Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041420\
Data File : VY002301.D
Acq On : 14 Apr 2020 12:28
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Quant Time: Apr 15 05:32:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 170556 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 304967 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 272941 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152 | 125829 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.15 | 65 | 78005 | 41.13 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 82.26% | | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 82159 | 45.28 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.56% | | | | |
| 50) Toluene-d8 | 10.18 | 98 | 346481 | 45.62 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.24% | | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 113387 | 45.25 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.50% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.91 | 85 | 31270 | 18.141 | ug/l | | 95 |
| 3) Chloromethane | 2.12 | 50 | 40335 | 18.592 | ug/l | | 98 |
| 4) Vinyl Chloride | 2.26 | 62 | 42401 | 18.363 | ug/l | | 98 |
| 5) Bromomethane | 2.65 | 94 | 27463 | 19.260 | ug/l | | 98 |
| 6) Chloroethane | 2.79 | 64 | 24198 | 18.171 | ug/l | | 92 |
| 7) Trichlorofluoromethane | 3.13 | 101 | 56439 | 18.926 | ug/l | | 97 |
| 8) Diethyl Ether | 3.54 | 74 | 24838 | 19.592 | ug/l | | 94 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 39979 | 19.736 | ug/l | | 99 |
| 10) Methyl Iodide | 4.10 | 142 | 42480 | 18.041 | ug/l | | 98 |
| 11) Tert butyl alcohol | 4.97 | 59 | 22194 | 88.168 | ug/l | # | 86 |
| 12) 1,1-Dichloroethene | 3.88 | 96 | 40812 | 19.817 | ug/l | | 90 |
| 13) Acrolein | 3.74 | 56 | 19516 | 79.802 | ug/l | | 99 |
| 14) Allyl chloride | 4.49 | 41 | 57977 | 17.434 | ug/l | | 97 |
| 15) Acrylonitrile | 5.18 | 53 | 57920 | 89.342 | ug/l | | 100 |
| 16) Acetone | 3.96 | 43 | 45297 | 90.674 | ug/l | | 94 |
| 17) Carbon Disulfide | 4.20 | 76 | 132725 | 19.406 | ug/l | | 97 |
| 18) Methyl Acetate | 4.49 | 43 | 27260 | 17.592 | ug/l | | 93 |
| 19) Methyl tert-butyl Ether | 5.24 | 73 | 100449 | 18.553 | ug/l | | 98 |
| 20) Methylene Chloride | 4.72 | 84 | 47945 | 19.526 | ug/l | | 95 |
| 21) trans-1,2-Dichloroethene | 5.23 | 96 | 45302 | 19.598 | ug/l | | 96 |
| 22) Diisopropyl ether | 6.13 | 45 | 122598 | 18.318 | ug/l | | 98 |
| 23) Vinyl Acetate | 6.07 | 43 | 375213 | 87.976 | ug/l | | 98 |
| 24) 1,1-Dichloroethane | 6.03 | 63 | 72964 | 19.167 | ug/l | | 97 |
| 25) 2-Butanone | 7.00 | 43 | 68584 | 86.752 | ug/l | | 97 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 58886 | 18.492 | ug/l | | 98 |
| 27) cis-1,2-Dichloroethene | 7.00 | 96 | 48768 | 19.354 | ug/l | | 96 |
| 28) Bromochloromethane | 7.35 | 49 | 31179 | 18.974 | ug/l | | 94 |
| 29) Tetrahydrofuran | 7.36 | 42 | 44021 | 84.236 | ug/l | | 97 |
| 30) Chloroform | 7.52 | 83 | 68555 | 19.105 | ug/l | | 98 |
| 31) Cyclohexane | 7.79 | 56 | 73794 | 18.468 | ug/l | # | 89 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 56748 | 19.000 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 7.93 | 75 | 58502 | 19.475 | ug/l | | 99 |
| 37) Ethyl Acetate | 7.08 | 43 | 29933 | 17.443 | ug/l | | 96 |
| 38) Carbon Tetrachloride | 7.91 | 117 | 49605 | 19.306 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041420\
Data File : VY002301.D
Acq On : 14 Apr 2020 12:28
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Quant Time: Apr 15 05:32:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 78116 | 19.117 | ug/l | | 93 |
| 40) Benzene | 8.17 | 78 | 179443 | 19.689 | ug/l | | 98 |
| 41) Methacrylonitrile | 7.36 | 41 | 37707 | 37.248 | ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.24 | 62 | 41073 | 18.193 | ug/l | | 97 |
| 43) Isopropyl Acetate | 8.28 | 43 | 53495 | 17.093 | ug/l | | 98 |
| 44) Trichloroethene | 8.94 | 130 | 51287 | 19.141 | ug/l | | 91 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 43392 | 19.189 | ug/l | | 100 |
| 46) Dibromomethane | 9.31 | 93 | 22429 | 18.970 | ug/l | | 97 |
| 47) Bromodichloromethane | 9.50 | 83 | 52007 | 19.170 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.30 | 41 | 24584 | 17.518 | ug/l | | 96 |
| 49) 1,4-Dioxane | 9.31 | 88 | 6357 | 380.095 | ug/l | | 95 |
| 51) 4-Methyl-2-Pentanone | 10.08 | 43 | 148314 | 90.944 | ug/l | | 99 |
| 52) Toluene | 10.25 | 92 | 108657 | 19.783 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 55283 | 18.703 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 9.93 | 75 | 67057 | 18.870 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.65 | 97 | 33230 | 19.197 | ug/l | | 98 |
| 56) Ethyl methacrylate | 10.52 | 69 | 46448 | 18.801 | ug/l | | 93 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 56949 | 18.718 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.78 | 63 | 117192 | 91.602 | ug/l | | 99 |
| 59) 2-Hexanone | 10.83 | 43 | 98527 | 87.050 | ug/l | | 98 |
| 60) Dibromochloromethane | 10.99 | 129 | 35459 | 19.211 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.10 | 107 | 31062 | 18.849 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.72 | 164 | 54127 | 19.615 | ug/l | | 98 |
| 65) Chlorobenzene | 11.52 | 112 | 111856 | 19.715 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.60 | 131 | 37048 | 19.778 | ug/l | | 99 |
| 67) Ethyl Benzene | 11.60 | 91 | 205283 | 19.764 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.70 | 106 | 154337 | 39.673 | ug/l | | 99 |
| 69) o-Xylene | 12.03 | 106 | 71727 | 19.639 | ug/l | | 99 |
| 70) Styrene | 12.05 | 104 | 124385 | 19.630 | ug/l | | 98 |
| 71) Bromoform | 12.21 | 173 | 19335 | 18.981 | ug/l | # | 99 |
| 73) Isopropylbenzene | 12.33 | 105 | 192995 | 19.524 | ug/l | | 99 |
| 74) N-amyl acetate | 12.15 | 43 | 48258 | 17.198 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 12.59 | 83 | 24476 | 20.465 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 49624 | 33.962 | ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 42419 | 19.504 | ug/l | | 95 |
| 78) n-propylbenzene | 12.67 | 91 | 236705 | 19.253 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.76 | 91 | 129232 | 19.342 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 159053 | 19.455 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 14156 | 18.844 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 12.86 | 91 | 133031 | 18.997 | ug/l | | 98 |
| 83) tert-Butylbenzene | 13.08 | 119 | 132332 | 19.324 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105 | 159685 | 19.560 | ug/l | | 100 |
| 85) sec-Butylbenzene | 13.26 | 105 | 198558 | 19.464 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.38 | 119 | 172486 | 19.646 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.37 | 146 | 83334 | 19.771 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.45 | 146 | 82606 | 19.307 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.70 | 91 | 173187 | 19.244 | ug/l | | 99 |
| 90) Hexachloroethane | 13.97 | 117 | 31945 | 19.094 | ug/l | | 96 |
| 91) 1,2-Dichlorobenzene | 13.74 | 146 | 74536 | 19.461 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 5231 | 18.084 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041420\
Data File : VY002301.D
Acq On : 14 Apr 2020 12:28
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Quant Time: Apr 15 05:32:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180 | 47155 | 18.837 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.12 | 225 | 24578 | 19.493 | ug/l | 100 |
| 95) Naphthalene | 15.24 | 128 | 99571 | 18.166 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180 | 39855 | 18.335 | ug/l | 99 |

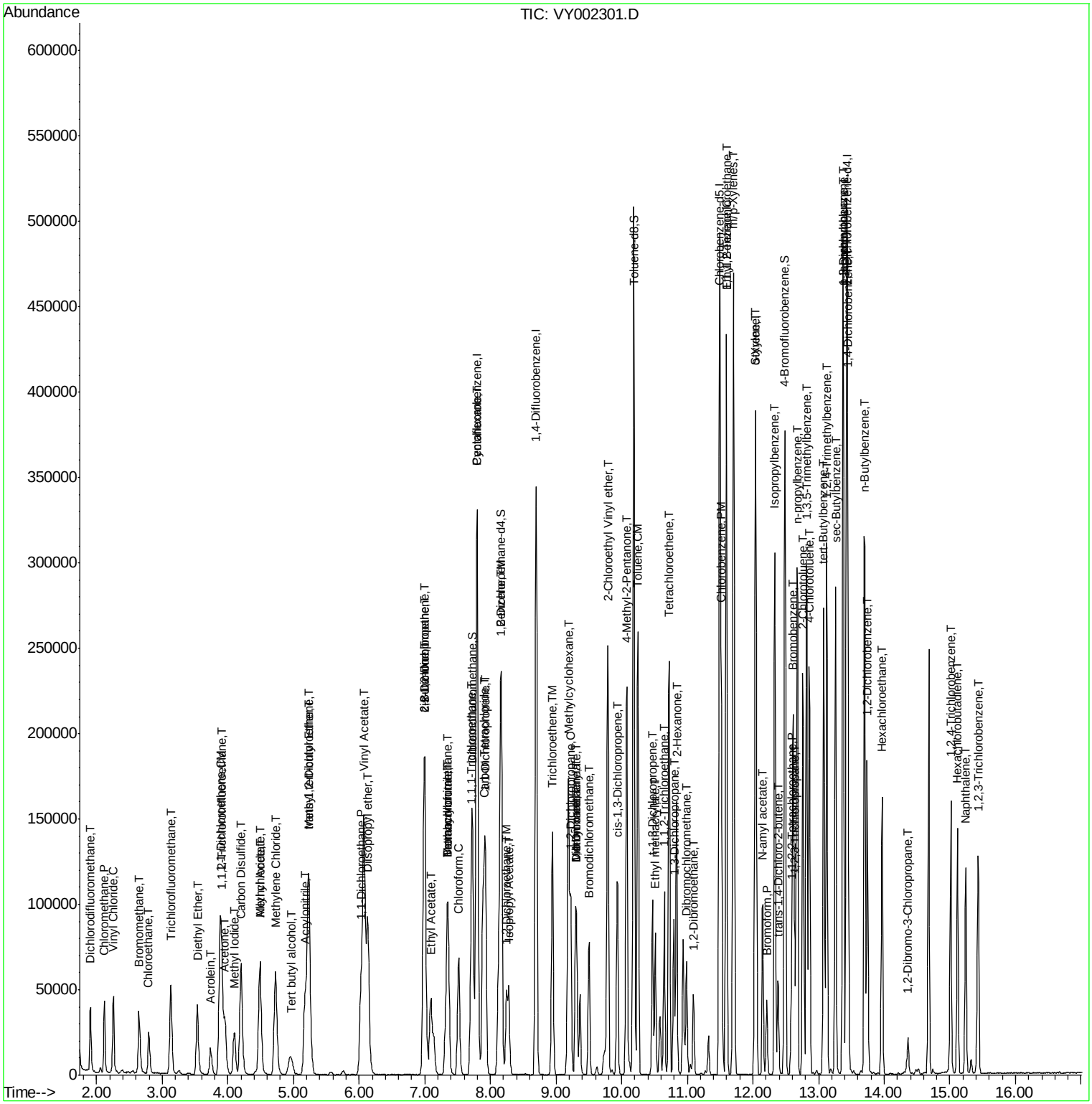
(#) = qualifier out of range (m) = manual integration (+) = signals summed

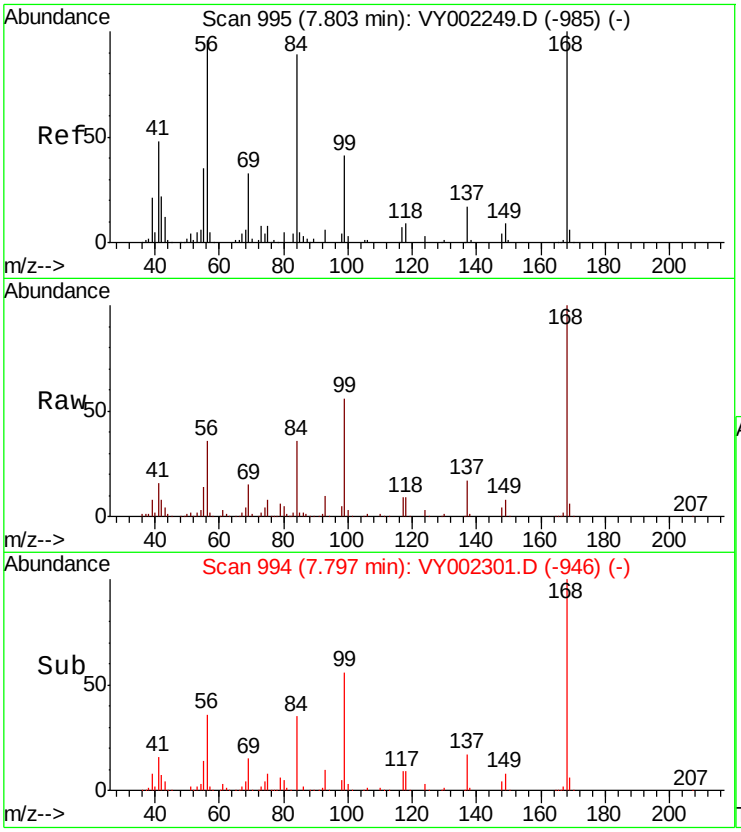
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041420\
Data File : VY002301.D
Acq On : 14 Apr 2020 12:28
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Quant Time: Apr 15 05:32:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration



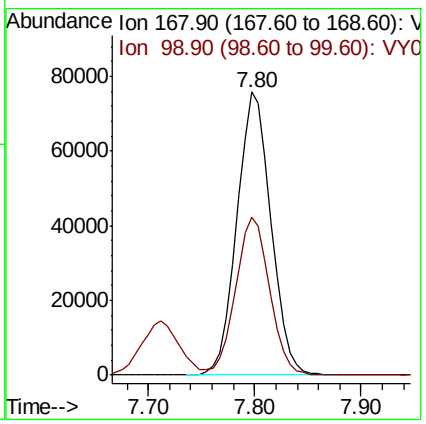


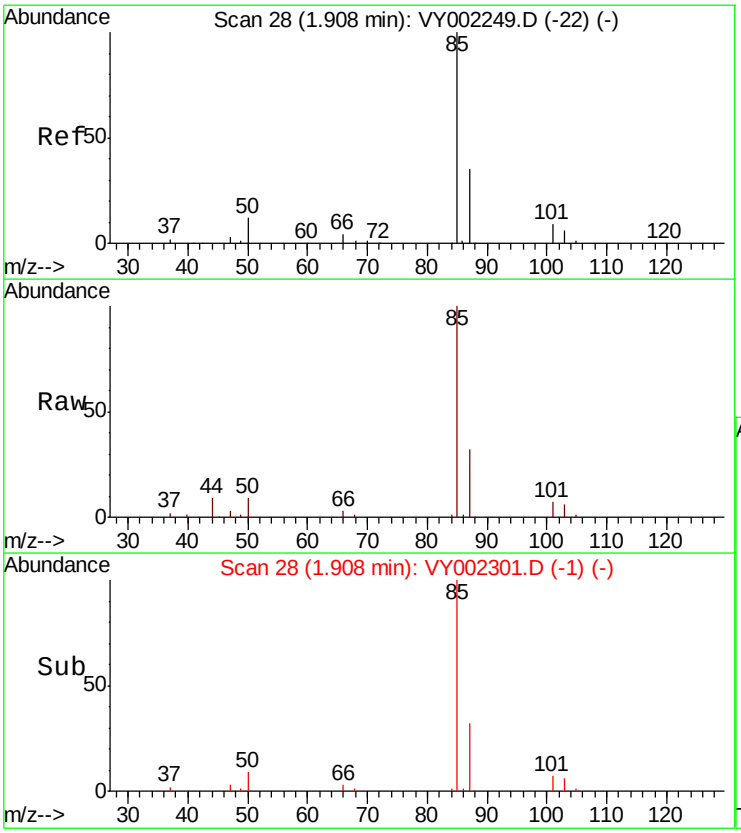

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:168 Resp: 170556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.7 | 48.0 | 72.0 |

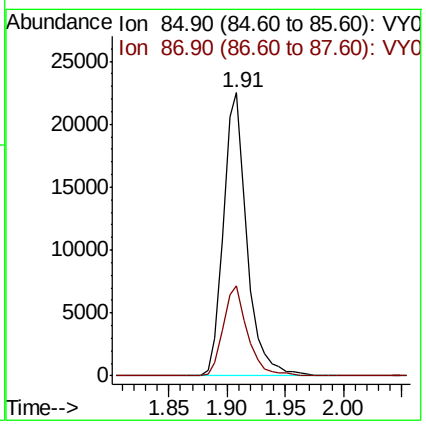


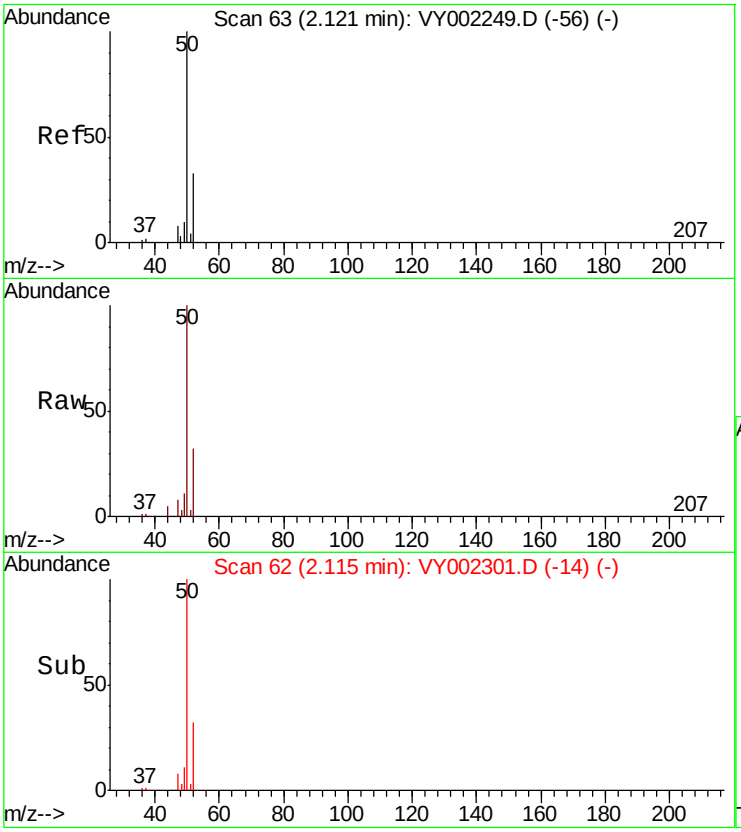




#2
Dichlorodifluoromethane
Concen: 18.141 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 85 Resp: 31270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.7 | 17.3 | 51.9 |



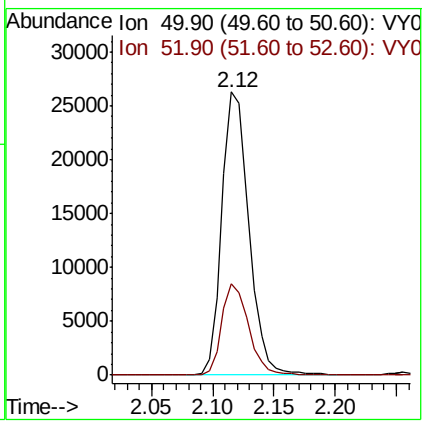


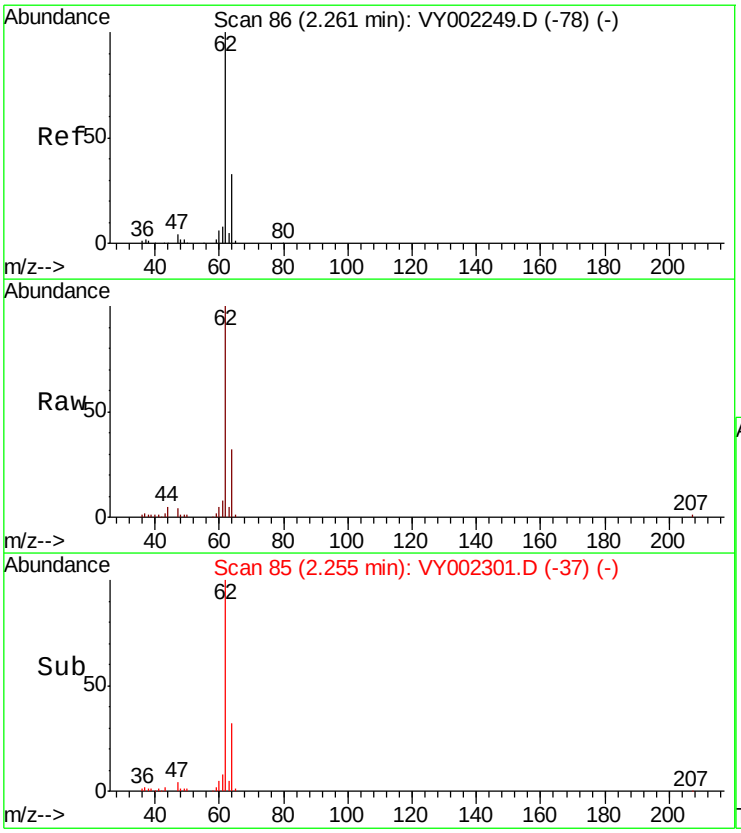

#3
Chloromethane
Concen: 18.592 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 50 Resp: 40335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.3 | 26.6 | 39.8 |

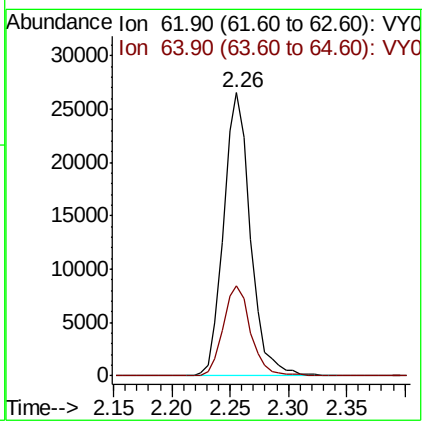


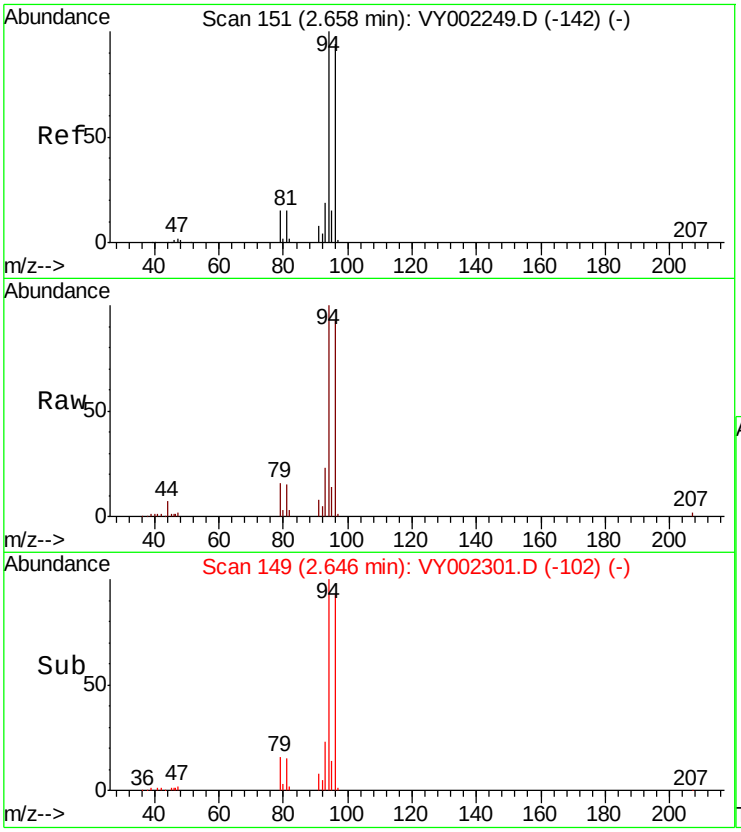




#4
Vinyl Chloride
Concen: 18.363 ug/l
RT: 2.26 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 62 Resp: 42401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.6 | 26.2 | 39.2 |



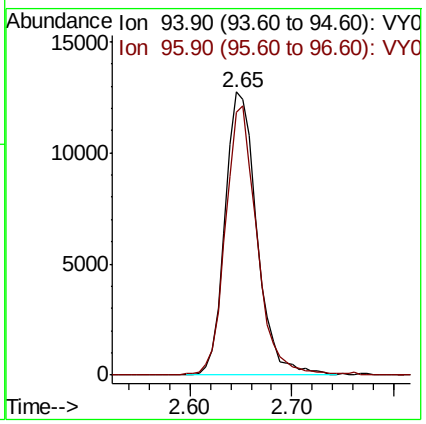


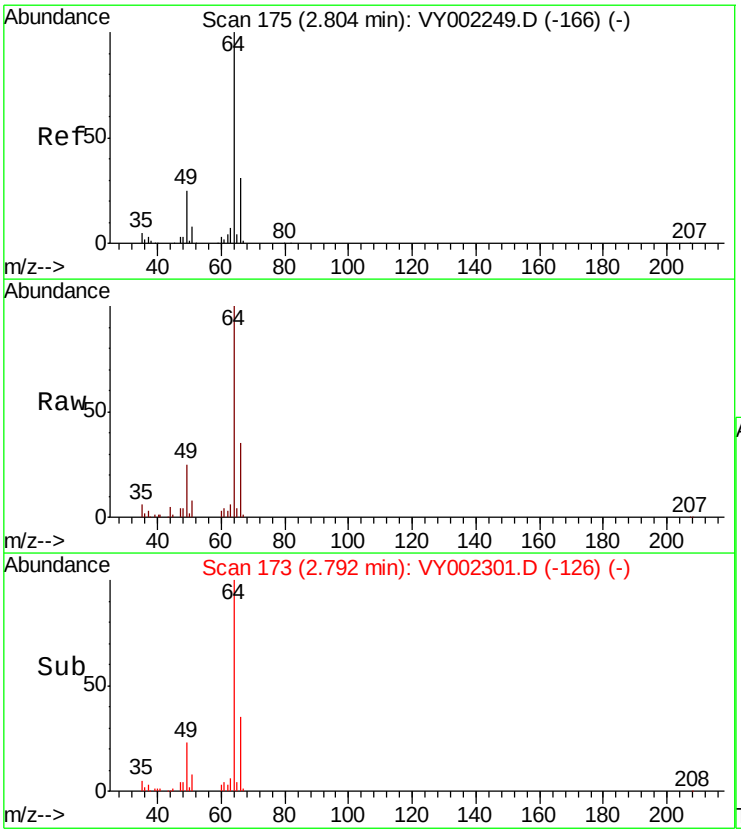

#5
Bromomethane
Concen: 19.260 ug/l
RT: 2.65 min Scan# 149
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 94 Resp: 27463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.5 | 75.6 | 113.4 |

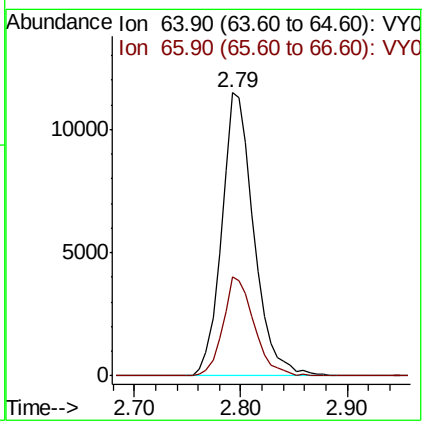


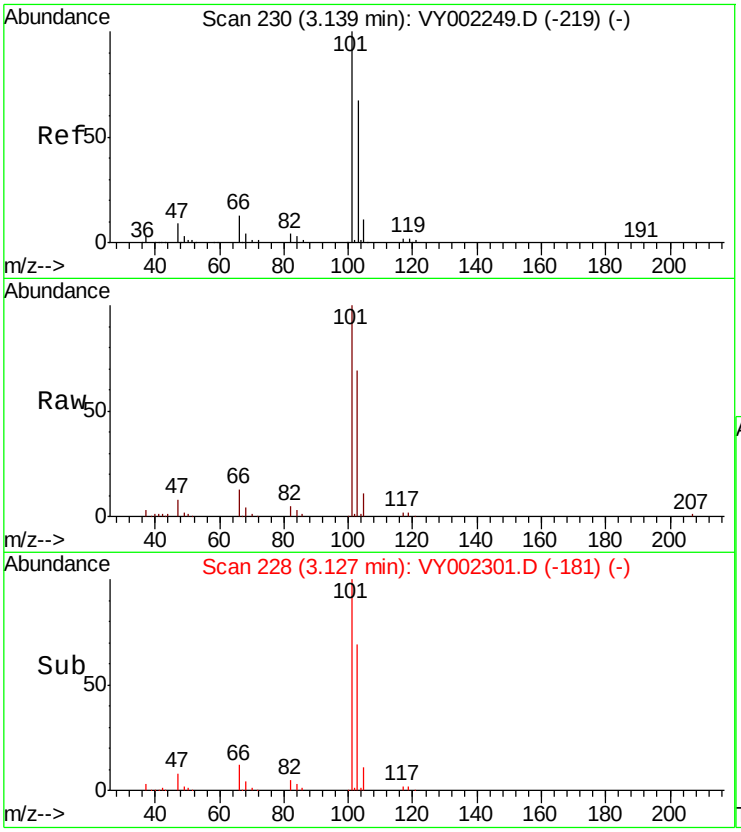




#6
Chloroethane
Concen: 18.171 ug/l
RT: 2.79 min Scan# 173
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 64 Resp: 24198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 35.1 | 24.6 | 37.0 |



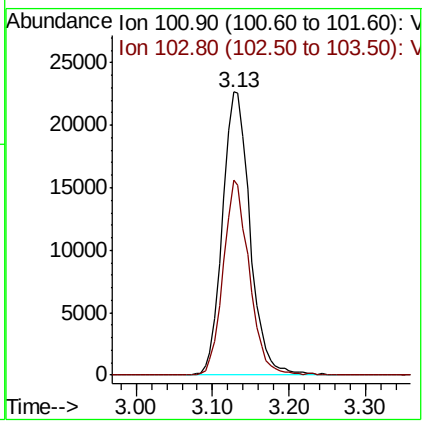


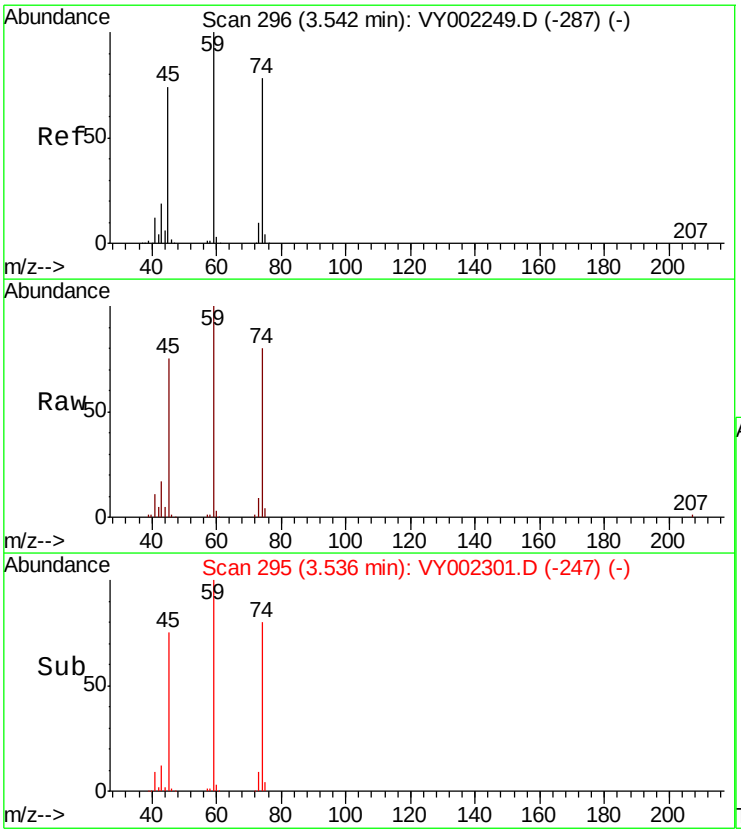

#7
Trichlorofluoromethane
Concen: 18.926 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:101 Resp: 56439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 69.0 | 53.3 | 79.9 |

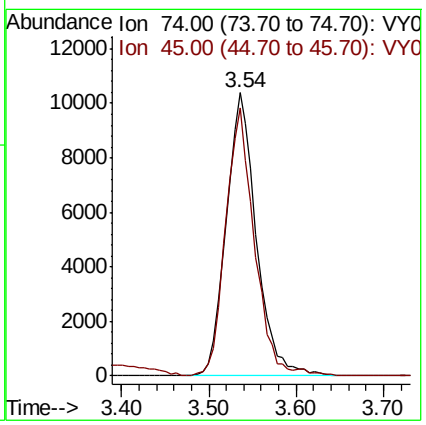


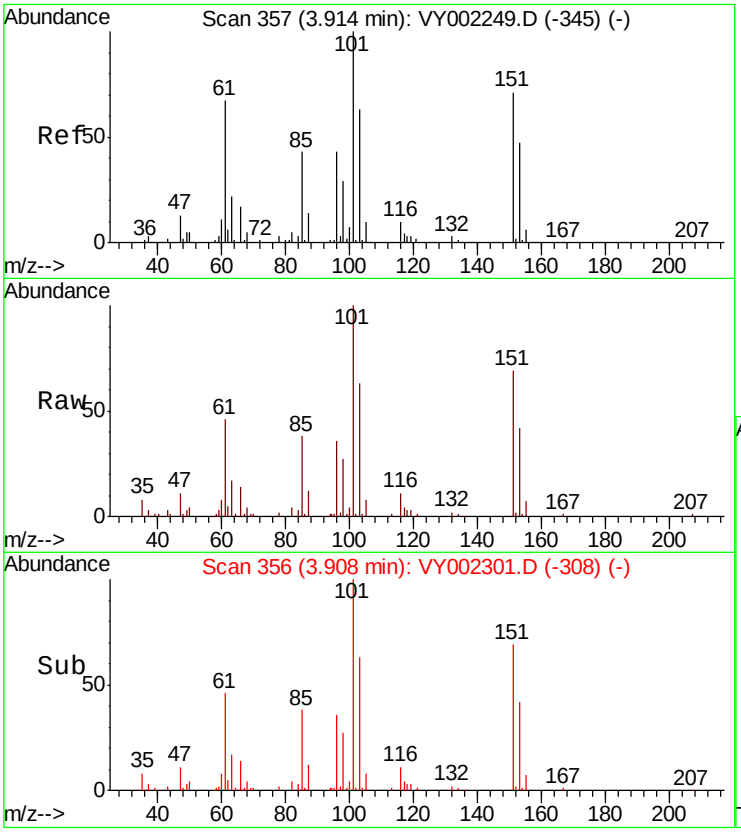




#8
Diethyl Ether
Concen: 19.592 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 74 Resp: 24838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 90.6 | 48.0 | 144.2 |



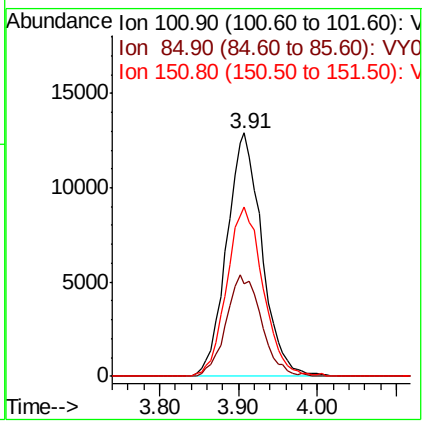


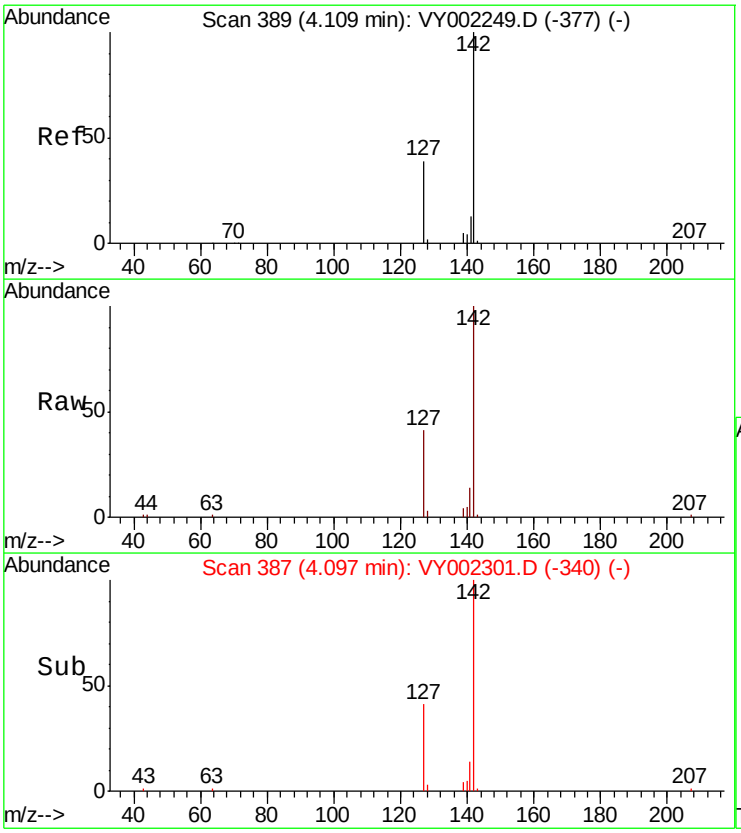

#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.736 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:101 Resp: 39979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.0 | 34.6 | 52.0 |
| 151 | 71.9 | 57.6 | 86.4 |

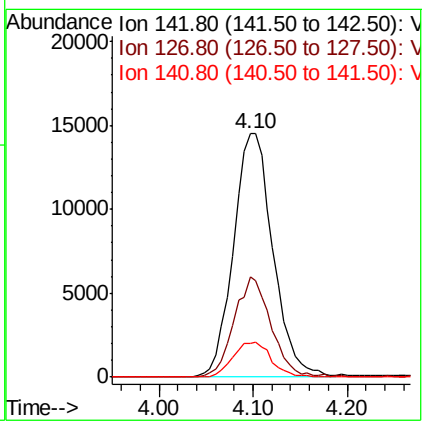


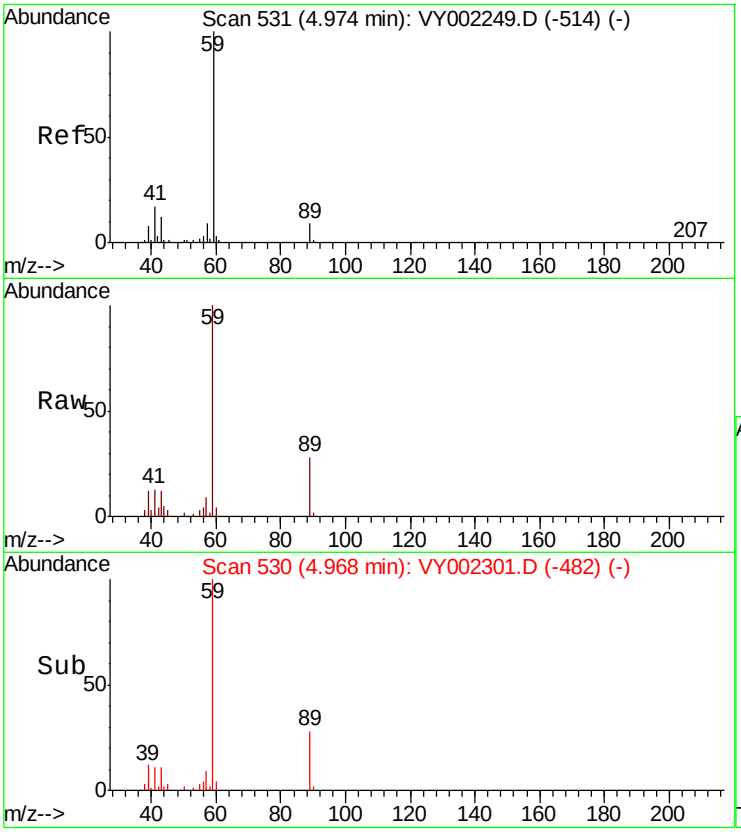




#10
Methyl Iodide
Concen: 18.041 ug/l
RT: 4.10 min Scan# 387
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:142 Resp: 42480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.6 | 32.4 | 48.6 |
| 141 | 13.9 | 11.2 | 16.8 |



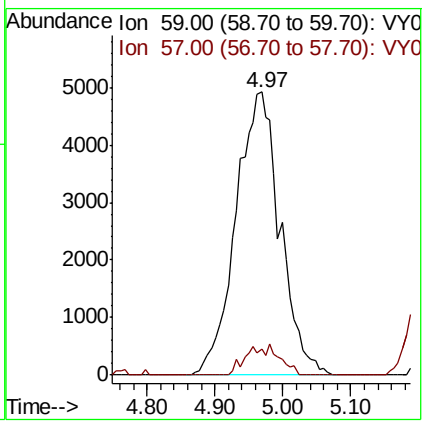


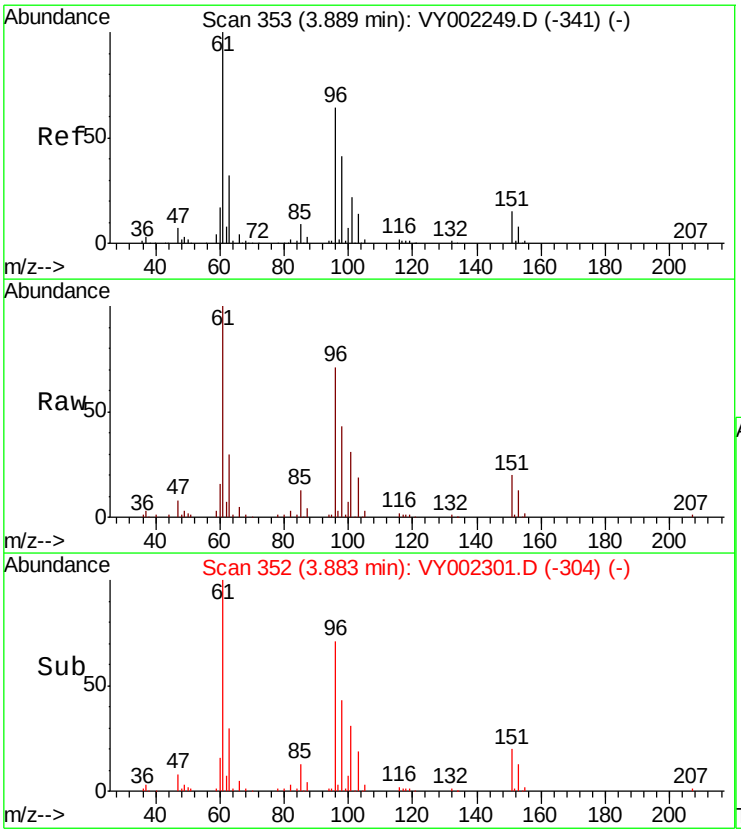

#11
Tert butyl alcohol
Concen: 88.168 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 59 Resp: 22194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 3.4 | 6.6 | 9.8# |

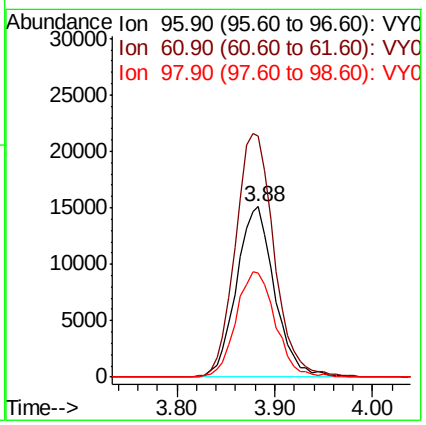


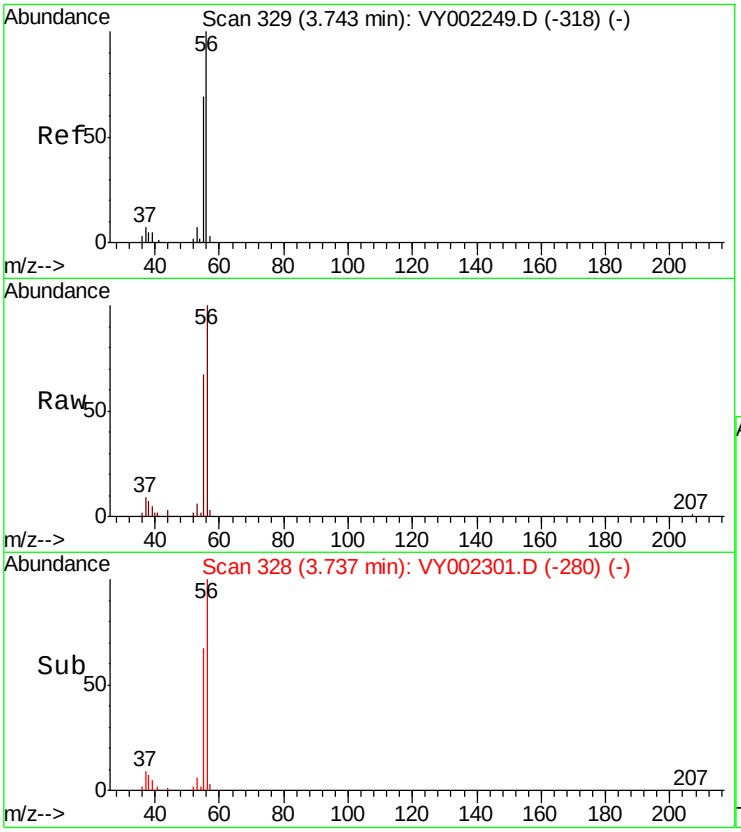




#12
1,1-Dichloroethene
Concen: 19.817 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 96 Resp: 40812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.2 | 125.9 | 188.9 |
| 98 | 61.1 | 51.1 | 76.7 |



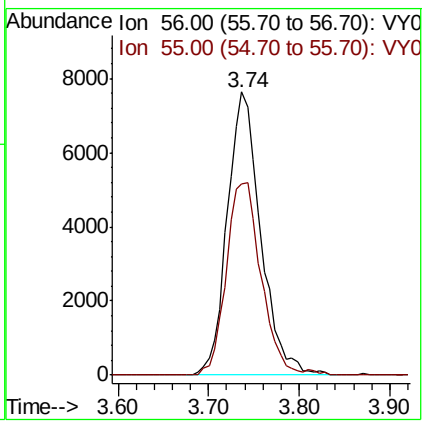


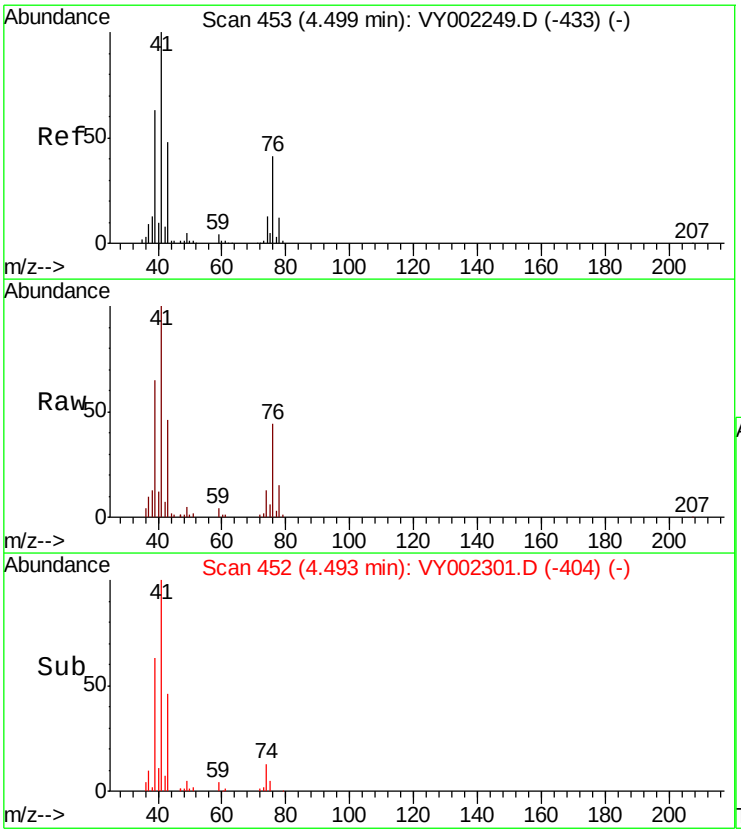

#13
Acrolein
Concen: 79.802 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 56 Resp: 19516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.5 | 55.8 | 83.8 |

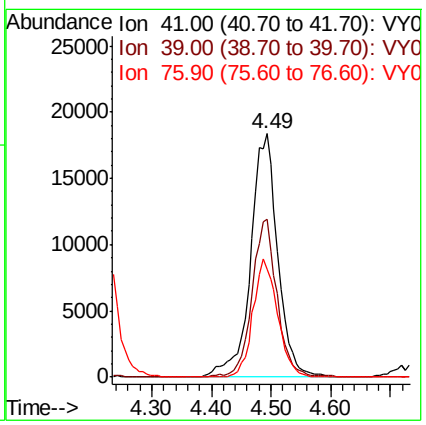


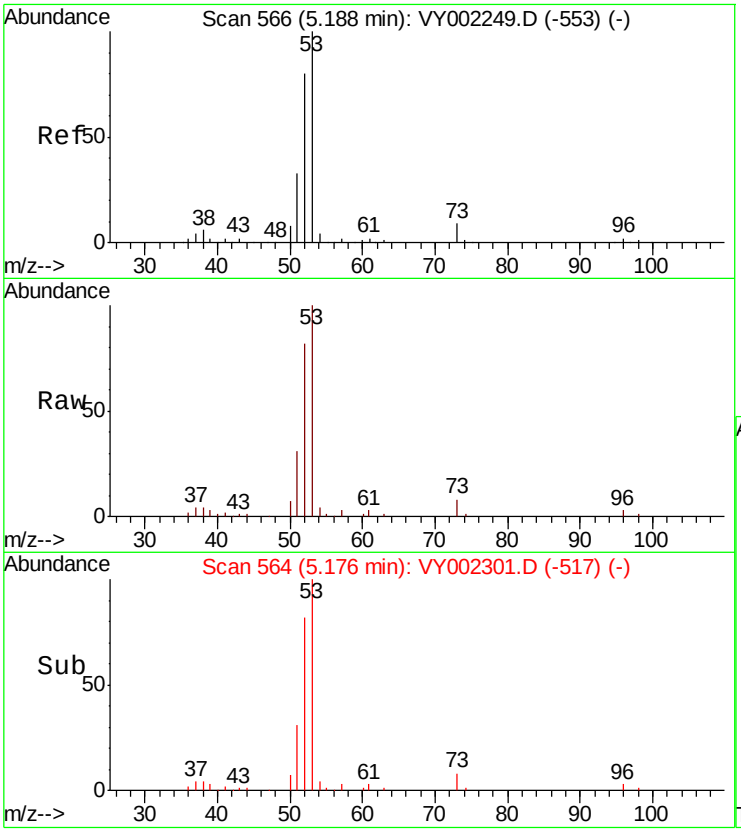




#14
Allyl chloride
Concen: 17.434 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 41 Resp: 57977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.7 | 48.0 | 72.0 |
| 76 | 43.7 | 31.0 | 46.6 |



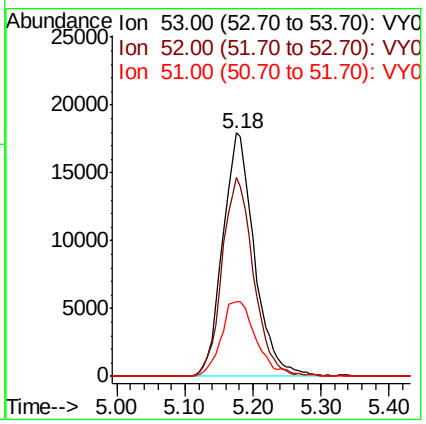


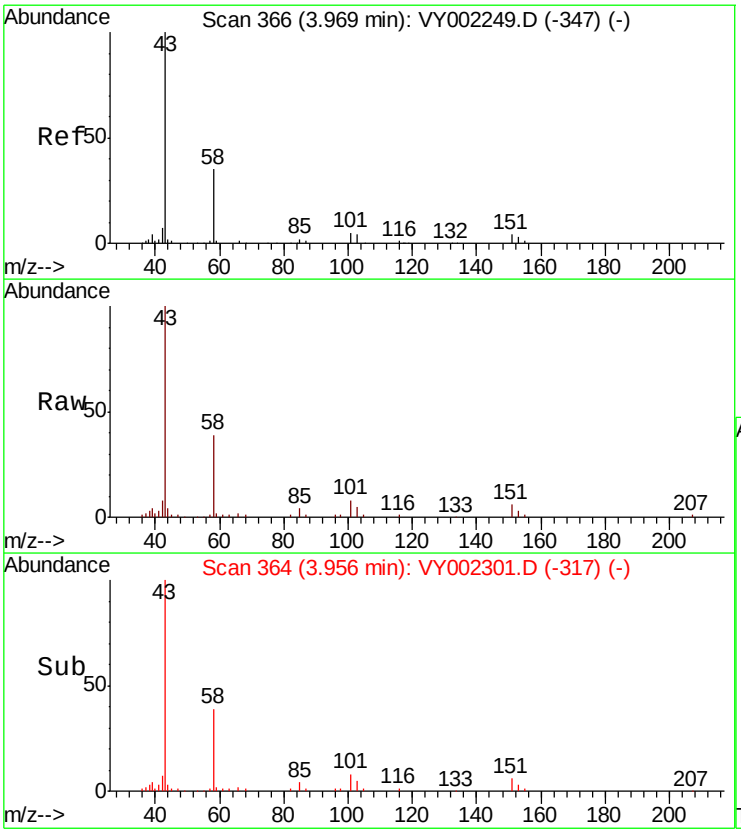

#15
Acrylonitrile
Concen: 89.342 ug/l
RT: 5.18 min Scan# 564
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 53 Resp: 57920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.0 | 65.1 | 97.7 |
| 51 | 33.6 | 27.1 | 40.7 |

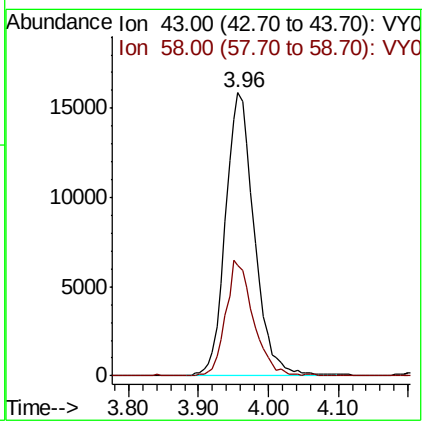


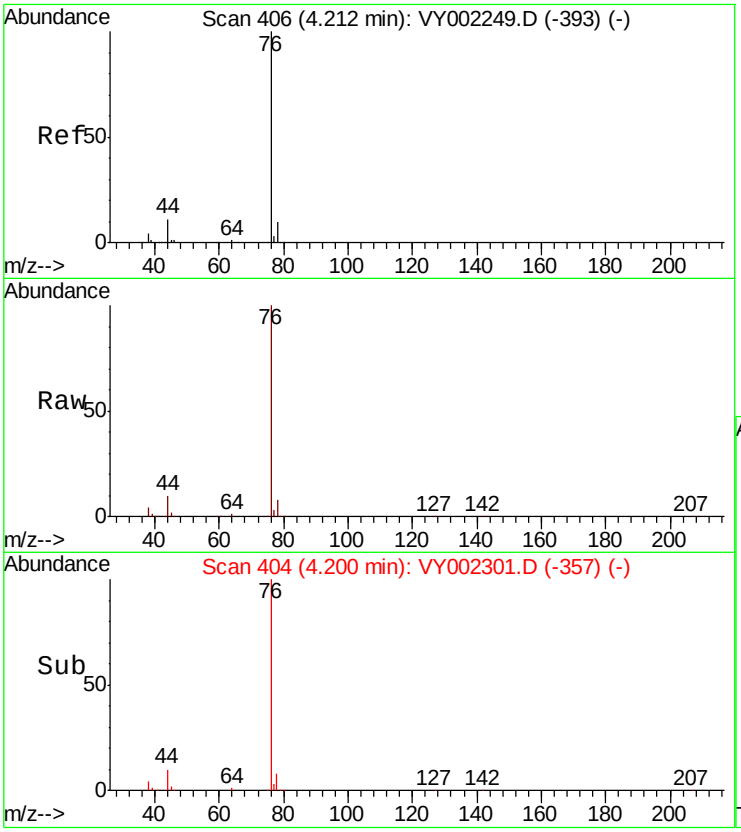




#16
Acetone
Concen: 90.674 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 43 Resp: 45297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.1 | 28.5 | 42.7 |



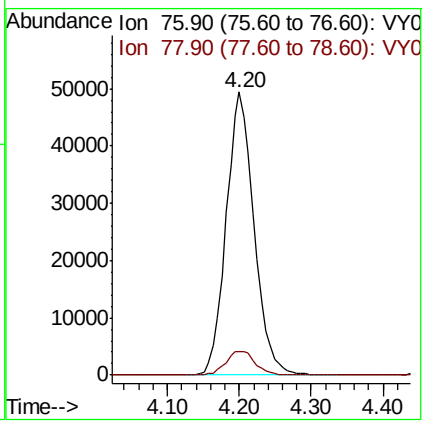


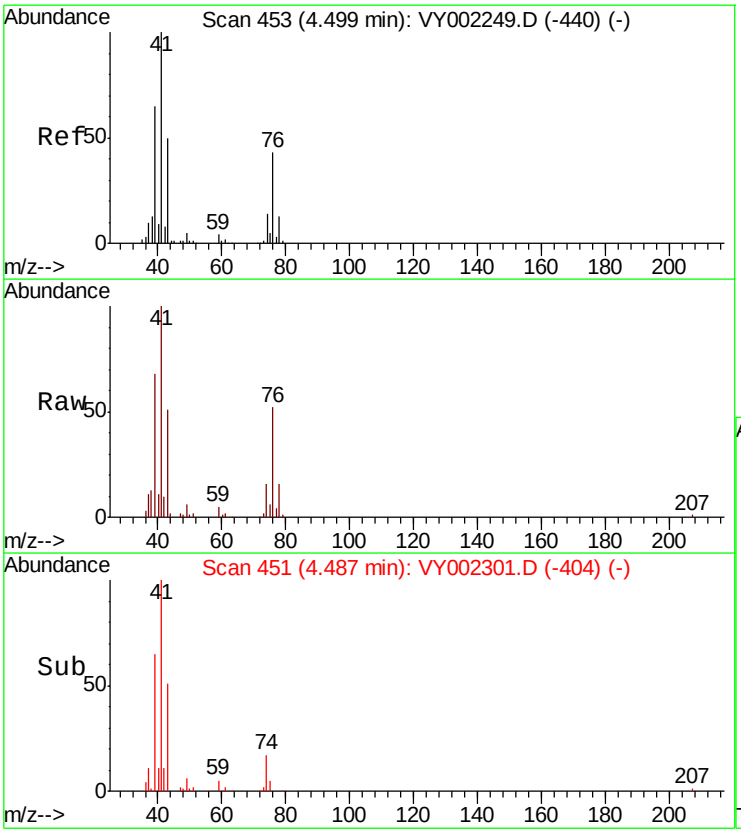

#17
Carbon Disulfide
Concen: 19.406 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 76 Resp: 132725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.5 | 7.7 | 11.5 |

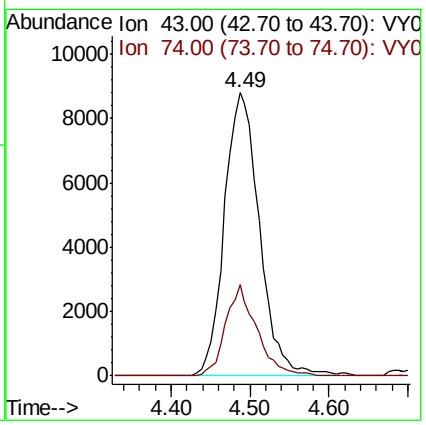


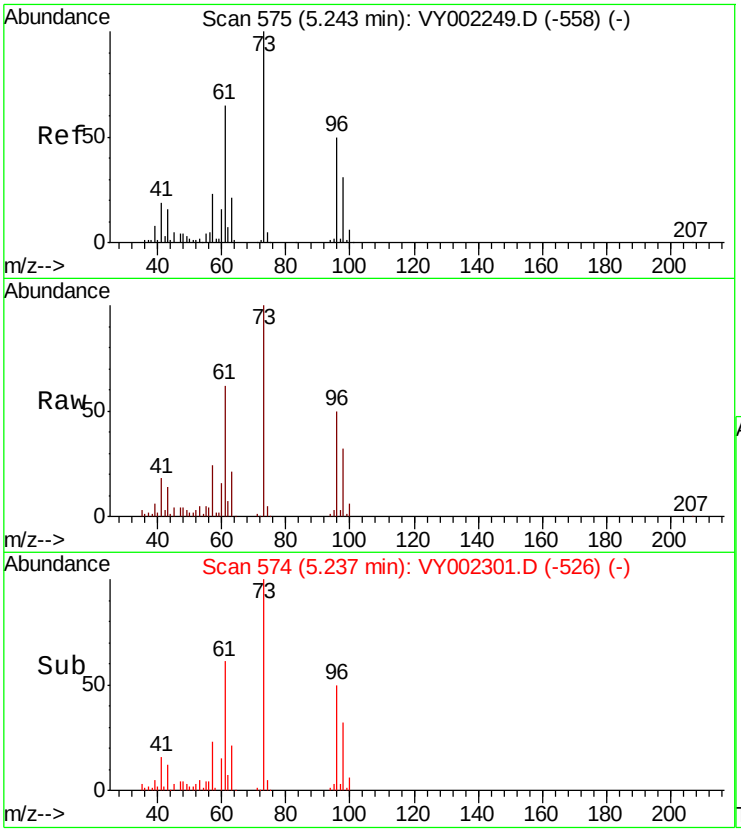




#18
Methyl Acetate
Concen: 17.592 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 43 Resp: 27260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 28.7 | 20.3 | 30.5 |



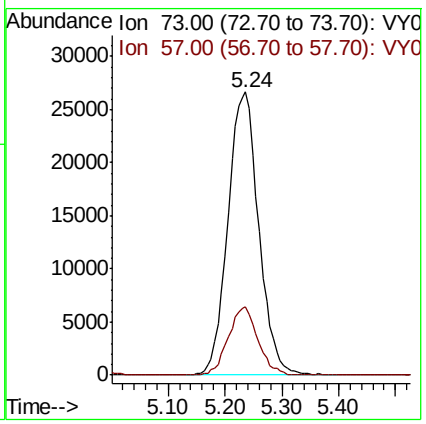


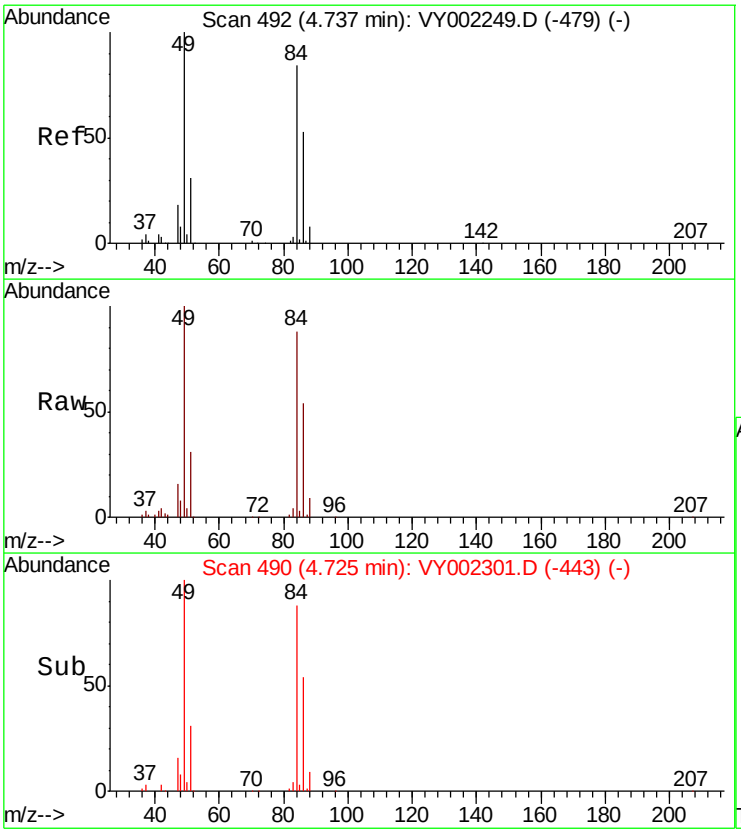

#19
Methyl tert-butyl Ether
Concen: 18.553 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 73 Resp: 100449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.4 | 18.7 | 28.1 |

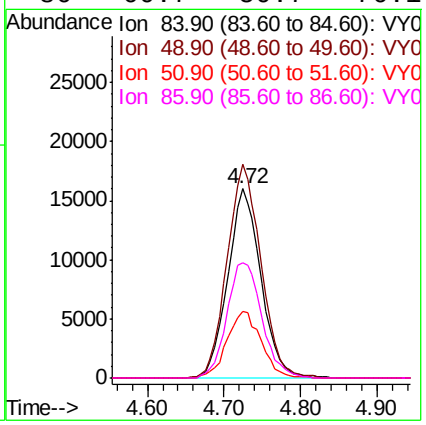


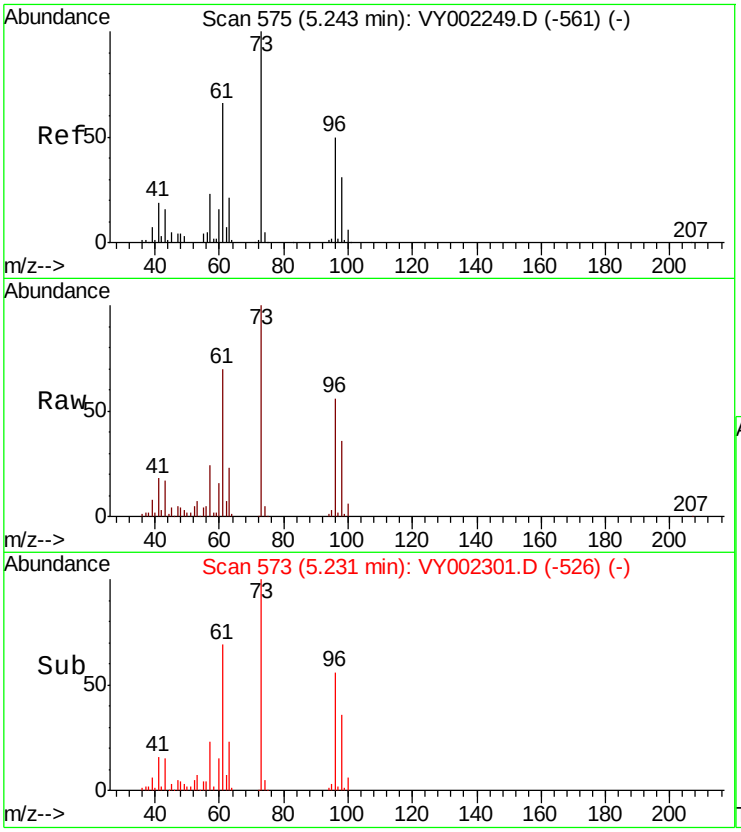




#20
Methylene Chloride
Concen: 19.526 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 84 Resp: 47945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.0 | 95.5 | 143.3 |
| 51 | 34.9 | 29.5 | 44.3 |
| 86 | 60.7 | 50.7 | 76.1 |



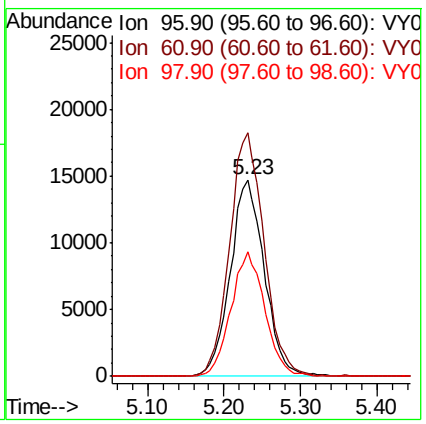


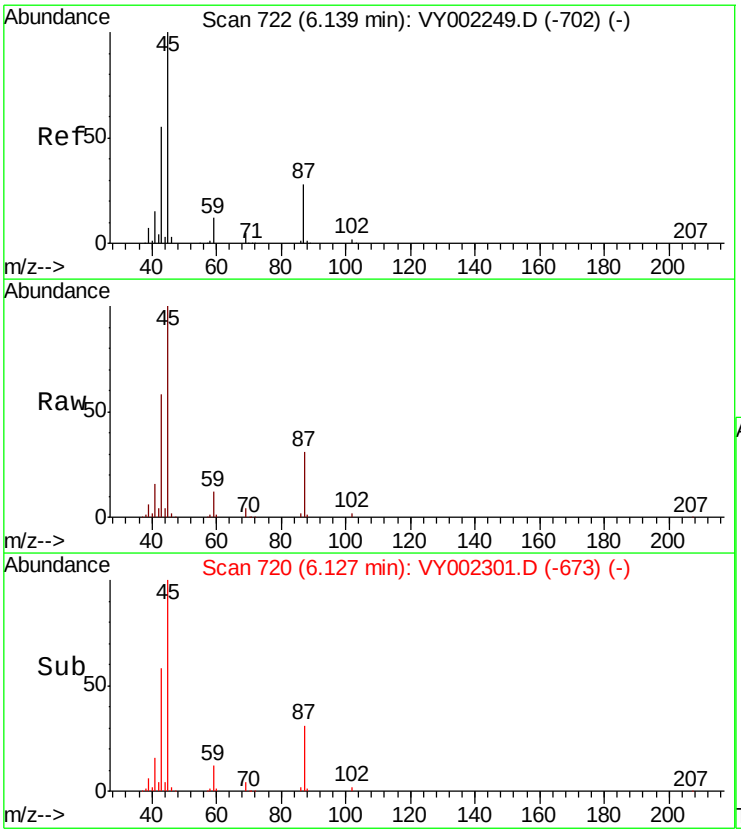

#21
trans-1,2-Dichloroethene
Concen: 19.598 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 96 Resp: 45302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 123.8 | 104.6 | 157.0 |
| 98 | 63.4 | 50.1 | 75.1 |

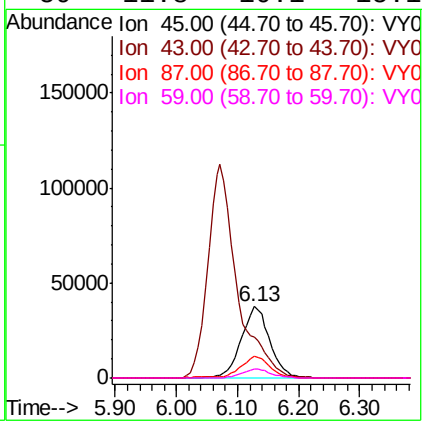


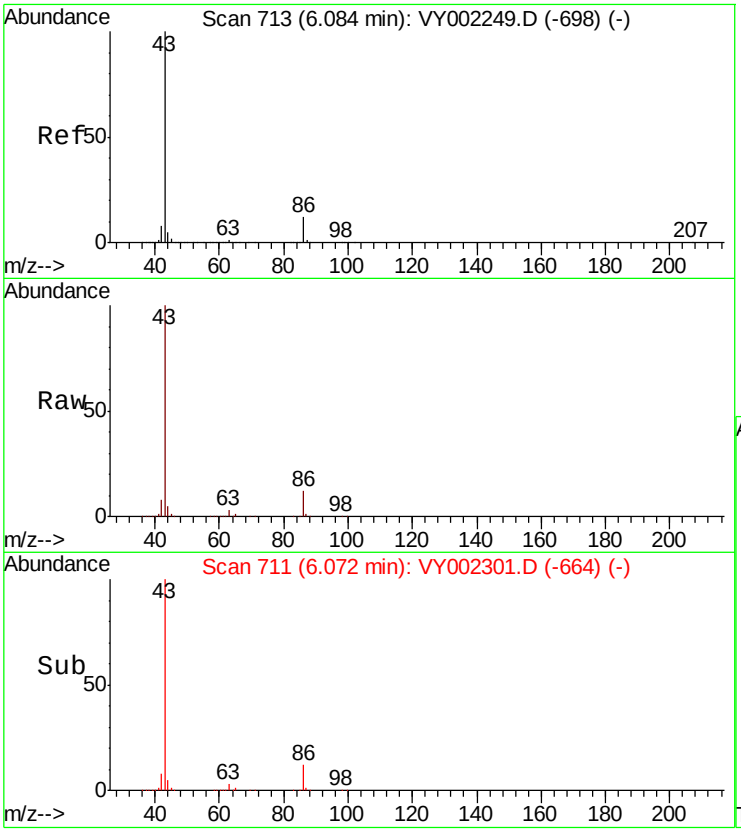




#22
Diisopropyl ether
Concen: 18.318 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 45 Resp: 122598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.4 | 44.7 | 67.1 |
| 87 | 30.6 | 23.0 | 34.4 |
| 59 | 11.8 | 10.1 | 15.1 |



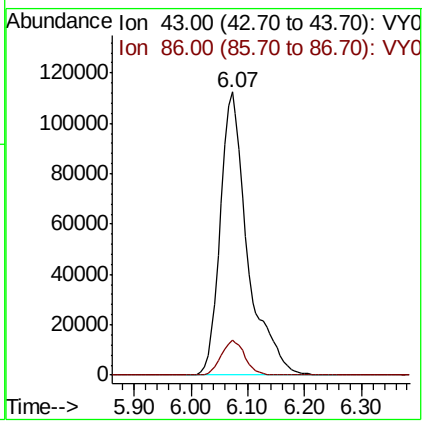


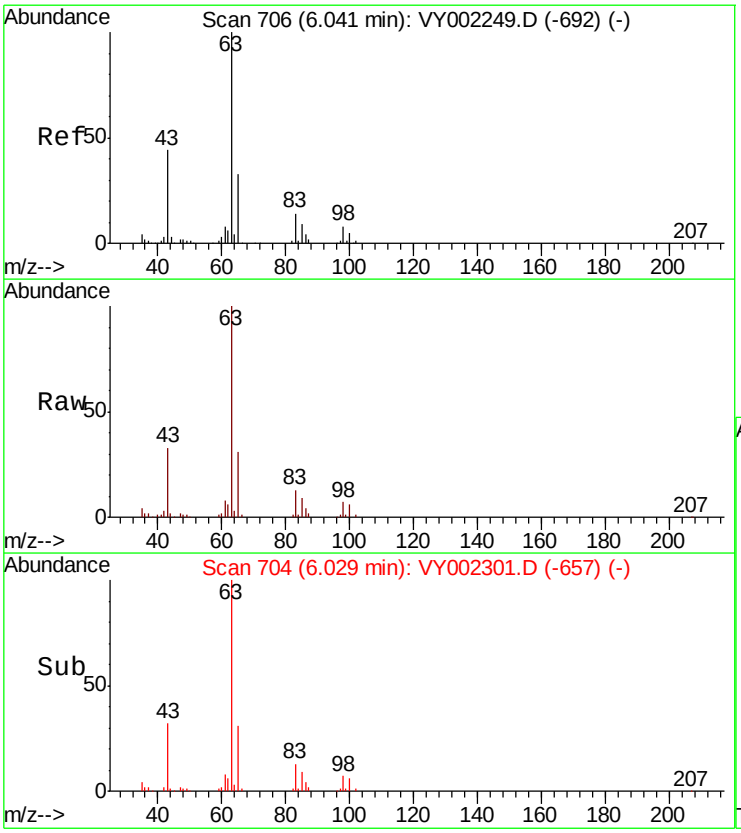

#23
Vinyl Acetate
Concen: 87.976 ug/l
RT: 6.07 min Scan# 711
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 43 Resp: 375213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.3 | 9.2 | 13.8 |

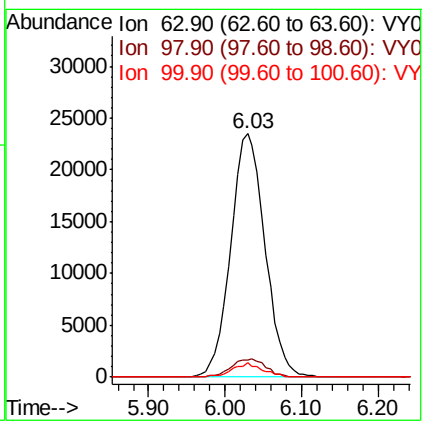


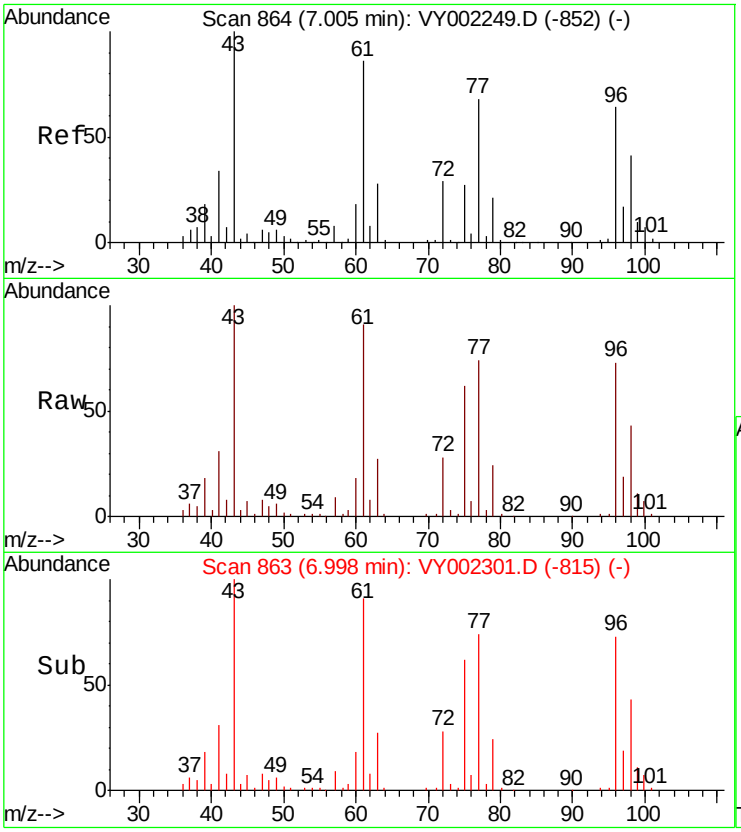




#24
1,1-Dichloroethane
Concen: 19.167 ug/l
RT: 6.03 min Scan# 704
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 63 Resp: 72964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 4.0 | 12.0 |
| 100 | 6.0 | 2.4 | 7.1 |



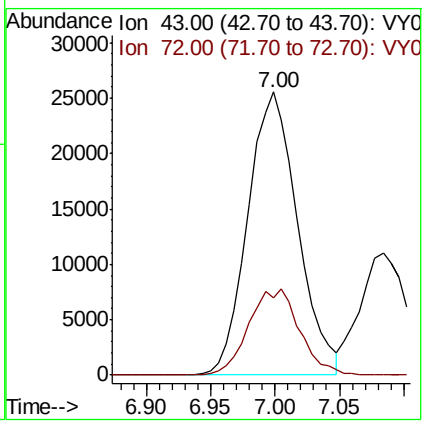


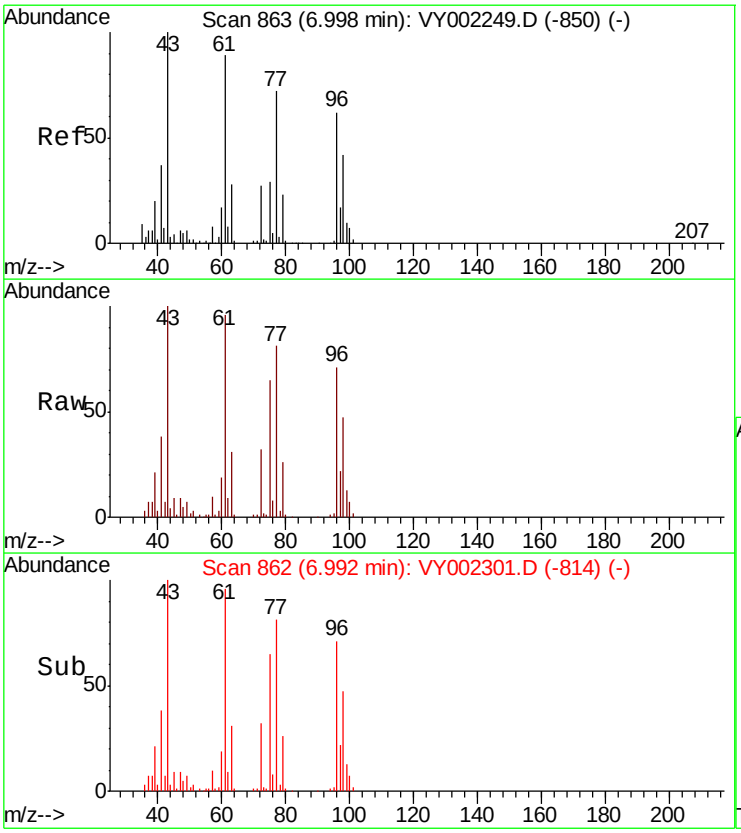

#25
2-Butanone
Concen: 86.752 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 43 Resp: 68584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.5 | 23.2 | 34.8 |

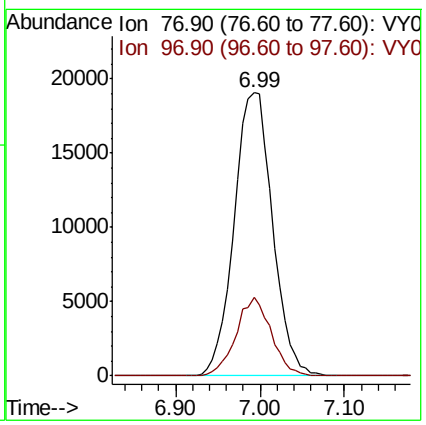


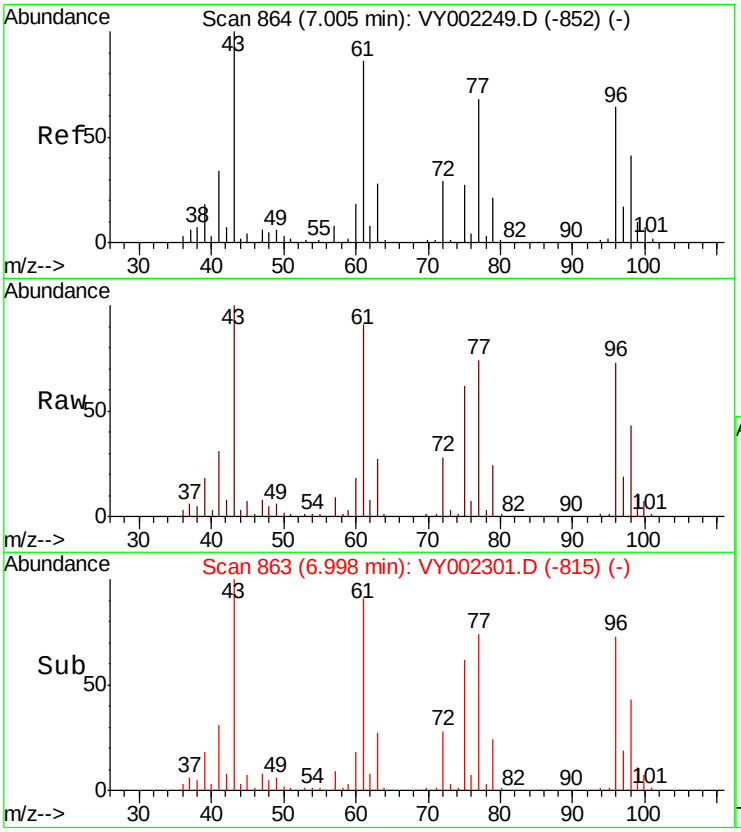




#26
2,2-Dichloropropane
Concen: 18.492 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 77 Resp: 58886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.4 | 12.2 | 36.6 |



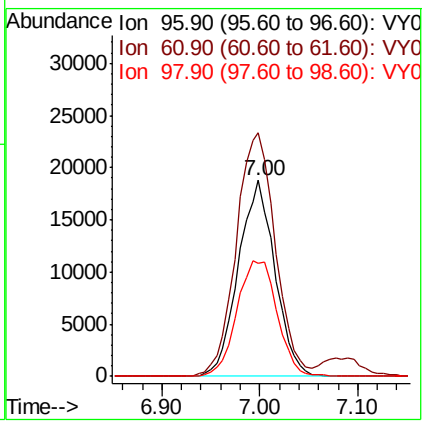


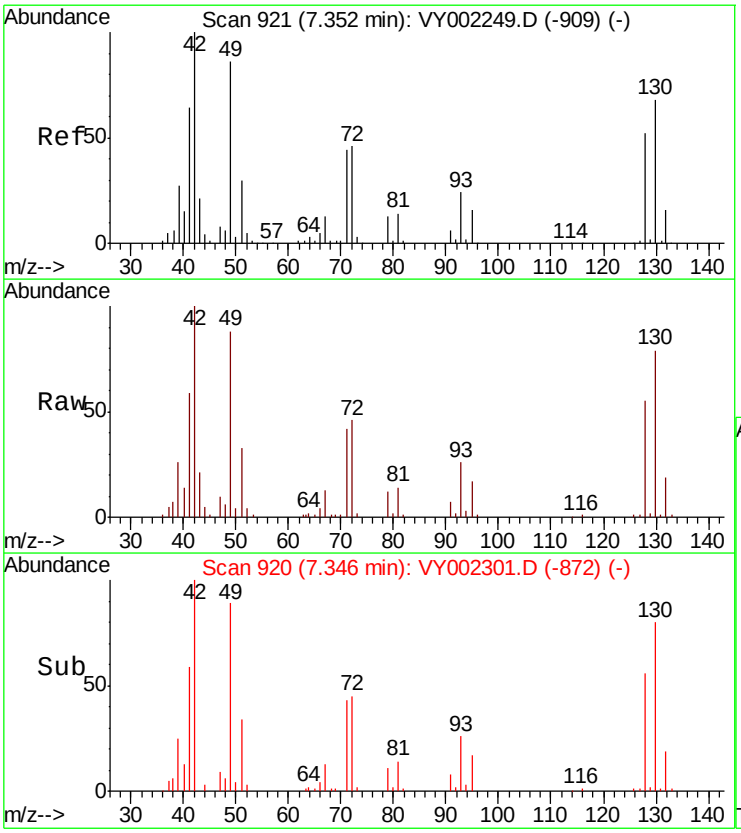

#27
cis-1,2-Dichloroethene
Concen: 19.354 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 96 Resp: 48768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.8 | 0.0 | 278.0 |
| 98 | 64.8 | 0.0 | 128.6 |

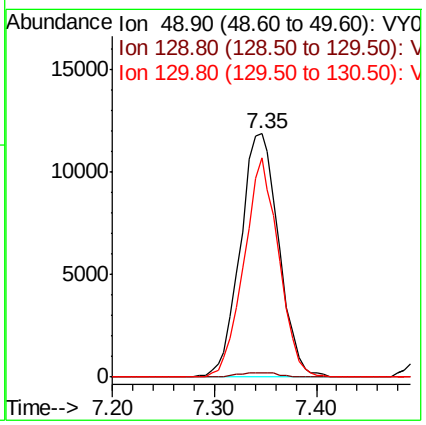


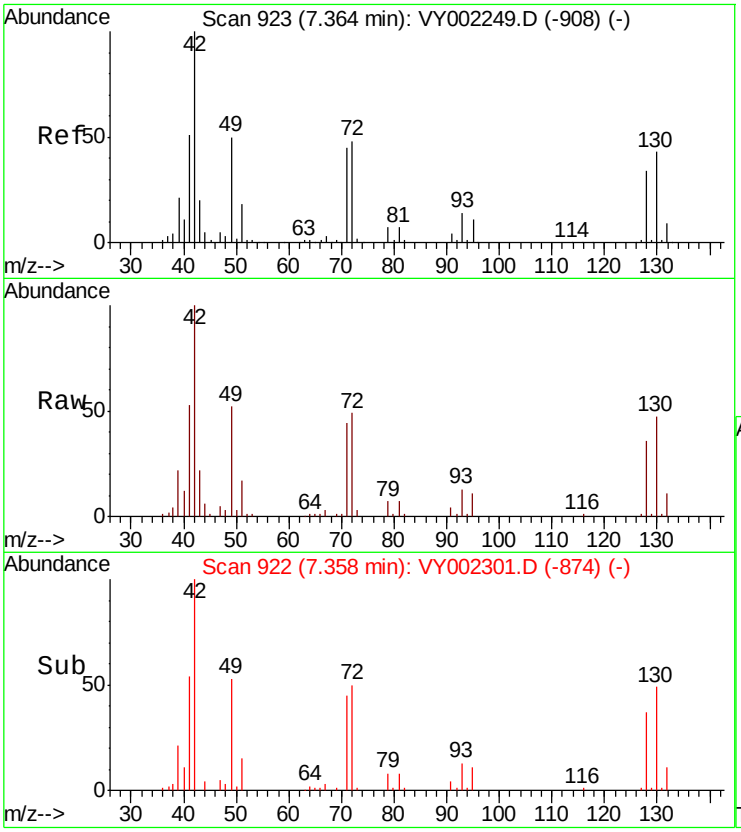




#28
Bromochloromethane
Concen: 18.974 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 49 Resp: 31179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 4.2 |
| 130 | 81.2 | 60.9 | 91.3 |



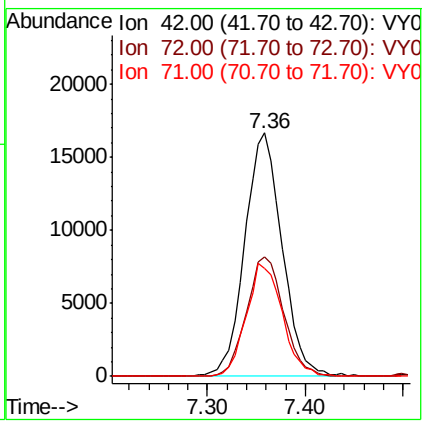


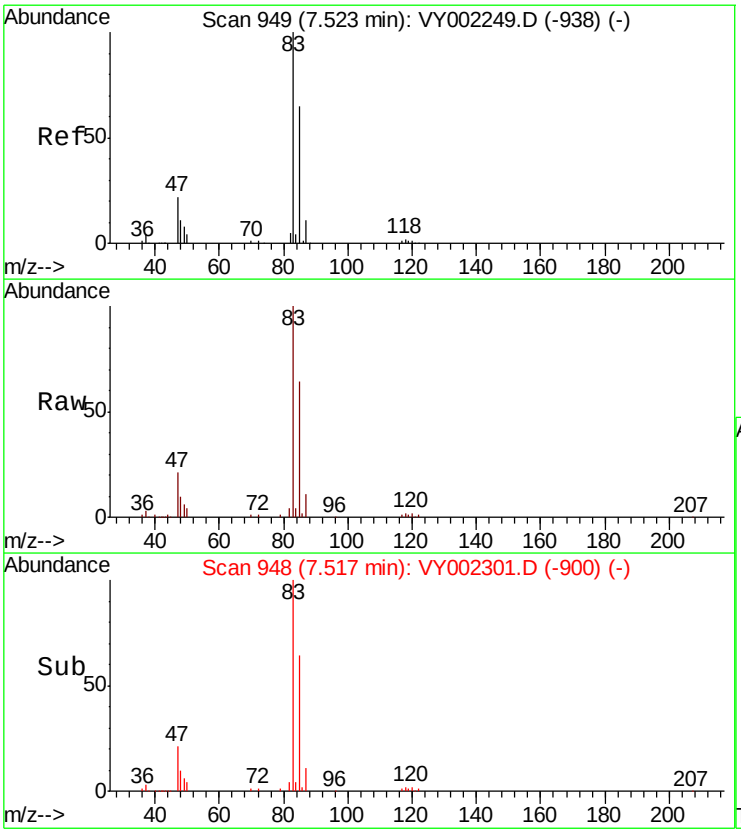

#29
Tetrahydrofuran
Concen: 84.236 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 42 Resp: 44021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.9 | 36.7 | 55.1 |
| 71 | 44.9 | 34.7 | 52.1 |

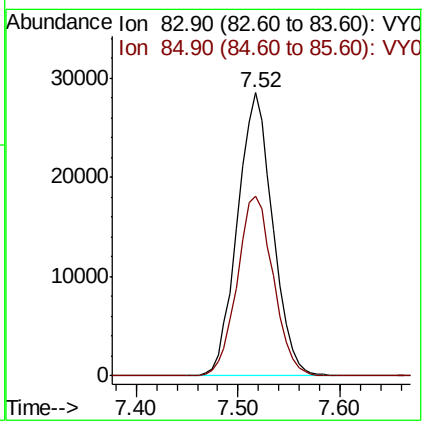


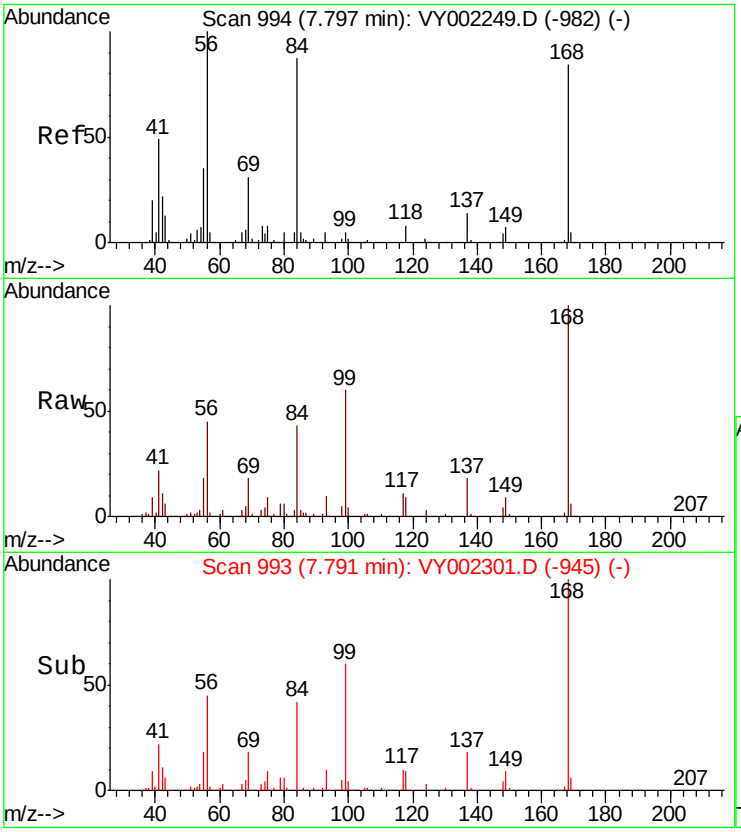




#30
Chloroform
Concen: 19.105 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 83 Resp: 68555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.5 | 52.0 | 78.0 |



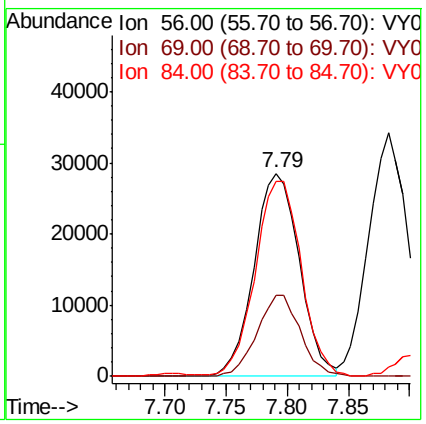


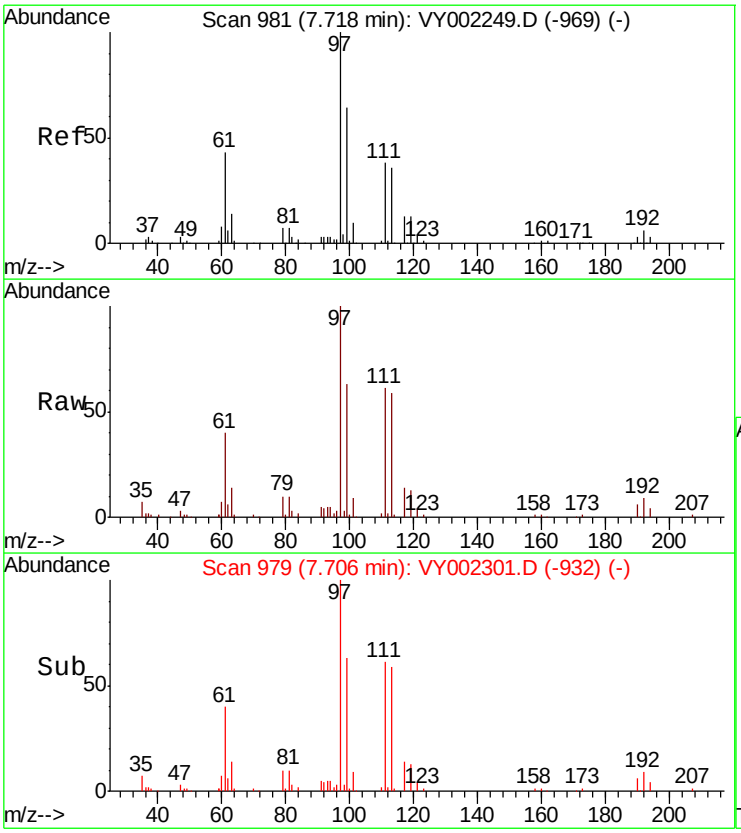

#31
Cyclohexane
Concen: 18.468 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 56 Resp: 73794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 39.7 | 25.0 | 37.6# |
| 84 | 95.4 | 69.7 | 104.5 |

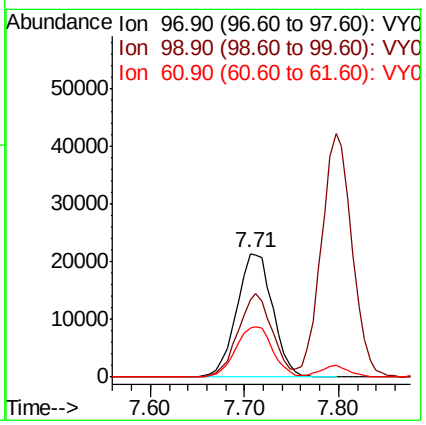


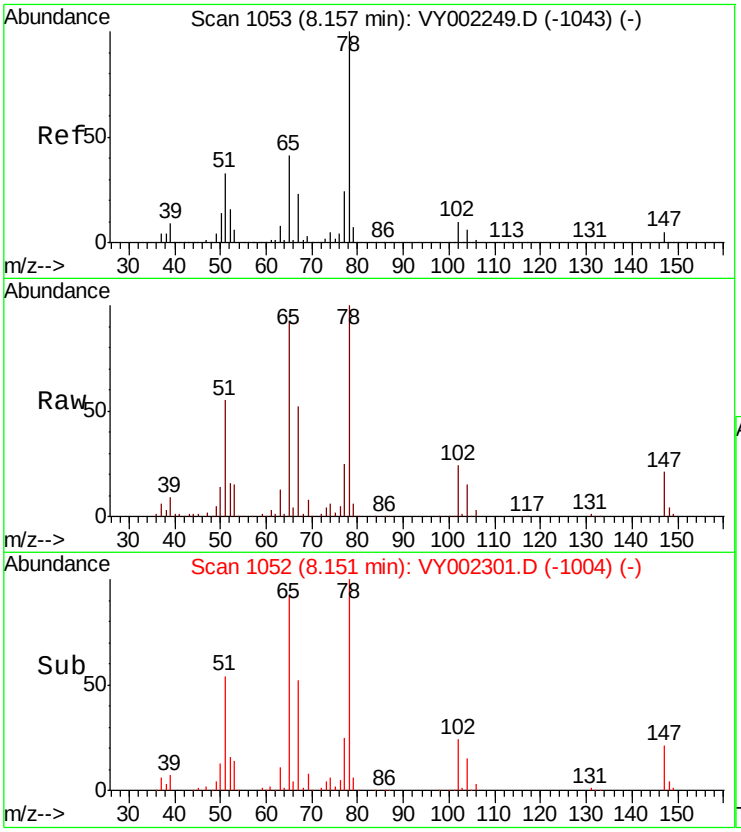




#32
1,1,1-Trichloroethane
Concen: 19.000 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 97 Resp: 56748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 51.3 | 76.9 |
| 61 | 41.9 | 34.3 | 51.5 |



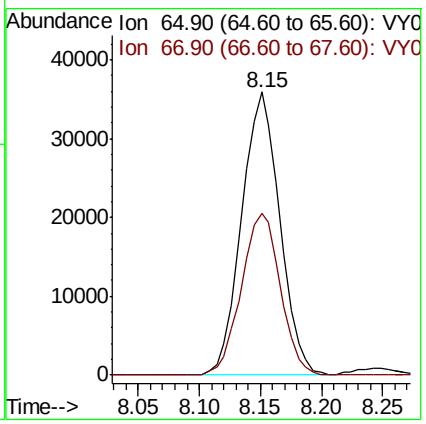


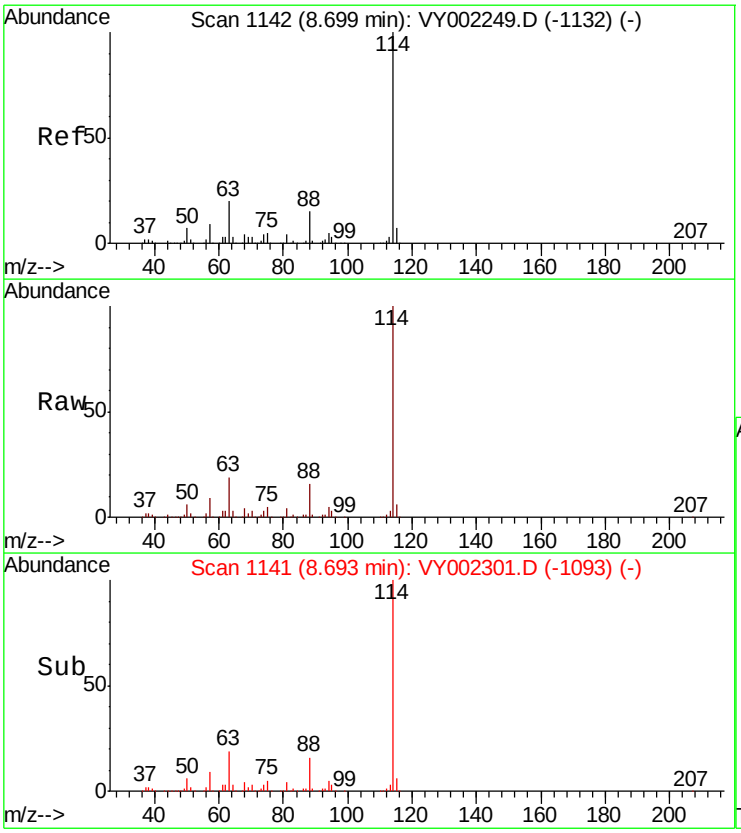

#33
1,2-Dichloroethane-d4
Concen: 41.127 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 65 Resp: 78005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 58.4 | 0.0 | 114.0 |

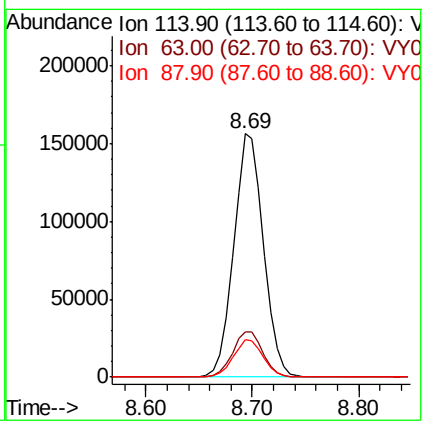


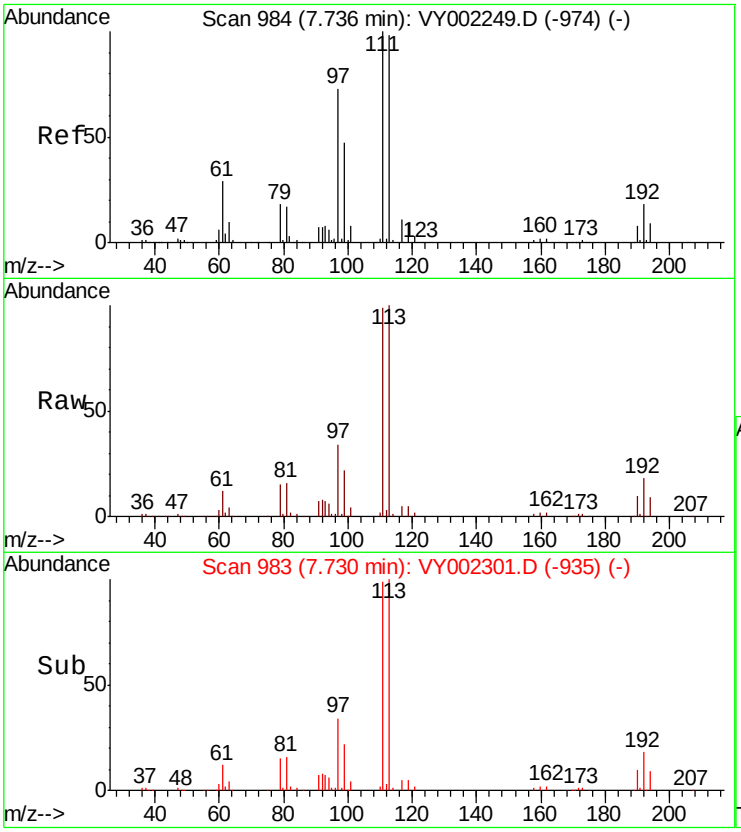




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:114 Resp: 304967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.7 | 0.0 | 39.0 |
| 88 | 15.5 | 0.0 | 31.0 |



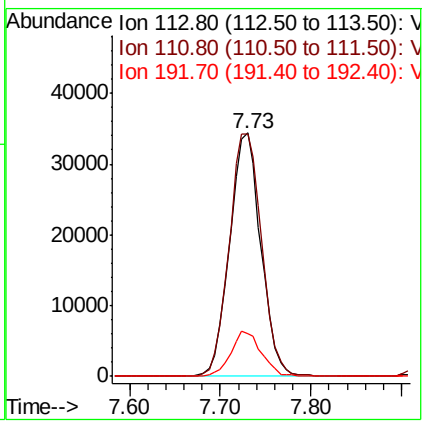


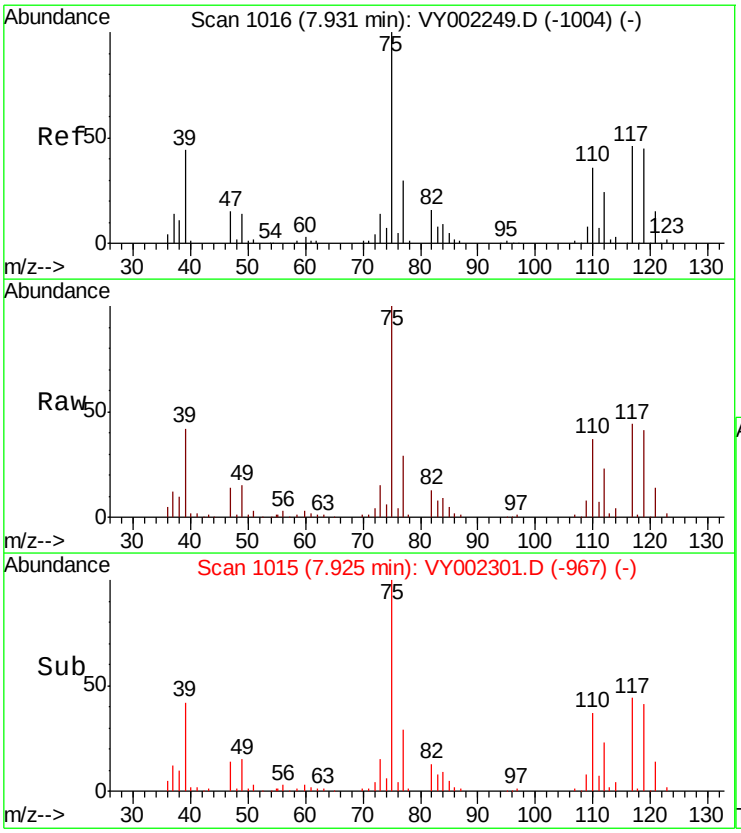

#35
Dibromofluoromethane
Concen: 45.275 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion:113 Resp: 82159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 83.5 | 125.3 |
| 192 | 18.0 | 14.7 | 22.1 |

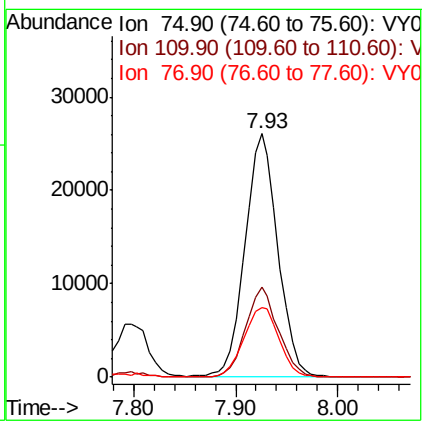


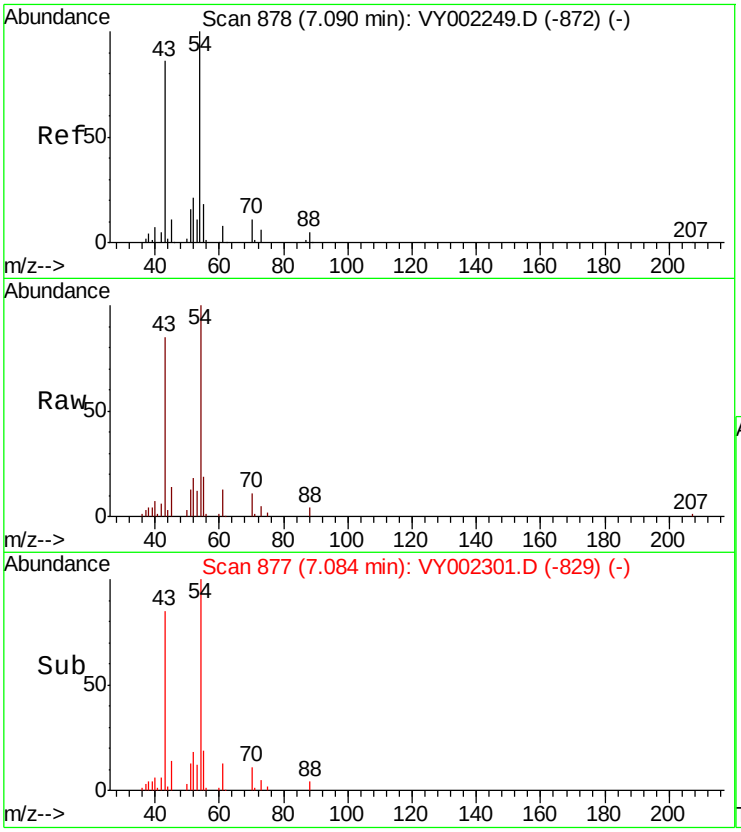




#36
1,1-Dichloropropene
Concen: 19.475 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 75 Resp: 58502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.6 | 17.8 | 53.3 |
| 77 | 30.7 | 24.4 | 36.6 |



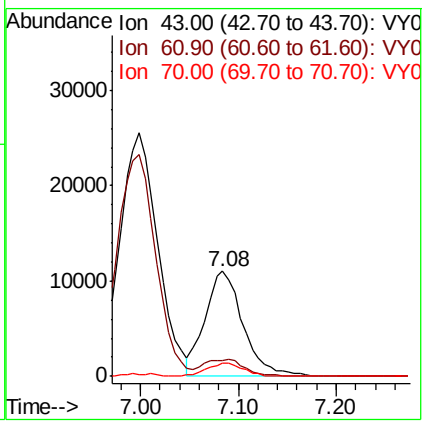


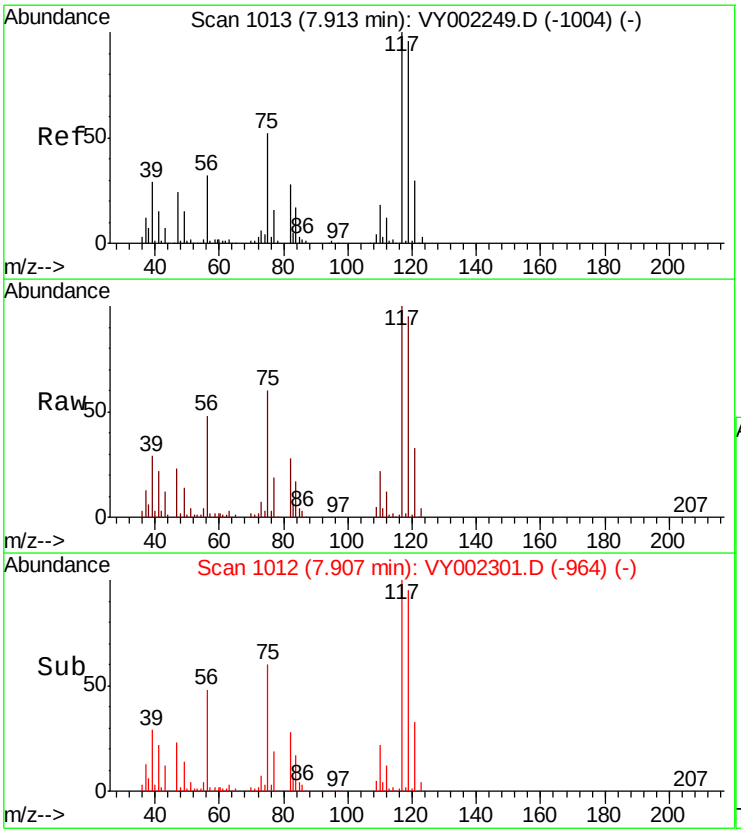

#37
Ethyl Acetate
Concen: 17.443 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 43 Resp: 29933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.1 | 11.8 | 17.6 |
| 70 | 11.8 | 9.1 | 13.7 |

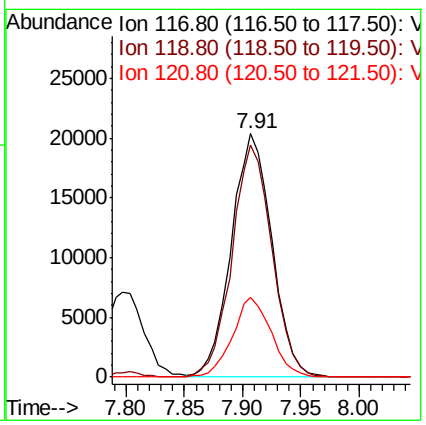


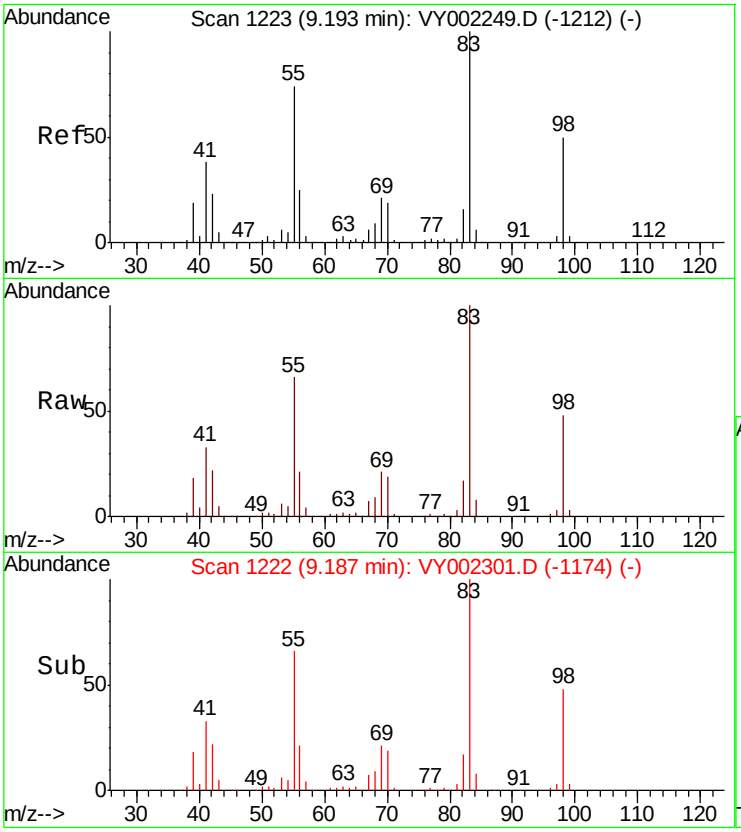




#38
Carbon Tetrachloride
Concen: 19.306 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:117 Resp: 49605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 77.1 | 115.7 |
| 121 | 32.5 | 23.9 | 35.9 |



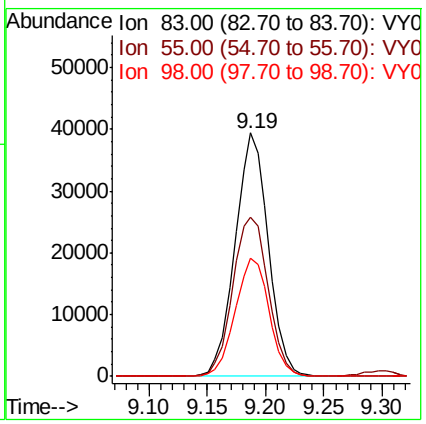


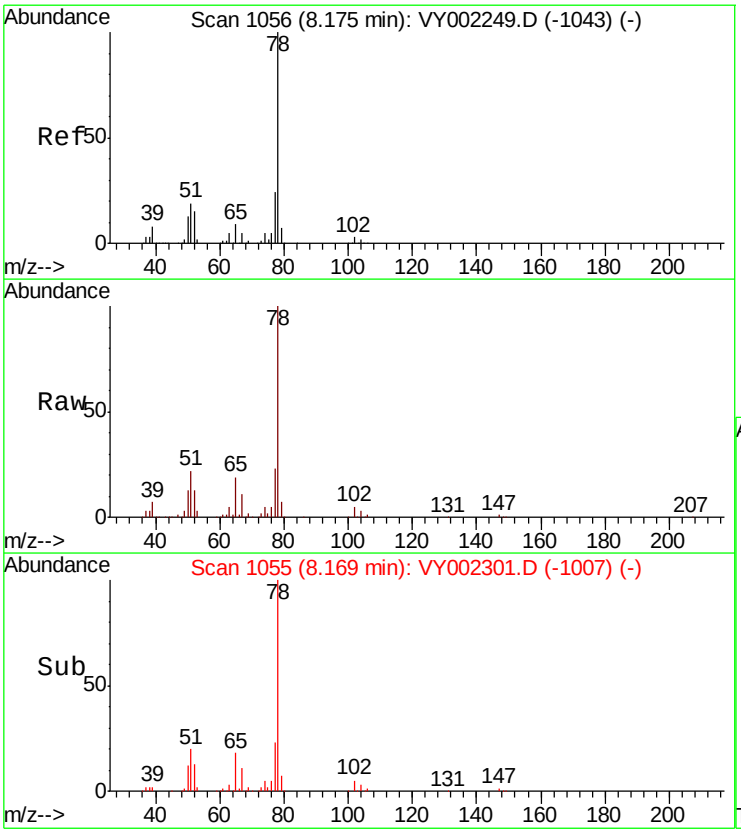

#39
Methylcyclohexane
Concen: 19.117 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 83 Resp: 78116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 65.6 | 59.3 | 88.9 |
| 98 | 48.5 | 39.6 | 59.4 |

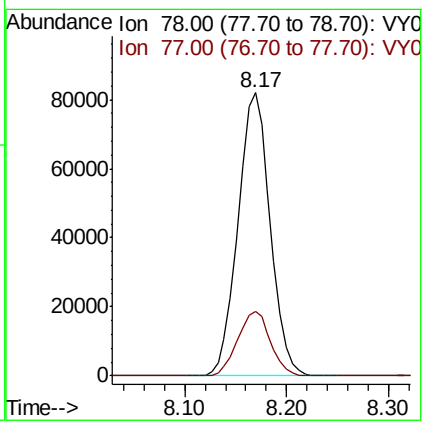


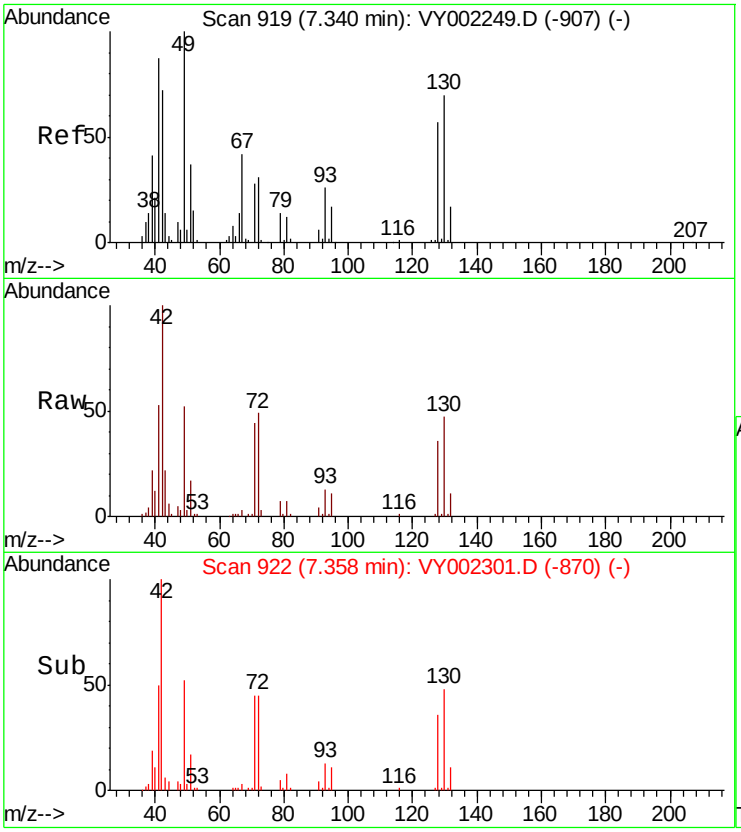




#40
Benzene
Concen: 19.689 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 78 Resp: 179443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.8 | 18.9 | 28.3 |



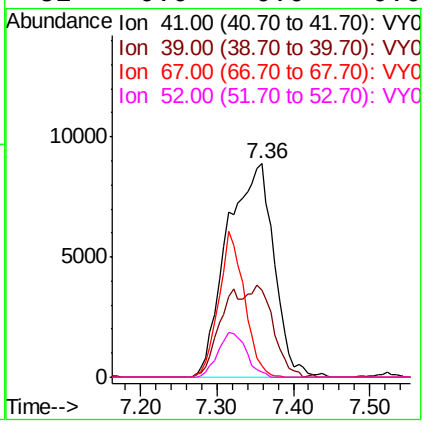


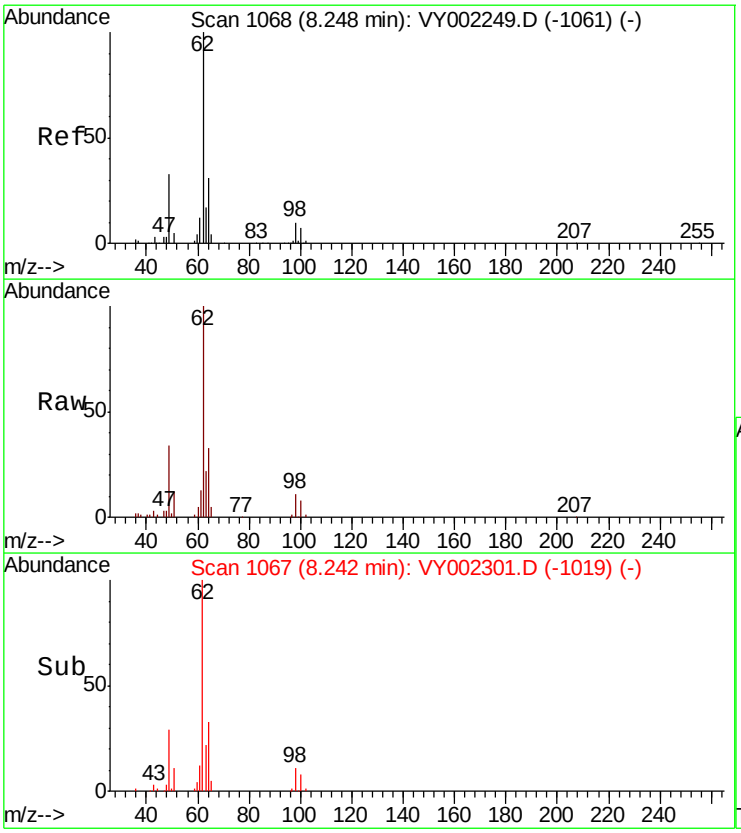

#41
Methacrylonitrile
Concen: 37.248 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 41 Resp: 37707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 0.0 | 0.0 |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

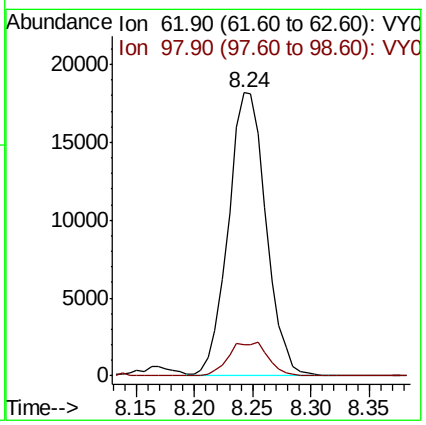


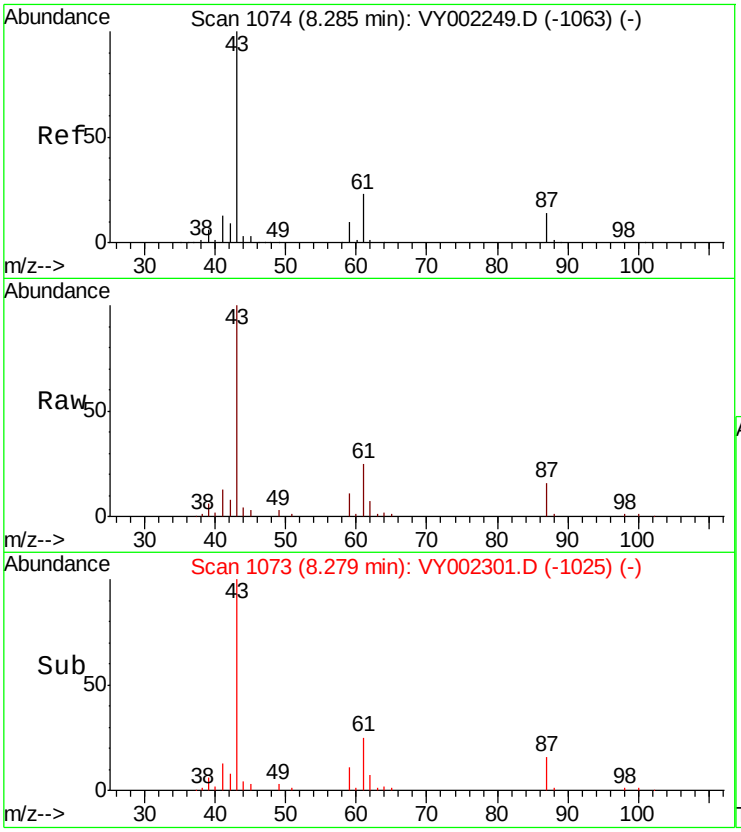




#42
1,2-Dichloroethane
Concen: 18.193 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 62 Resp: 41073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 12.4 | 0.0 | 22.6 |



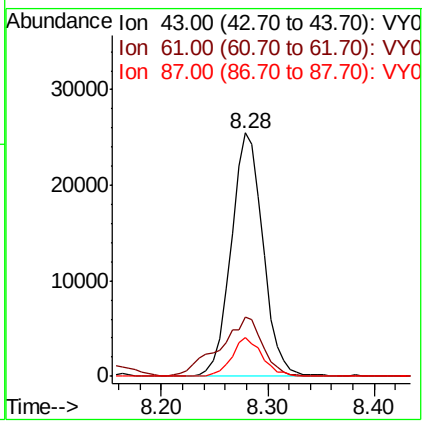


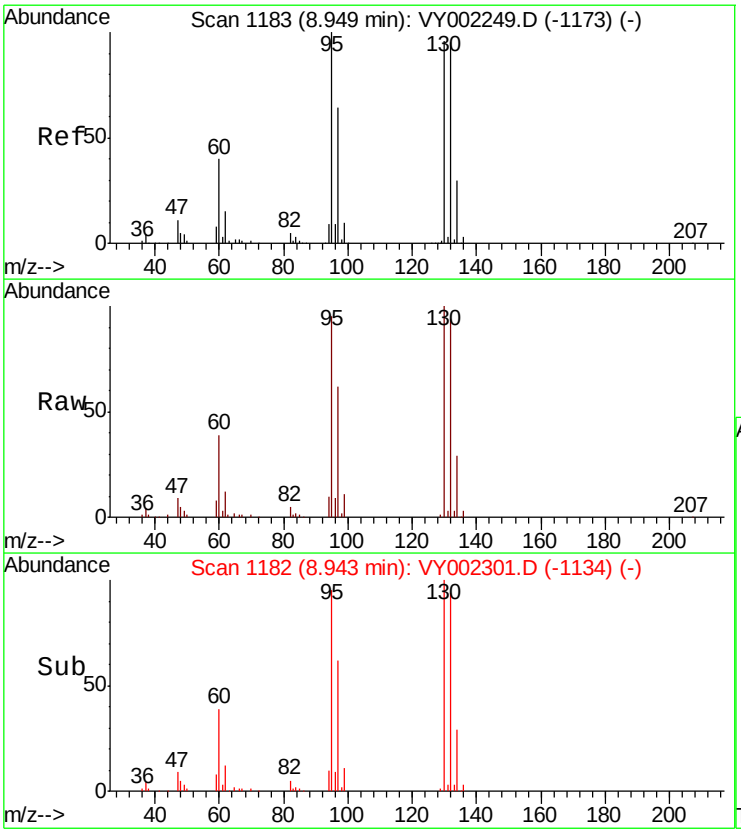

#43
Isopropyl Acetate
Concen: 17.093 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 43 Resp: 53495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 32.7 | 24.9 | 37.3 |
| 87 | 15.0 | 11.7 | 17.5 |

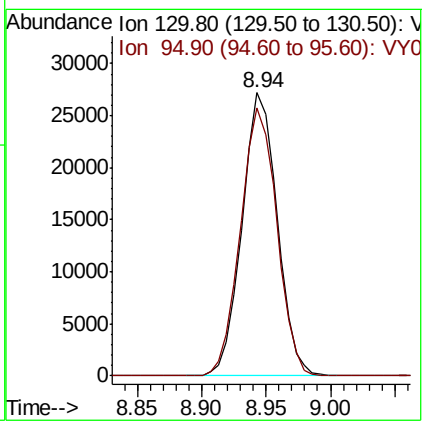


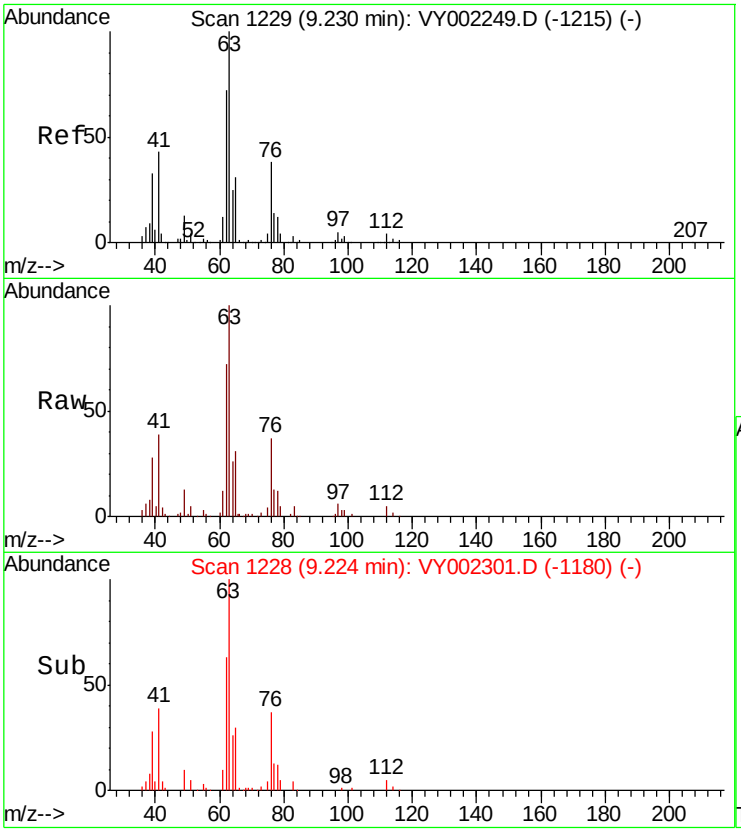




#44
Trichloroethene
Concen: 19.141 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:130 Resp: 51287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.6 | 0.0 | 208.2 |



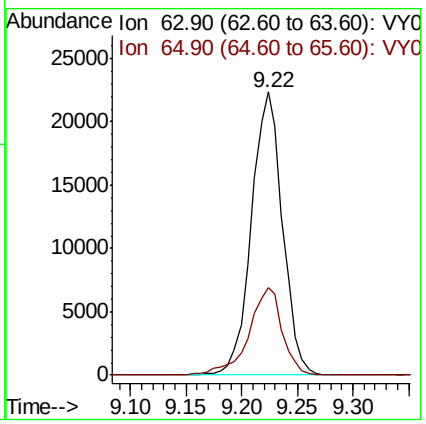


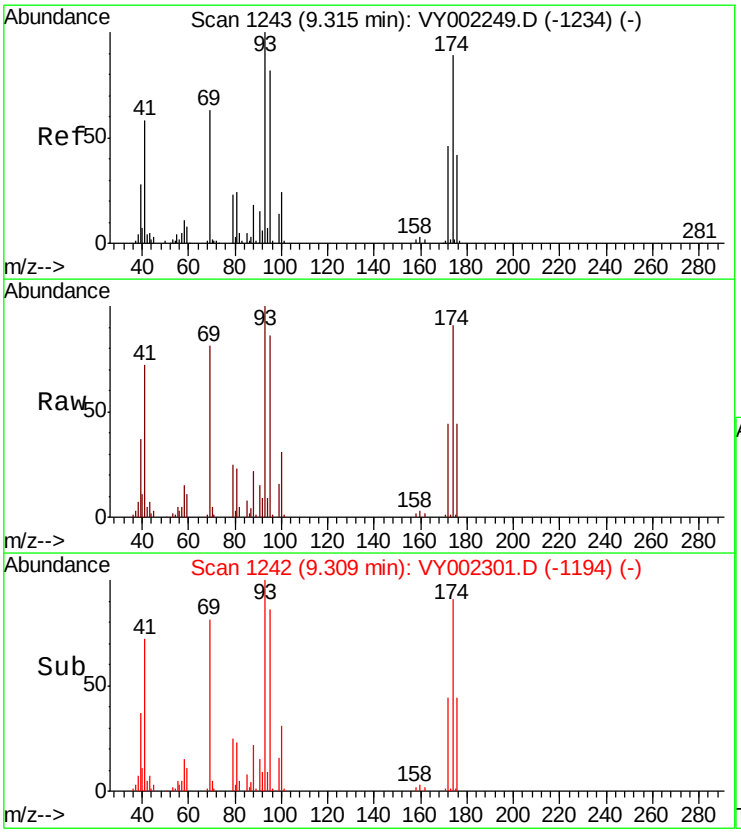

#45
1,2-Dichloropropane
Concen: 19.189 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 63 Resp: 43392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.9 | 24.6 | 37.0 |

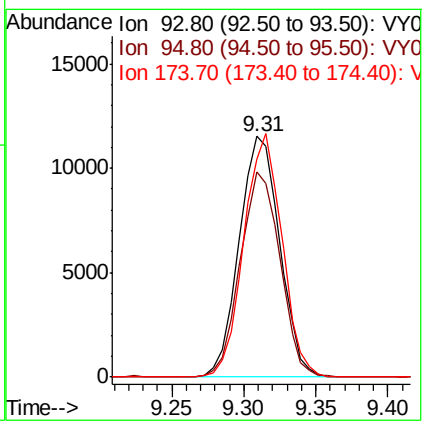


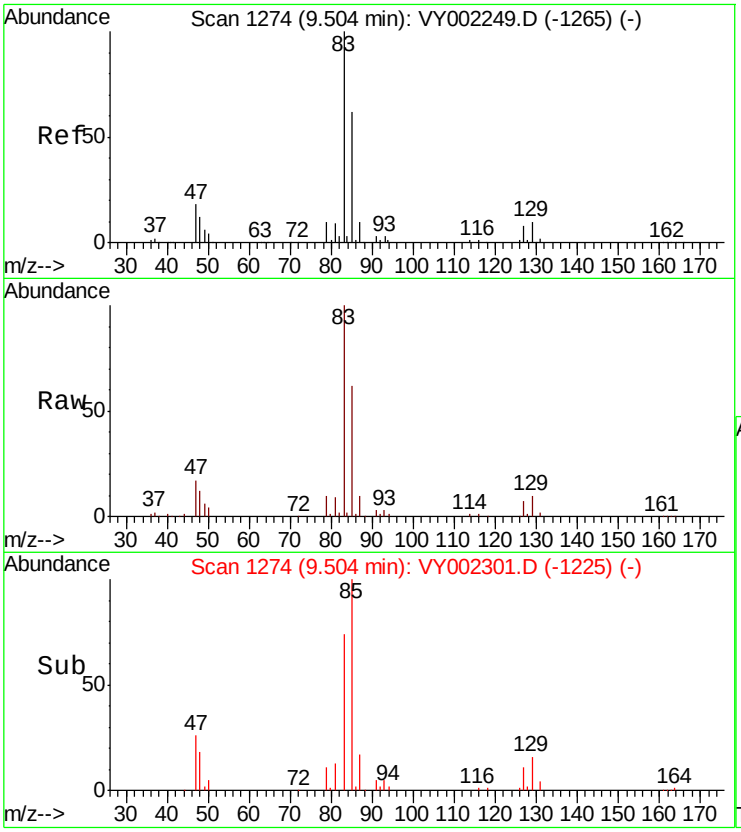




#46
Dibromomethane
Concen: 18.970 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 93 Resp: 22429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.7 | 67.3 | 100.9 |
| 174 | 94.8 | 72.5 | 108.7 |



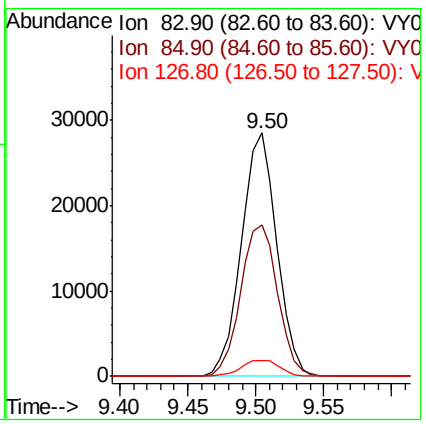


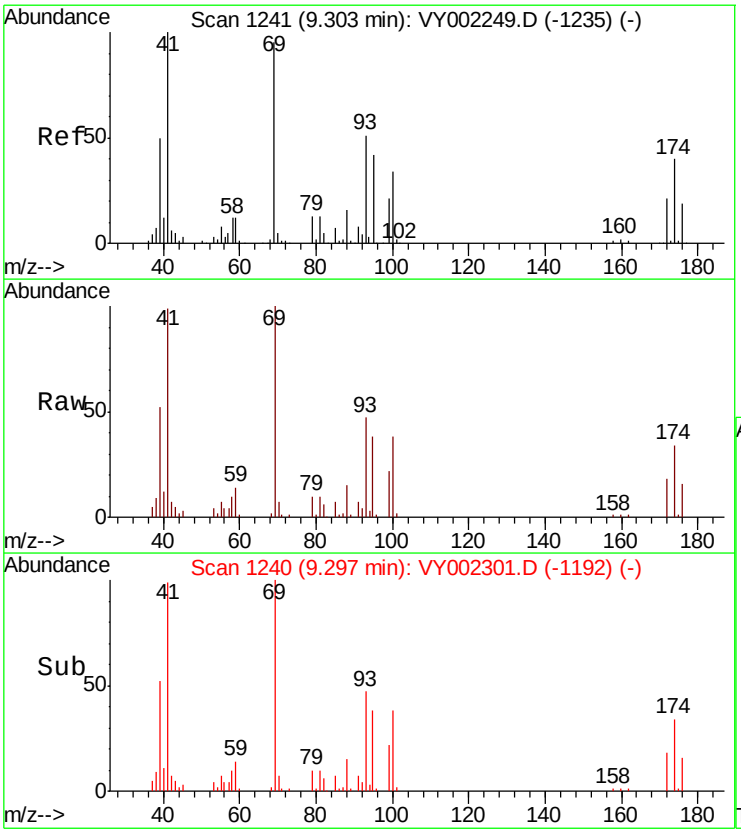

#47
Bromodichloromethane
Concen: 19.170 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 83 Resp: 52007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.3 | 49.7 | 74.5 |
| 127 | 6.7 | 6.2 | 9.4 |

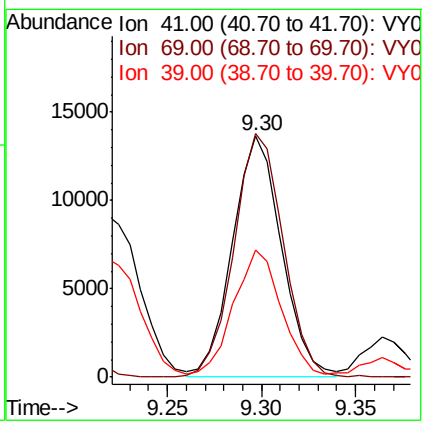


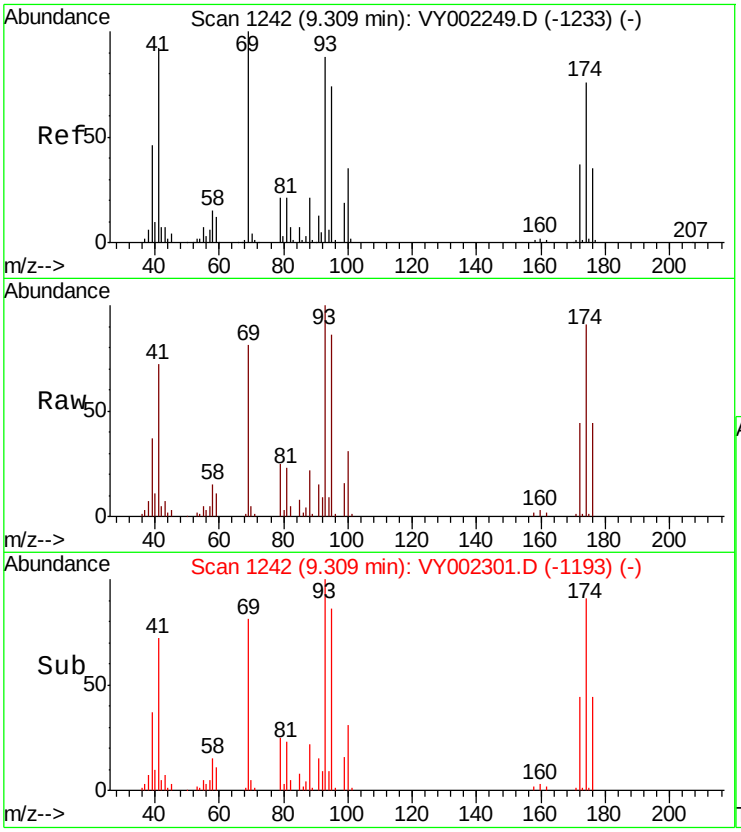




#48
Methyl methacrylate
Concen: 17.518 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 41 Resp: 24584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 101.9 | 76.7 | 115.1 |
| 39 | 49.9 | 40.5 | 60.7 |



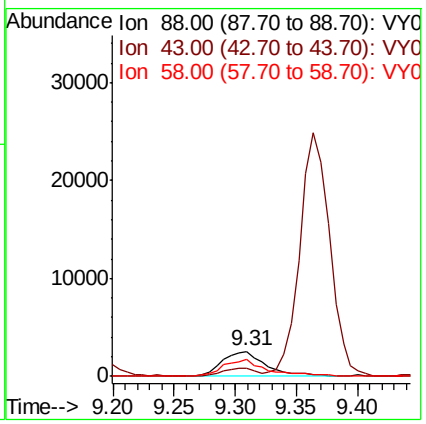


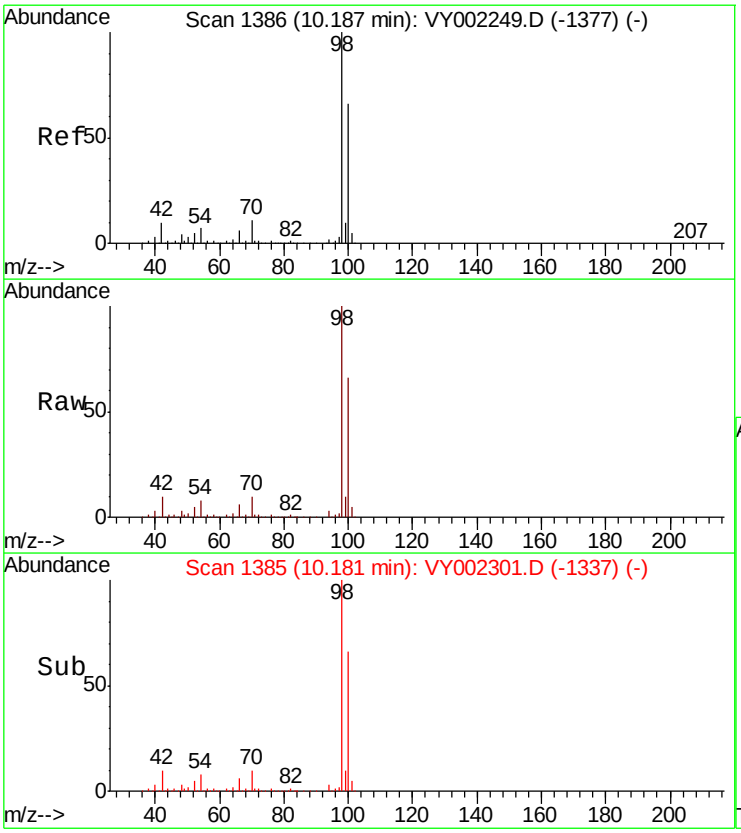

#49
1,4-Dioxane
Concen: 380.095 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 88 Resp: 6357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 25.5 | 22.2 | 33.2 |
| 58 | 67.9 | 57.6 | 86.4 |

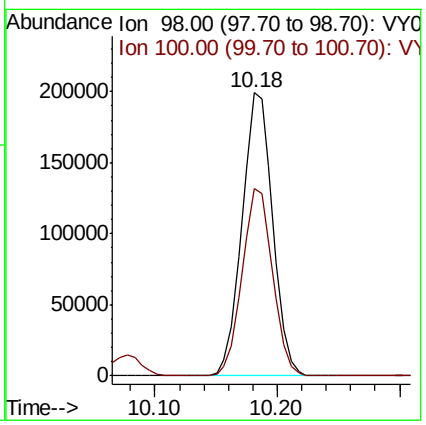


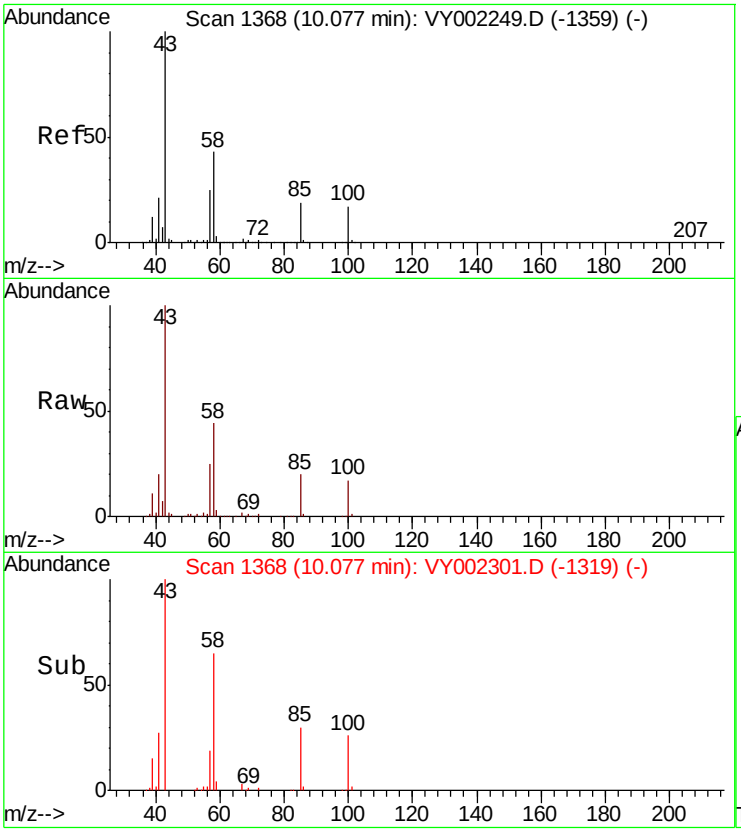




#50
Toluene-d8
Concen: 45.617 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 98 Resp: 346481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 52.6 | 78.8 |



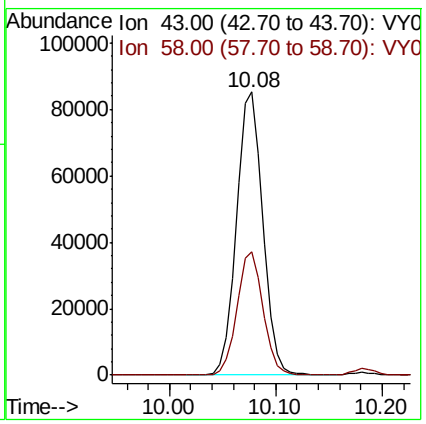


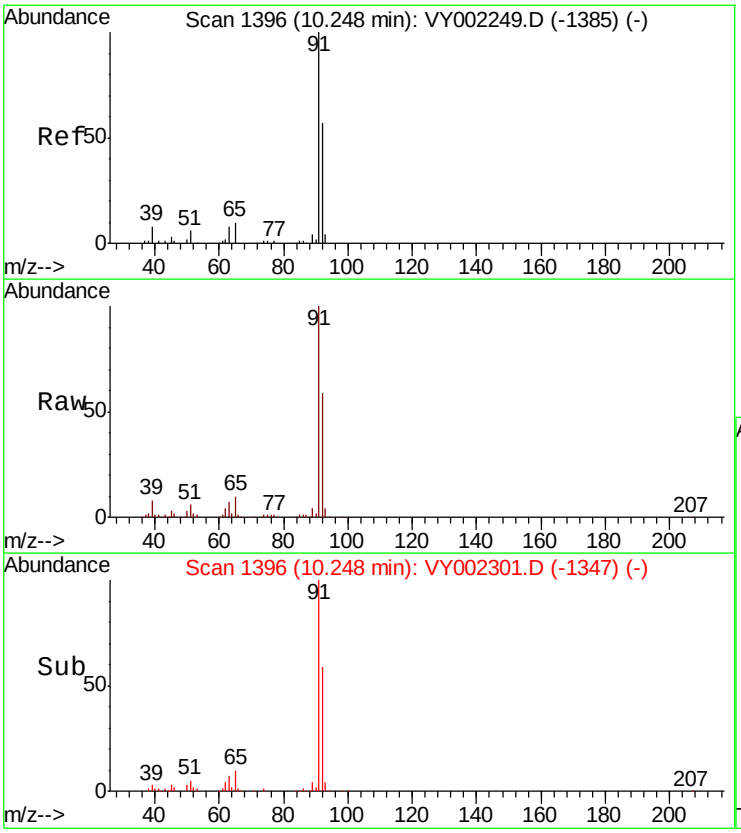

#51
4-Methyl-2-Pentanone
Concen: 90.944 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 43 Resp: 148314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.0 | 33.8 | 50.8 |

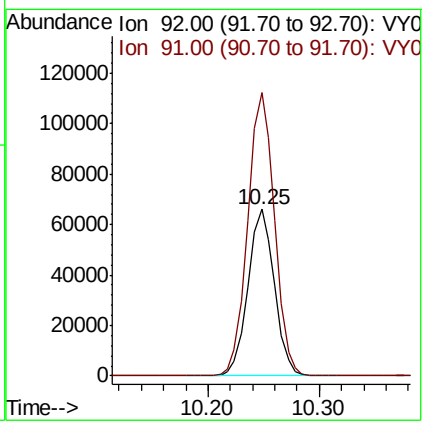


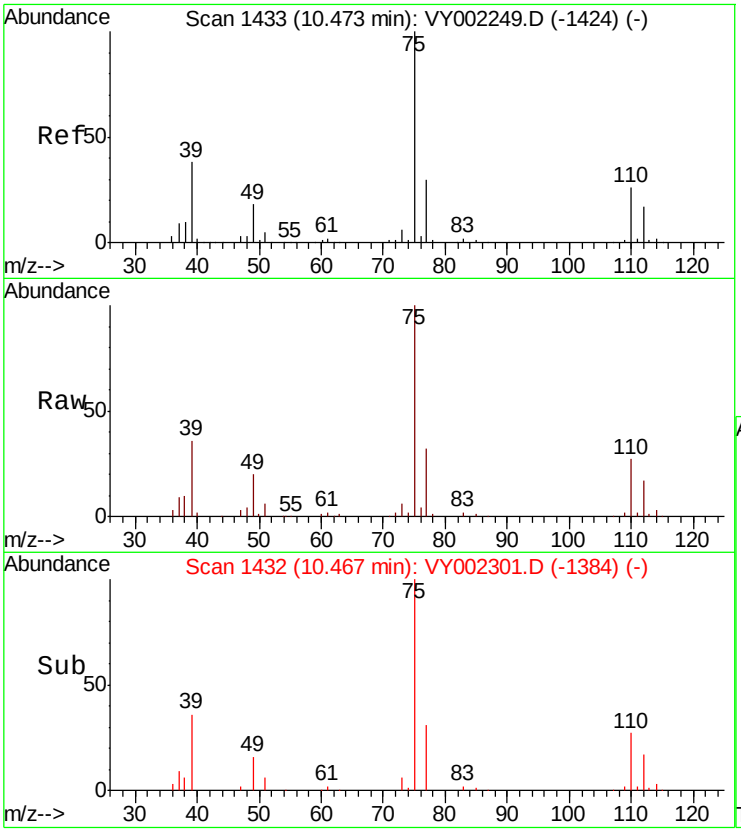




#52
Toluene
Concen: 19.783 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 92 Resp: 108657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.8 | 139.0 | 208.6 |



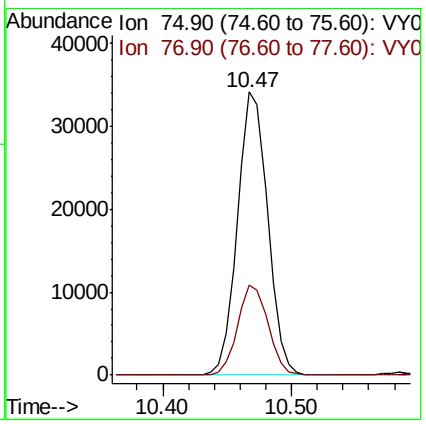


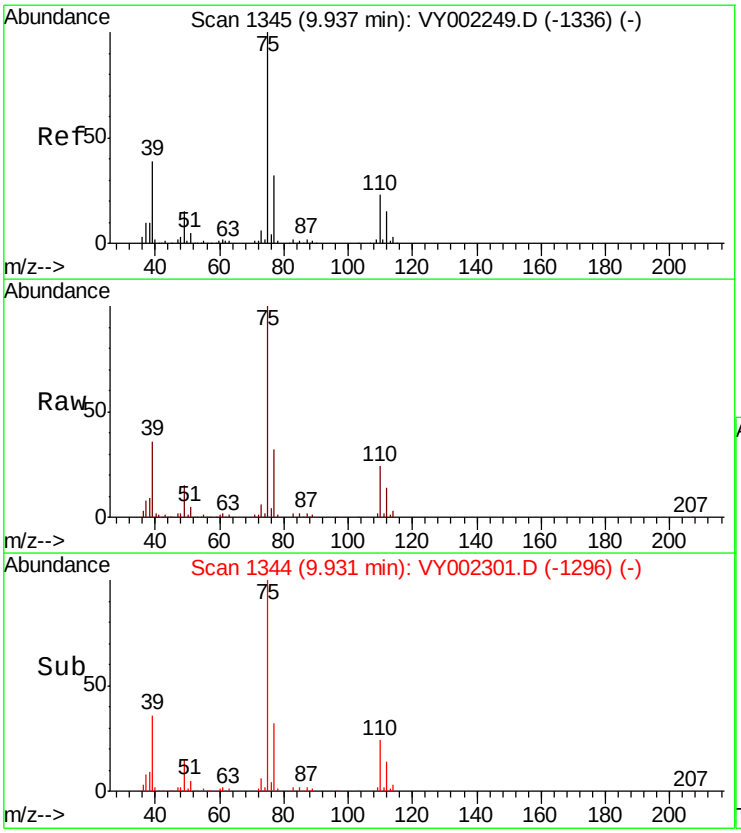

#53
t-1,3-Dichloropropene
Concen: 18.703 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 75 Resp: 55283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 24.2 | 36.2 |

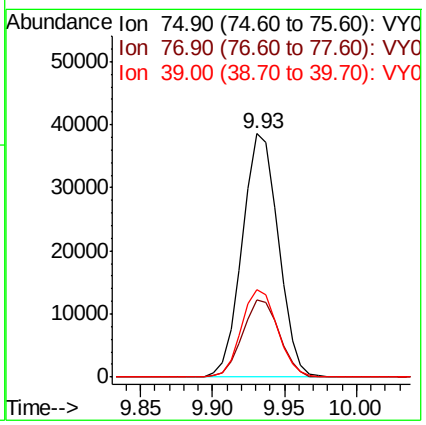


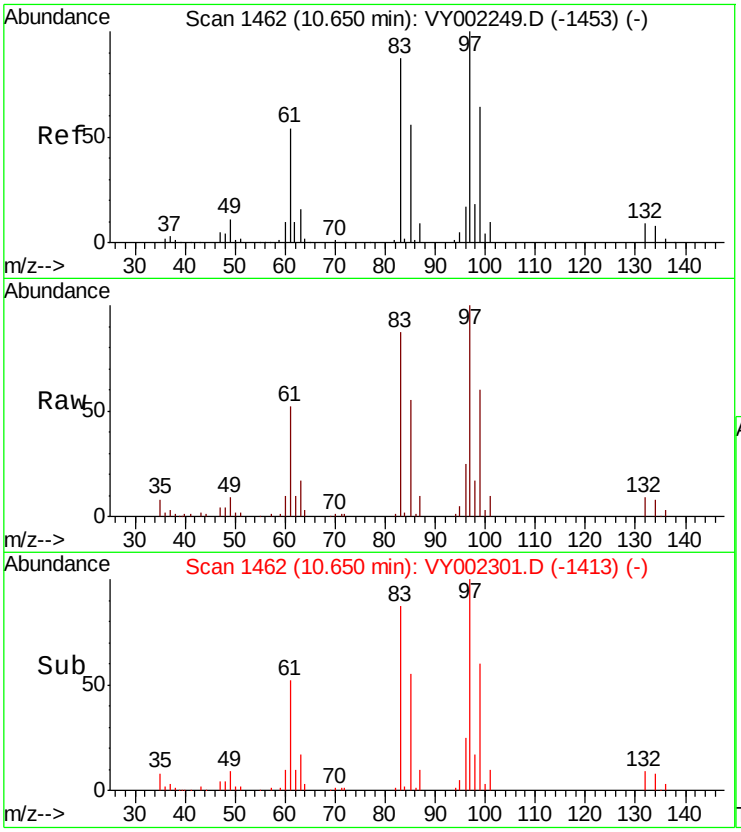




#54
cis-1,3-Dichloropropene
Concen: 18.870 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 75 Resp: 67057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 25.8 | 38.8 |
| 39 | 35.8 | 30.8 | 46.2 |



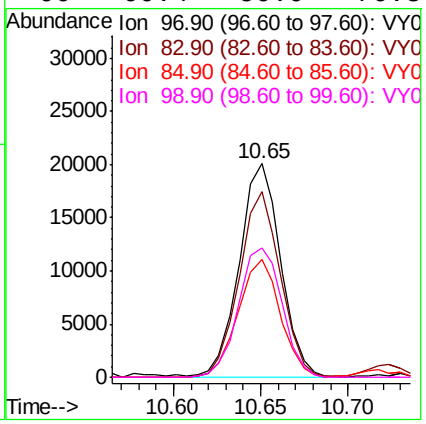


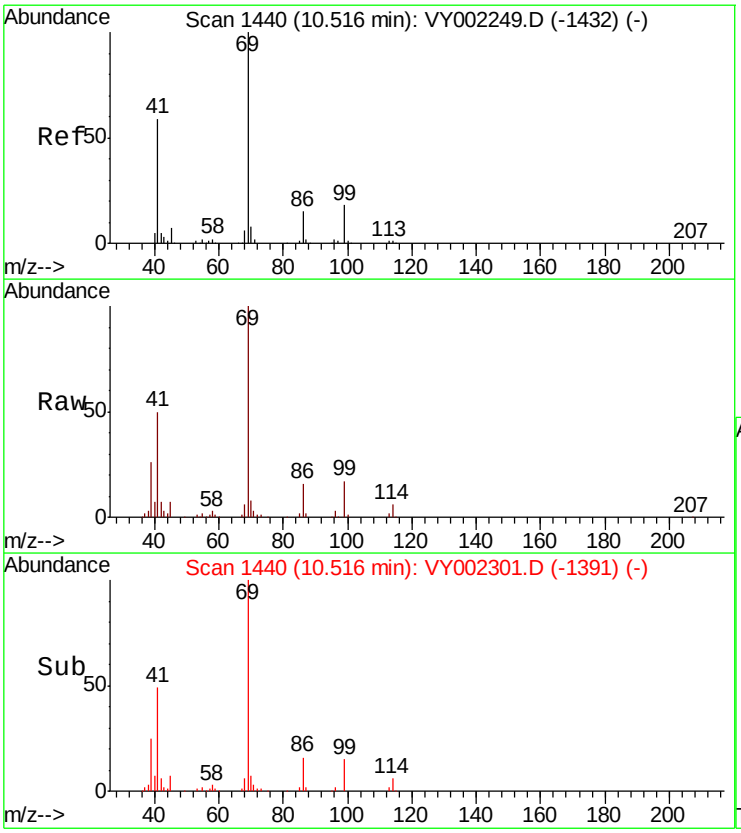

#55
1,1,2-Trichloroethane
Concen: 19.197 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 97 Resp: 33230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.0 | 69.5 | 104.3 |
| 85 | 55.4 | 45.2 | 67.8 |
| 99 | 60.4 | 50.9 | 76.3 |

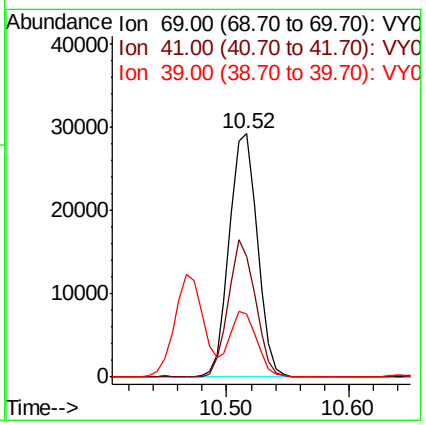


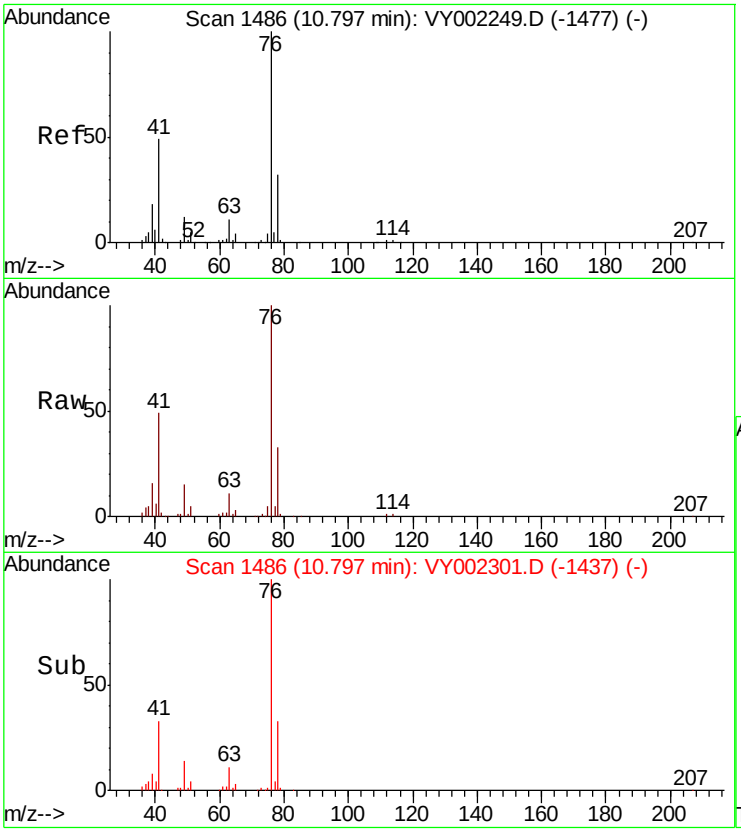




#56
Ethyl methacrylate
Concen: 18.801 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 69 Resp: 46448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 54.2 | 47.9 | 71.9 |
| 39 | 26.1 | 23.8 | 35.6 |



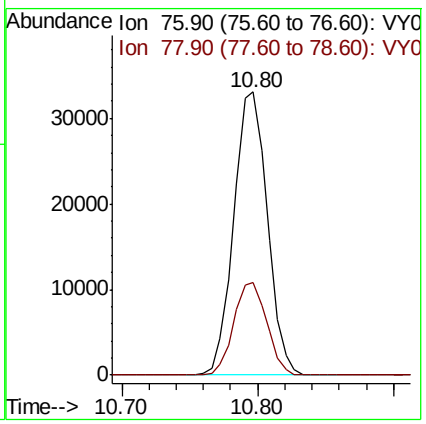


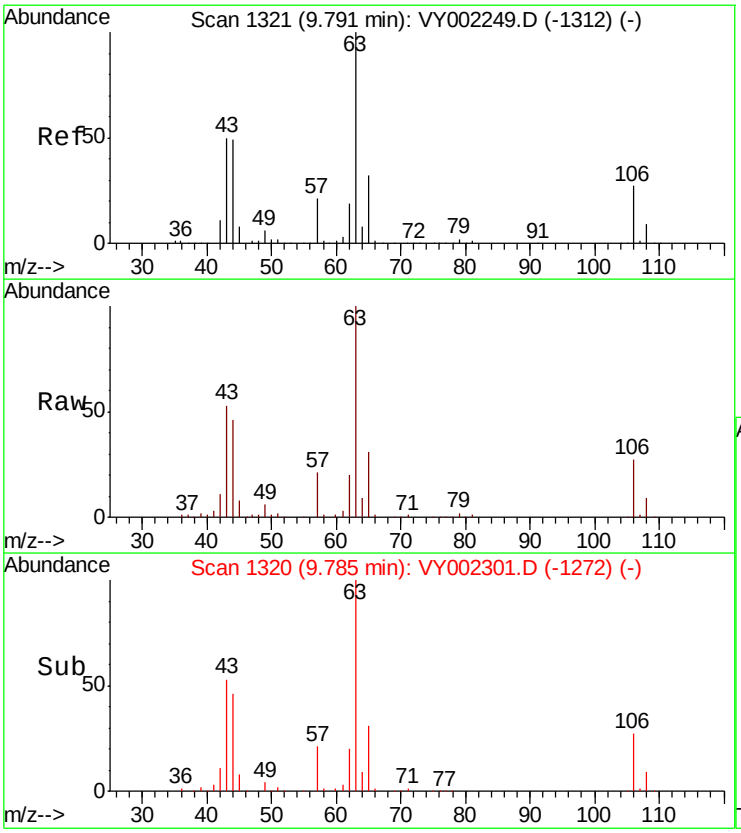

#57
1,3-Dichloropropane
Concen: 18.718 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 76 Resp: 56949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 25.8 | 38.6 |

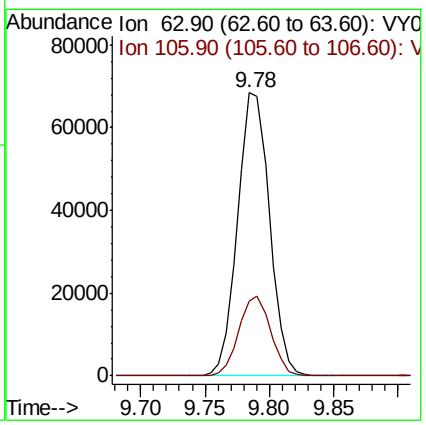


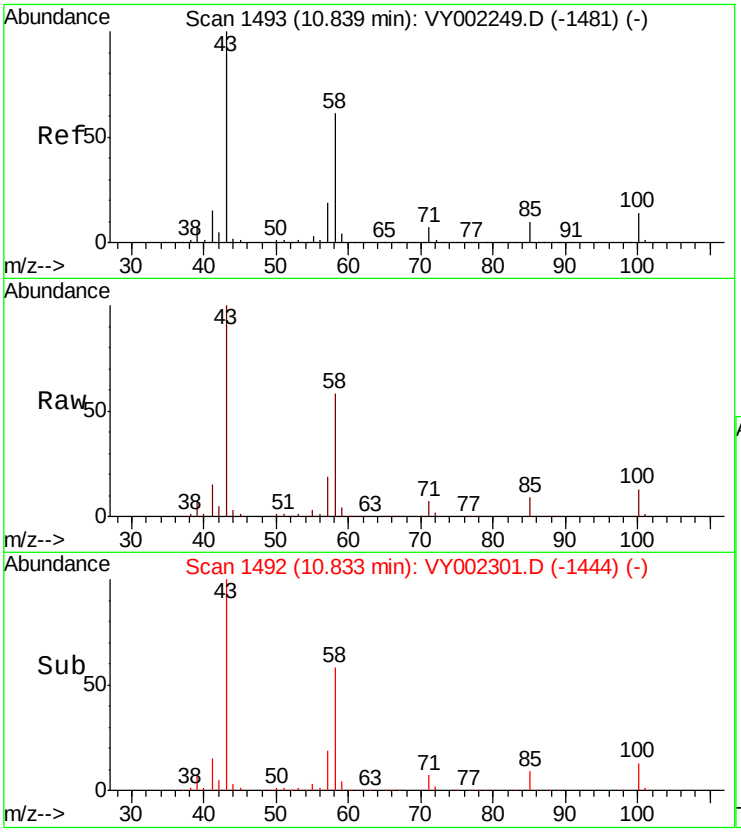




#58
2-Chloroethyl Vinyl ether
Concen: 91.602 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 63 Resp: 117192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.0 | 22.2 | 33.2 |



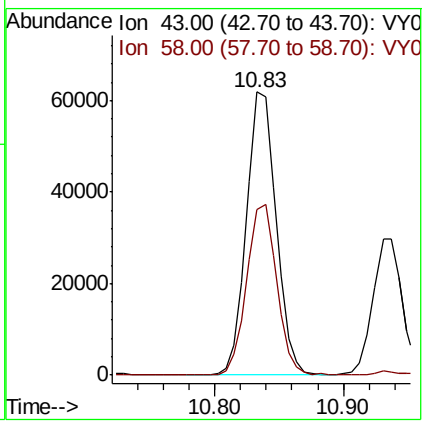


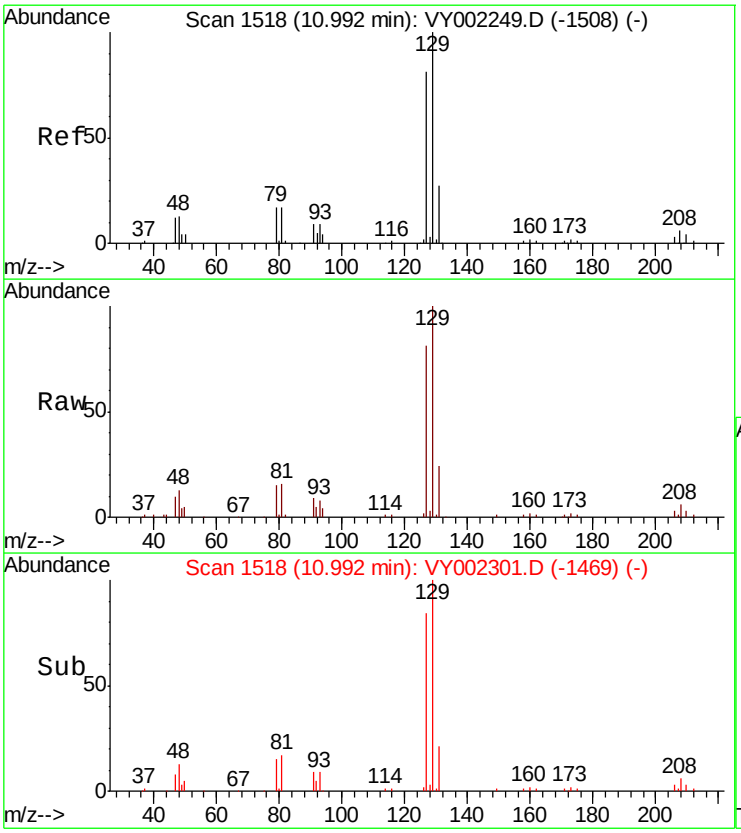

#59
2-Hexanone
Concen: 87.050 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 43 Resp: 98527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 60.8 | 29.8 | 89.3 |

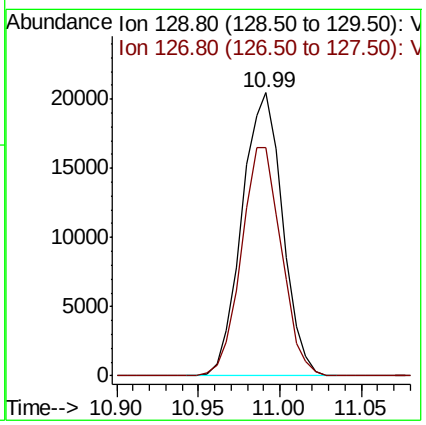


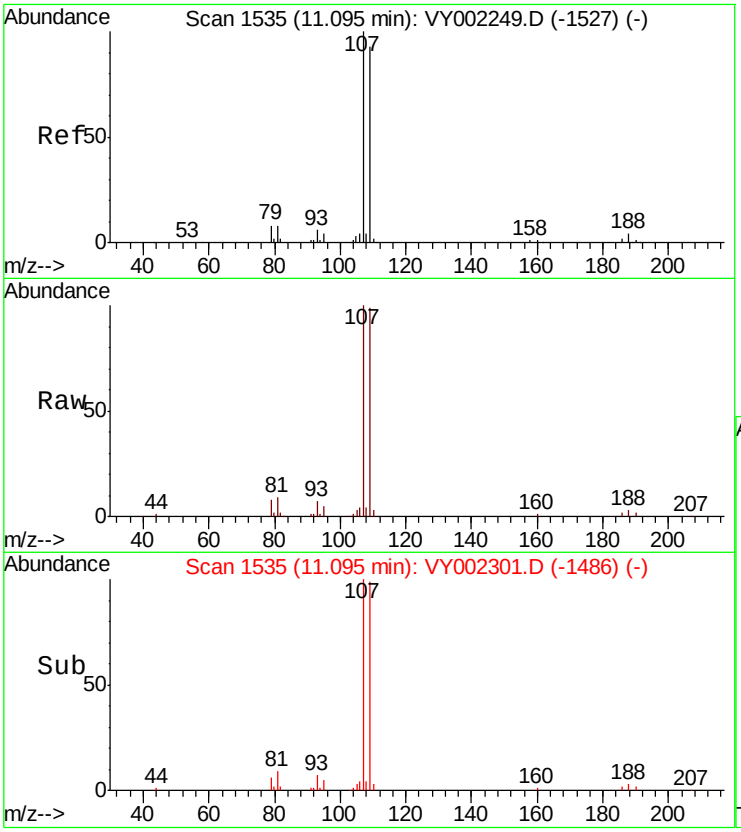




#60
Dibromochloromethane
Concen: 19.211 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:129 Resp: 35459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.5 | 39.0 | 117.0 |



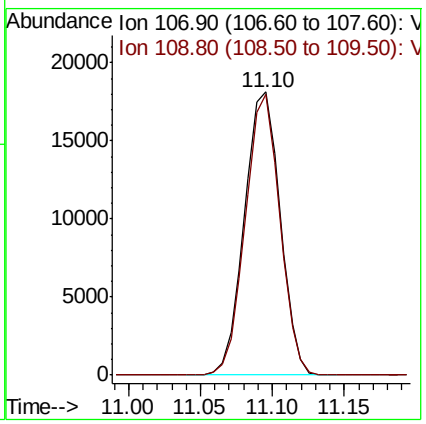


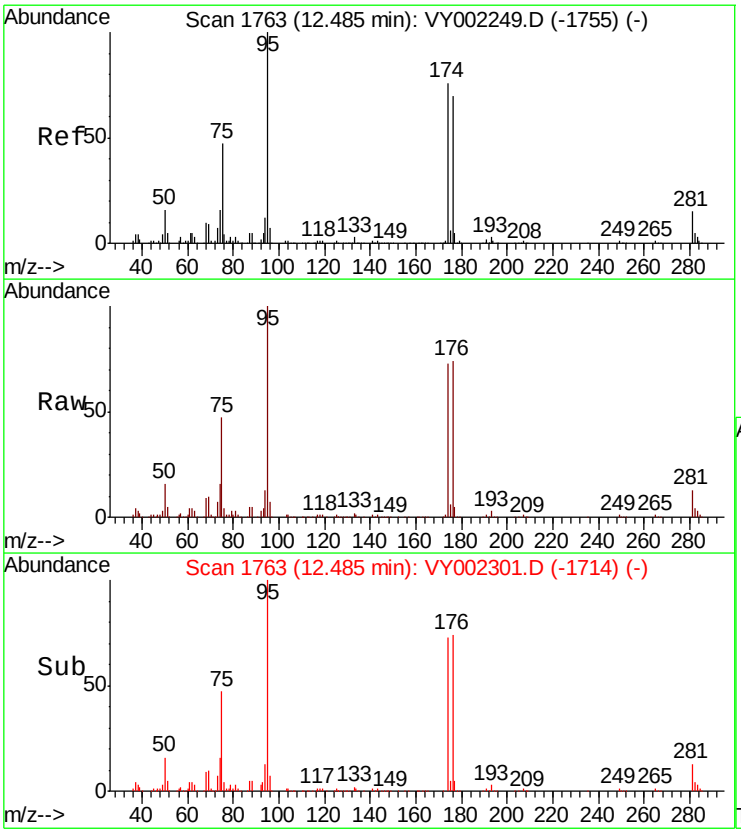

#61
1,2-Dibromoethane
Concen: 18.849 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:107 Resp: 31062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.5 | 75.6 | 113.4 |

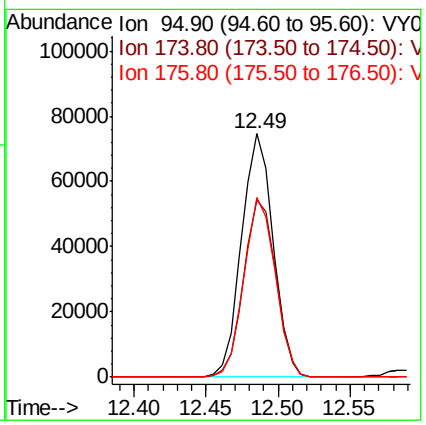


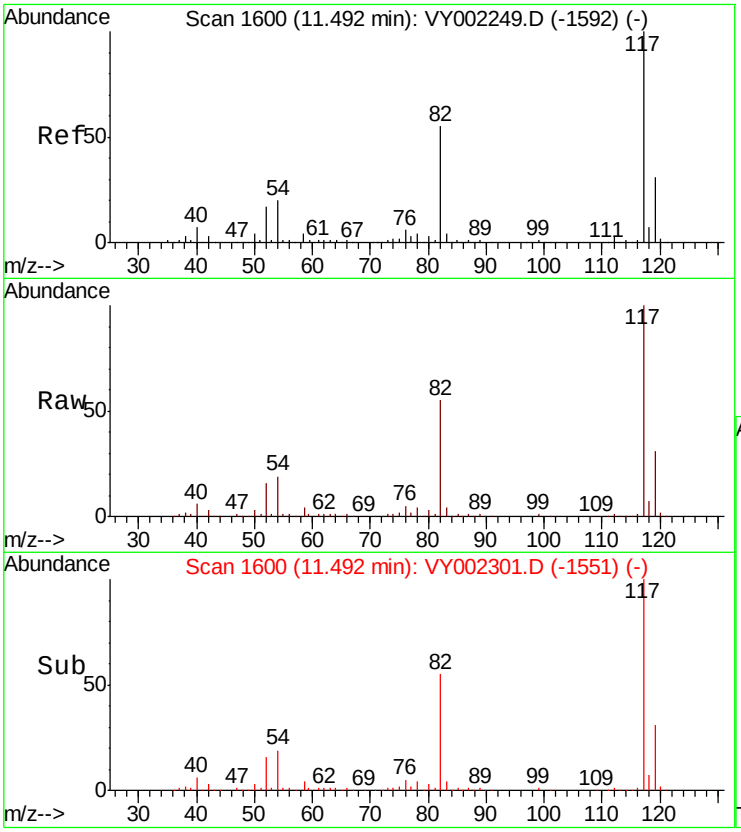




#62
4-Bromofluorobenzene
Concen: 45.249 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 95 Resp: 113387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.3 | 0.0 | 150.6 |
| 176 | 73.2 | 0.0 | 141.4 |



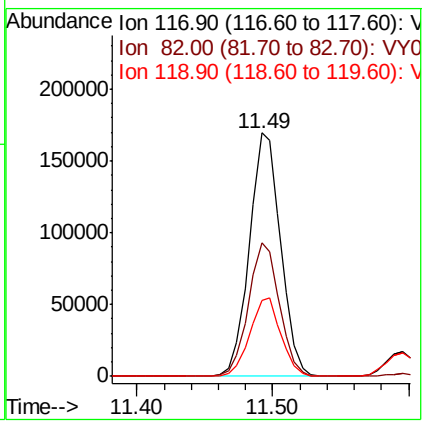


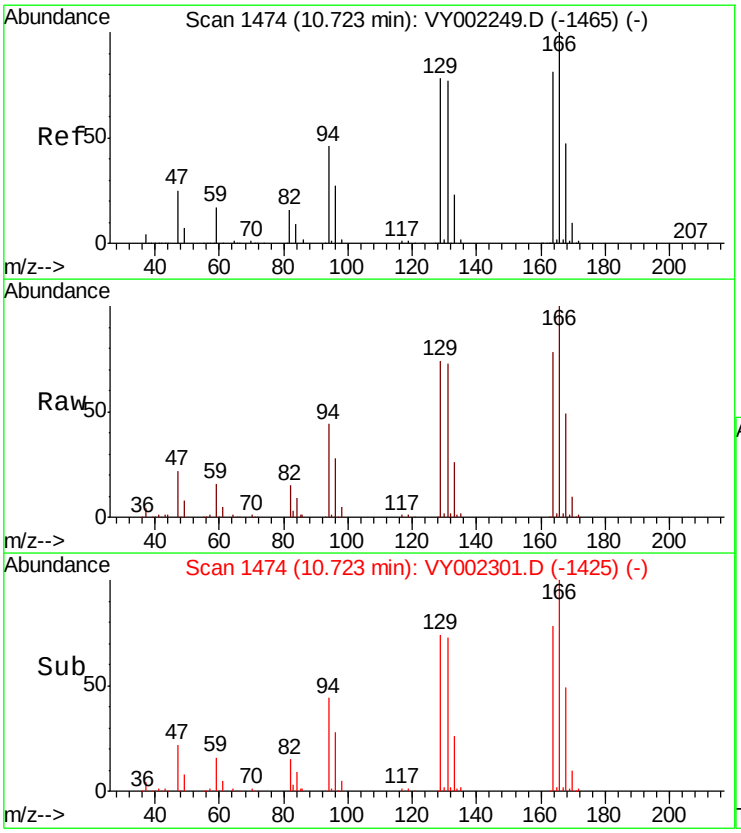

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:117 Resp: 272941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.6 | 44.2 | 66.4 |
| 119 | 31.4 | 25.1 | 37.7 |

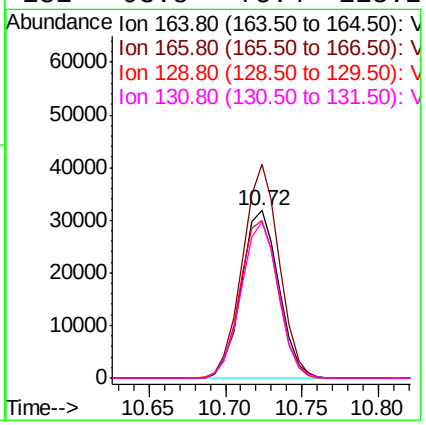


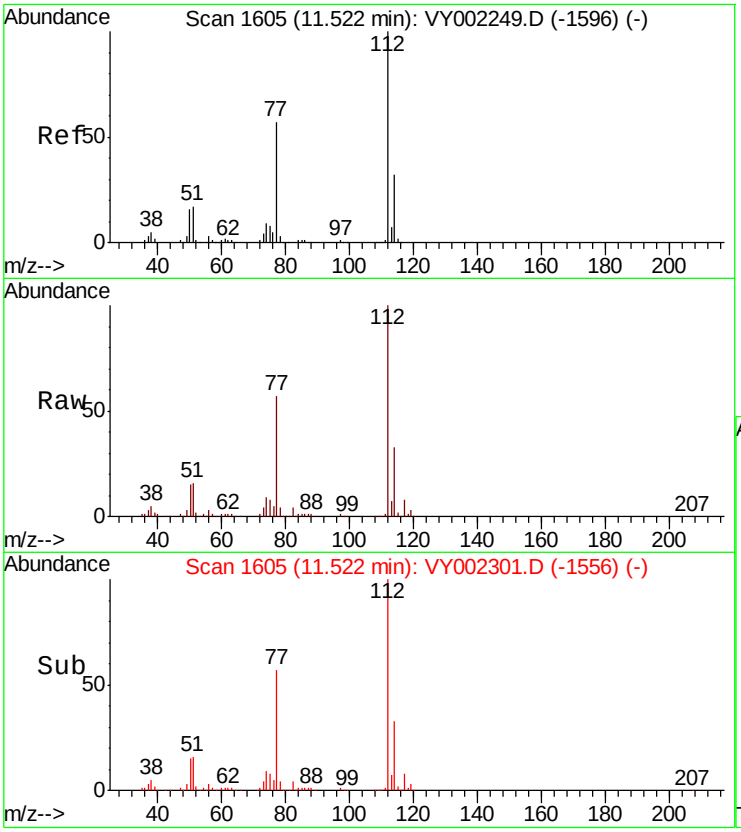




#64
Tetrachloroethene
Concen: 19.615 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:164 Resp: 54127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.8 | 98.4 | 147.6 |
| 129 | 94.6 | 76.6 | 115.0 |
| 131 | 93.8 | 75.4 | 113.2 |



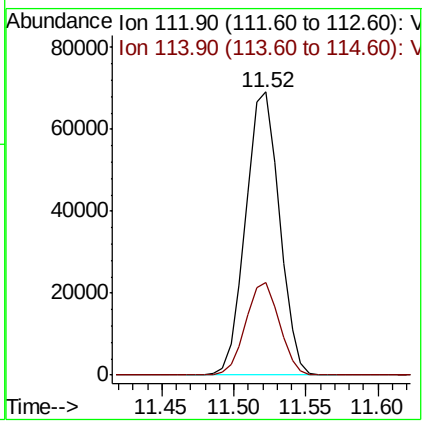


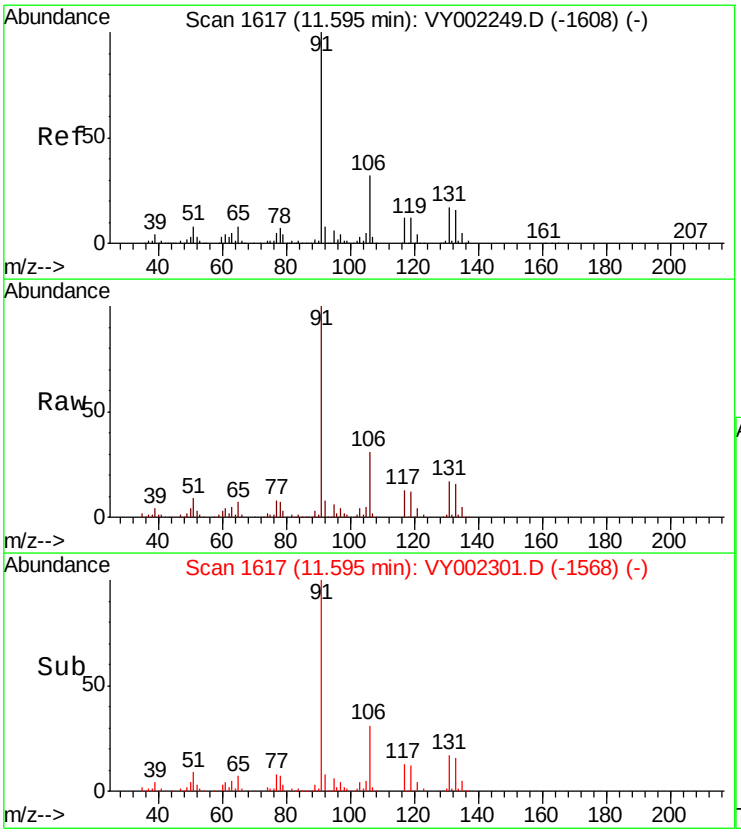

#65
Chlorobenzene
Concen: 19.715 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:112 Resp: 111856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.9 | 25.6 | 38.4 |

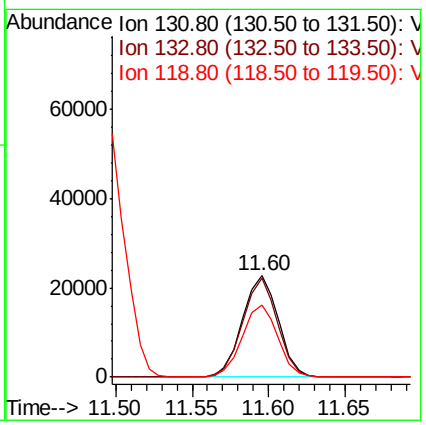


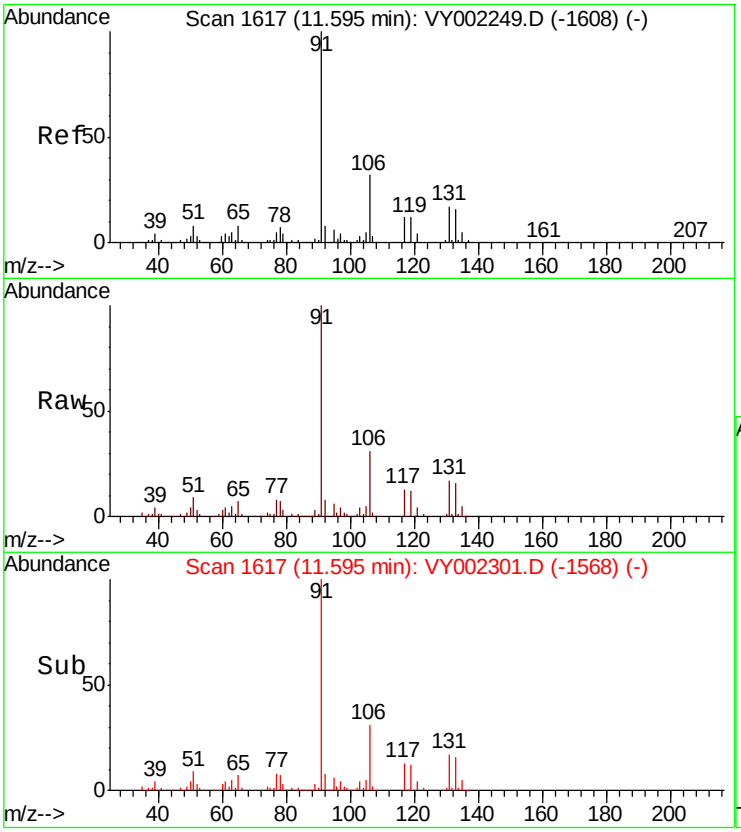




#66
1,1,1,2-Tetrachloroethane
Concen: 19.778 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:131 Resp: 37048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.5 | 46.5 | 139.3 |
| 119 | 70.1 | 34.5 | 103.6 |



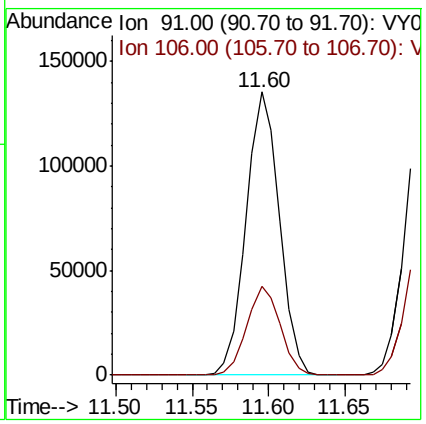


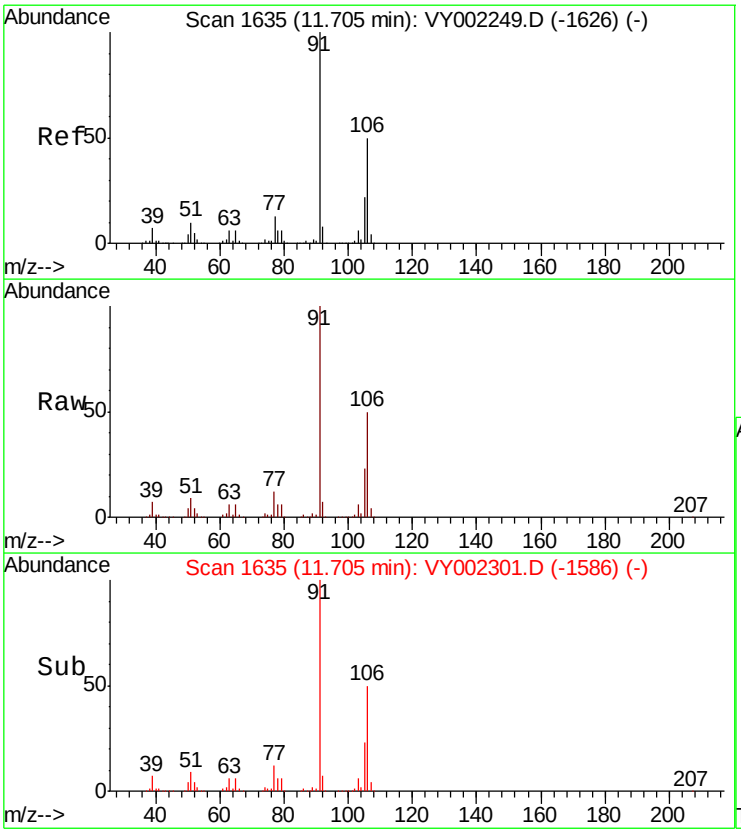

#67
Ethyl Benzene
Concen: 19.764 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 91 Resp: 205283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.2 | 25.4 | 38.0 |

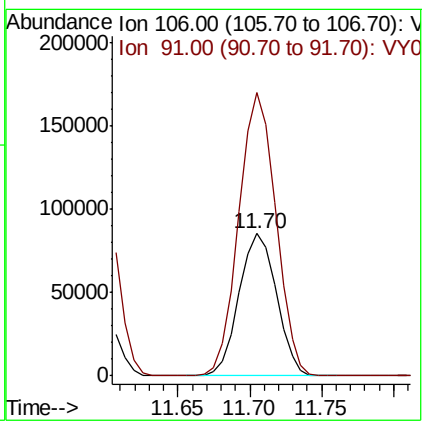


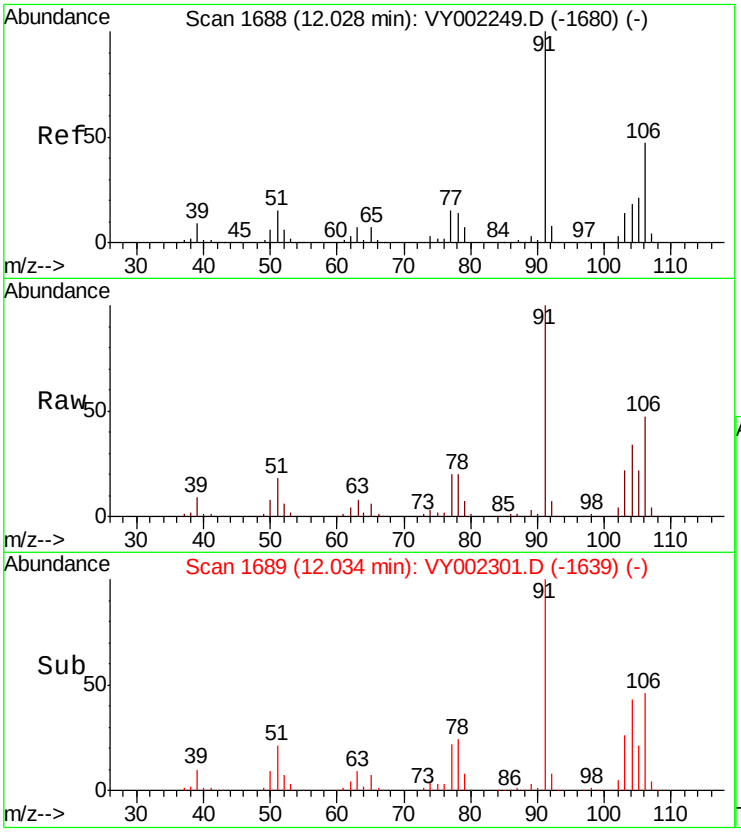




#68
m/p-Xylenes
Concen: 39.673 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:106 Resp: 154337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 197.5 | 159.8 | 239.6 |



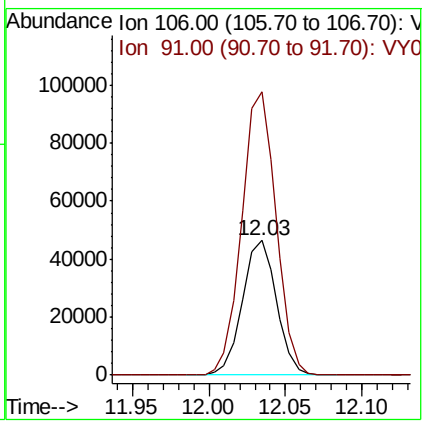


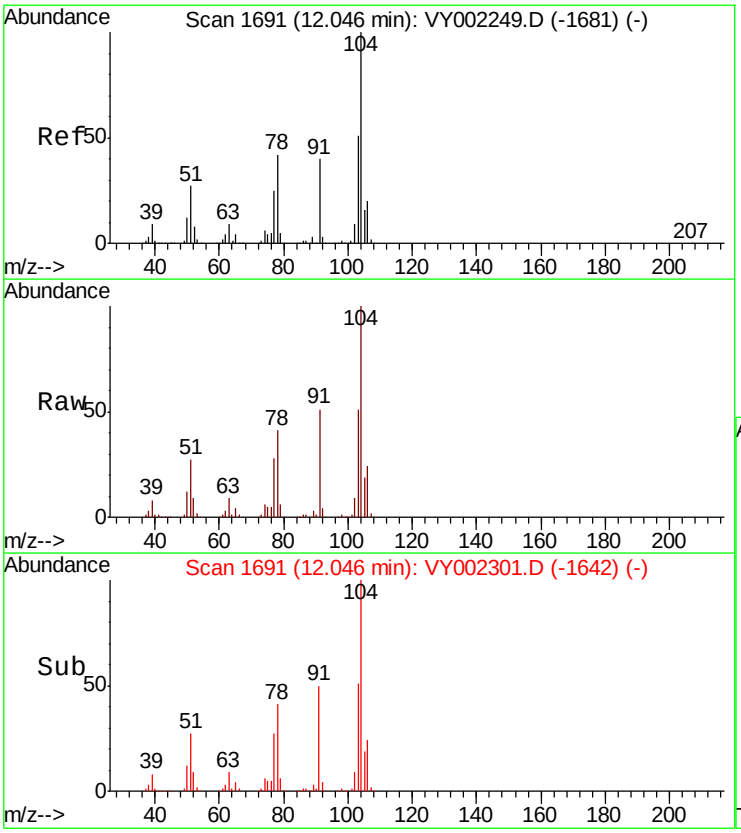

#69
o-Xylene
Concen: 19.639 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:106 Resp: 71727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.3 | 105.8 | 317.3 |

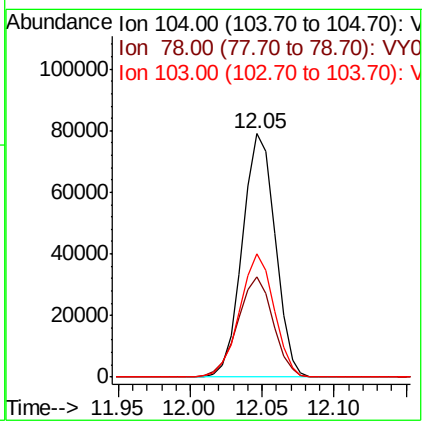


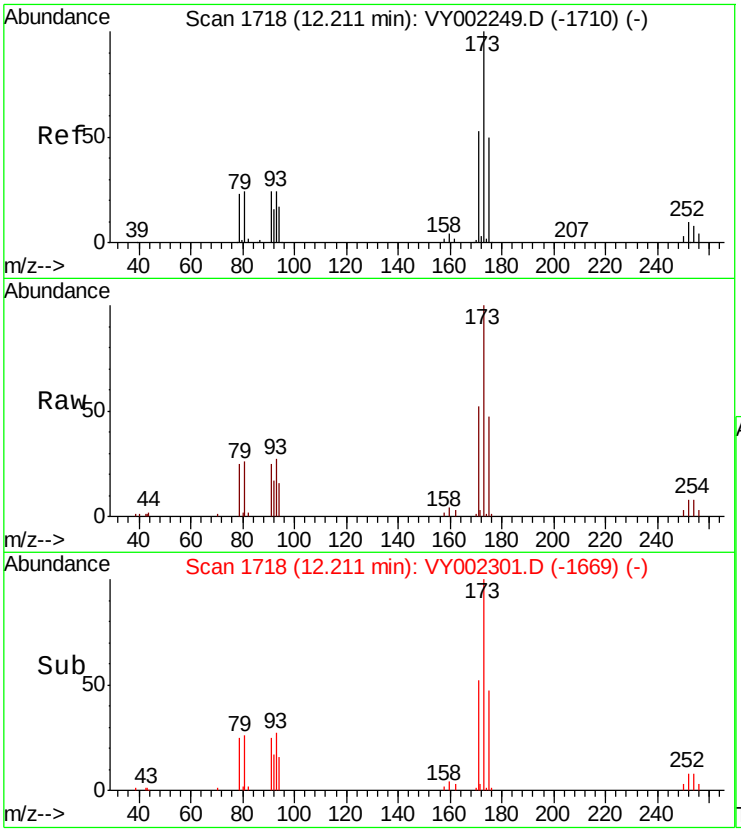




#70
Styrene
Concen: 19.630 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:104 Resp: 124385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 44.5 | 37.2 | 55.8 |
| 103 | 53.4 | 43.4 | 65.0 |



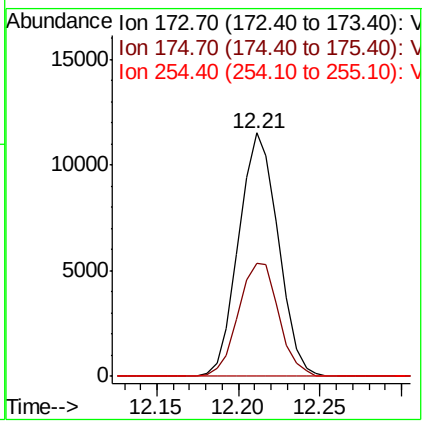


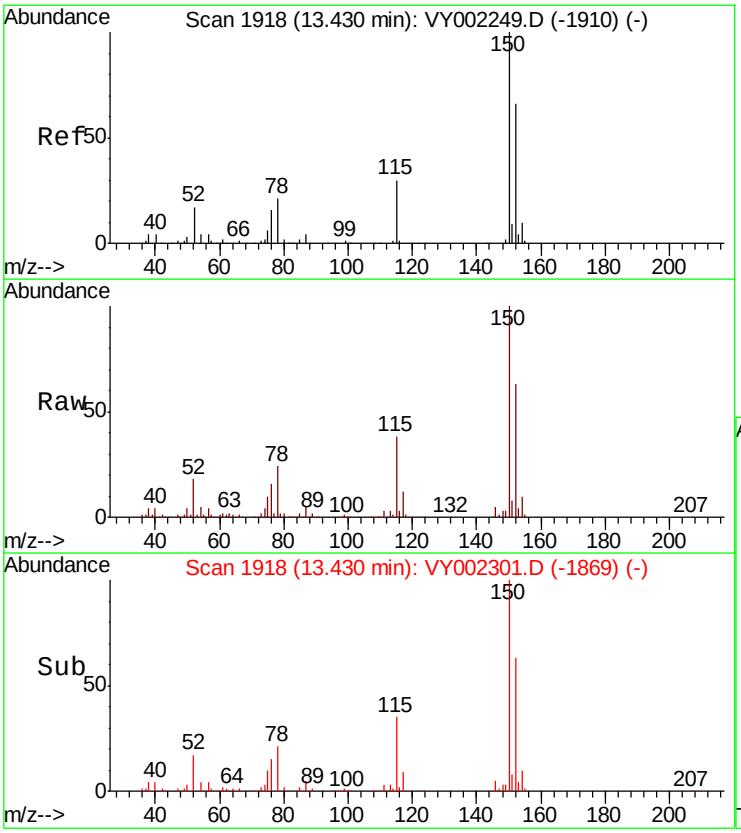

#71
Bromoform
Concen: 18.981 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:173 Resp: 19335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.5 | 24.1 | 72.3 |
| 254 | 0.0 | 0.0 | 0.0 |

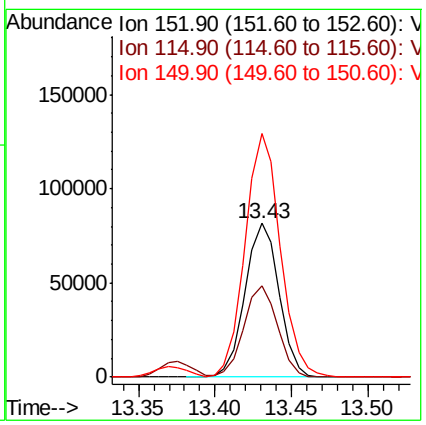


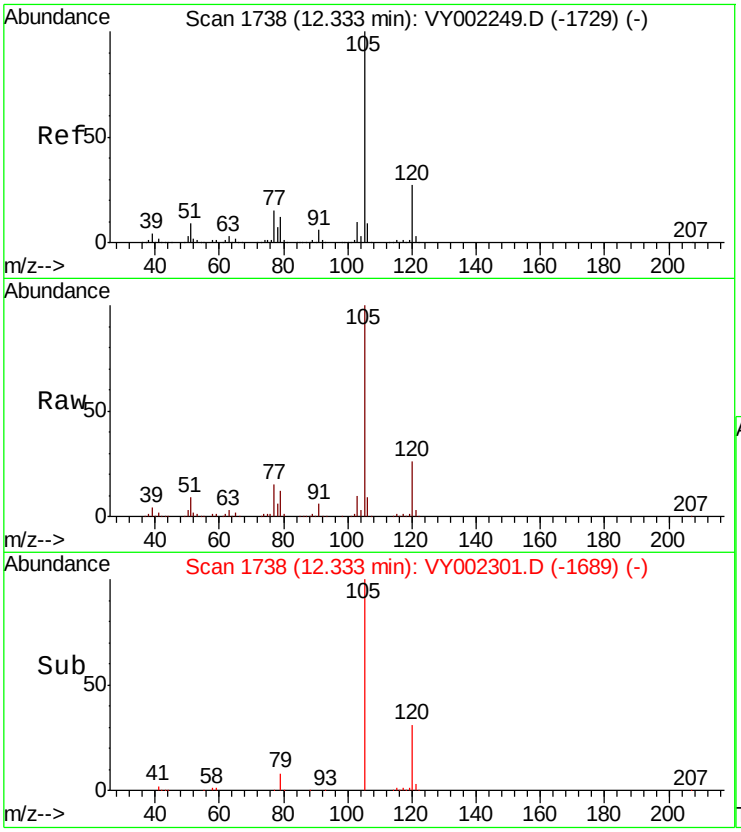




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:152 Resp: 125829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.0 | 30.7 | 92.1 |
| 150 | 164.1 | 0.0 | 350.6 |



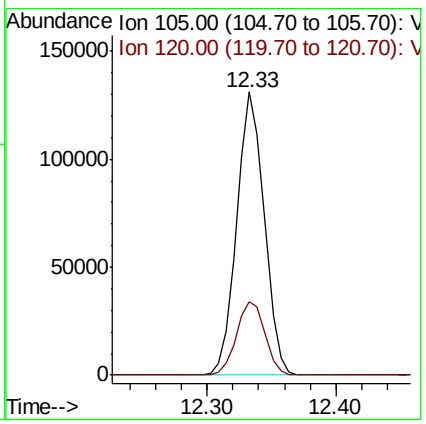


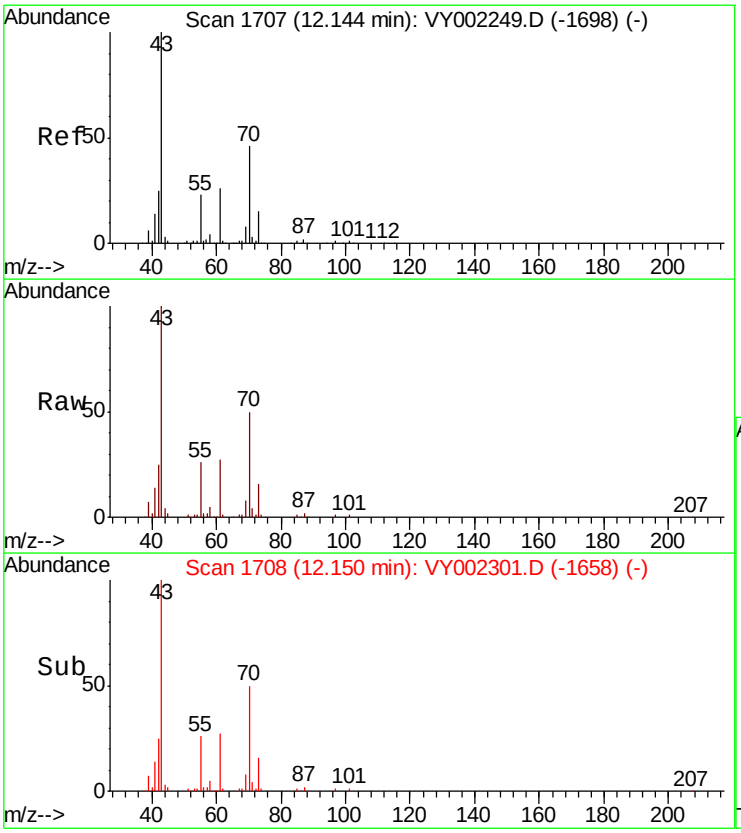

#73
Isopropylbenzene
Concen: 19.524 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:105 Resp: 192995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.3 | 39.8 |

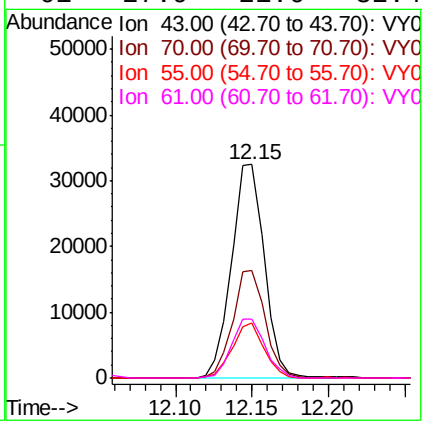


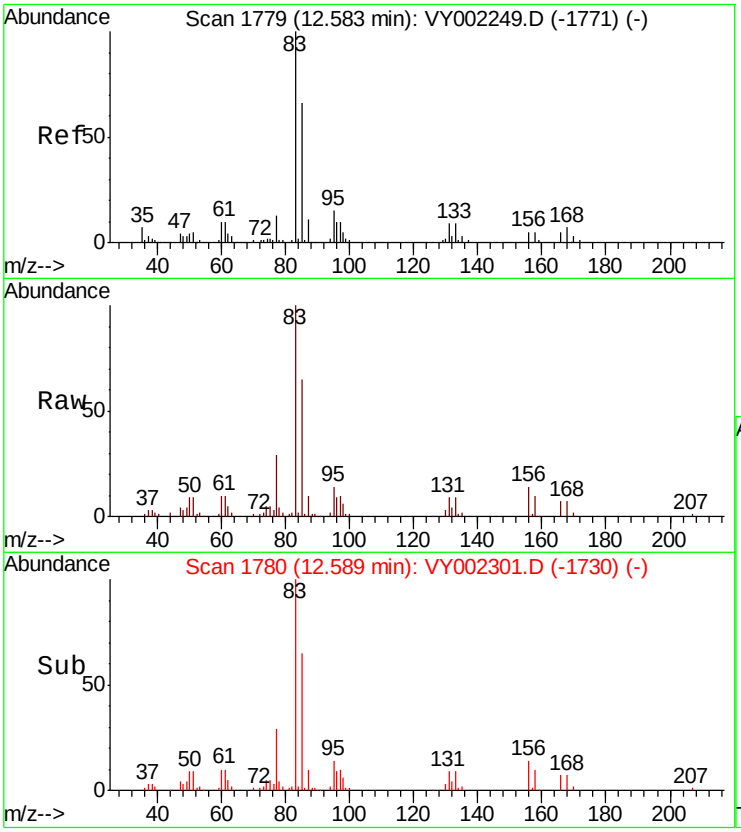




#74
N-amyl acetate
Concen: 17.198 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 43 Resp: 48258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 49.7 | 37.5 | 56.3 |
| 55 | 25.2 | 19.0 | 28.6 |
| 61 | 27.9 | 21.6 | 32.4 |



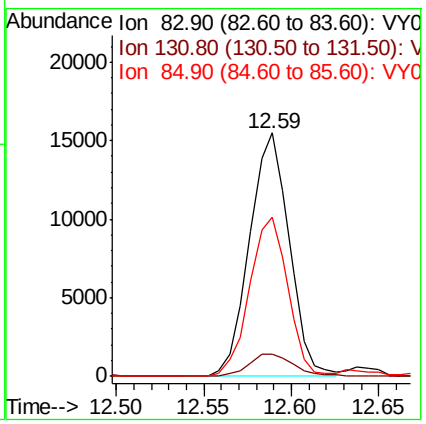


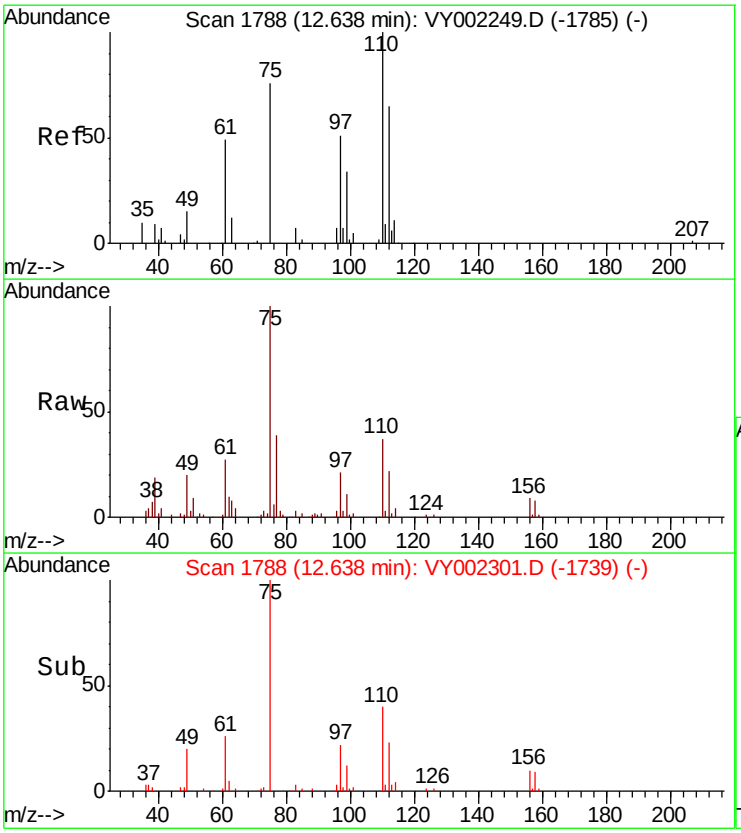

#75
1,1,2,2-Tetrachloroethane
Concen: 20.465 ug/l
RT: 12.59 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion: 83 Resp: 24476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.3 | 4.9 | 14.7 |
| 85 | 62.7 | 32.6 | 97.8 |

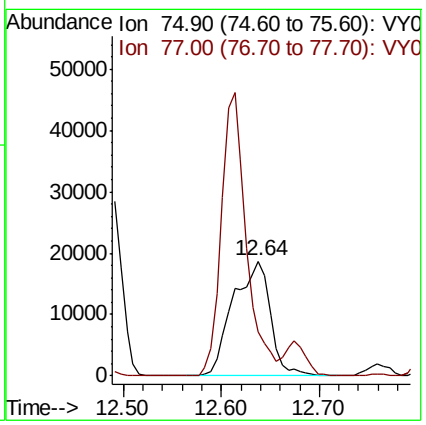


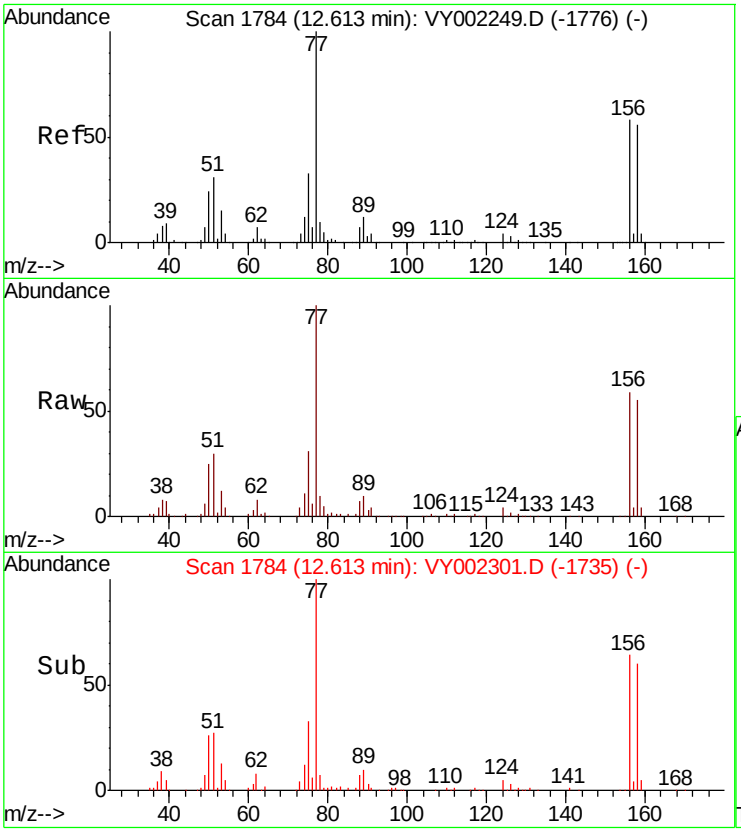




#76
1,2,3-Trichloropropane
Concen: 33.962 ug/l
RT: 12.64 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 75 Resp: 49624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 0.0 | 0.0 |



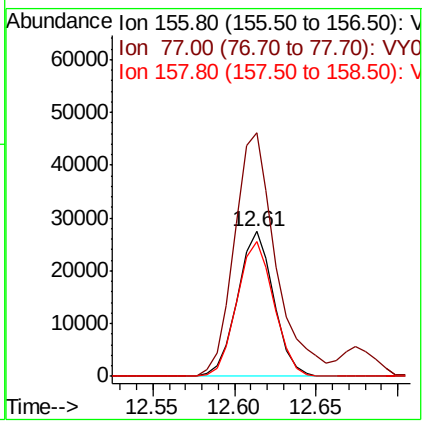


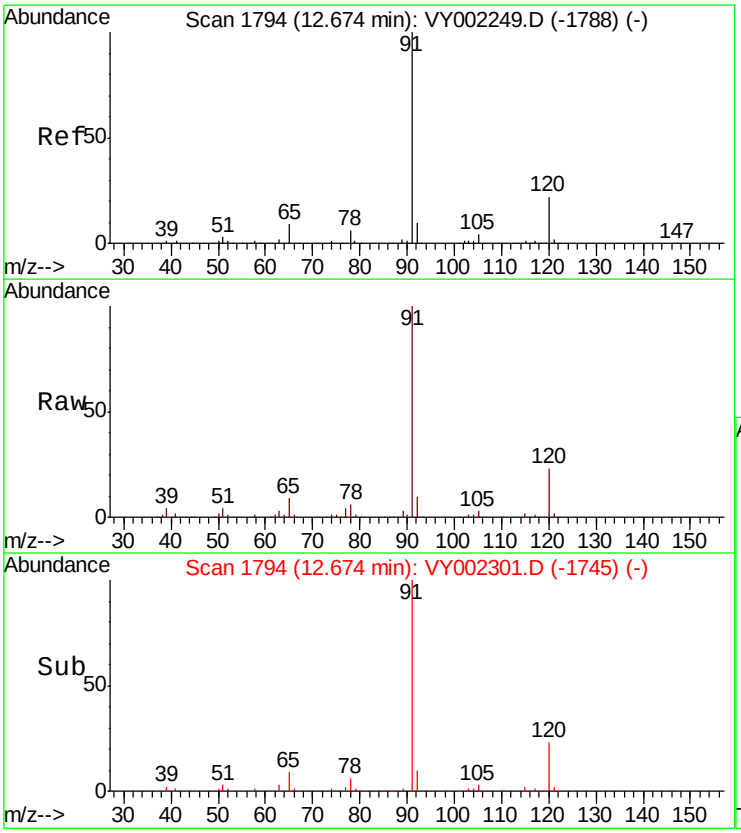

#77
Bromobenzene
Concen: 19.504 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:156 Resp: 42419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 193.4 | 101.3 | 303.9 |
| 158 | 94.8 | 48.3 | 144.8 |

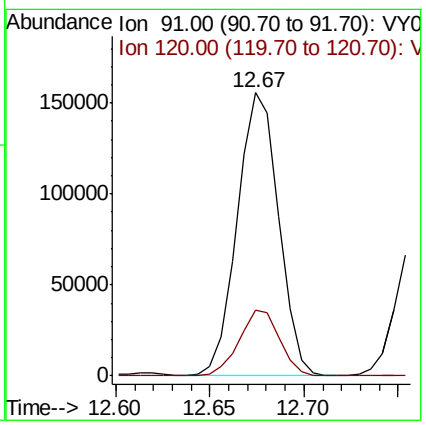


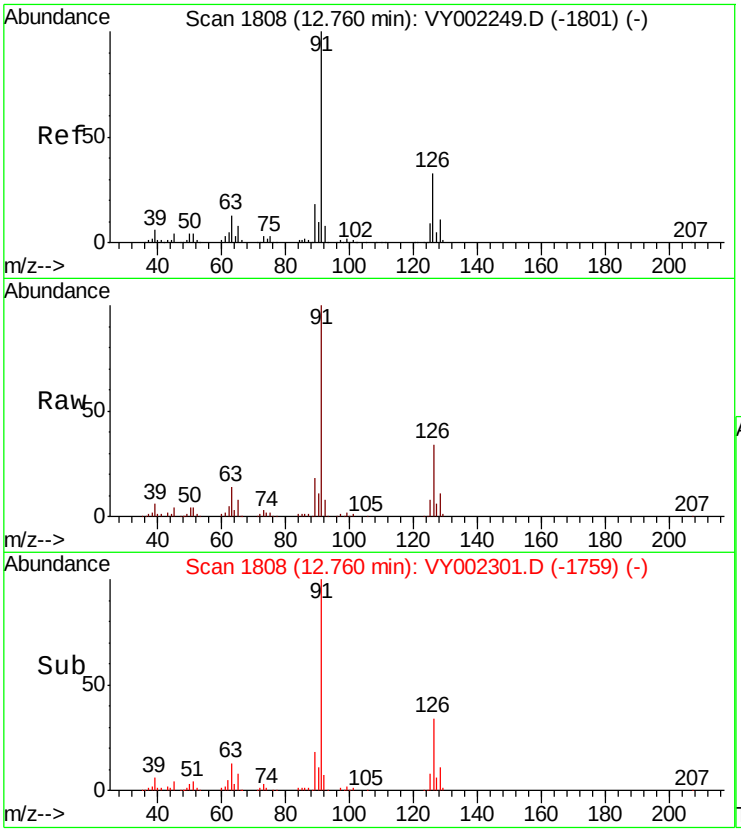




#78
n-propylbenzene
Concen: 19.253 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 91 Resp: 236705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.8 | 11.2 | 33.5 |



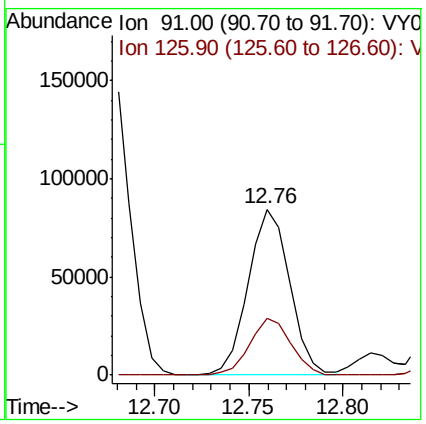


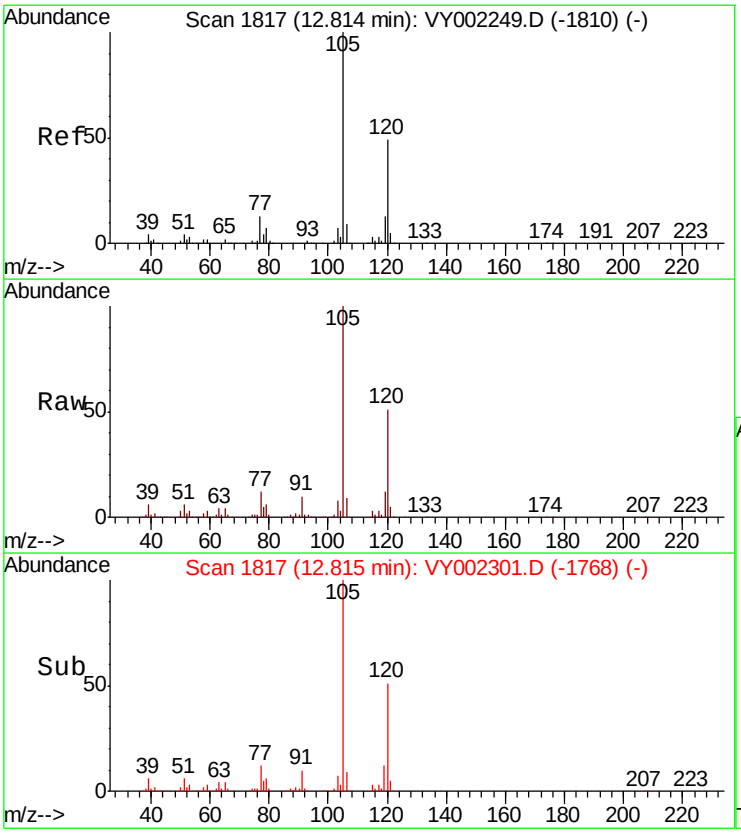

#79
2-Chlorotoluene
Concen: 19.342 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 91 Resp: 129232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.3 | 16.9 | 50.7 |

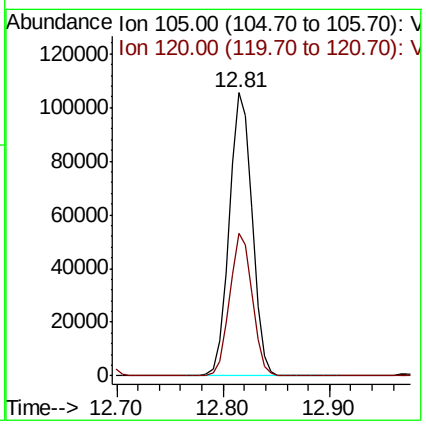


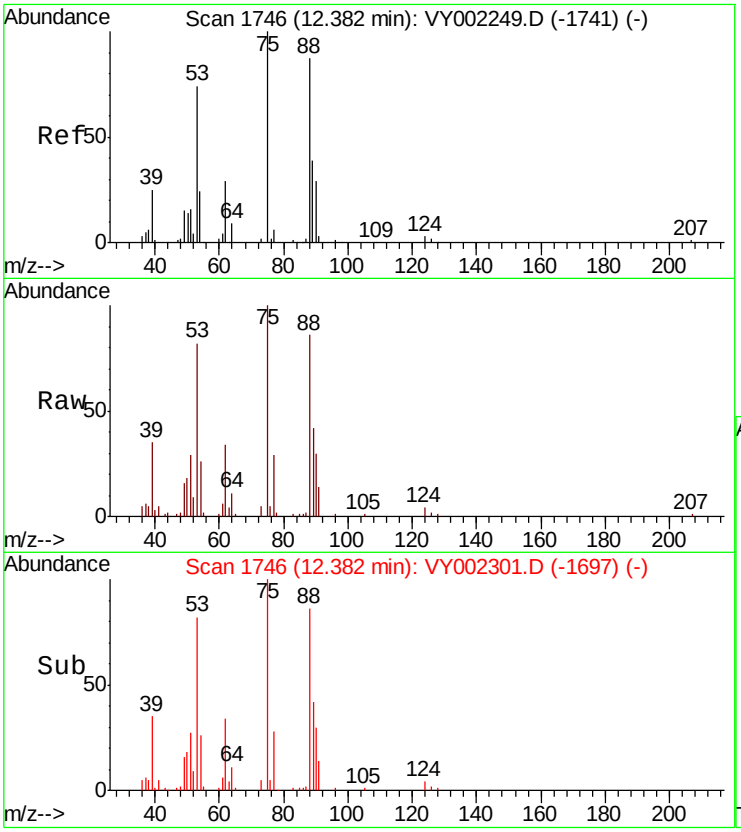




#80
1,3,5-Trimethylbenzene
Concen: 19.455 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:105 Resp: 159053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.9 | 24.7 | 74.1 |



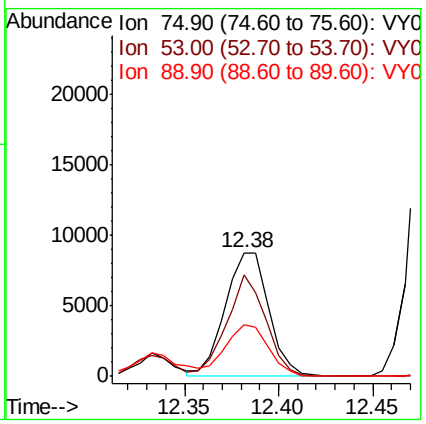


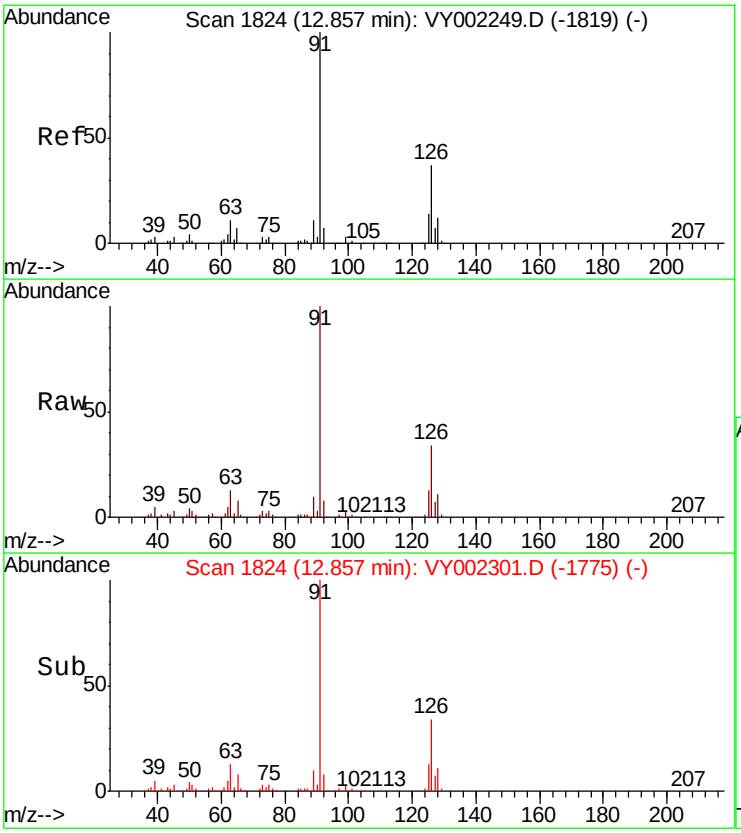

#81
trans-1,4-Dichloro-2-butene
Concen: 18.844 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 75 Resp: 14156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 73.0 | 59.8 | 89.8 |
| 89 | 41.0 | 37.0 | 55.6 |

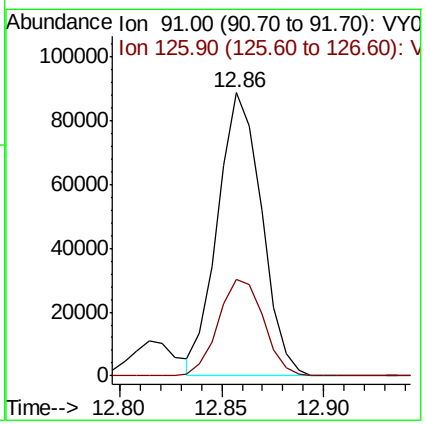


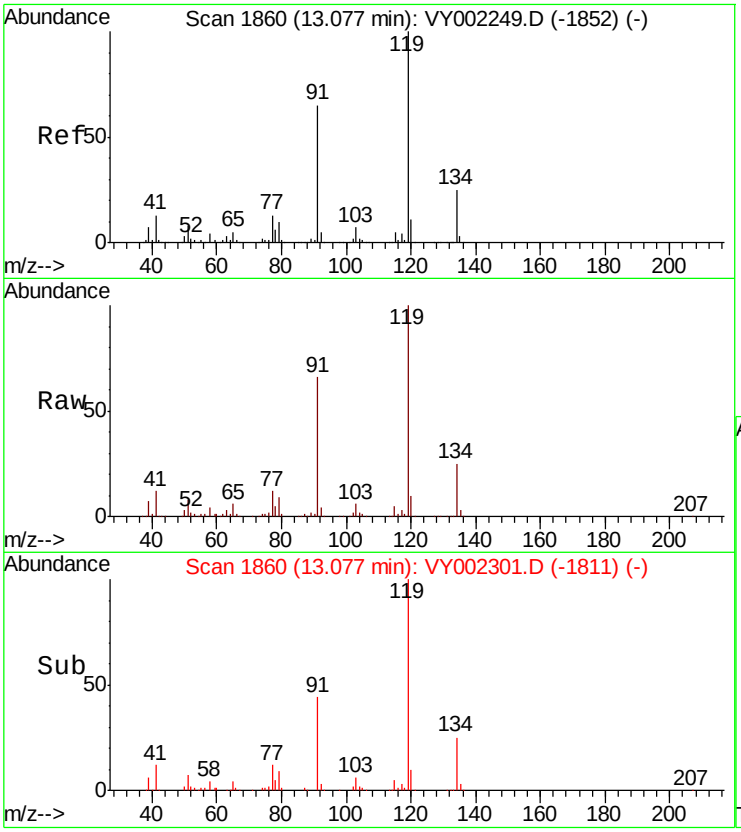




#82
4-Chlorotoluene
Concen: 18.997 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 91 Resp: 133031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.0 | 16.9 | 50.7 |



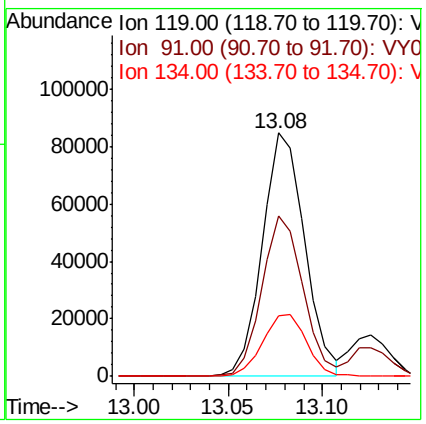


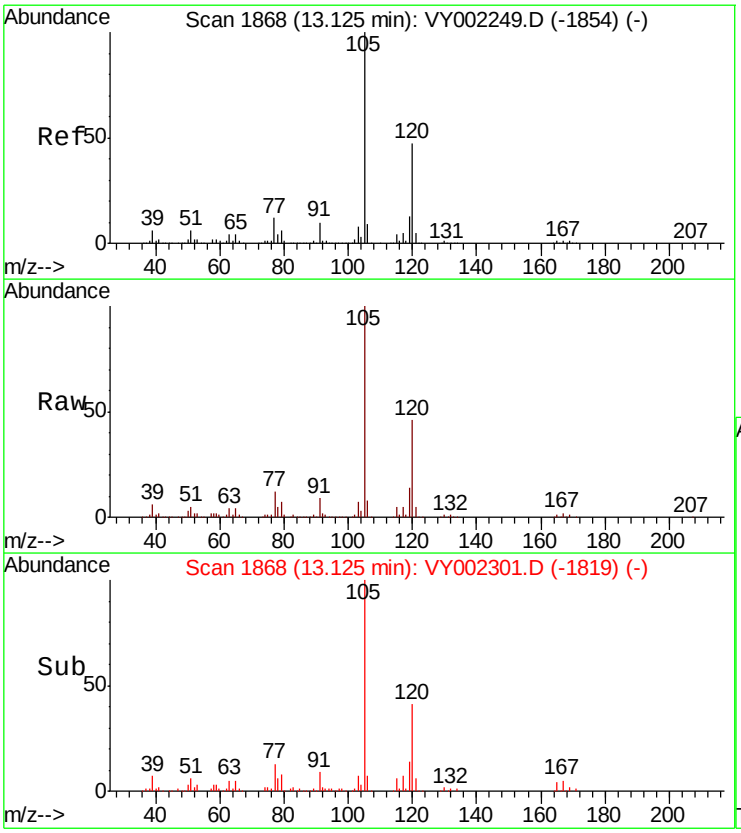

#83
tert-Butylbenzene
Concen: 19.324 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0414SBS01

Tgt Ion:119 Resp: 132332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.1 | 32.4 | 97.0 |
| 134 | 26.4 | 12.6 | 37.6 |

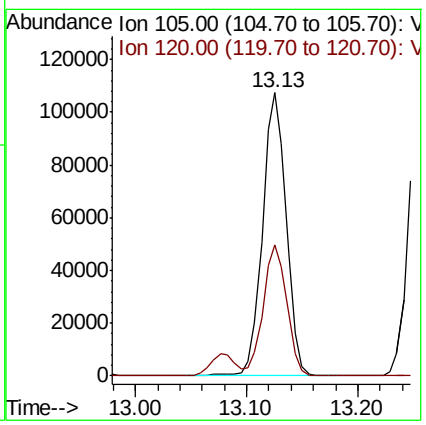


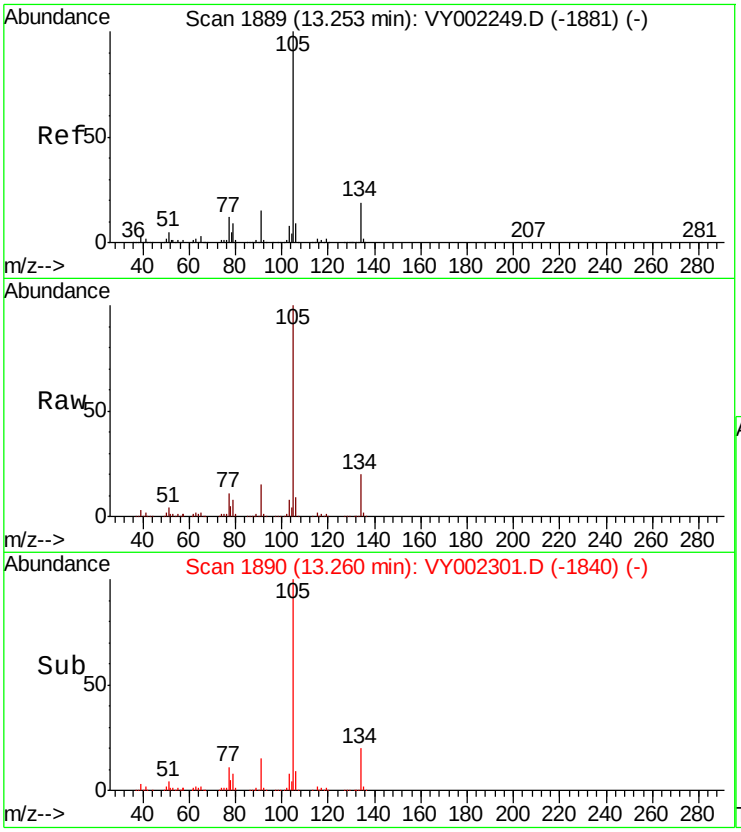




#84
1,2,4-Trimethylbenzene
Concen: 19.560 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:105 Resp: 159685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.2 | 23.1 | 69.2 |



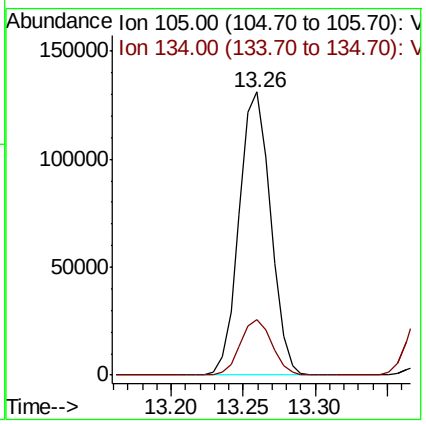


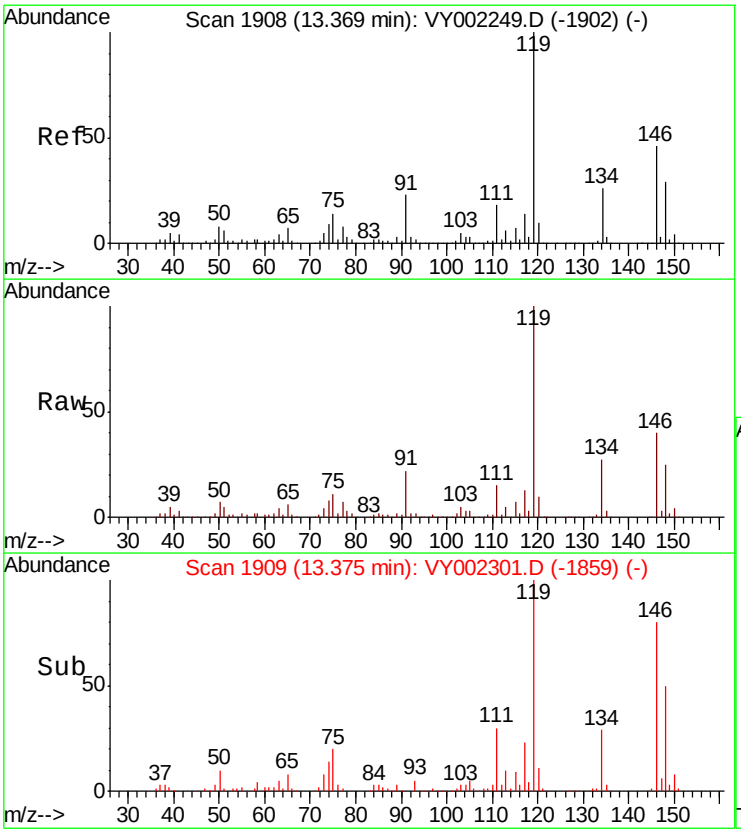

#85
sec-Butylbenzene
Concen: 19.464 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:105 Resp: 198558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.6 | 9.8 | 29.3 |

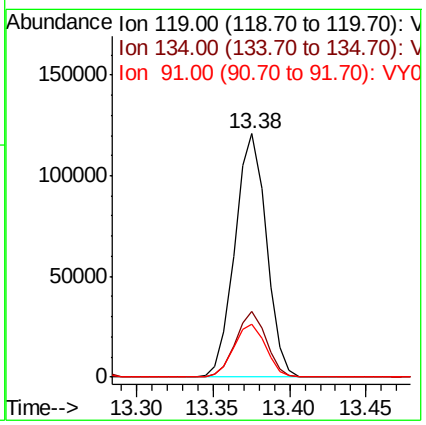


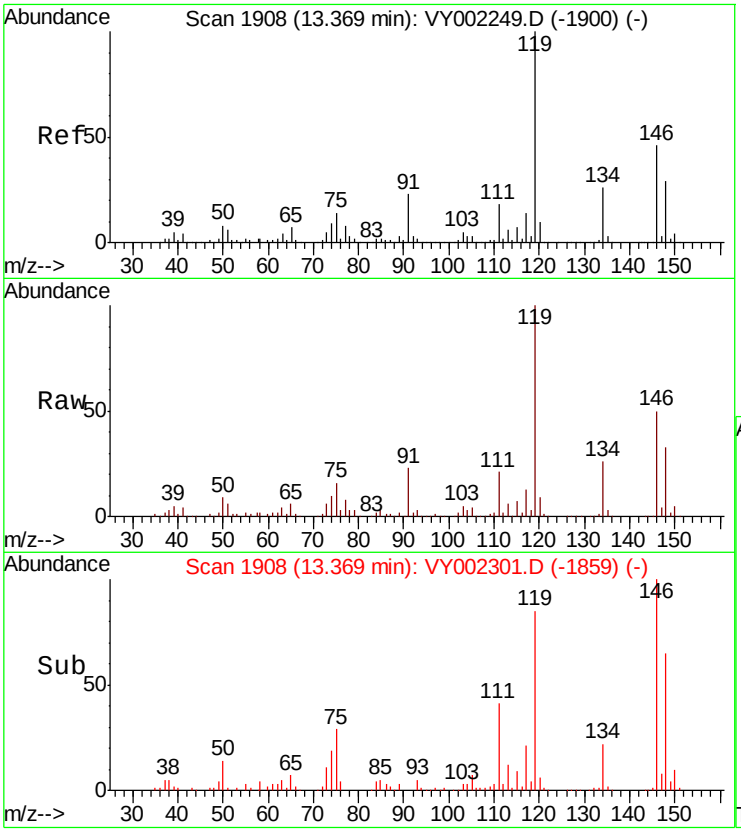




#86
p-Isopropyltoluene
Concen: 19.646 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:119 Resp: 172486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.3 | 13.3 | 39.9 |
| 91 | 22.5 | 11.5 | 34.4 |



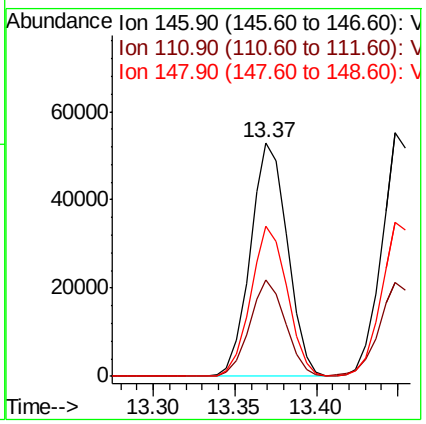


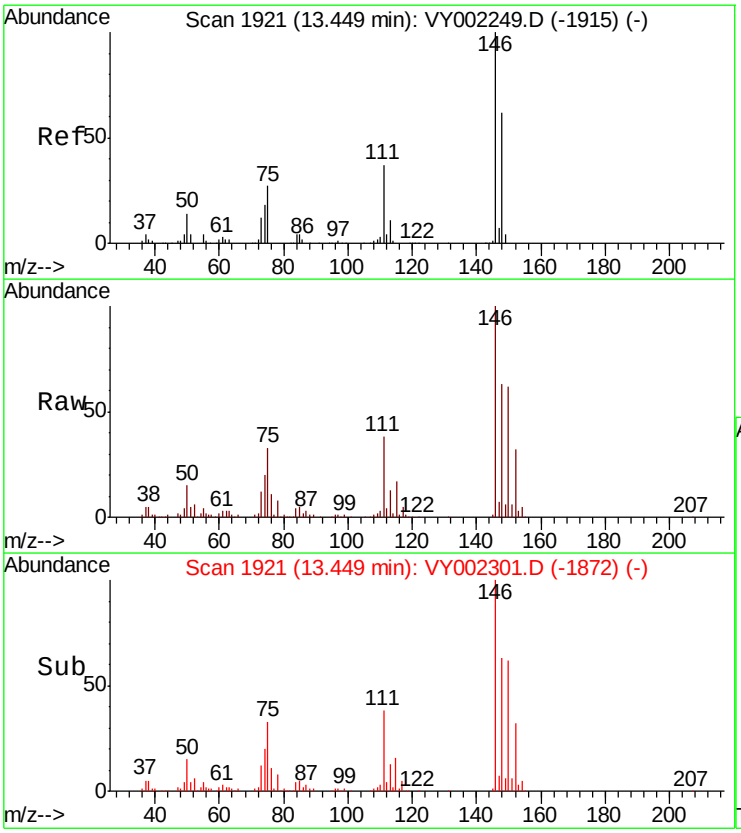

#87
1,3-Dichlorobenzene
Concen: 19.771 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:146 Resp: 83334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.8 | 20.3 | 60.8 |
| 148 | 63.2 | 32.1 | 96.3 |

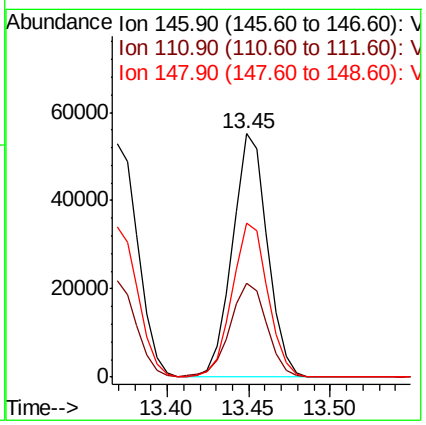


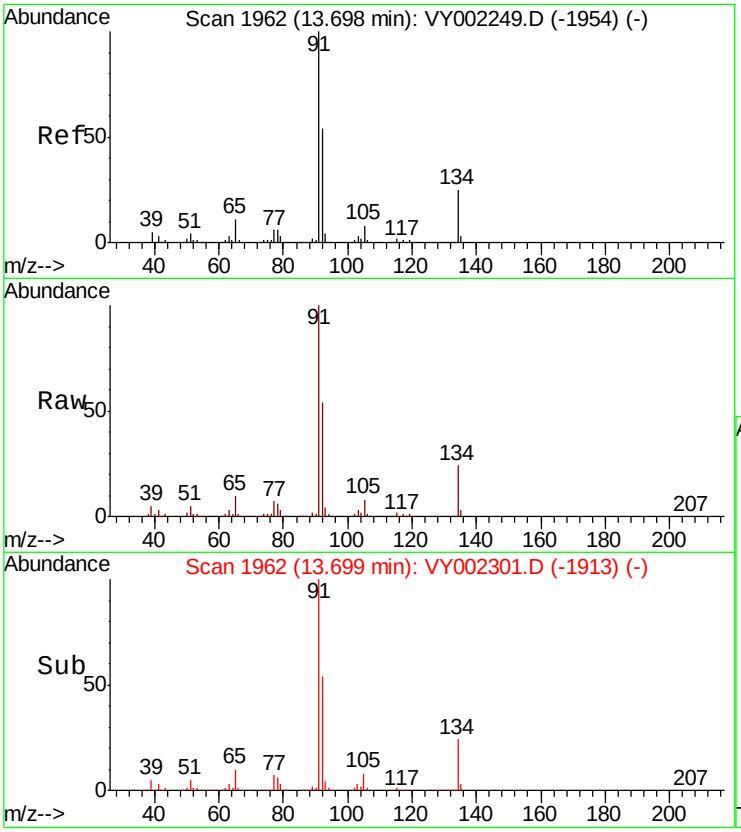




#88
1,4-Dichlorobenzene
Concen: 19.307 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:146 Resp: 82606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.7 | 19.6 | 58.8 |
| 148 | 64.7 | 32.0 | 96.0 |



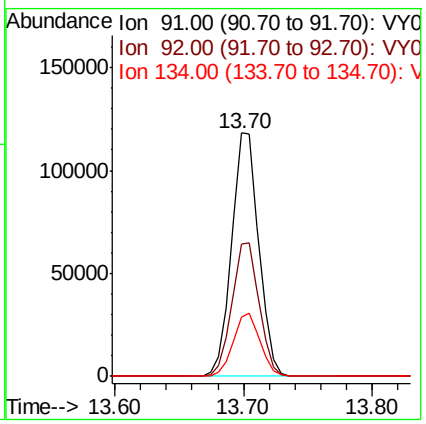


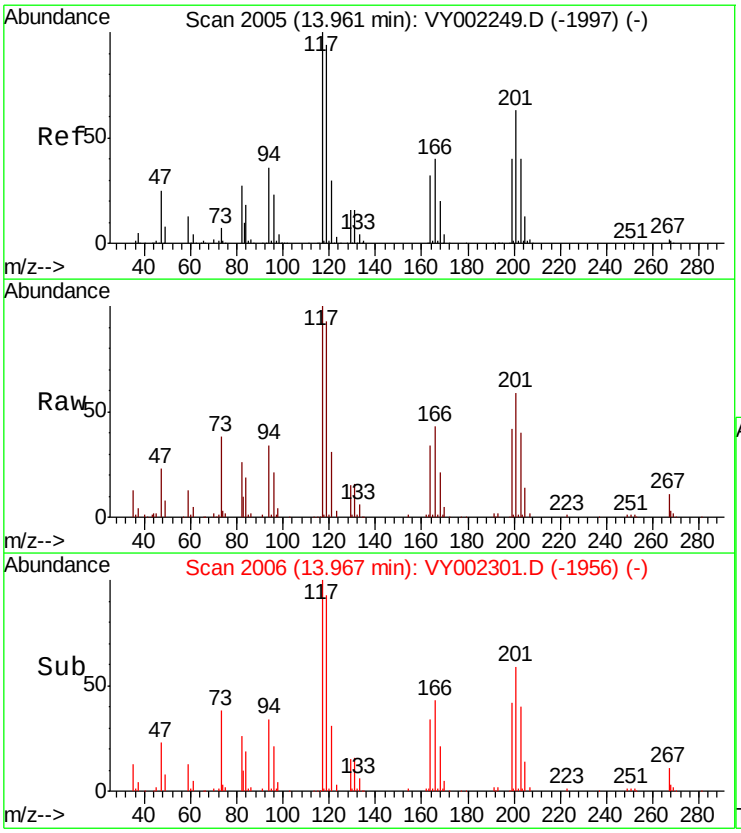

#89
n-Butylbenzene
Concen: 19.244 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion: 91 Resp: 173187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.0 | 27.2 | 81.6 |
| 134 | 25.5 | 12.7 | 38.0 |

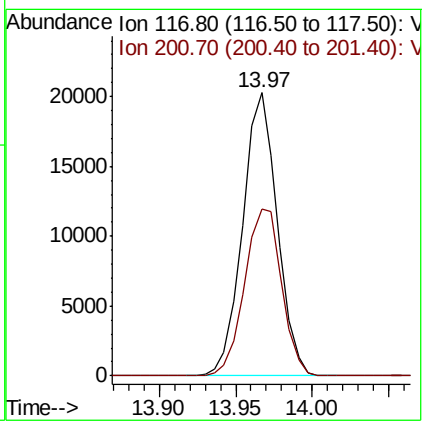


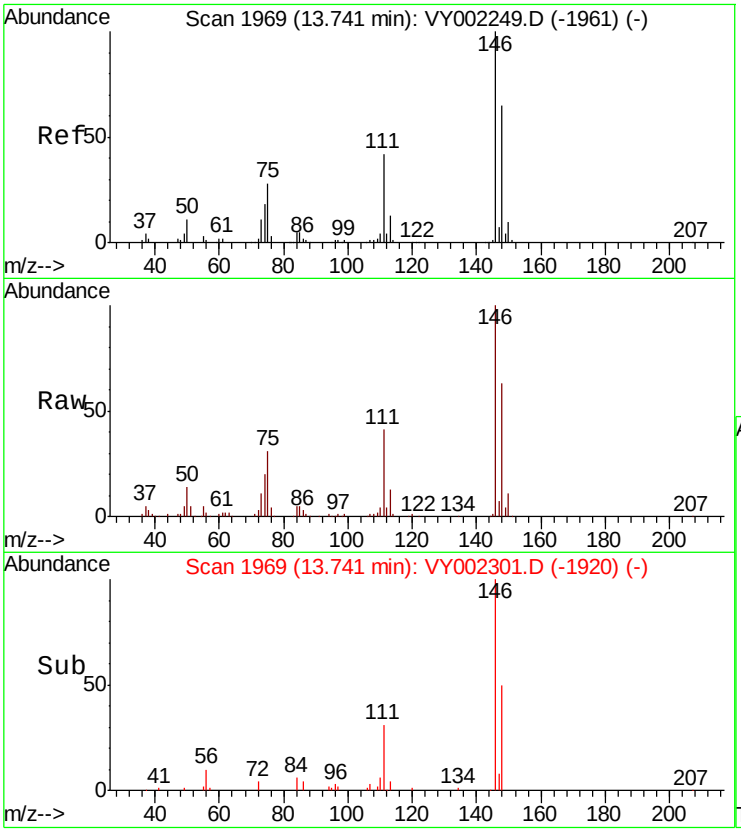




#90
Hexachloroethane
Concen: 19.094 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:117 Resp: 31945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 63.2 | 33.1 | 99.2 |



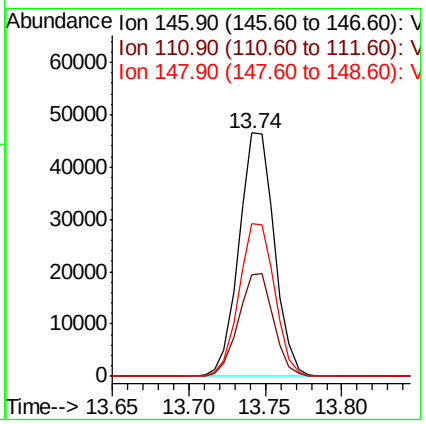


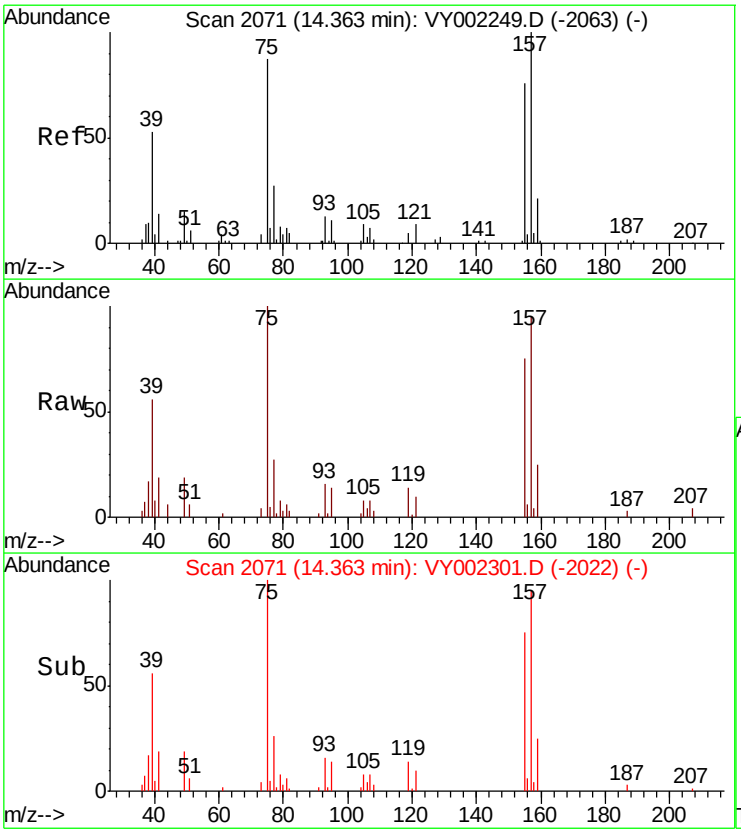

#91
1,2-Dichlorobenzene
Concen: 19.461 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:146 Resp: 74536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.7 | 21.1 | 63.1 |
| 148 | 63.1 | 31.9 | 95.9 |

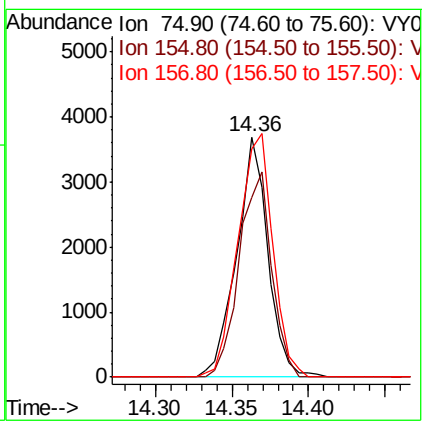


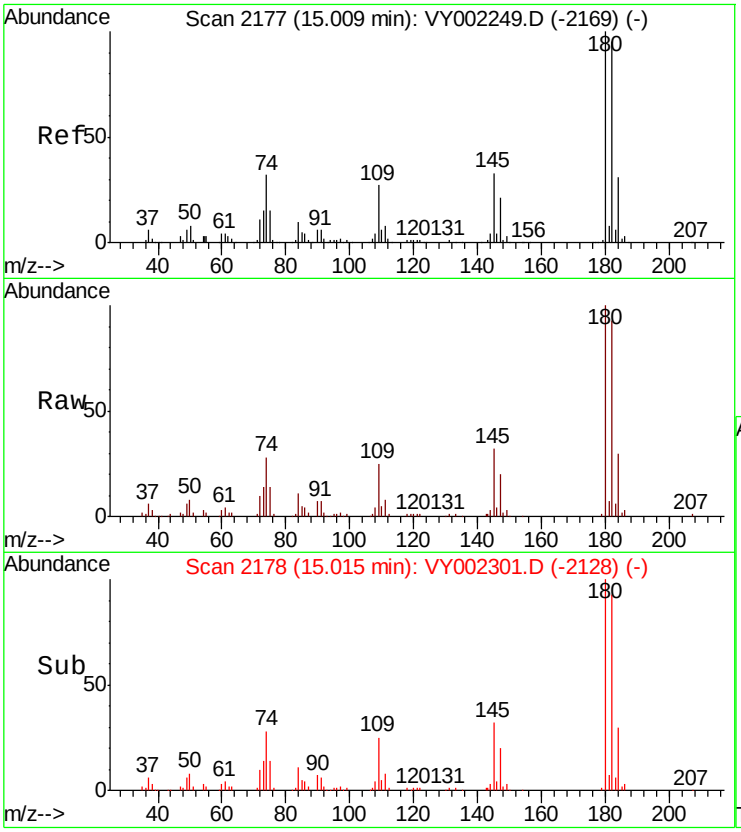




#92
1,2-Dibromo-3-Chloropropane
Concen: 18.084 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 75 Resp: 5231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 88.5 | 43.6 | 130.8 |
| 157 | 112.7 | 56.0 | 168.2 |



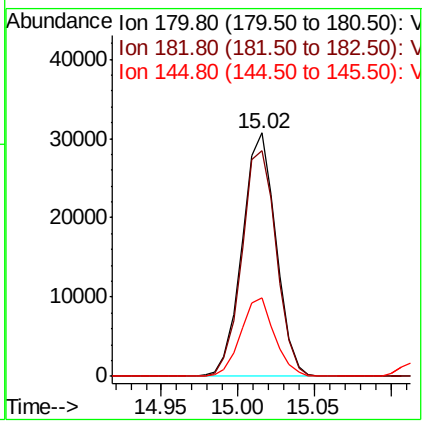


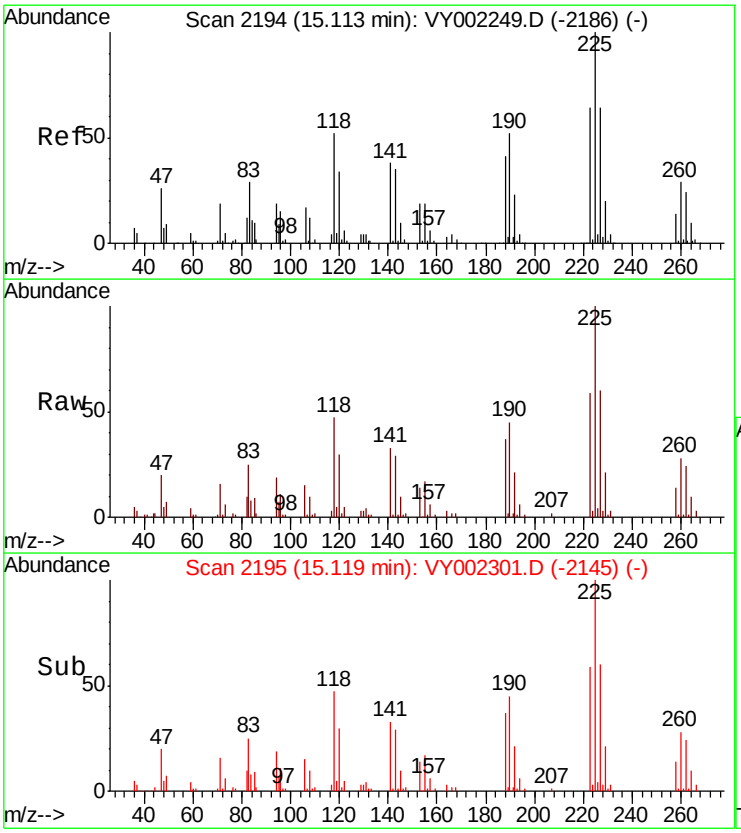

#93
1,2,4-Trichlorobenzene
Concen: 18.837 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:180 Resp: 47155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 47.9 | 143.7 |
| 145 | 32.0 | 16.0 | 48.0 |

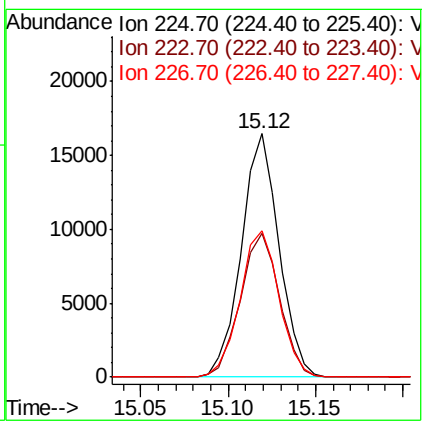


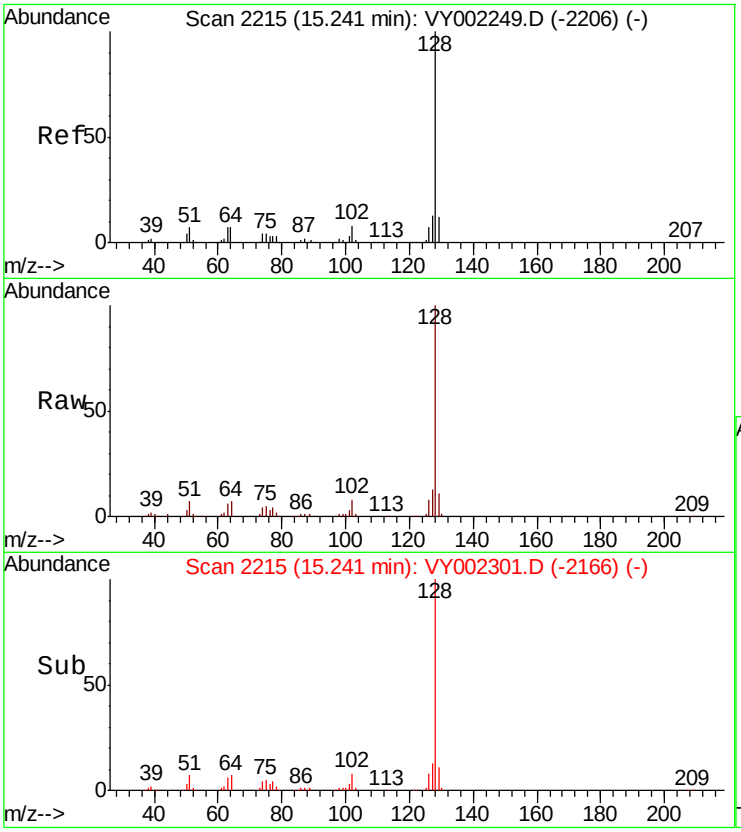




#94
Hexachlorobutadiene
Concen: 19.493 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:225 Resp: 24578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.7 | 31.0 | 93.0 |
| 227 | 62.2 | 31.3 | 93.9 |



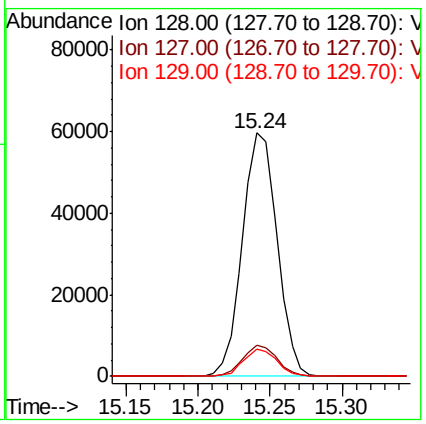


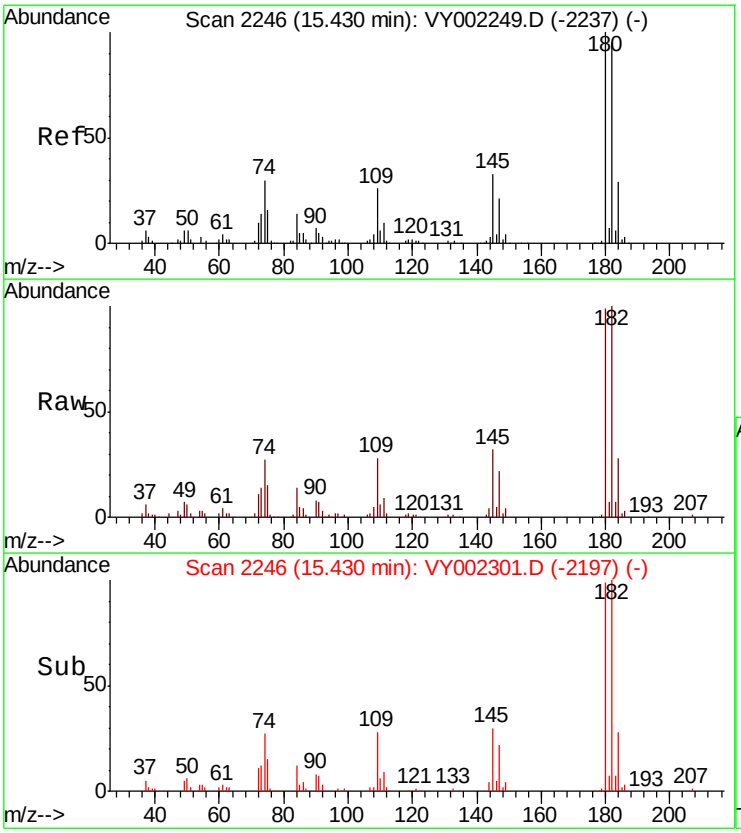

#95
Naphthalene
Concen: 18.166 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0414SBS01

Tgt Ion:128 Resp: 99571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.5 | 10.1 | 15.1 |
| 129 | 10.9 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 18.335 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:180 Resp: 39855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 47.1 | 141.3 |
| 145 | 33.6 | 16.7 | 50.1 |