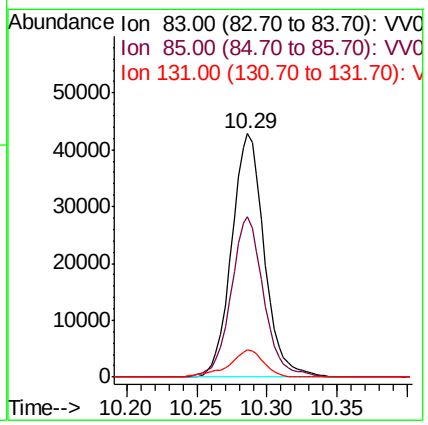


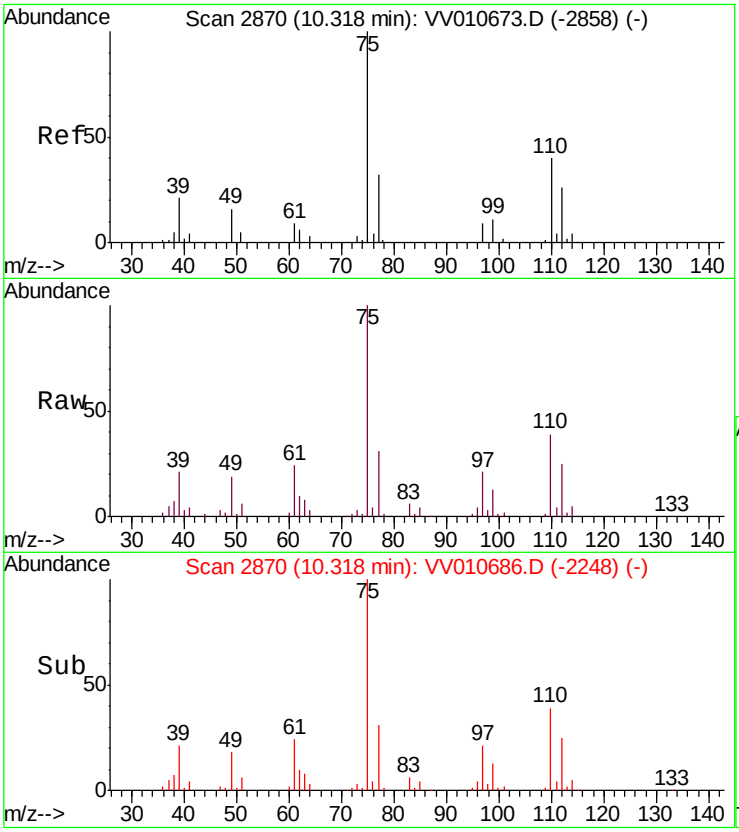




#58
1,1,2,2-Tetrachloroethane
Concen: 26.204 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 83 Resp: 69271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 46.5 | 86.3 |
| 131 | 11.0 | 8.4 | 12.6 |

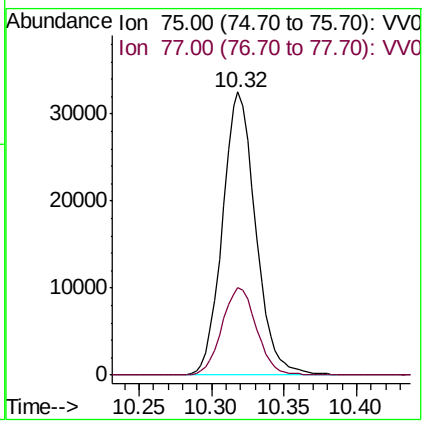


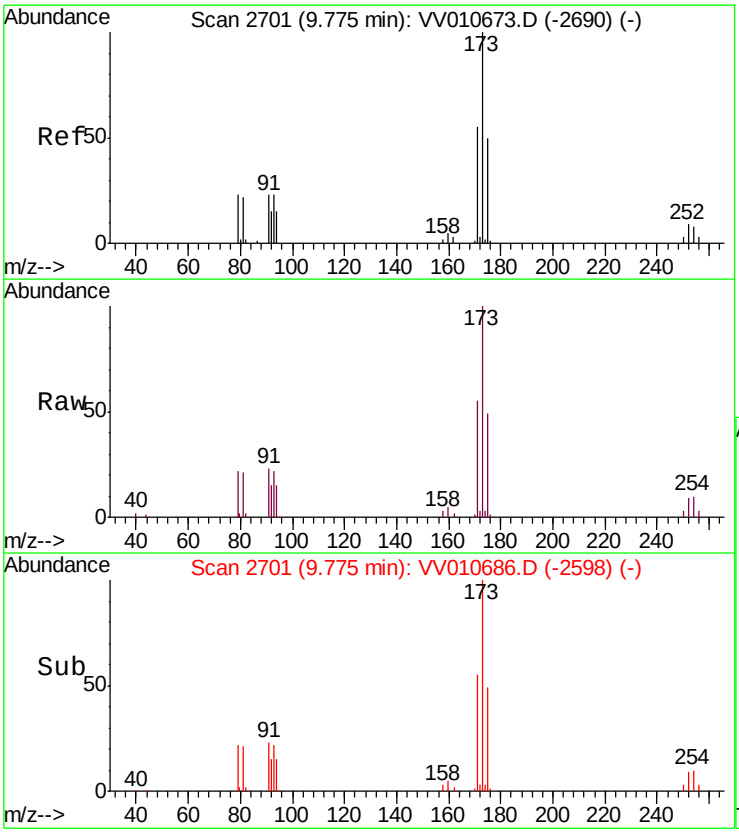



#59
1,2,3-Trichloropropane
Concen: 25.880 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 75 Resp: 51467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 25.6 | 38.4 |

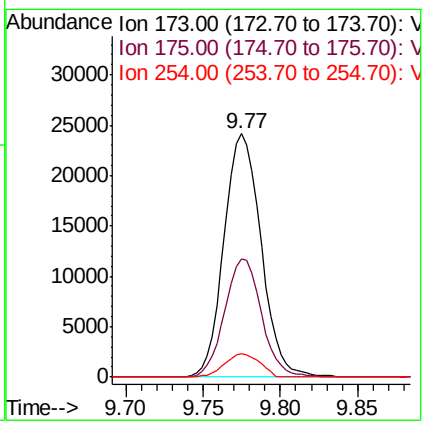


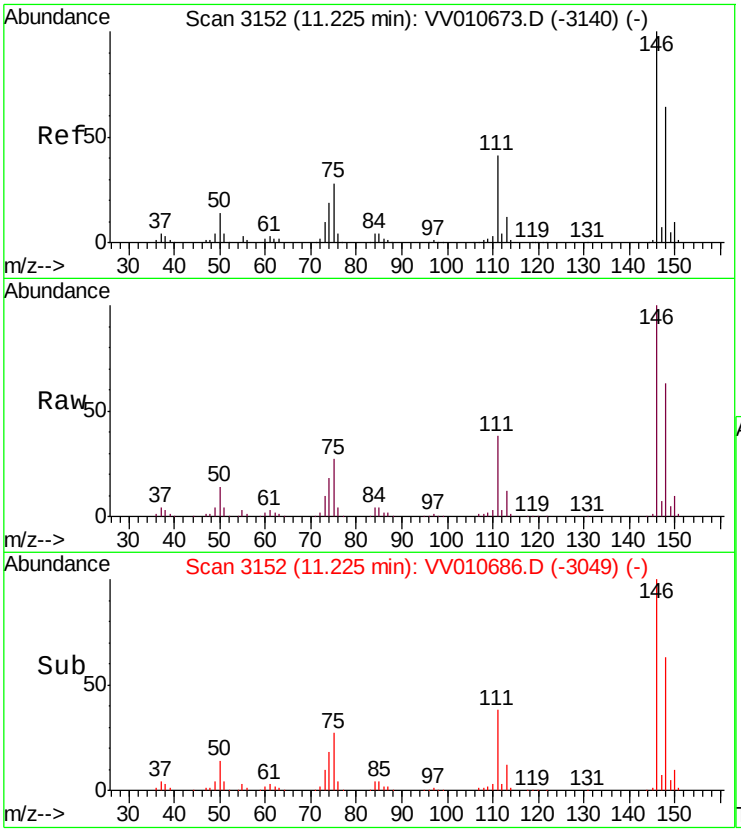




#62
Bromoform
Concen: 27.480 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:173 Resp: 40188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.3 | 37.9 | 56.9 |
| 254 | 9.0 | 5.9 | 8.9# |

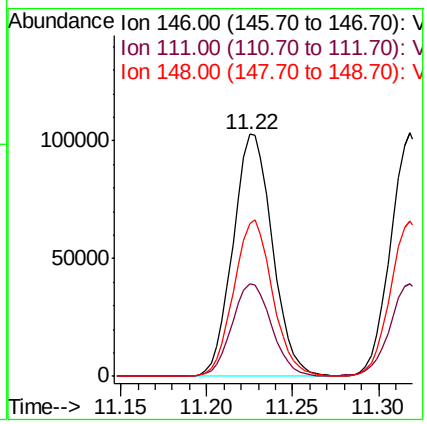


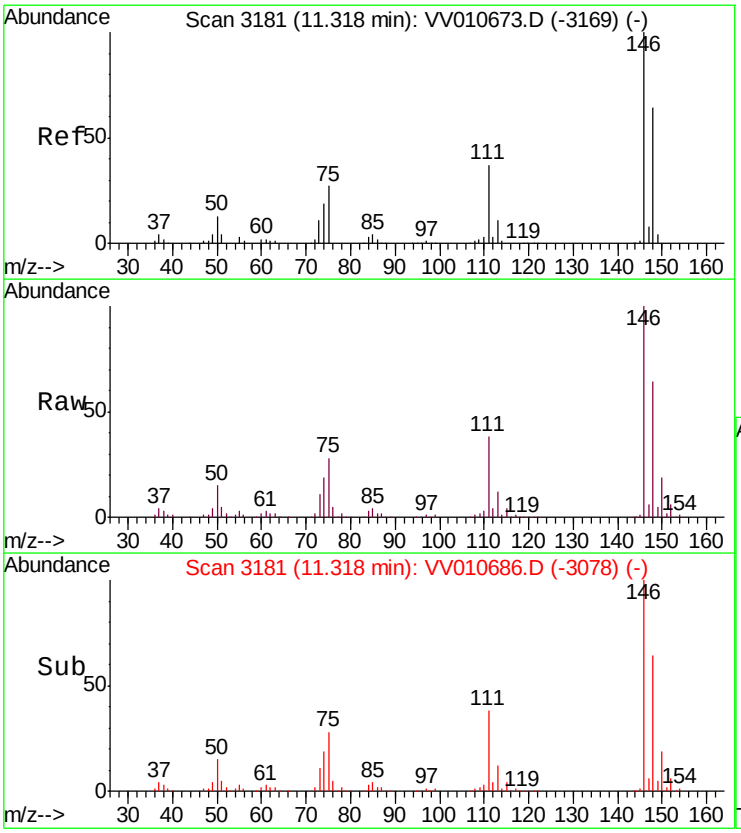



#63
1,3-Dichlorobenzene
Concen: 27.614 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:146 Resp: 164314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.4 | 28.3 | 52.7 |
| 148 | 63.1 | 44.4 | 82.5 |

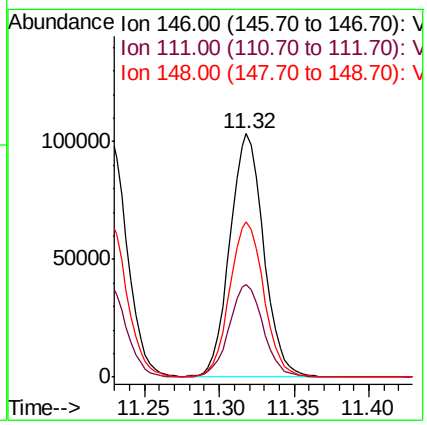


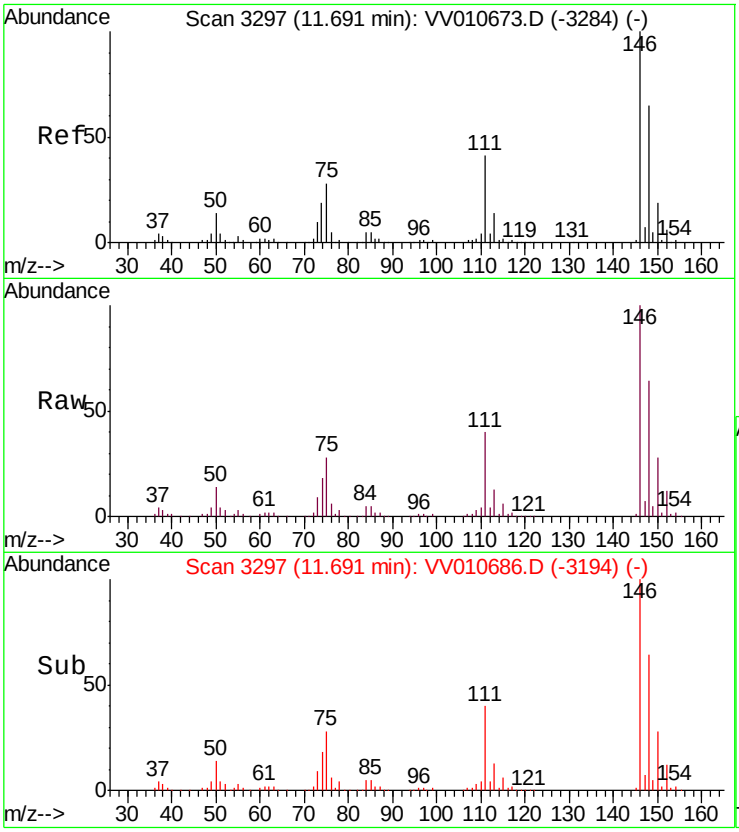




#64
1,4-Dichlorobenzene
Concen: 26.138 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:146 Resp: 162415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 27.6 | 51.4 |
| 148 | 63.7 | 44.0 | 81.8 |

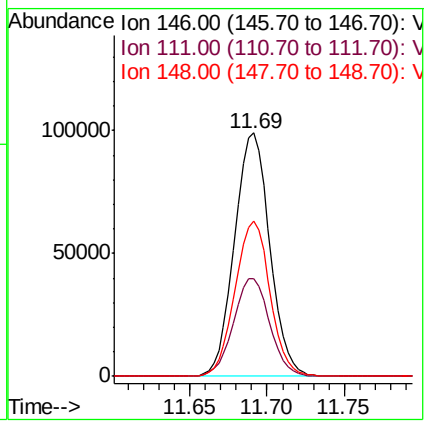


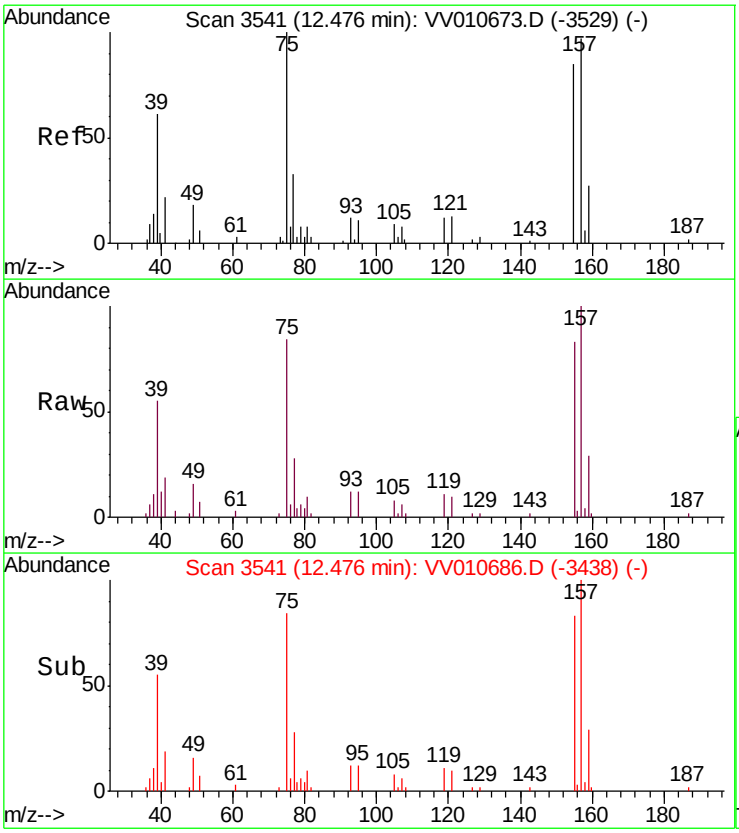



#65
1,2-Dichlorobenzene
Concen: 26.707 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:146 Resp: 156893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.3 | 32.7 | 49.1 |
| 148 | 63.5 | 51.0 | 76.6 |

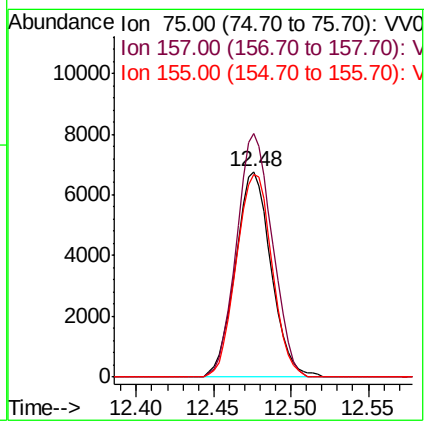


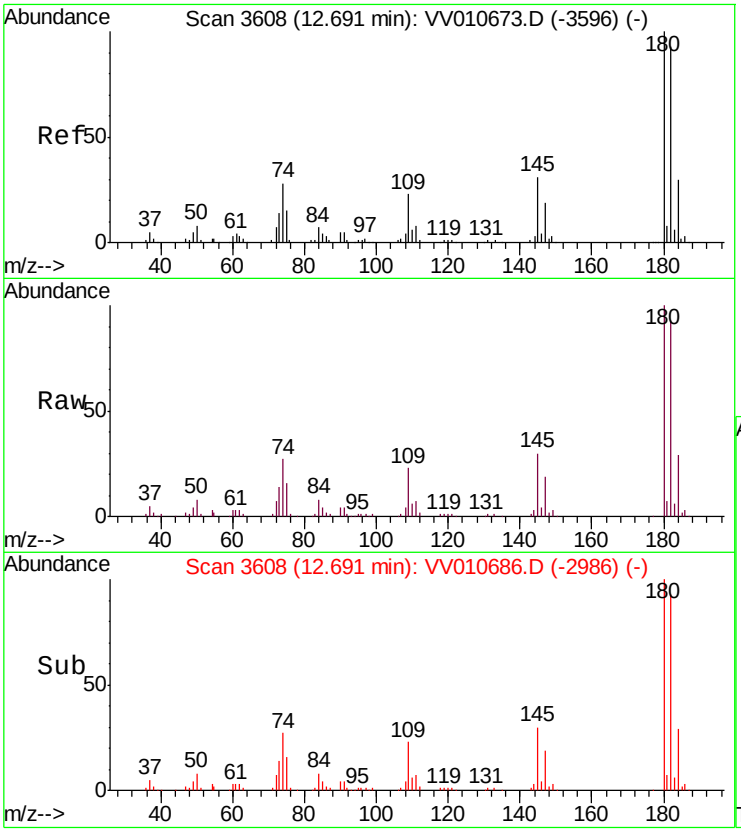




#66
1,2-Dibromo-3-chloropropane
Concen: 25.055 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion: 75 Resp: 10825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 157 | 118.6 | 91.1 | 136.7 |
| 155 | 99.0 | 61.0 | 91.6# |

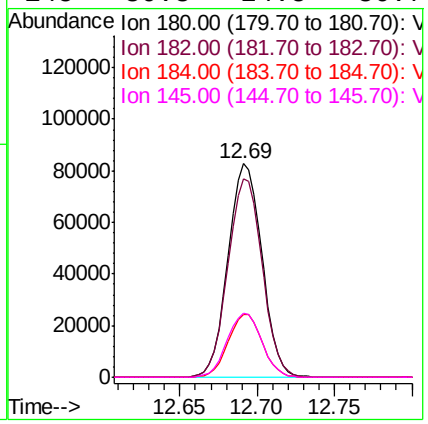


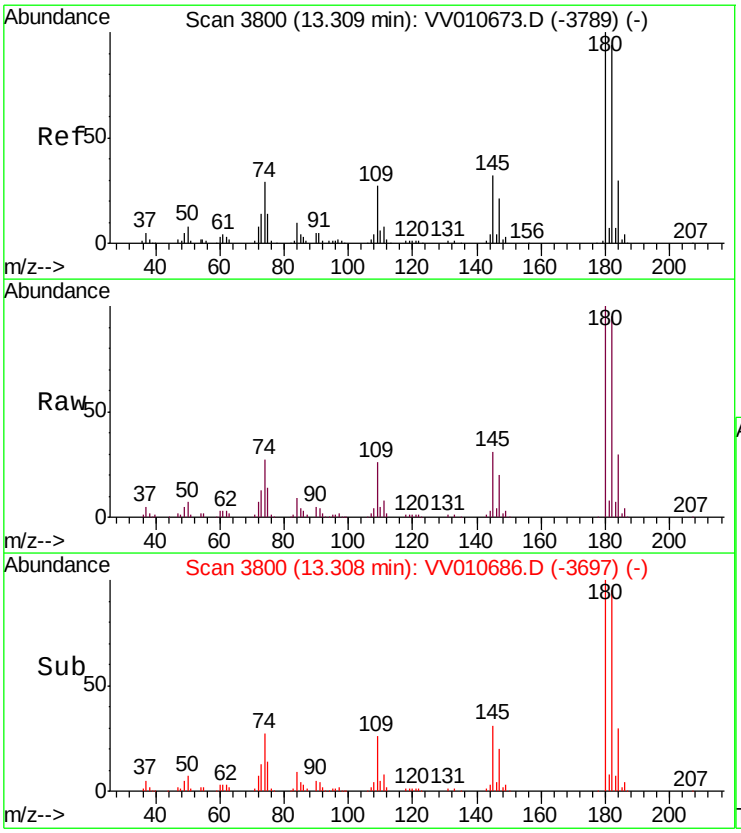



#67
1,3,5-Trichlorobenzene
Concen: 27.502 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:180 Resp: 125645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 75.2 | 112.8 |
| 184 | 29.3 | 23.8 | 35.6 |
| 145 | 30.3 | 24.5 | 36.7 |

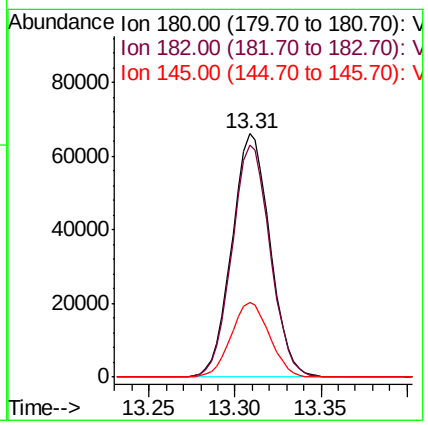


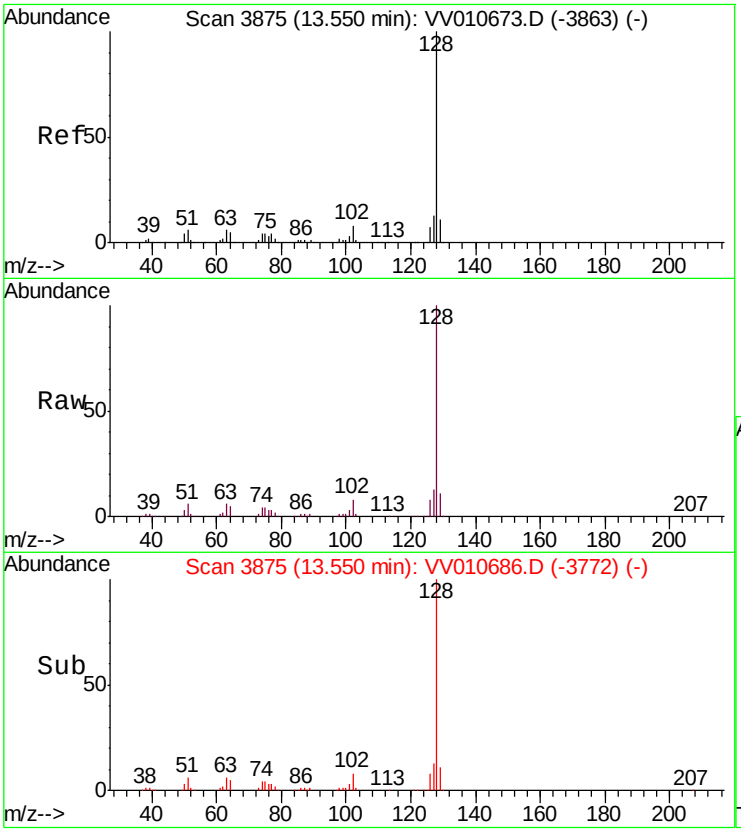




#68
1,2,4-trichlorobenzene
Concen: 29.256 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:180 Resp: 101980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 76.1 | 114.1 |
| 145 | 31.0 | 26.0 | 39.0 |

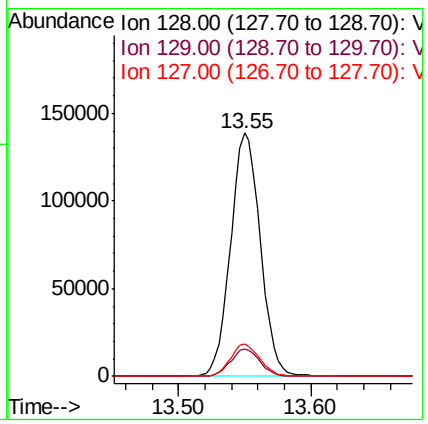


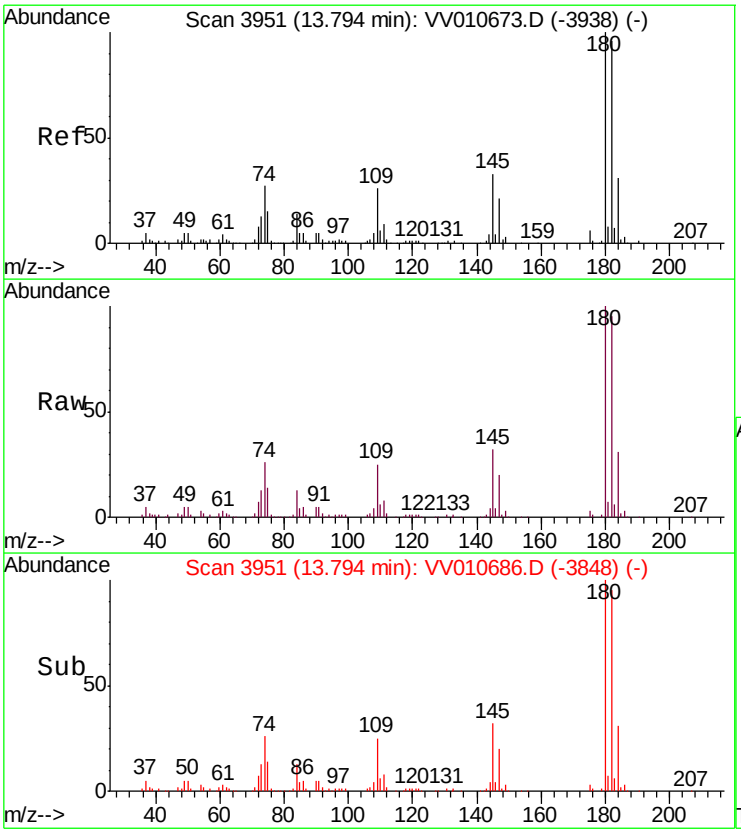



#69
Naphthalene
Concen: 32.452 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:128 Resp: 216289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.6 | 13.0 |
| 127 | 13.0 | 10.6 | 15.8 |




#70
1,2,3-Trichlorobenzene
Concen: 29.553 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. -0.00 min
Lab File: VV010686.D
Acq: 06 May 2019 21:06

Tgt Ion:180 Resp: 97167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 79.0 | 118.6 |
| 145 | 32.4 | 28.2 | 42.4 |