Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003160.D
Acq On : 10 Jul 2020 12:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Quant Time: Jul 10 13:06:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 468995 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 675461 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 623605 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 329497 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.14 | 65 | 404838 | 90.42 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 180.84% | | | |
| 35) Dibromofluoromethane | 7.72 | 113 | 402983 | 98.13 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 196.26% | | | |
| 50) Toluene-d8 | 10.18 | 98 | 1460923 | 95.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 191.82% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 524516 | 97.68 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 195.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.90 | 85 | 309950 | 90.113 | ug/l | 97 |
| 3) Chloromethane | 2.12 | 50 | 432882 | 84.678 | ug/l | 99 |
| 4) Vinyl Chloride | 2.26 | 62 | 475459 | 95.854 | ug/l | 98 |
| 5) Bromomethane | 2.64 | 94 | 345504 | 101.167 | ug/l | 97 |
| 6) Chloroethane | 2.79 | 64 | 317070 | 99.776 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.13 | 101 | 677916 | 96.674 | ug/l | 99 |
| 8) Diethyl Ether | 3.54 | 74 | 234845 | 97.816 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 418271 | 99.525 | ug/l | 99 |
| 10) Methyl Iodide | 4.10 | 142 | 532716 | 103.871 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.96 | 59 | 208010 | 453.306 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.88 | 96 | 394430 | 98.640 | ug/l | 100 |
| 13) Acrolein | 3.73 | 56 | 176606 | 426.625 | ug/l | 99 |
| 14) Allyl chloride | 4.49 | 41 | 612906 | 89.473 | ug/l | 99 |
| 15) Acrylonitrile | 5.18 | 53 | 577754 | 472.484 | ug/l | 99 |
| 16) Acetone | 3.96 | 43 | 462286 | 441.462 | ug/l | 98 |
| 17) Carbon Disulfide | 4.20 | 76 | 1222174 | 96.222 | ug/l | 100 |
| 18) Methyl Acetate | 4.48 | 43 | 256321 | 90.085 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 5.22 | 73 | 1152793 | 99.625 | ug/l | 99 |
| 20) Methylene Chloride | 4.72 | 84 | 441609 | 73.043 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 5.22 | 96 | 456279 | 100.448 | ug/l | 99 |
| 22) Diisopropyl ether | 6.13 | 45 | 1373511 | 93.008 | ug/l | 98 |
| 23) Vinyl Acetate | 6.07 | 43 | 4685324 | 476.756 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 6.03 | 63 | 776592 | 95.585 | ug/l | 100 |
| 25) 2-Butanone | 6.99 | 43 | 776774 | 464.139 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 687562 | 93.181 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 6.99 | 96 | 505180 | 99.361 | ug/l | 100 |
| 28) Bromochloromethane | 7.35 | 49 | 337348 | 94.603 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.35 | 42 | 523019 | 469.112 | ug/l | 99 |
| 30) Chloroform | 7.52 | 83 | 794786 | 98.302 | ug/l | 100 |
| 31) Cyclohexane | 7.79 | 56 | 706538 | 88.362 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 717820 | 97.464 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 7.93 | 75 | 625561 | 97.764 | ug/l | 100 |
| 37) Ethyl Acetate | 7.08 | 43 | 357450 | 94.834 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.91 | 117 | 662740 | 99.513 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003160.D
Acq On : 10 Jul 2020 12:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Quant Time: Jul 10 13:06:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 798701 | 100.683 | ug/l | | 98 |
| 40) Benzene | 8.16 | 78 | 1754791 | 100.125 | ug/l | | 97 |
| 41) Methacrylonitrile | 7.35 | 41 | 483595 | 240.765 | ug/l | # | 44 |
| 42) 1,2-Dichloroethane | 8.24 | 62 | 534421 | 97.048 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.28 | 43 | 677592 | 94.515 | ug/l | | 99 |
| 44) Trichloroethene | 8.94 | 130 | 526177 | 102.417 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 451724 | 96.223 | ug/l | | 100 |
| 46) Dibromomethane | 9.31 | 93 | 266071 | 100.874 | ug/l | | 99 |
| 47) Bromodichloromethane | 9.50 | 83 | 640104 | 99.588 | ug/l | | 100 |
| 48) Methyl methacrylate | 9.30 | 41 | 312593 | 95.787 | ug/l | | 98 |
| 49) 1,4-Dioxane | 9.30 | 88 | 70317 | 2158.694 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 10.07 | 43 | 1797603 | 484.160 | ug/l | | 100 |
| 52) Toluene | 10.24 | 92 | 1123159 | 101.450 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 676839 | 100.608 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.93 | 75 | 768677 | 99.909 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.64 | 97 | 374091 | 102.426 | ug/l | | 99 |
| 56) Ethyl methacrylate | 10.51 | 69 | 541522 | 103.012 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 10.79 | 76 | 639786 | 99.711 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.78 | 63 | 1310986 | 491.904 | ug/l | | 100 |
| 59) 2-Hexanone | 10.83 | 43 | 1261947 | 486.858 | ug/l | | 100 |
| 60) Dibromochloromethane | 10.99 | 129 | 487510 | 104.047 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.09 | 107 | 371359 | 102.736 | ug/l | | 100 |
| 64) Tetrachloroethene | 10.72 | 164 | 566338 | 107.768 | ug/l | | 98 |
| 65) Chlorobenzene | 11.52 | 112 | 1232455 | 101.441 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 486333 | 102.864 | ug/l | | 100 |
| 67) Ethyl Benzene | 11.59 | 91 | 2258672 | 101.847 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.70 | 106 | 1701472 | 206.251 | ug/l | | 99 |
| 69) o-Xylene | 12.03 | 106 | 803580 | 103.277 | ug/l | | 99 |
| 70) Styrene | 12.04 | 104 | 1394539 | 104.875 | ug/l | | 99 |
| 71) Bromoform | 12.20 | 173 | 325975 | 103.764 | ug/l | | 100 |
| 73) Isopropylbenzene | 12.33 | 105 | 2182120 | 102.329 | ug/l | | 100 |
| 74) N-amyl acetate | 12.14 | 43 | 651021 | 96.057 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 422051 | 98.880 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 583813 | 184.310 | ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 552628 | 101.192 | ug/l | | 99 |
| 78) n-propylbenzene | 12.67 | 91 | 2570719 | 100.484 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.75 | 91 | 1423942 | 99.740 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 1806539 | 101.075 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 162795 | 99.884 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 12.85 | 91 | 1477673 | 99.468 | ug/l | | 100 |
| 83) tert-Butylbenzene | 13.07 | 119 | 1596562 | 101.626 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 1824942 | 101.294 | ug/l | | 98 |
| 85) sec-Butylbenzene | 13.25 | 105 | 2172932 | 100.463 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 2049194 | 102.117 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 1046214 | 102.582 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 13.44 | 146 | 1003851 | 99.839 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.69 | 91 | 1899067 | 99.182 | ug/l | | 99 |
| 90) Hexachloroethane | 13.96 | 117 | 384940 | 97.658 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 13.74 | 146 | 905136 | 99.349 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 65509 | 88.657 | ug/l | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003160.D
Acq On : 10 Jul 2020 12:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Quant Time: Jul 10 13:06:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180 | 634626 | 94.376 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 426336 | 99.334 | ug/l | 99 |
| 95) Naphthalene | 15.23 | 128 | 1087754 | 90.319 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180 | 507163 | 88.426 | ug/l | 98 |

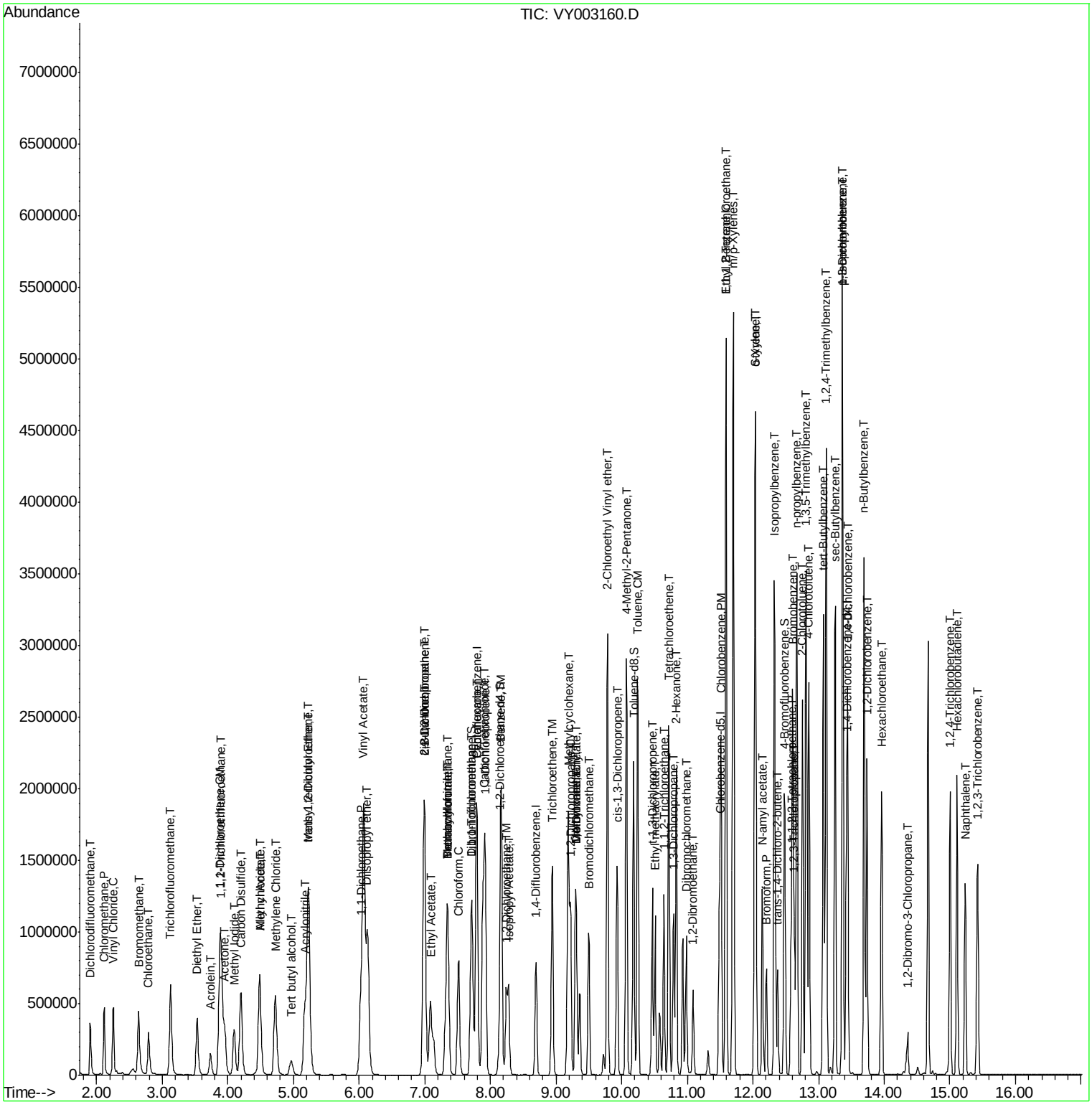
(#) = qualifier out of range (m) = manual integration (+) = signals summed

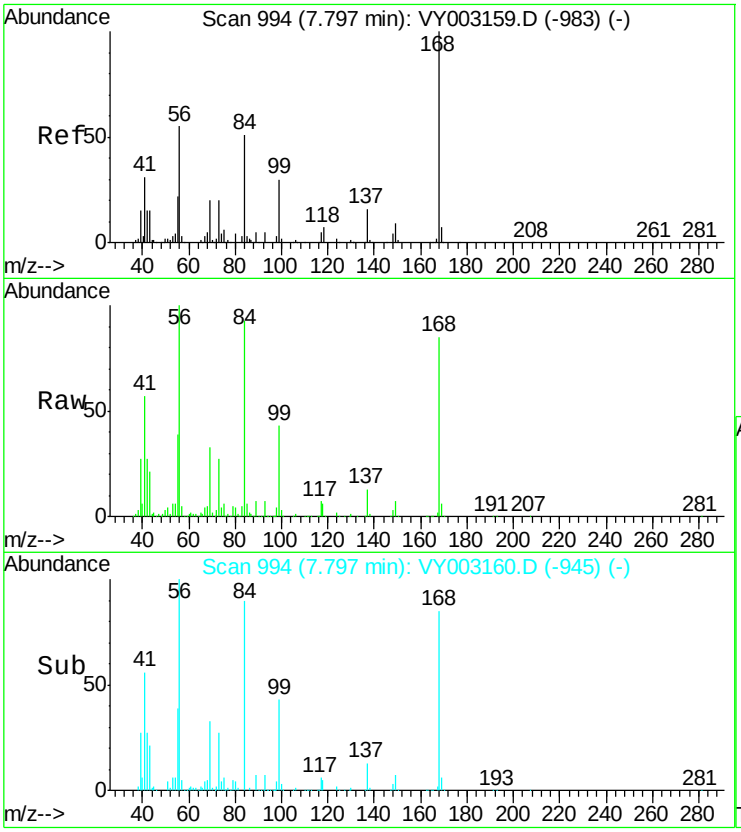
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
Data File : VY003160.D
Acq On : 10 Jul 2020 12:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Quant Time: Jul 10 13:06:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration



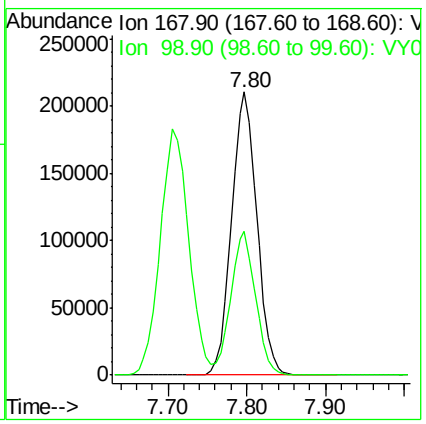


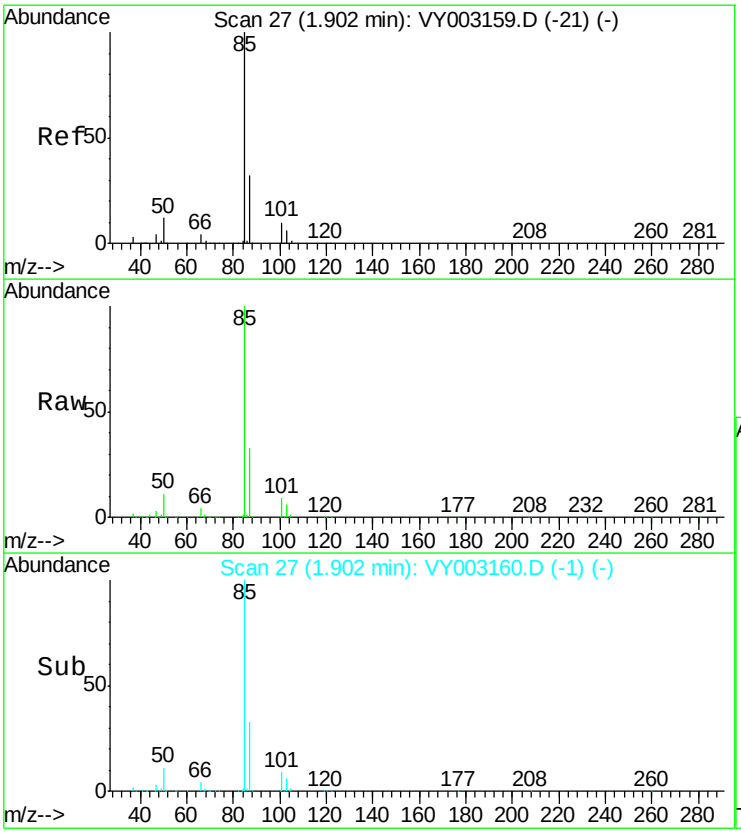

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:168 Resp: 468995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.7 | 37.3 | 55.9 |

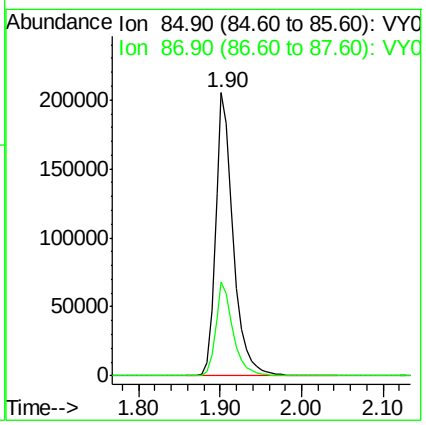


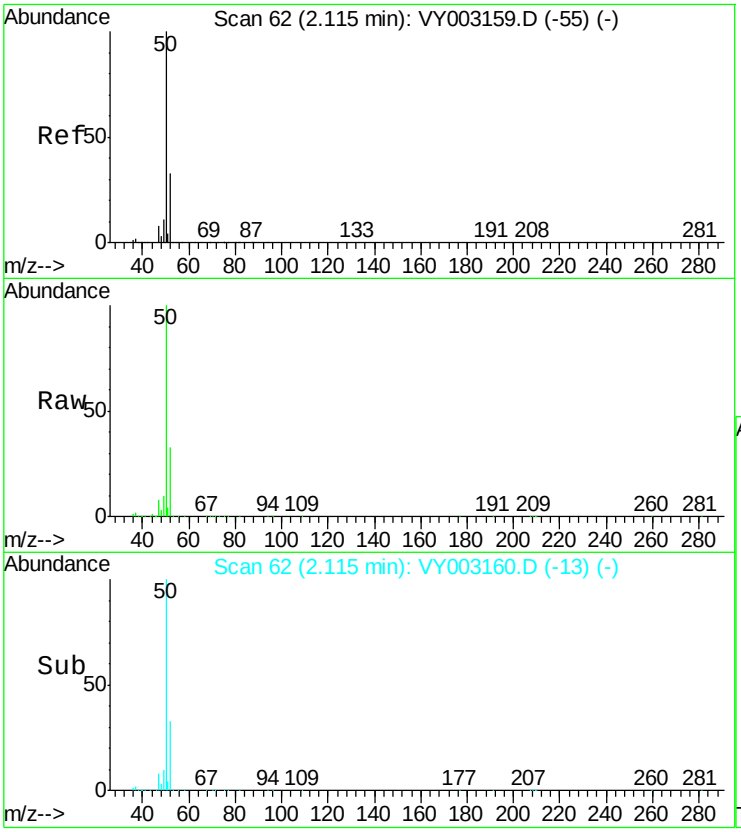




#2
Dichlorodifluoromethane
Concen: 90.113 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 85 Resp: 309950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.3 | 15.9 | 47.7 |



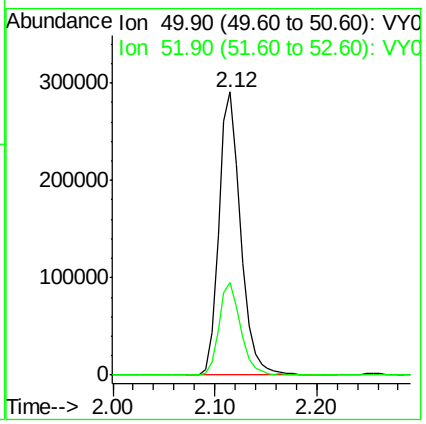


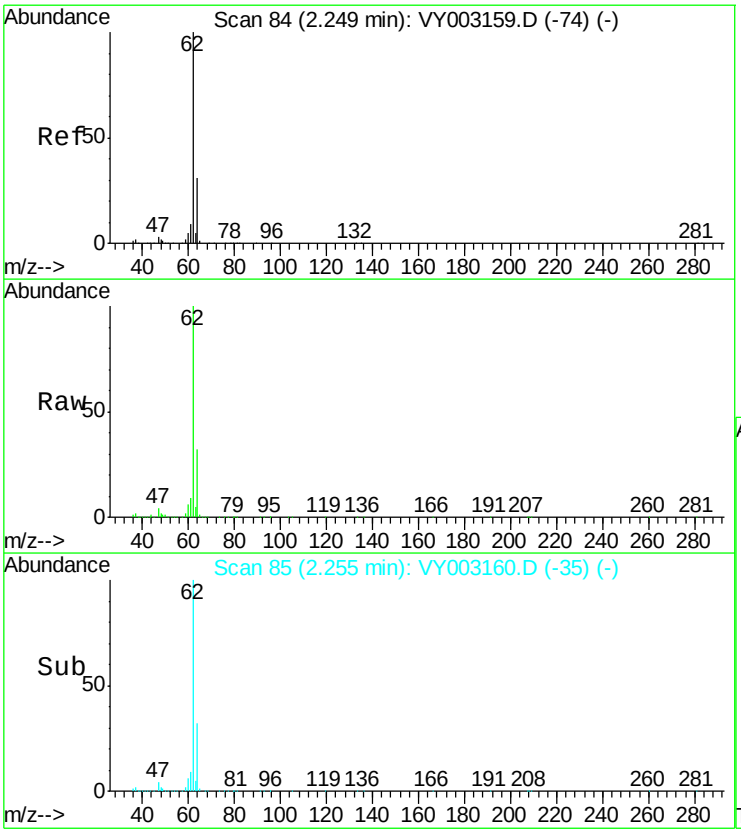

#3
Chloromethane
Concen: 84.678 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 50 Resp: 432882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 26.6 | 39.8 |

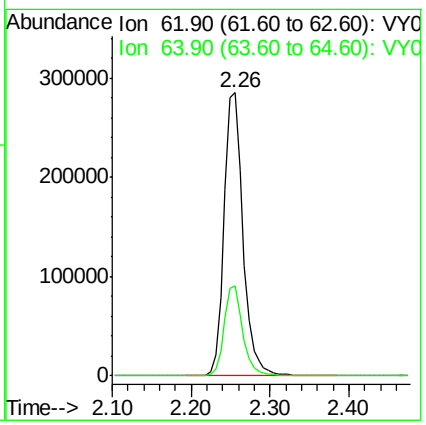


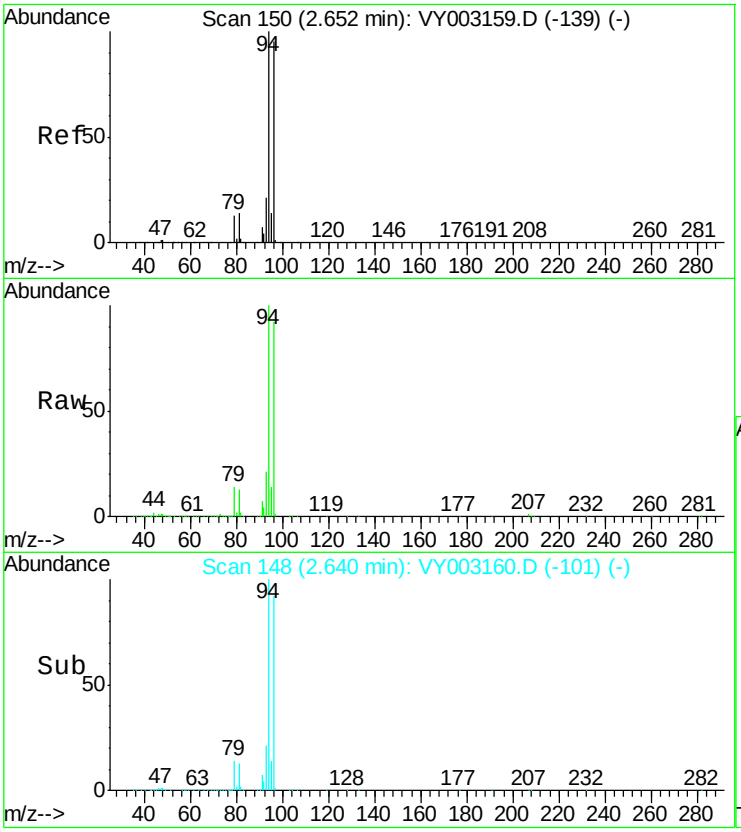




#4
Vinyl Chloride
Concen: 95.854 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 62 Resp: 475459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.6 | 24.6 | 37.0 |



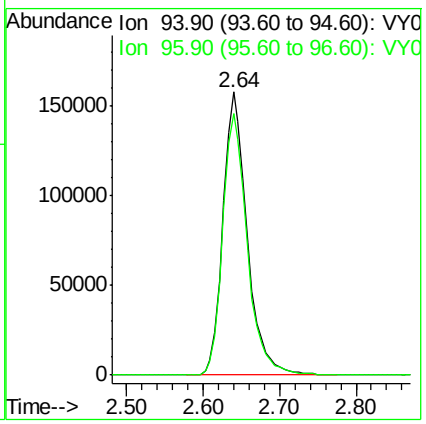


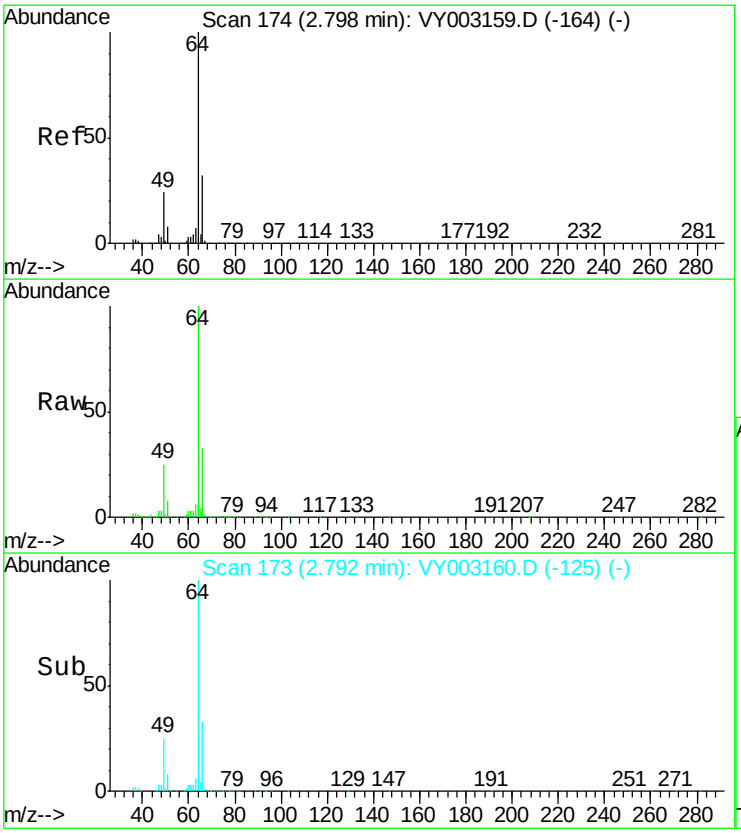

#5
Bromomethane
Concen: 101.167 ug/l
RT: 2.64 min Scan# 148
Delta R.T. -0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 94 Resp: 345504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.3 | 76.0 | 114.0 |

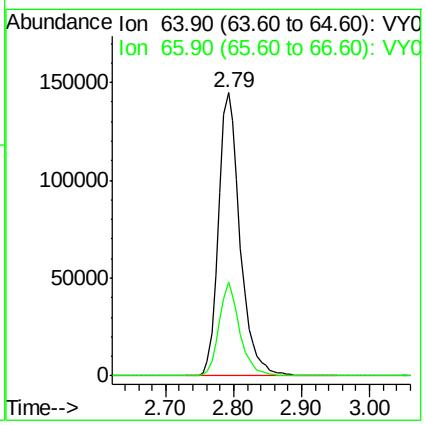


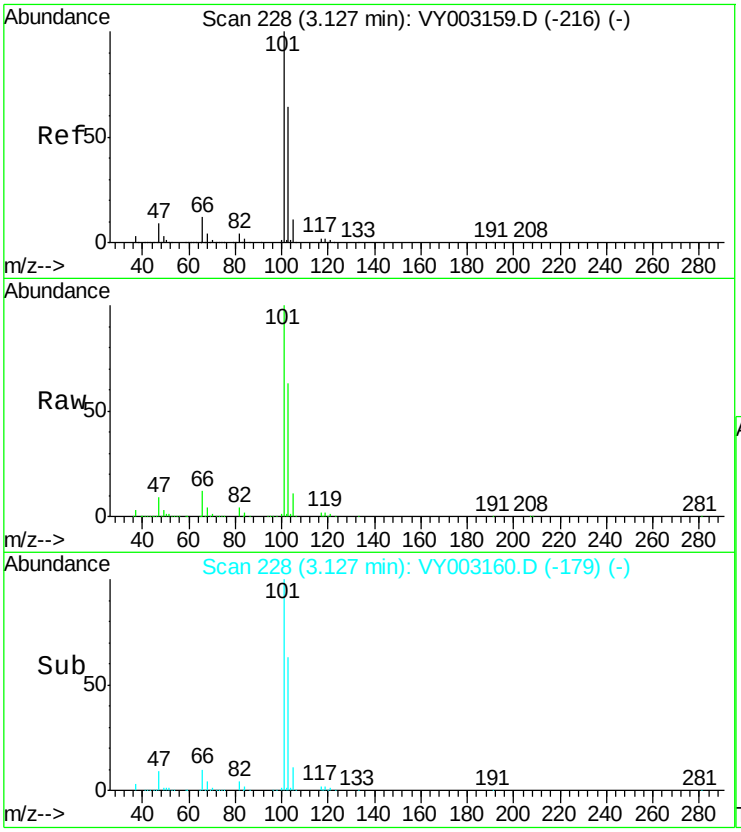




#6
Chloroethane
Concen: 99.776 ug/l
RT: 2.79 min Scan# 173
Delta R.T. -0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 64 Resp: 317070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.0 | 26.0 | 39.0 |



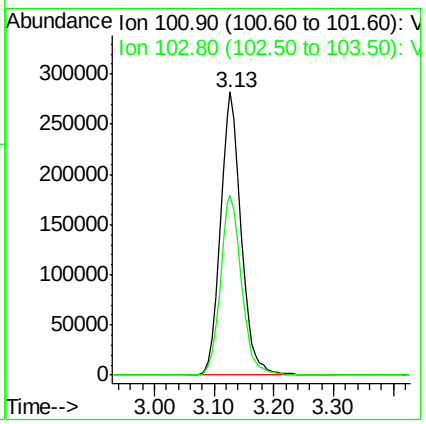


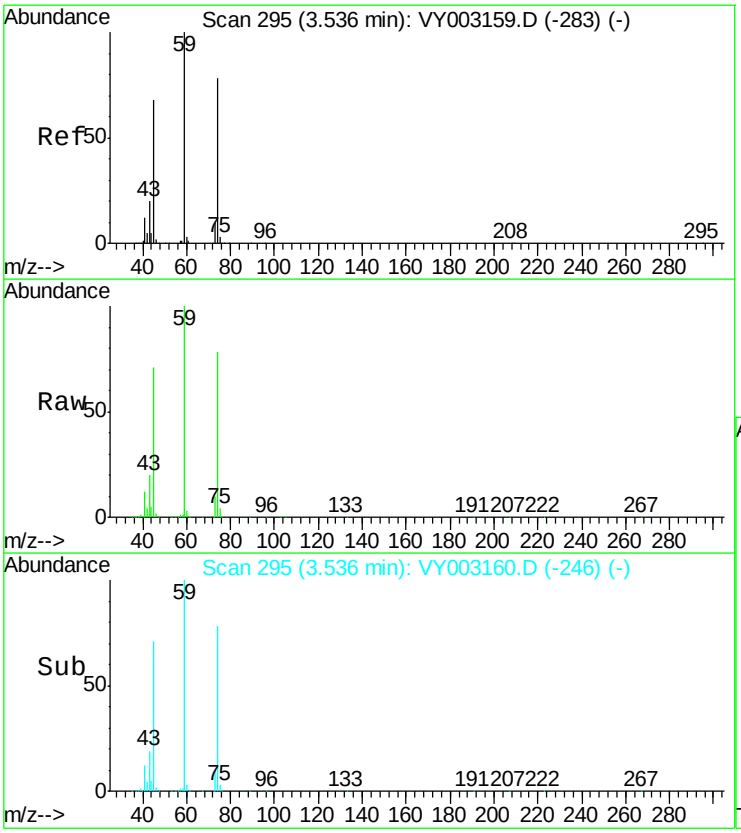

#7
Trichlorofluoromethane
Concen: 96.674 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:101 Resp: 677916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.3 | 51.3 | 76.9 |

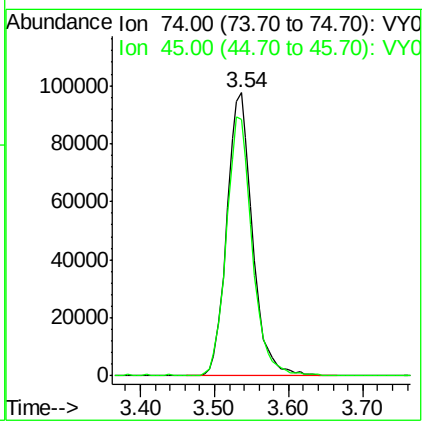


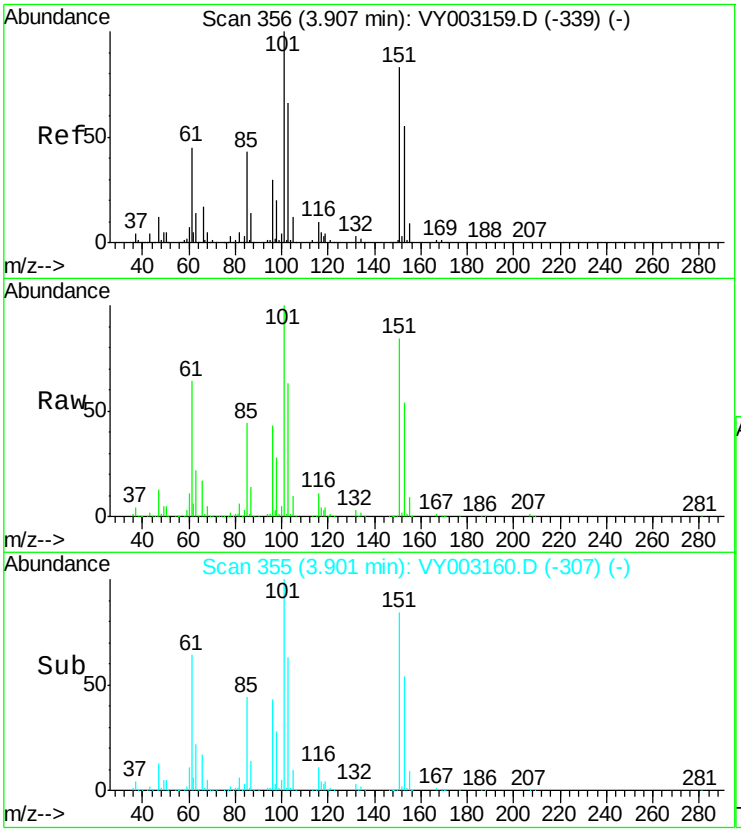




#8
Diethyl Ether
Concen: 97.816 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 74 Resp: 234845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 92.4 | 45.3 | 135.8 |



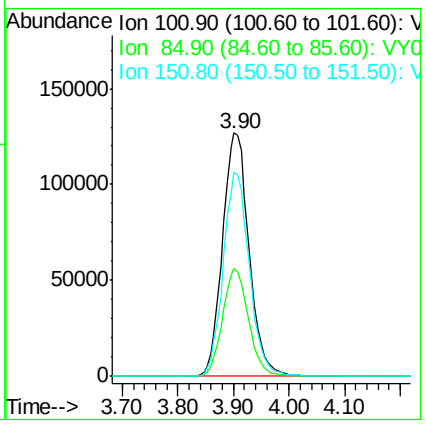


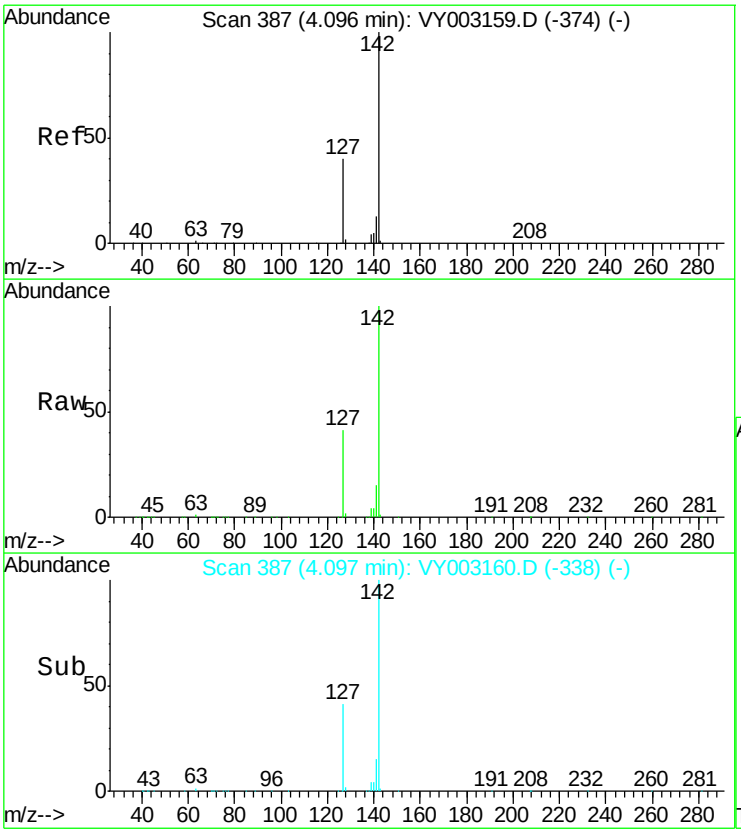

#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.525 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:101 Resp: 418271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.2 | 34.9 | 52.3 |
| 151 | 82.7 | 67.0 | 100.6 |

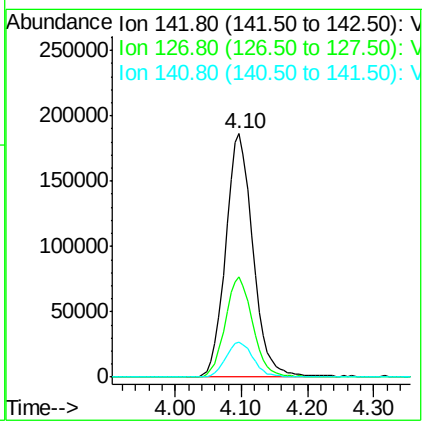


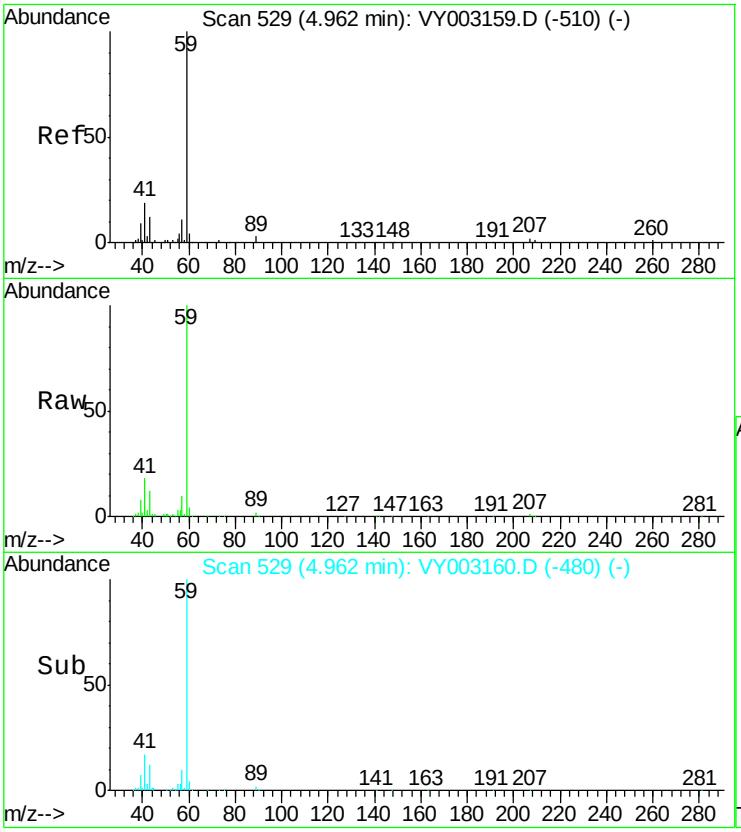




#10
Methyl Iodide
Concen: 103.871 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:142 Resp: 532716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.5 | 33.5 | 50.3 |
| 141 | 14.6 | 11.2 | 16.8 |



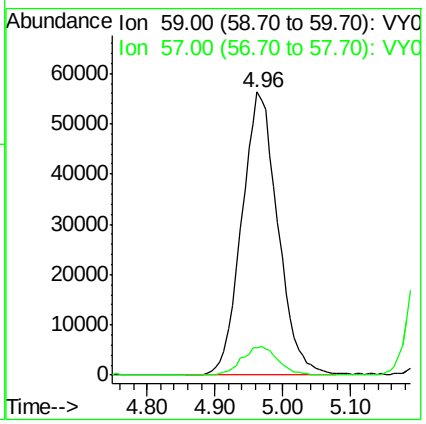


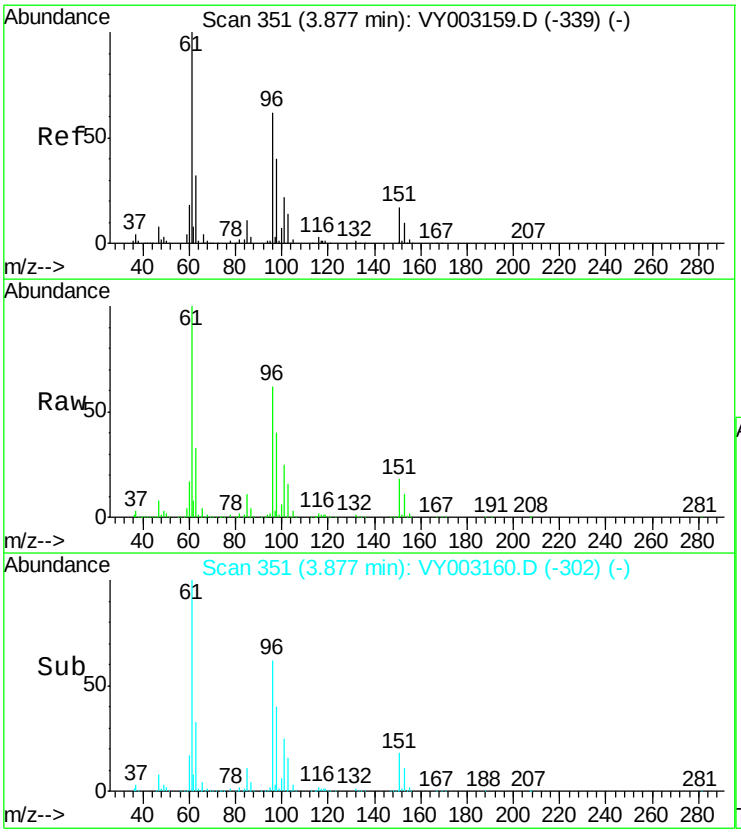

#11
Tert butyl alcohol
Concen: 453.306 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 59 Resp: 208010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 8.4 | 12.6 |

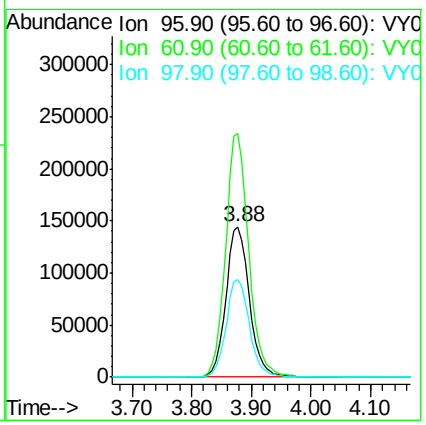


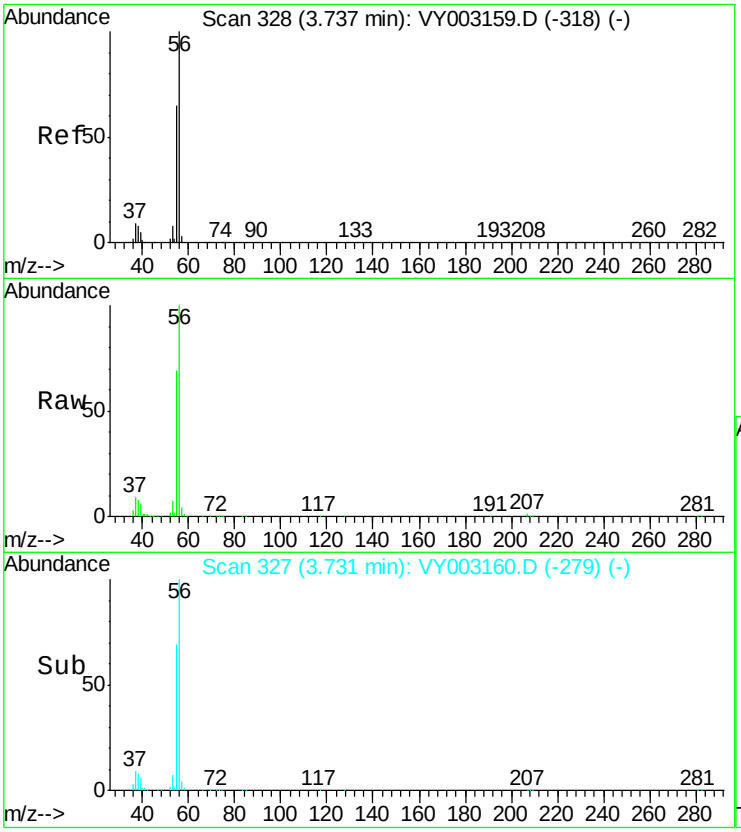




#12
1,1-Dichloroethene
Concen: 98.640 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 96 Resp: 394430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.5 | 128.6 | 193.0 |
| 98 | 64.6 | 51.6 | 77.4 |



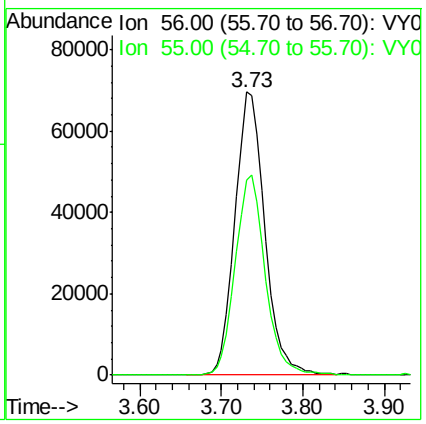


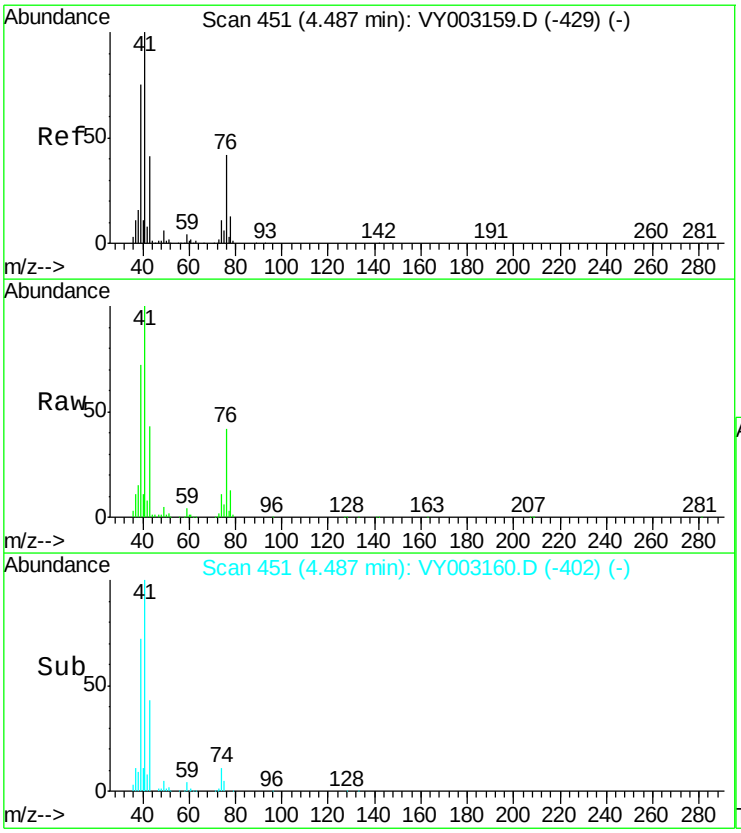

#13
Acrolein
Concen: 426.625 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 56 Resp: 176606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.2 | 56.0 | 84.0 |

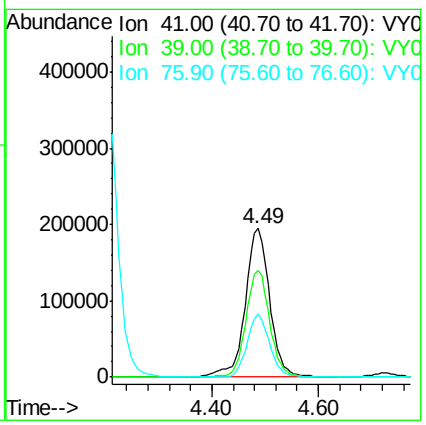


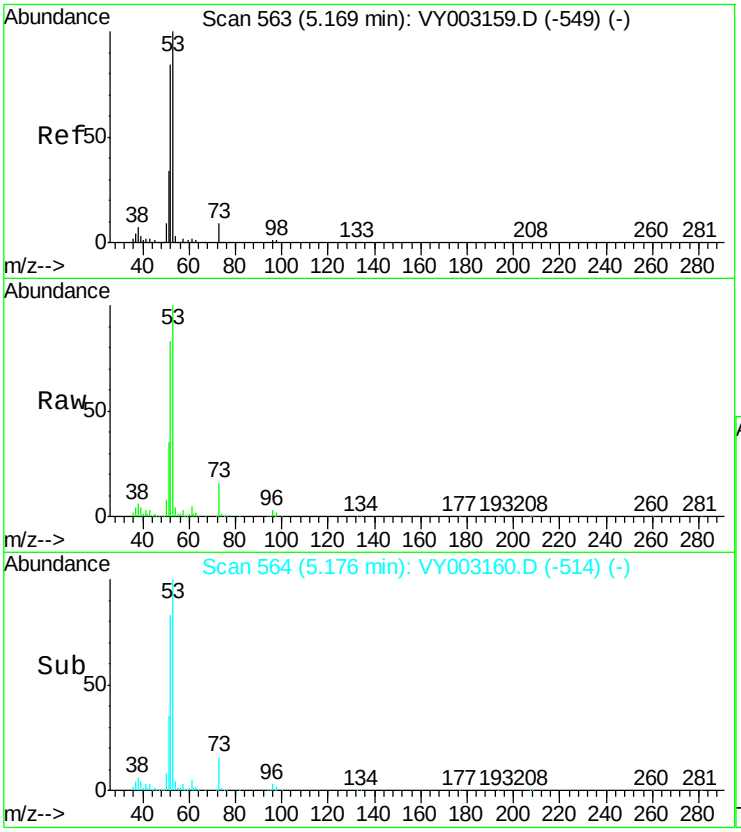




#14
Allyl chloride
Concen: 89.473 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 41 Resp: 612906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 70.1 | 56.6 | 85.0 |
| 76 | 38.7 | 31.6 | 47.4 |



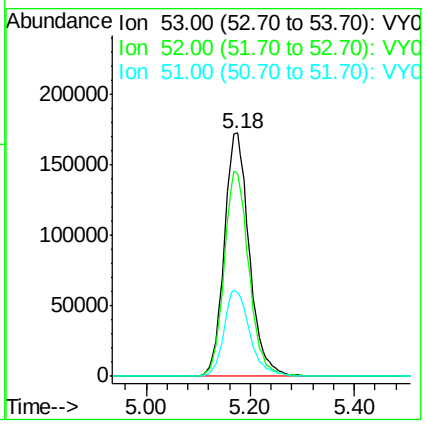


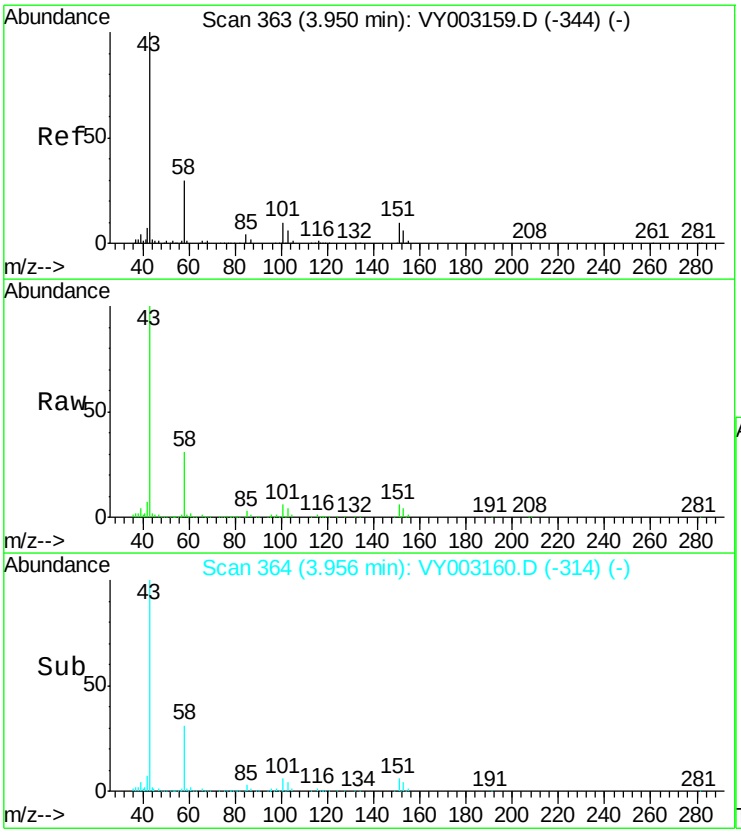

#15
Acrylonitrile
Concen: 472.484 ug/l
RT: 5.18 min Scan# 564
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 53 Resp: 577754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.0 | 65.8 | 98.6 |
| 51 | 36.7 | 29.0 | 43.4 |

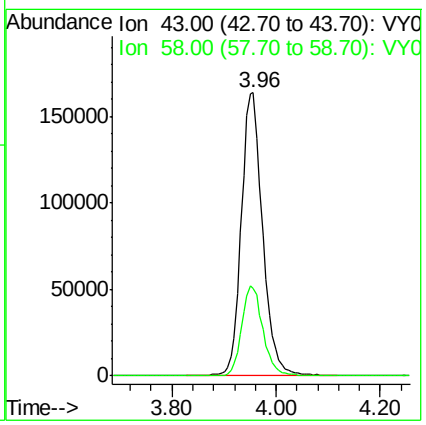


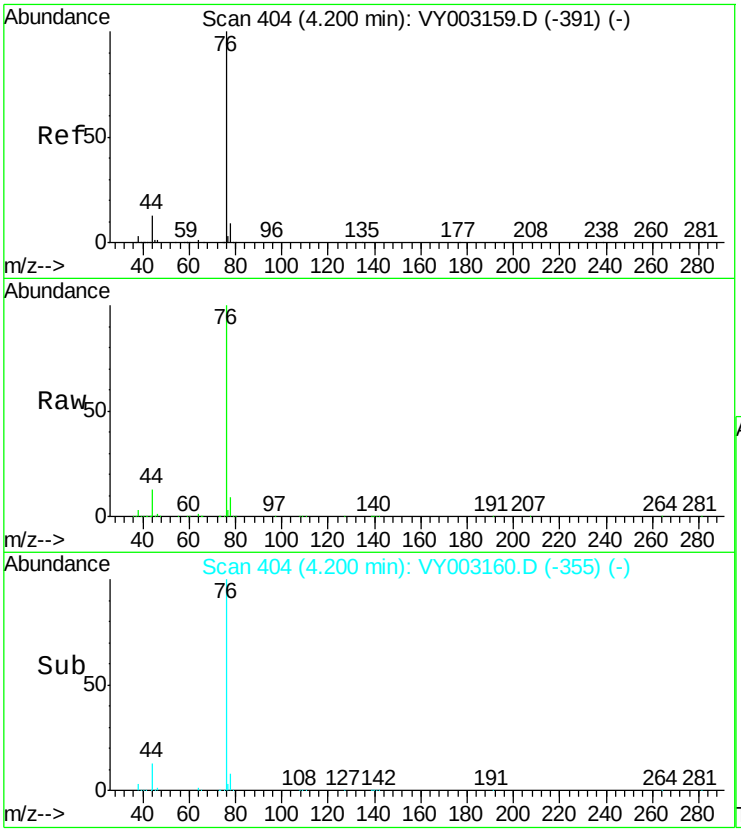




#16
Acetone
Concen: 441.462 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 43 Resp: 462286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.0 | 23.8 | 35.6 |



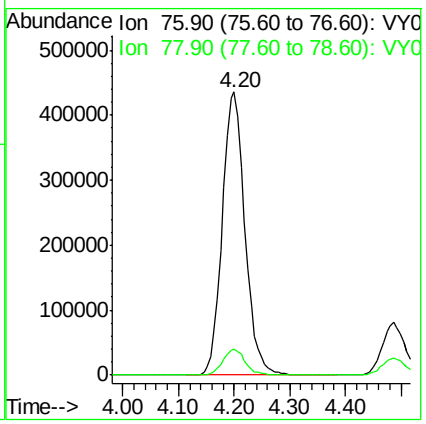


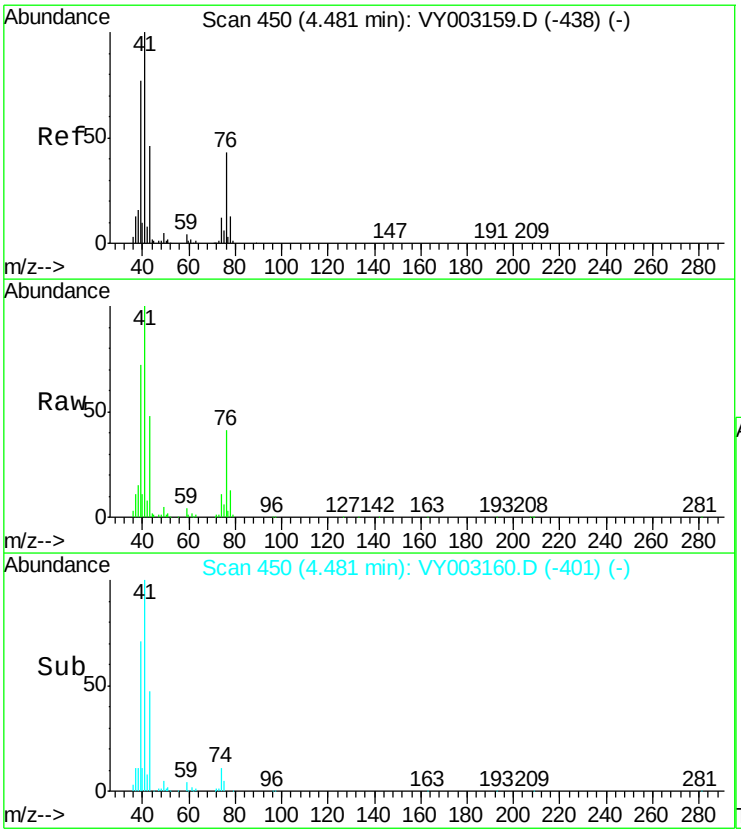

#17
Carbon Disulfide
Concen: 96.222 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 76 Resp: 1222174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.3 | 10.9 |

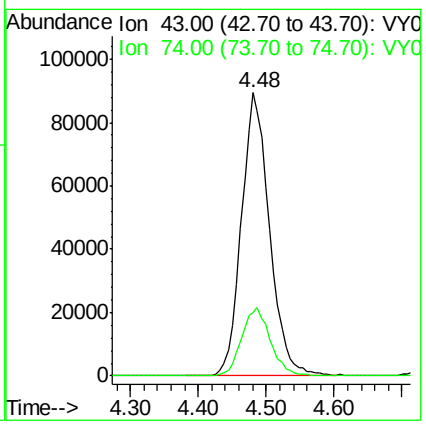


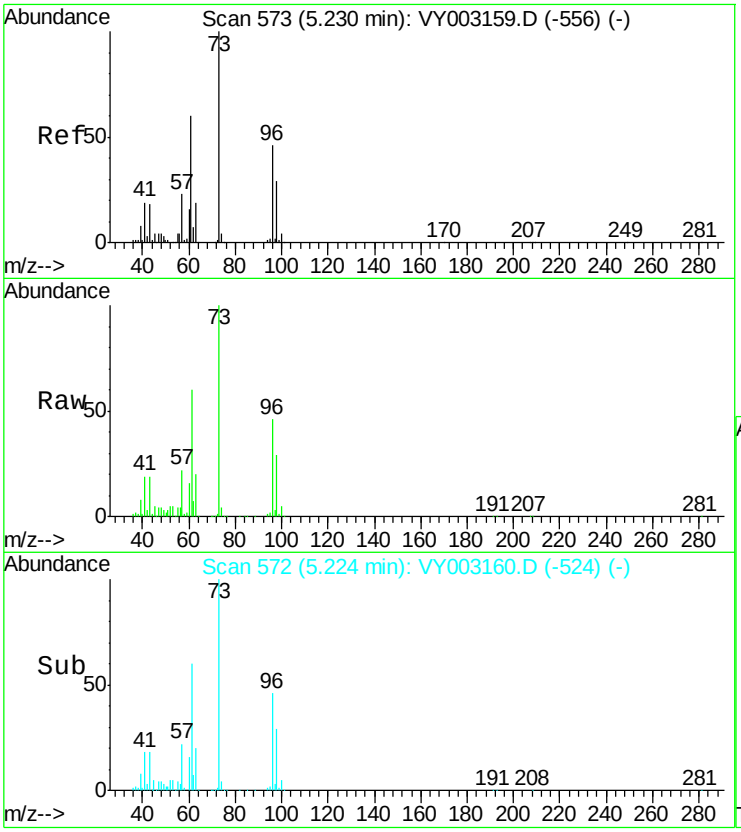




#18
Methyl Acetate
Concen: 90.085 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 43 Resp: 256321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.8 | 20.8 | 31.2 |



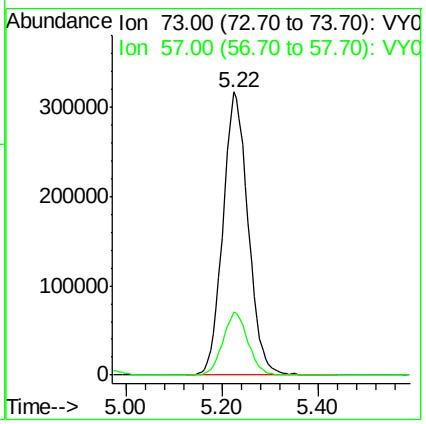


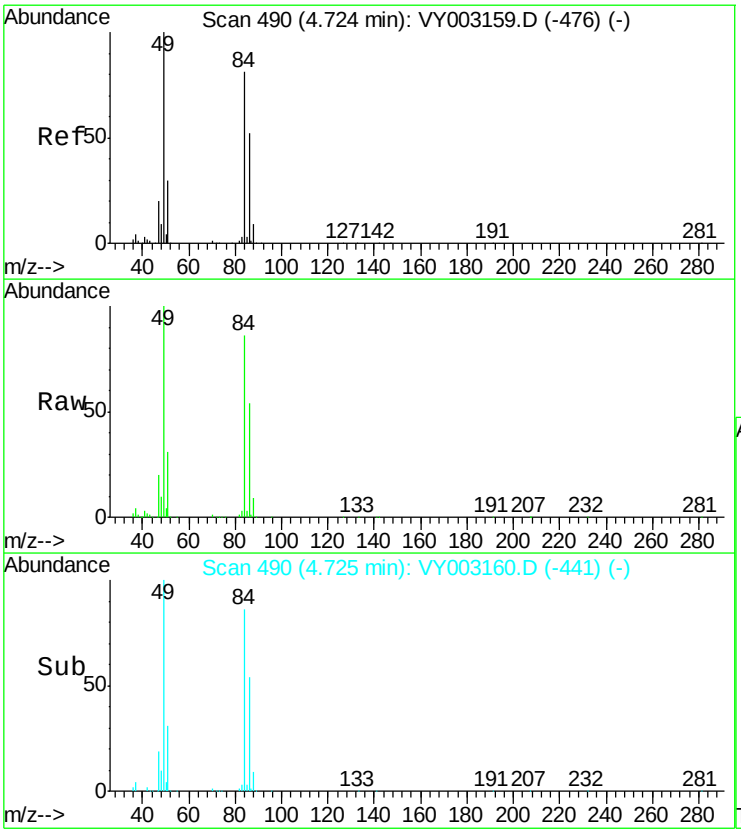

#19
Methyl tert-butyl Ether
Concen: 99.625 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 73 Resp: 1152793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.2 | 18.1 | 27.1 |

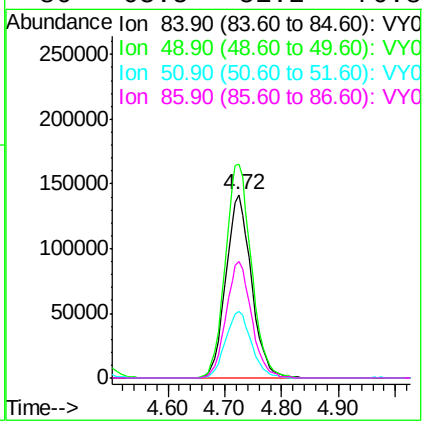


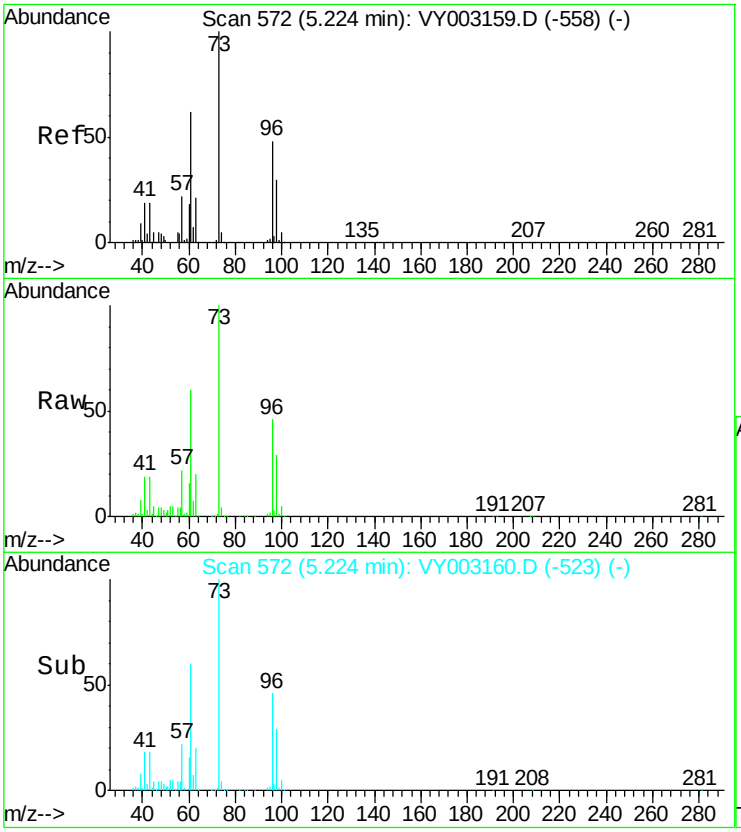




#20
Methylene Chloride
Concen: 73.043 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 84 Resp: 441609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.6 | 98.2 | 147.4 |
| 51 | 36.0 | 29.8 | 44.6 |
| 86 | 63.5 | 51.2 | 76.8 |



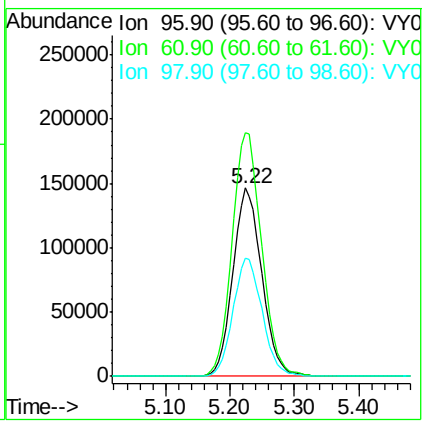


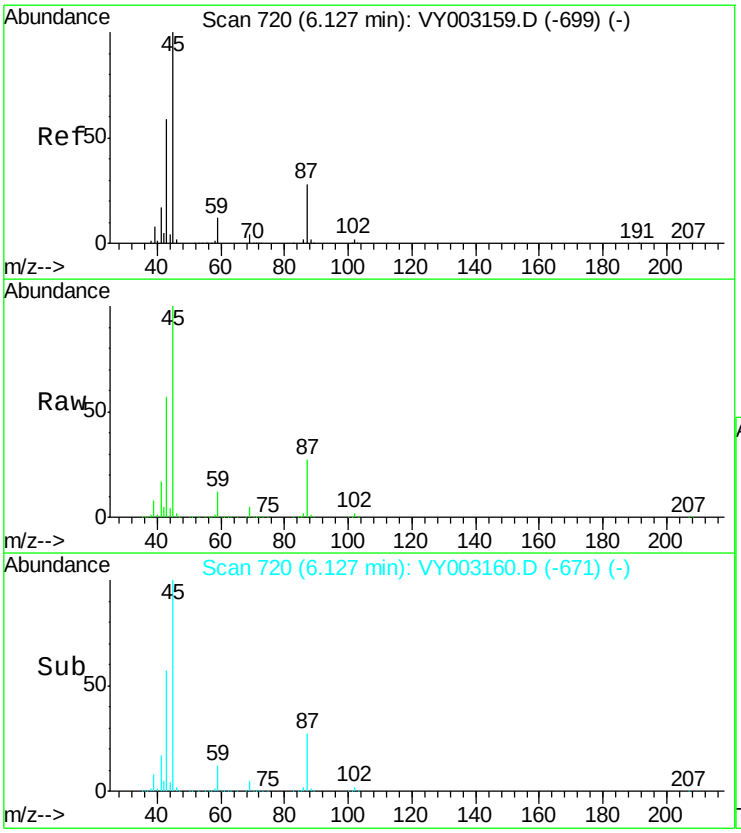

#21
trans-1,2-Dichloroethene
Concen: 100.448 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 96 Resp: 456279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 129.2 | 102.5 | 153.7 |
| 98 | 62.5 | 49.8 | 74.8 |

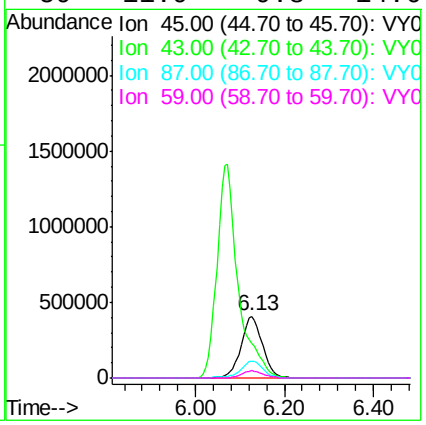


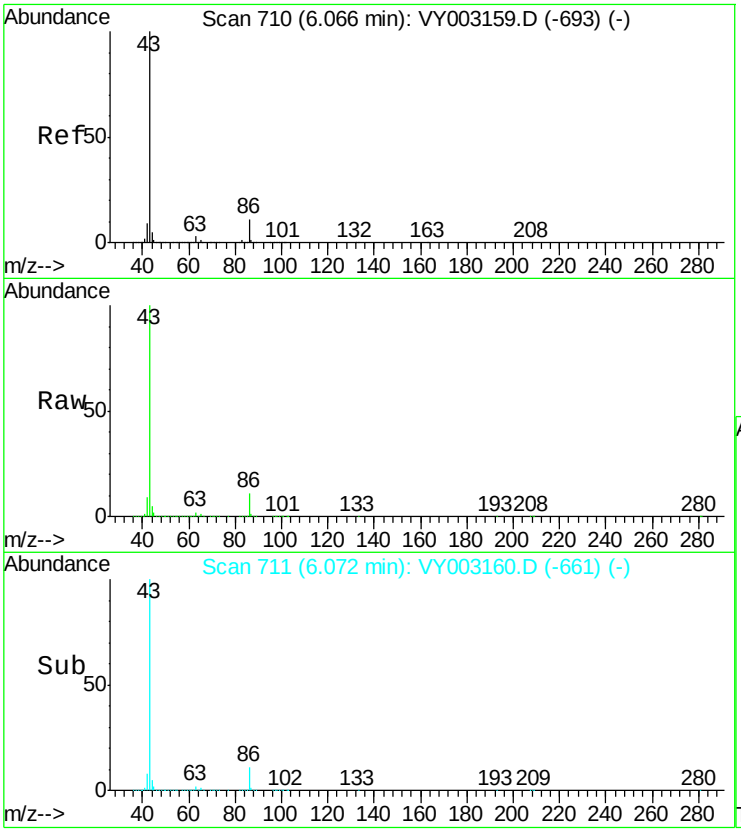




#22
Diisopropyl ether
Concen: 93.008 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 45 Resp: 1373511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.5 | 47.0 | 70.4 |
| 87 | 27.3 | 22.6 | 33.8 |
| 59 | 11.9 | 9.8 | 14.6 |



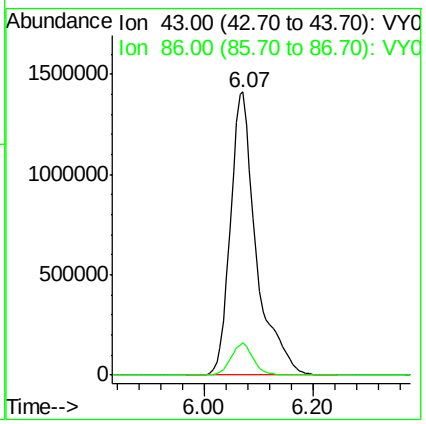


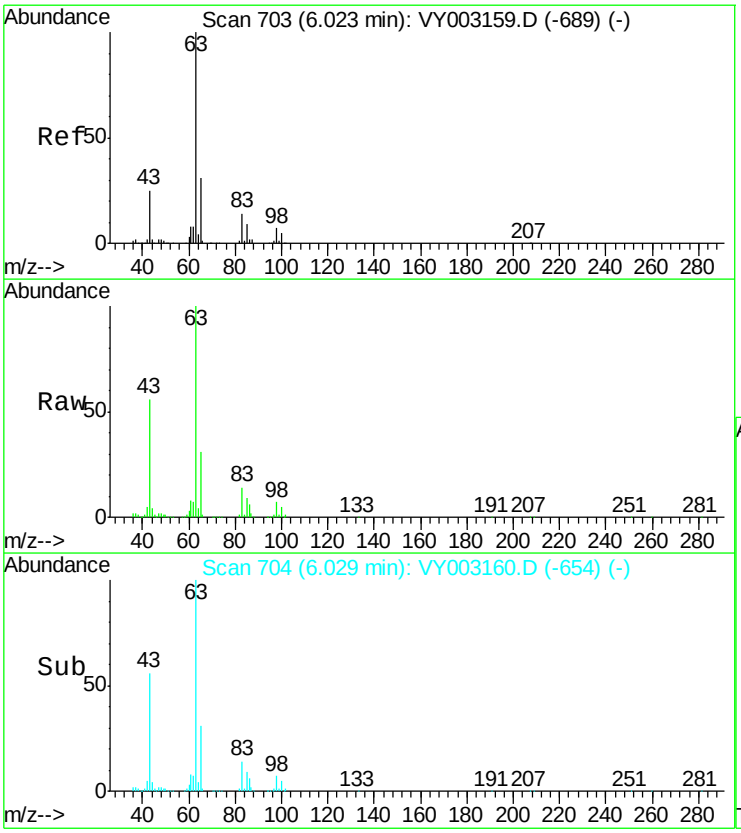

#23
Vinyl Acetate
Concen: 476.756 ug/l
RT: 6.07 min Scan# 711
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion: 43 Resp: 4685324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.3 | 8.8 | 13.2 |

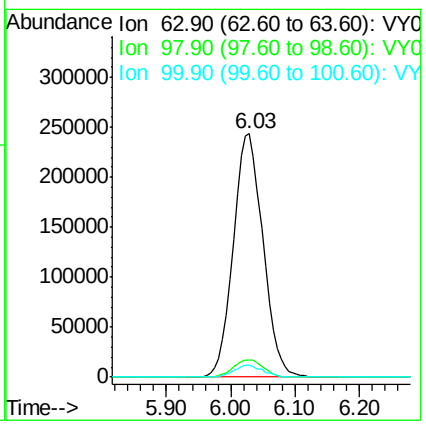


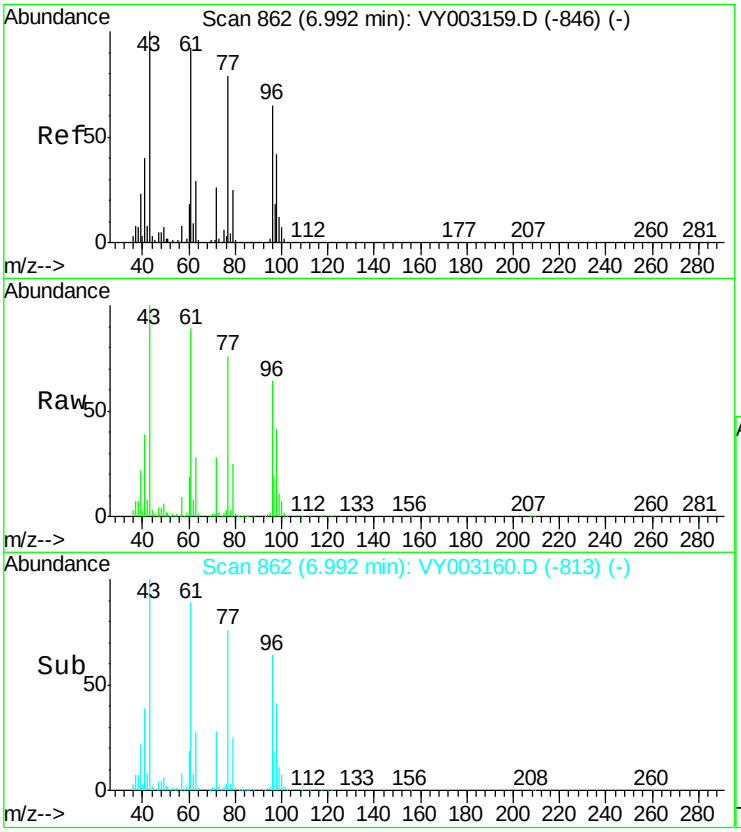




#24
1,1-Dichloroethane
Concen: 95.585 ug/l
RT: 6.03 min Scan# 704
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 63 Resp: 776592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.6 | 10.8 |
| 100 | 4.7 | 2.4 | 7.2 |



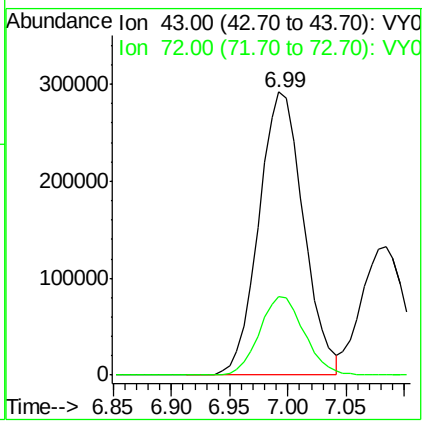


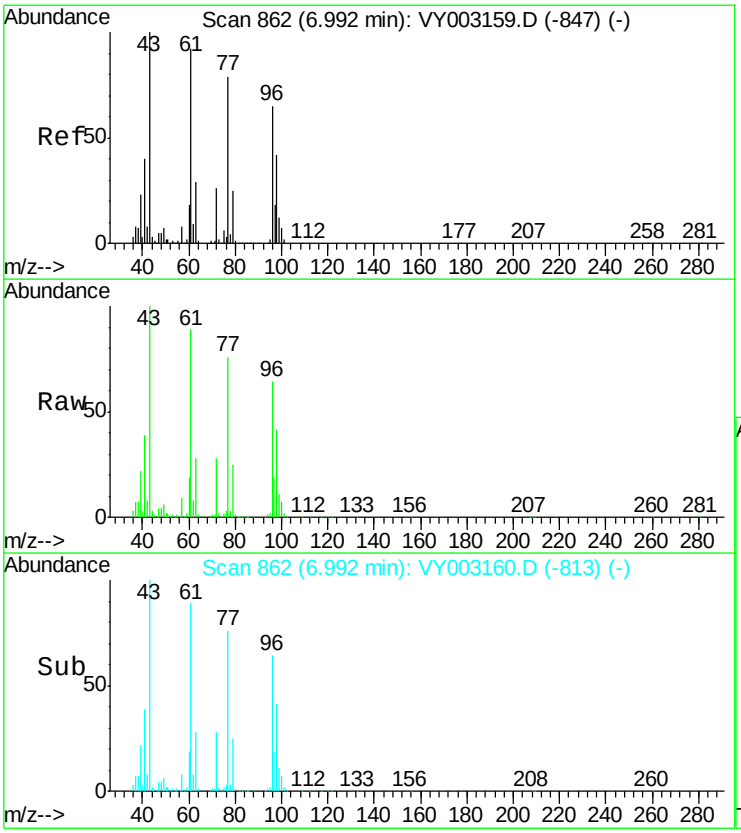

#25
2-Butanone
Concen: 464.139 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 776774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.7 | 20.9 | 31.3 |

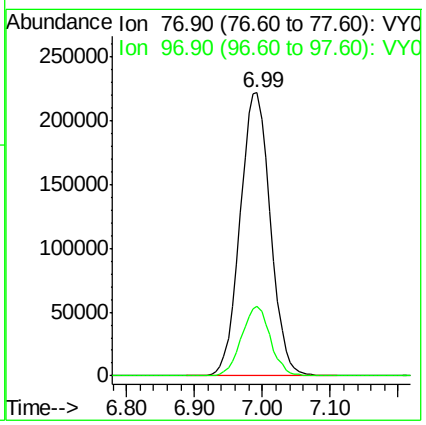


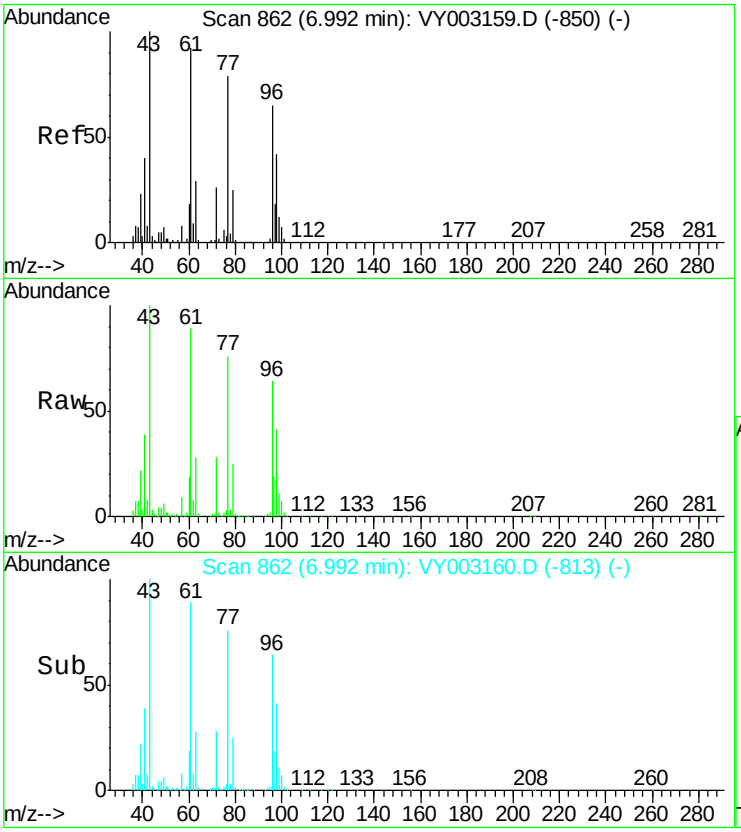




#26
2,2-Dichloropropane
Concen: 93.181 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 77 Resp: 687562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.4 | 11.6 | 34.7 |



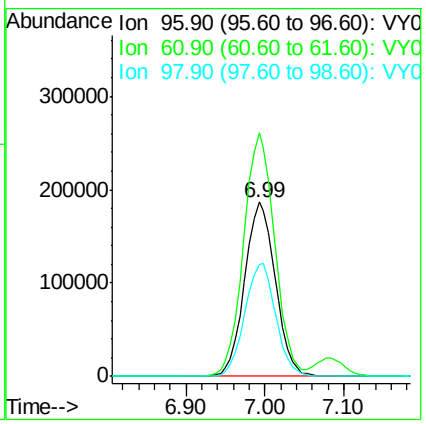


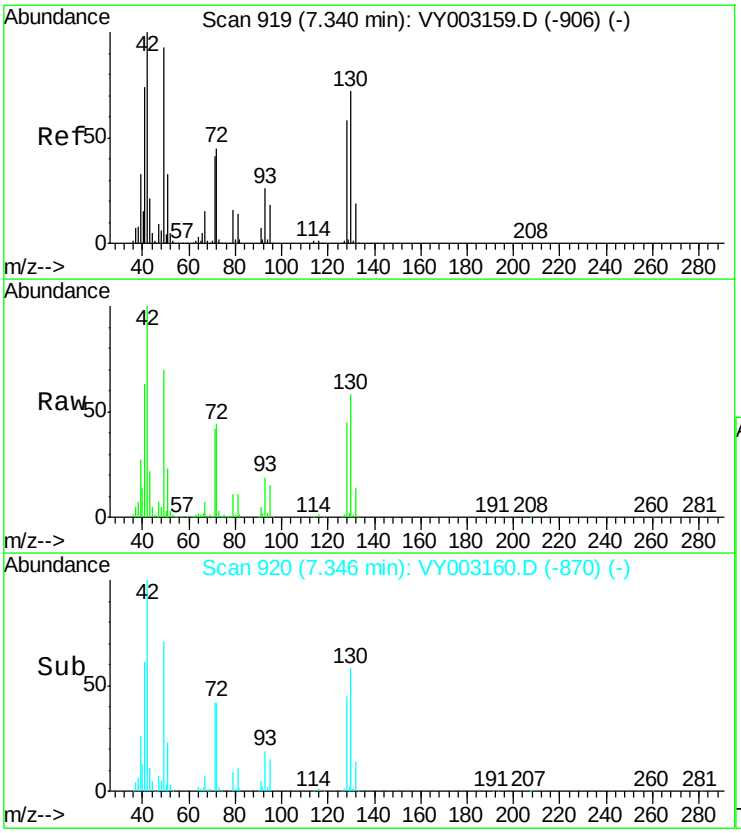

#27
cis-1,2-Dichloroethene
Concen: 99.361 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 96 Resp: 505180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.0 | 0.0 | 281.2 |
| 98 | 65.2 | 0.0 | 129.8 |

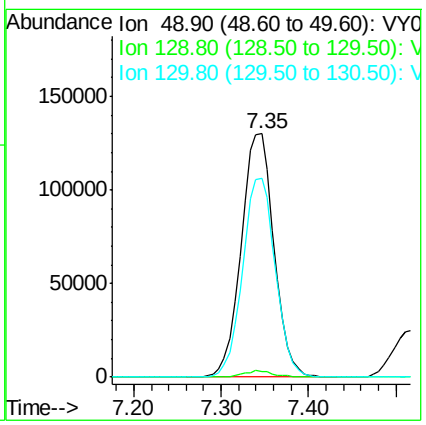


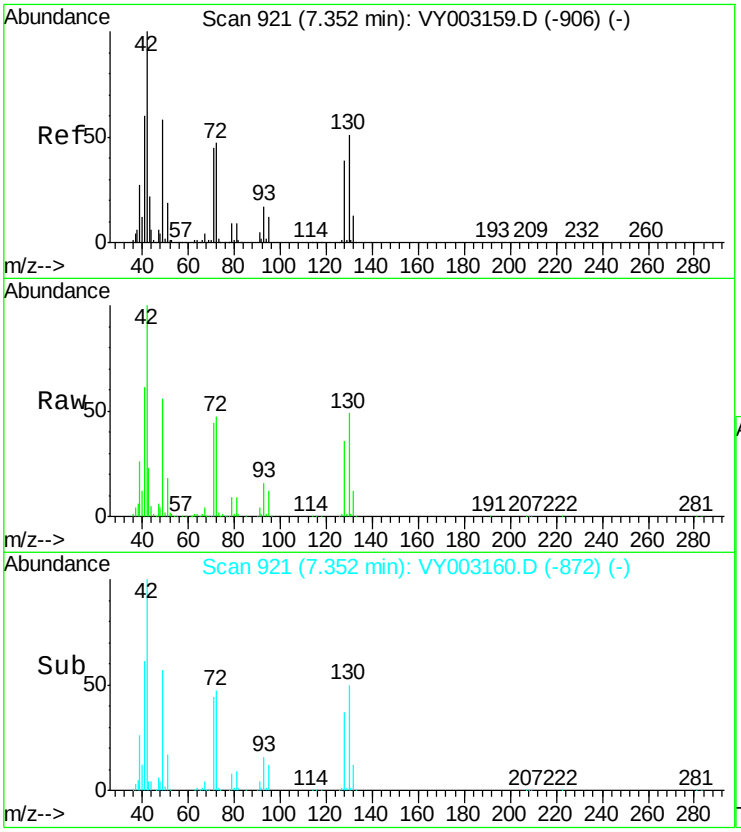




#28
Bromochloromethane
Concen: 94.603 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 49 Resp: 337348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.4 | 0.0 | 5.0 |
| 130 | 81.9 | 64.9 | 97.3 |



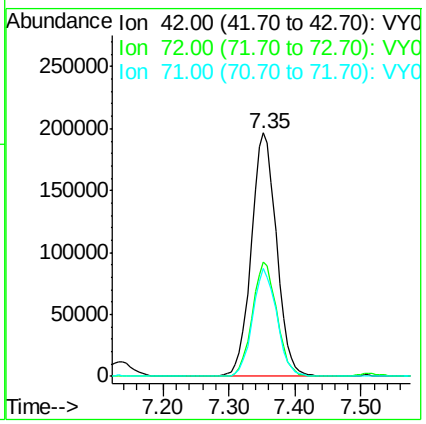


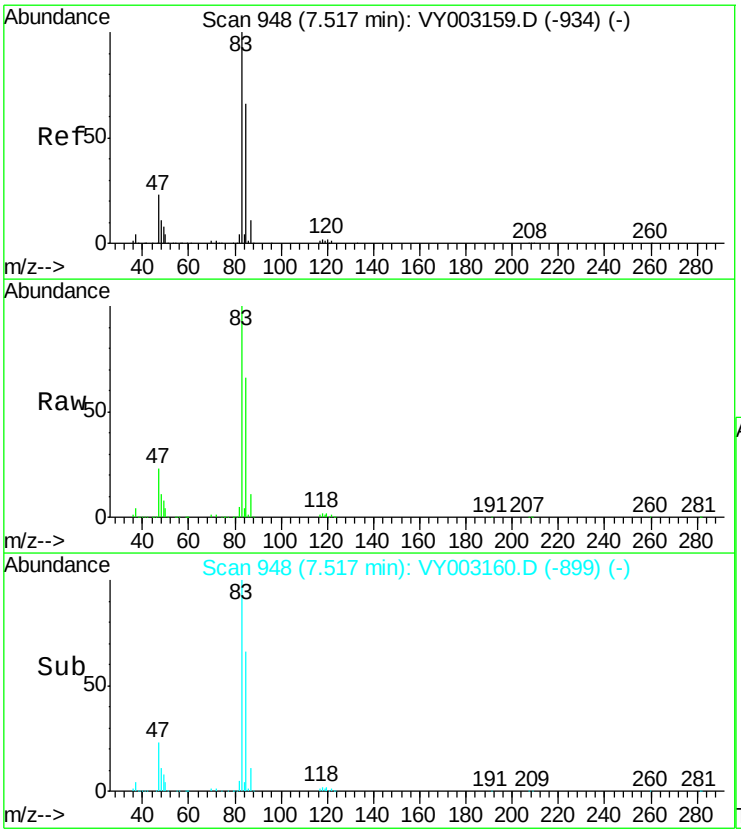

#29
Tetrahydrofuran
Concen: 469.112 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 42 Resp: 523019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.5 | 36.7 | 55.1 |
| 71 | 42.4 | 34.2 | 51.4 |

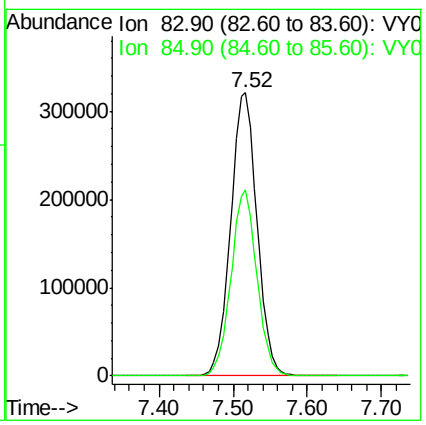


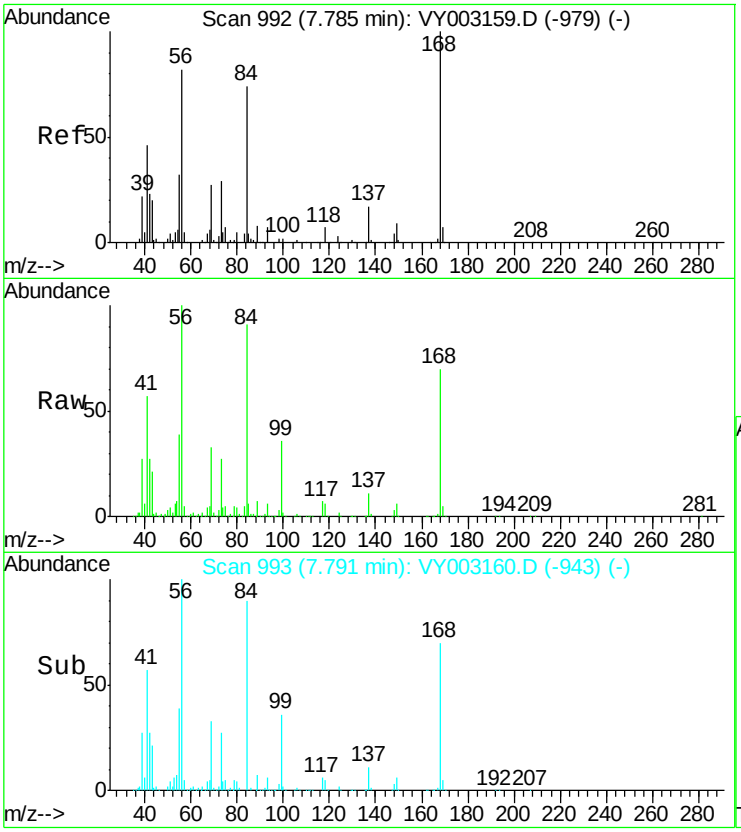




#30
Chloroform
Concen: 98.302 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 83 Resp: 794786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.8 | 52.6 | 78.8 |



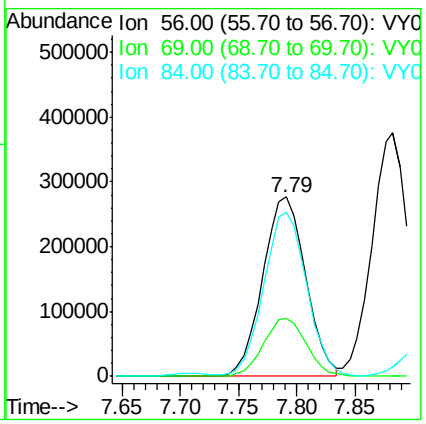


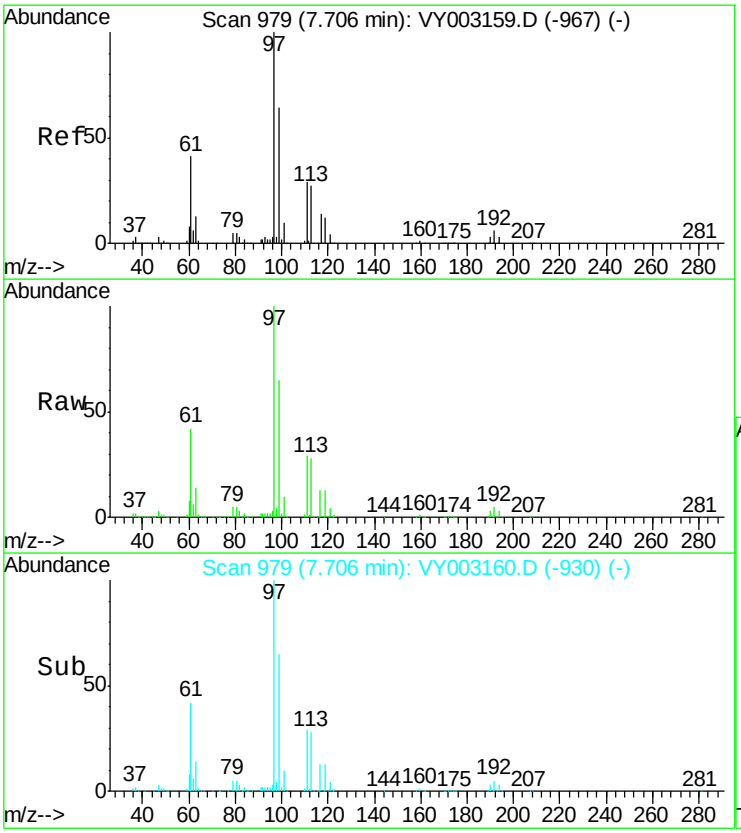

#31
Cyclohexane
Concen: 88.362 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 56 Resp: 706538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.5 | 26.7 | 40.1 |
| 84 | 89.8 | 72.3 | 108.5 |

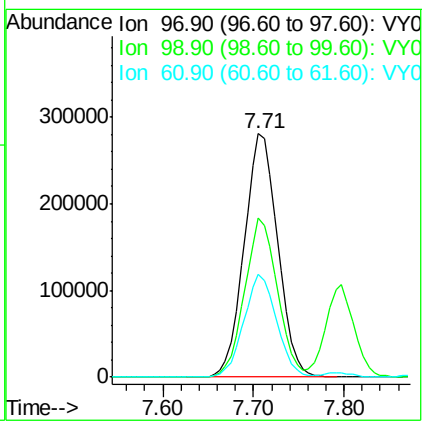


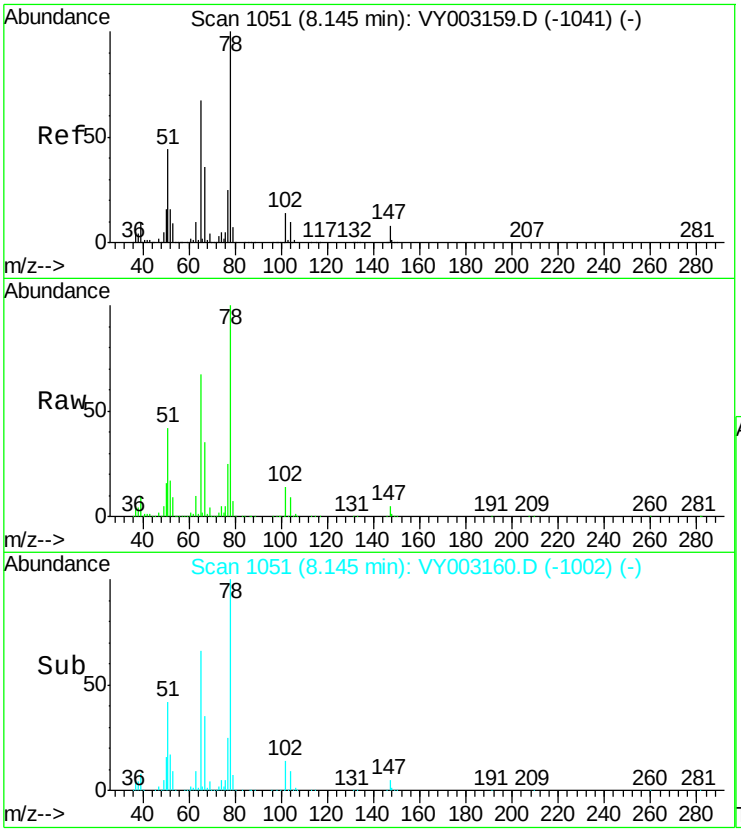




#32
1,1,1-Trichloroethane
Concen: 97.464 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 97 Resp: 717820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 52.1 | 78.1 |
| 61 | 41.3 | 33.9 | 50.9 |



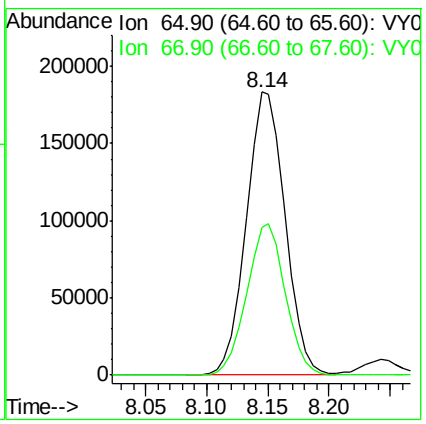


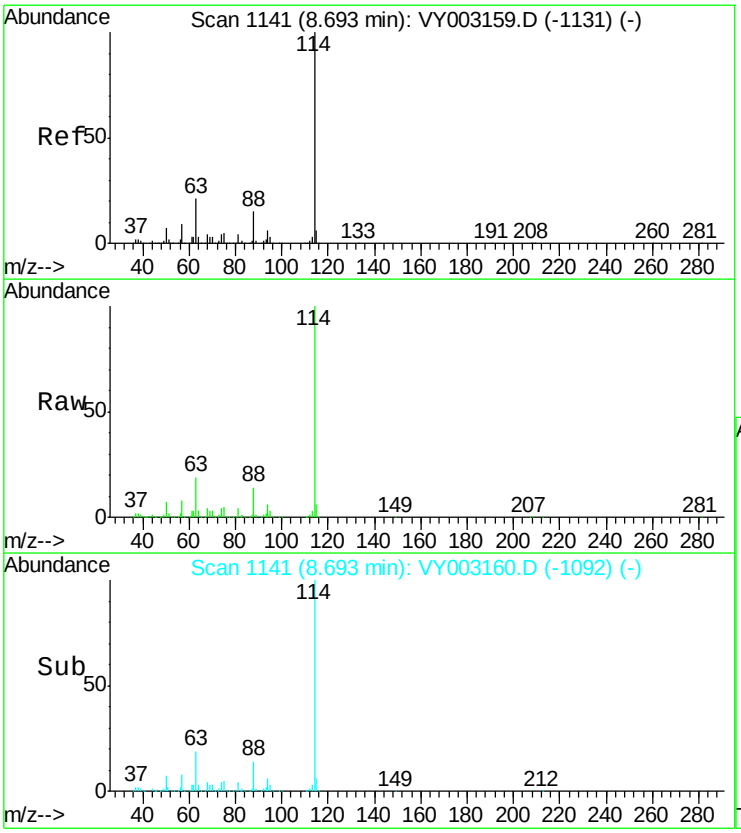

#33
1,2-Dichloroethane-d4
Concen: 90.418 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 65 Resp: 404838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.2 | 0.0 | 105.2 |

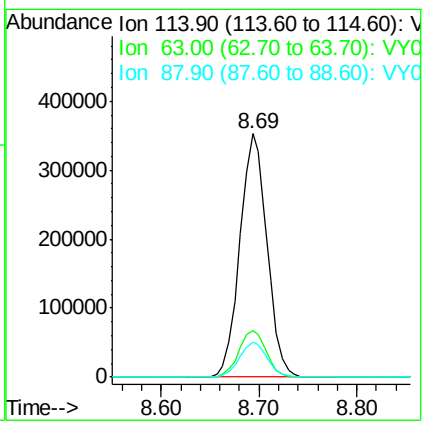


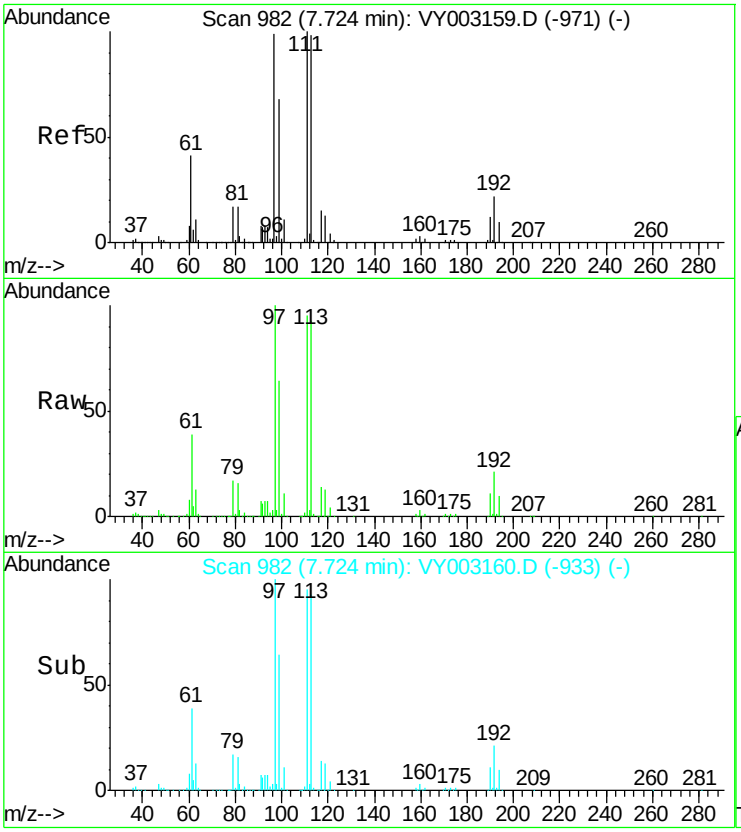




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:114 Resp: 675461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 41.2 |
| 88 | 14.2 | 0.0 | 30.2 |



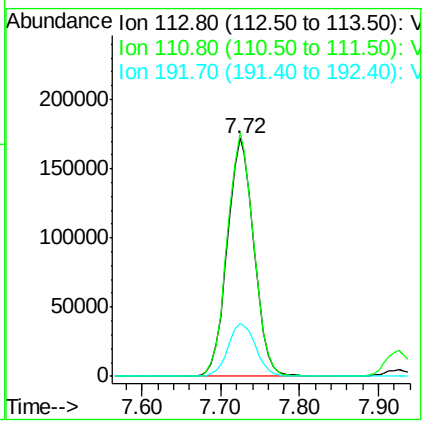


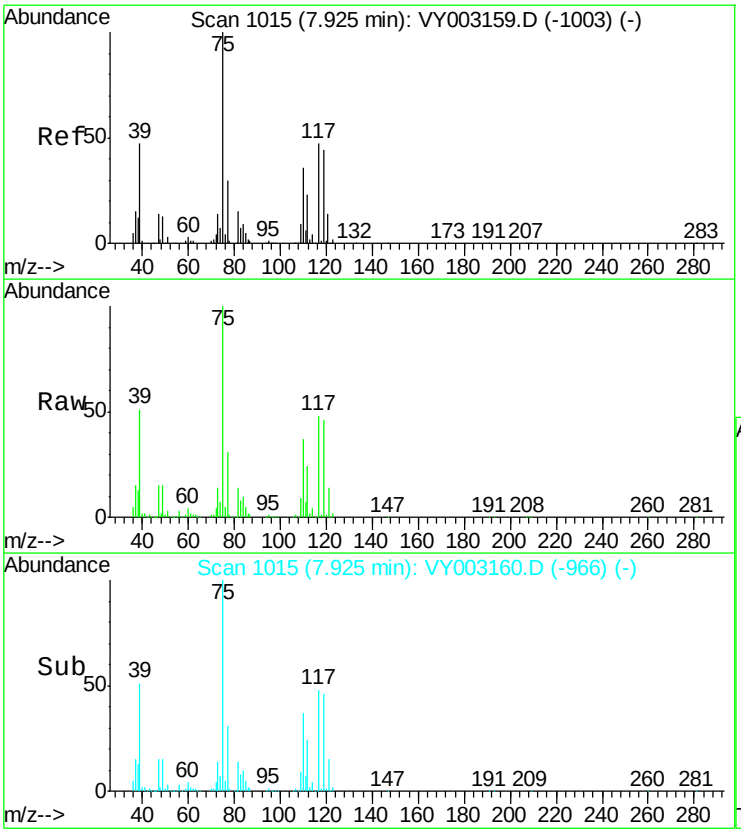

#35
Dibromofluoromethane
Concen: 98.128 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:113 Resp: 402983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 82.1 | 123.1 |
| 192 | 22.9 | 18.8 | 28.2 |

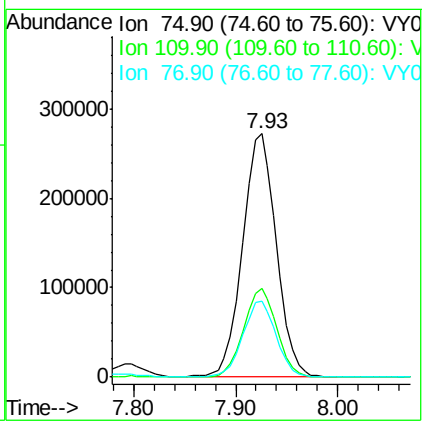


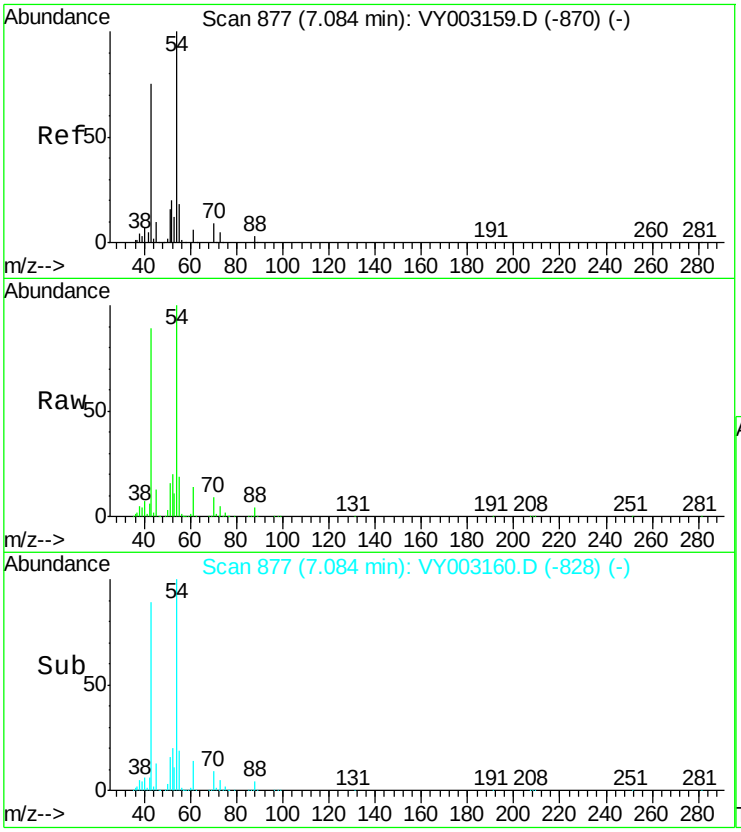




#36
1,1-Dichloropropene
Concen: 97.764 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 75 Resp: 625561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.8 | 18.1 | 54.1 |
| 77 | 31.0 | 24.8 | 37.2 |



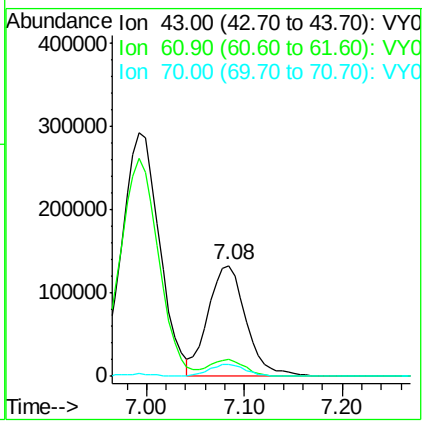


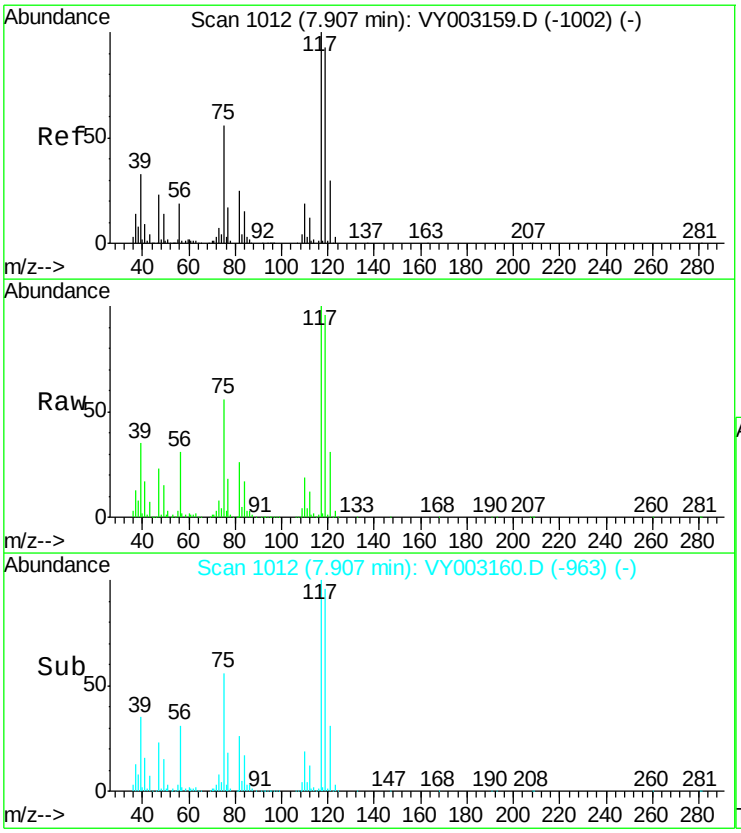

#37
Ethyl Acetate
Concen: 94.834 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 357450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.9 | 11.8 | 17.6 |
| 70 | 10.4 | 8.6 | 13.0 |

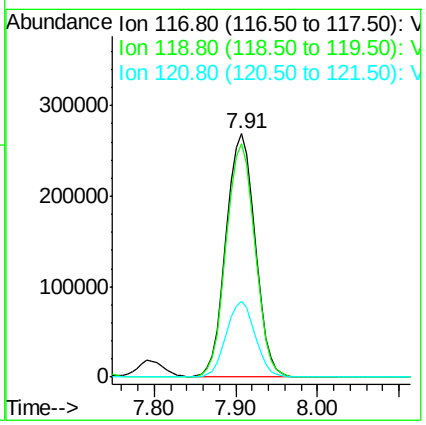


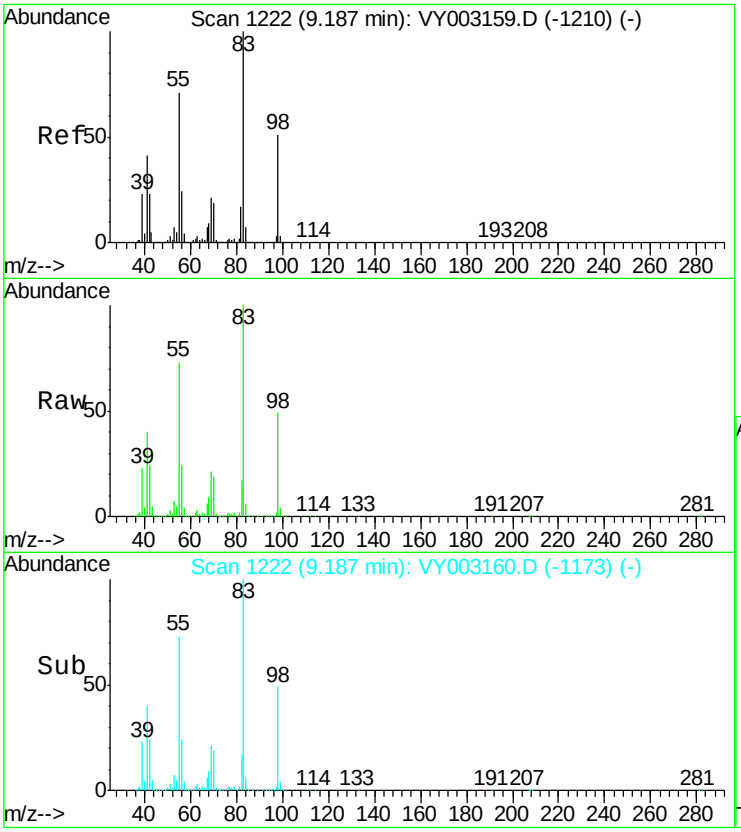




#38
Carbon Tetrachloride
Concen: 99.513 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:117 Resp: 662740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.7 | 74.5 | 111.7 |
| 121 | 31.4 | 24.2 | 36.2 |



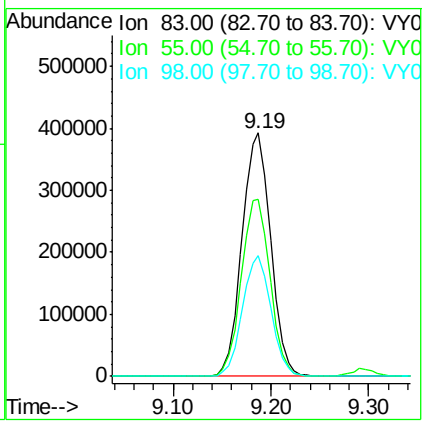


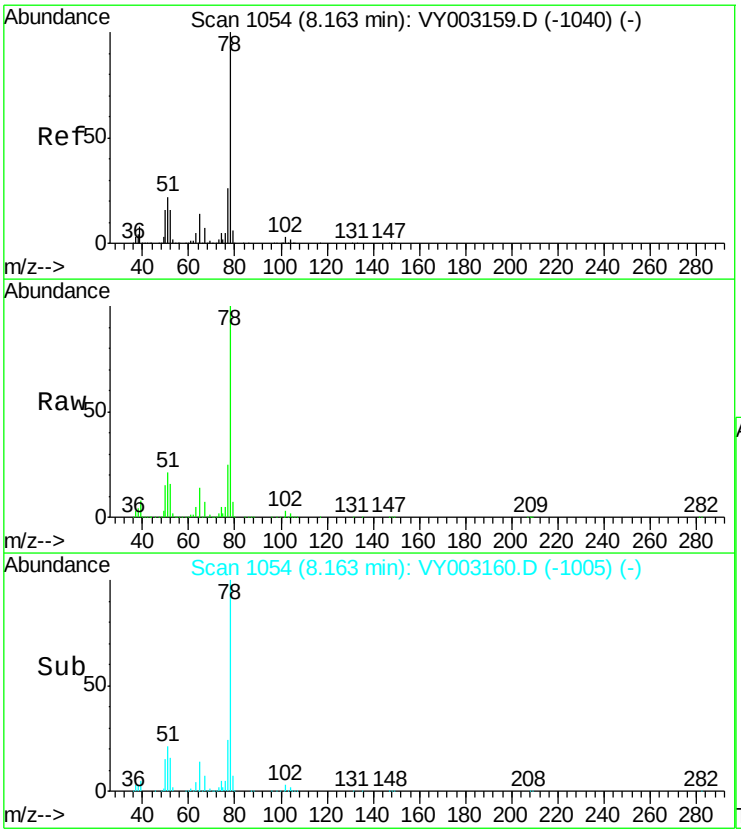

#39
Methylcyclohexane
Concen: 100.683 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion: 83 Resp: 798701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 72.9 | 57.2 | 85.8 |
| 98 | 49.4 | 41.0 | 61.6 |

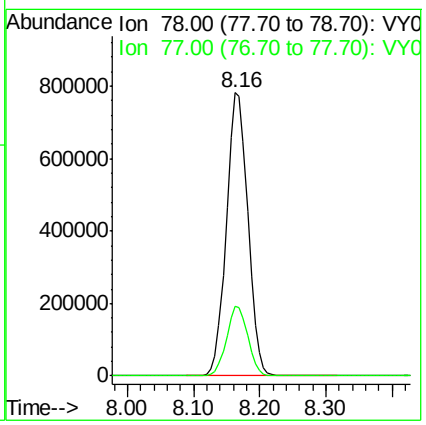


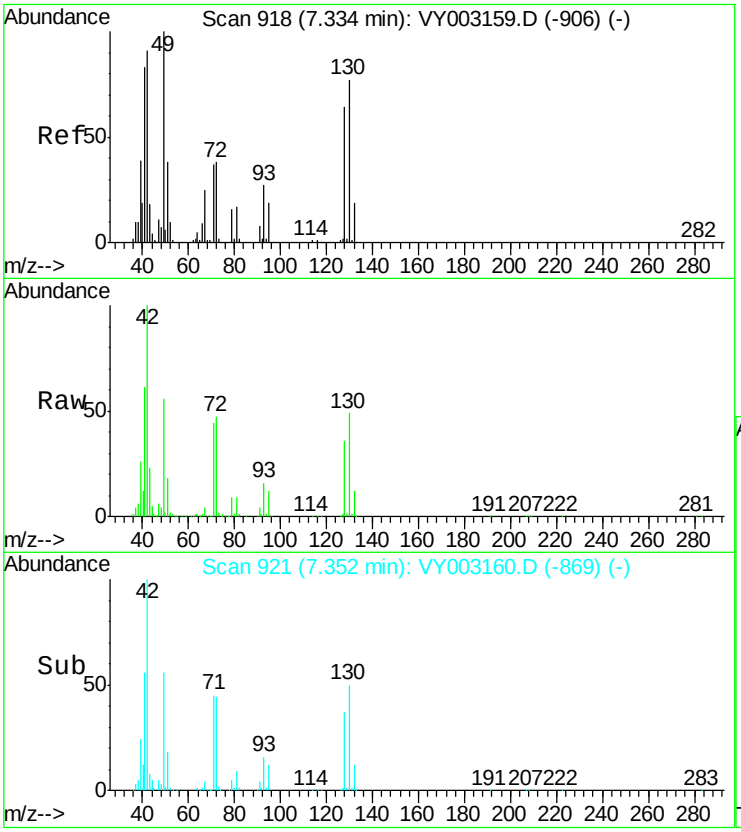




#40
Benzene
Concen: 100.125 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 78 Resp: 1754791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.5 | 20.7 | 31.1 |



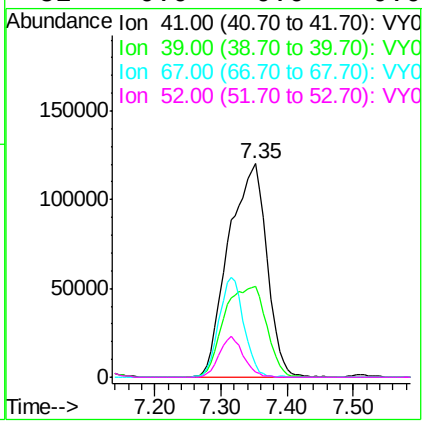


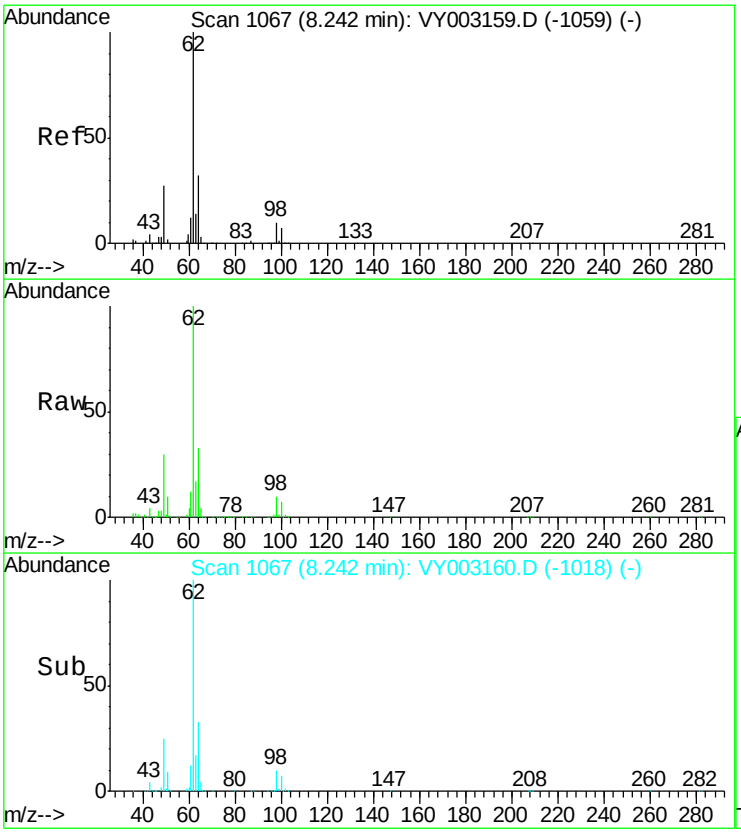

#41
Methacrylonitrile
Concen: 240.765 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion: 41 Resp: 483595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 46.9 | 83.3 | 124.9# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

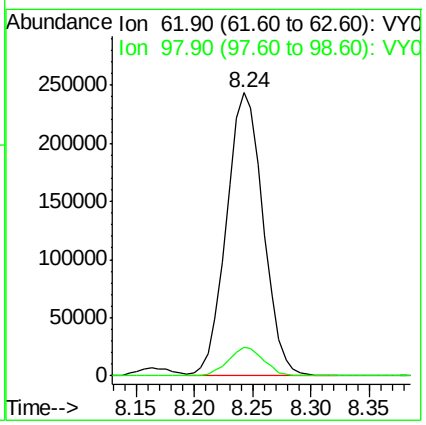


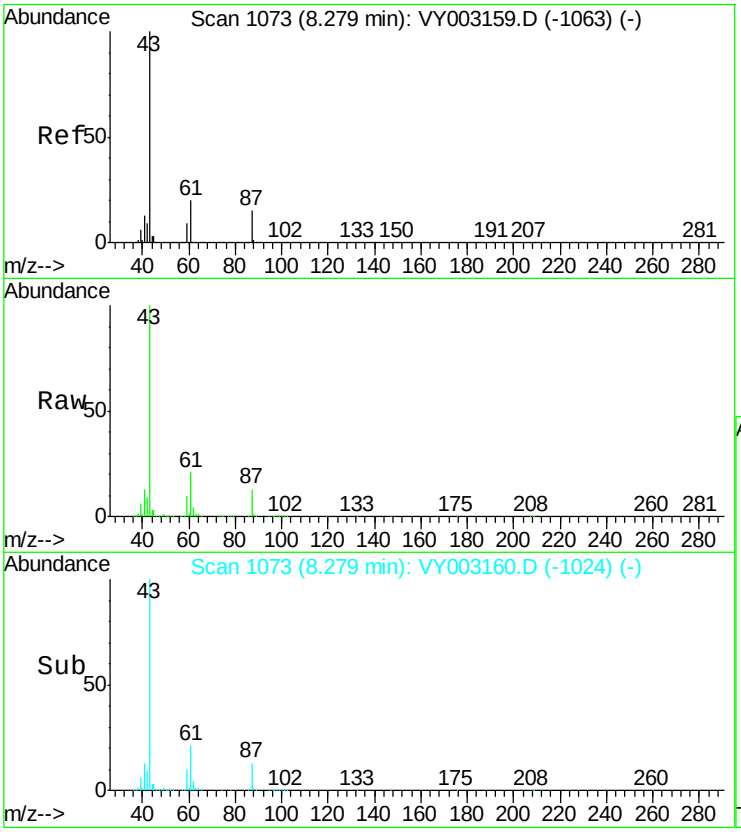




#42
1,2-Dichloroethane
Concen: 97.048 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 62 Resp: 534421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.8 | 0.0 | 19.0 |



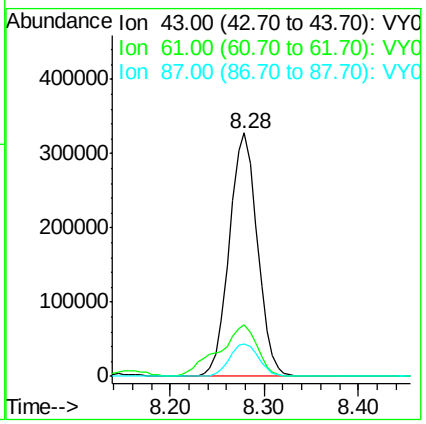


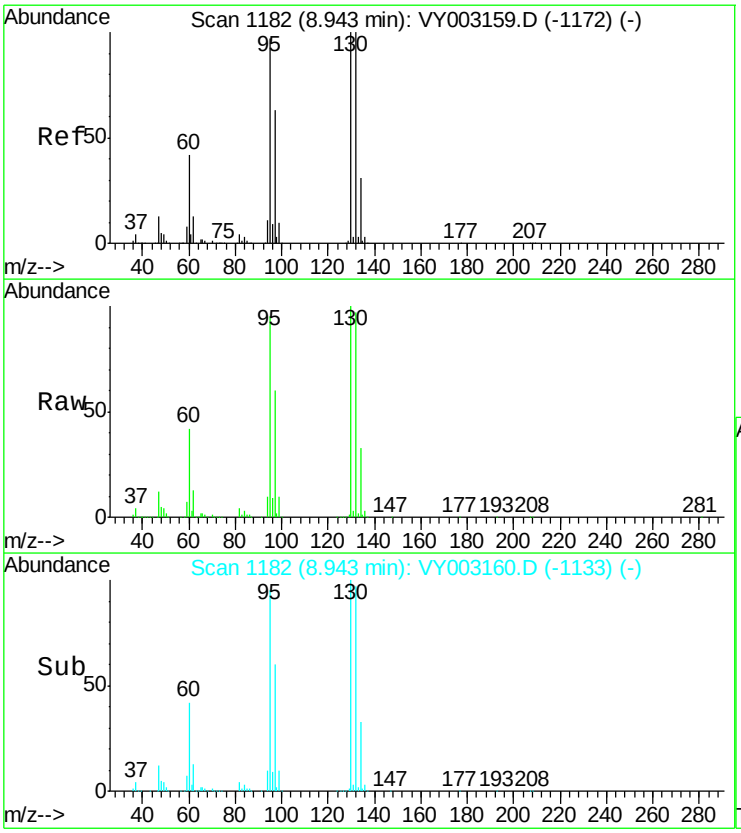

#43
Isopropyl Acetate
Concen: 94.515 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion: 43 Resp: 677592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 29.1 | 23.7 | 35.5 |
| 87 | 13.9 | 11.4 | 17.0 |

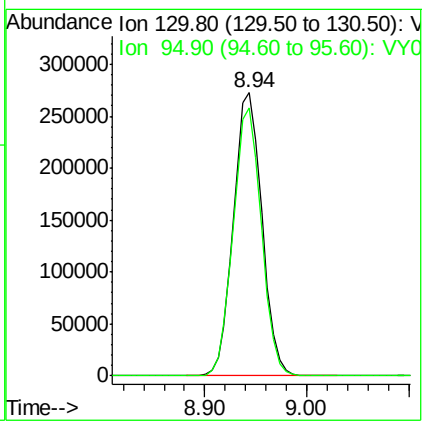


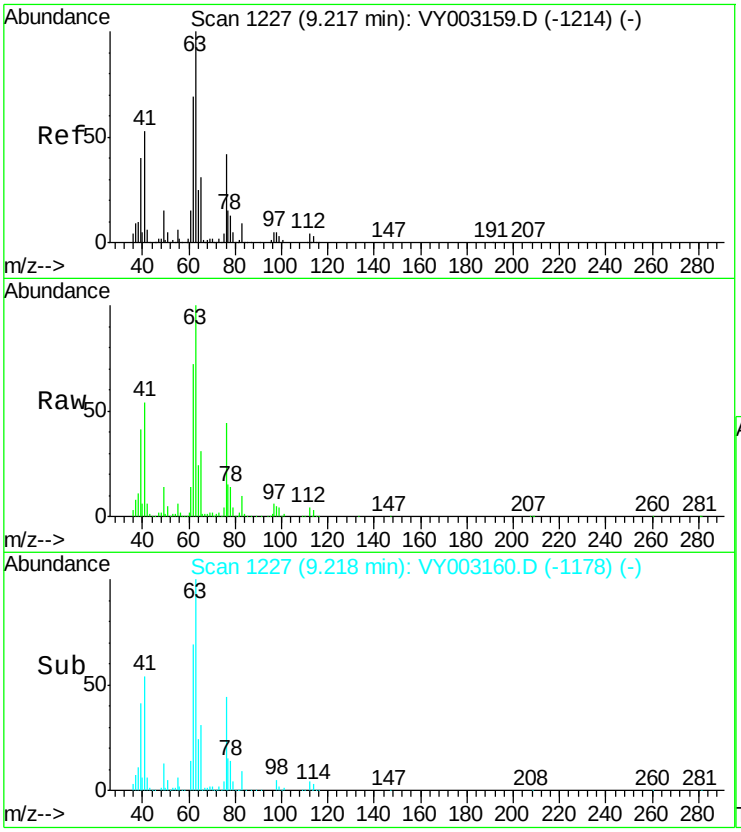




#44
Trichloroethene
Concen: 102.417 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:130 Resp: 526177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.6 | 0.0 | 193.8 |



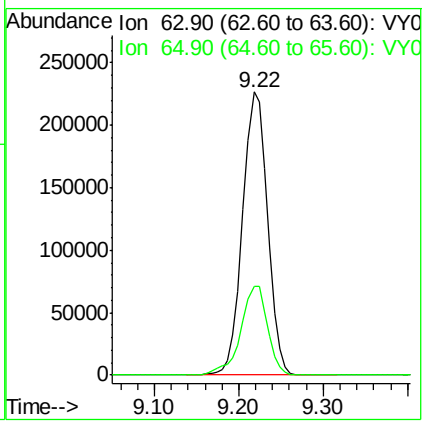


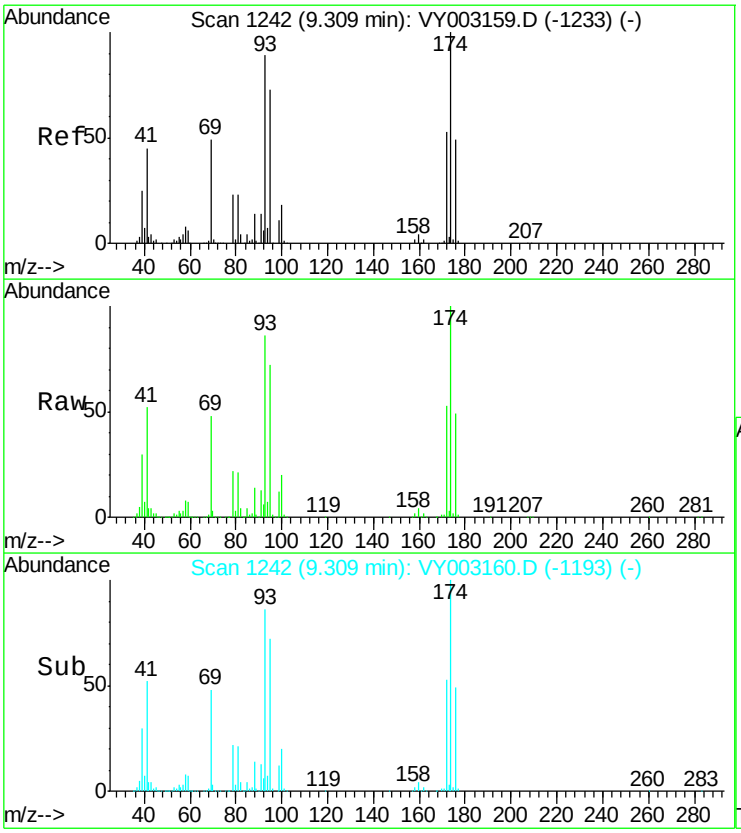

#45
1,2-Dichloropropane
Concen: 96.223 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion: 63 Resp: 451724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.2 | 25.0 | 37.4 |

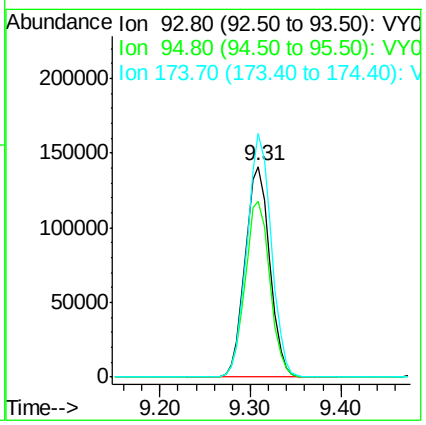


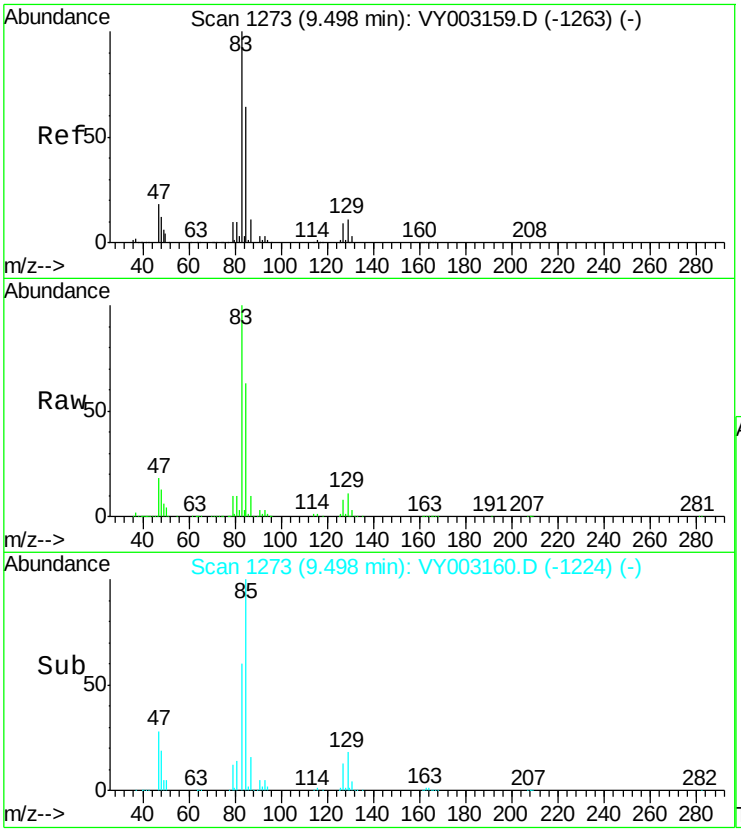




#46
Dibromomethane
Concen: 100.874 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 93 Resp: 266071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.5 | 66.6 | 99.8 |
| 174 | 113.7 | 90.2 | 135.4 |



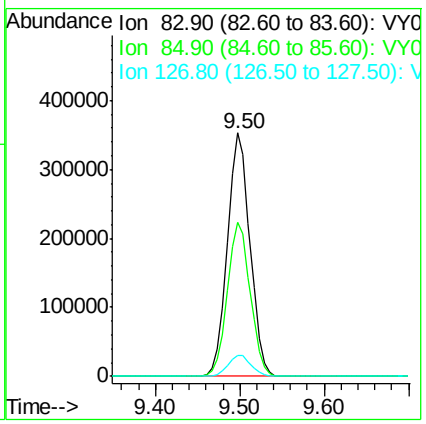


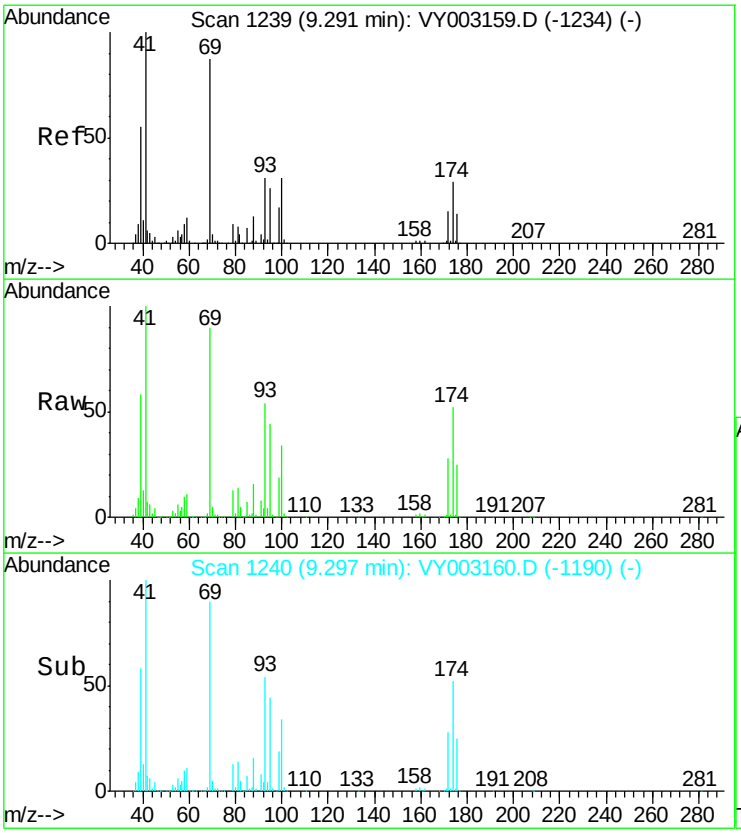

#47
Bromodichloromethane
Concen: 99.588 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 640104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 50.9 | 76.3 |
| 127 | 8.5 | 7.0 | 10.4 |

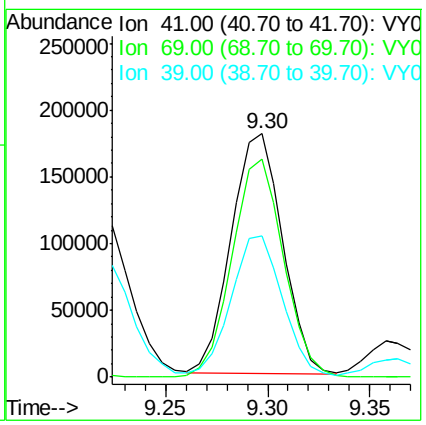


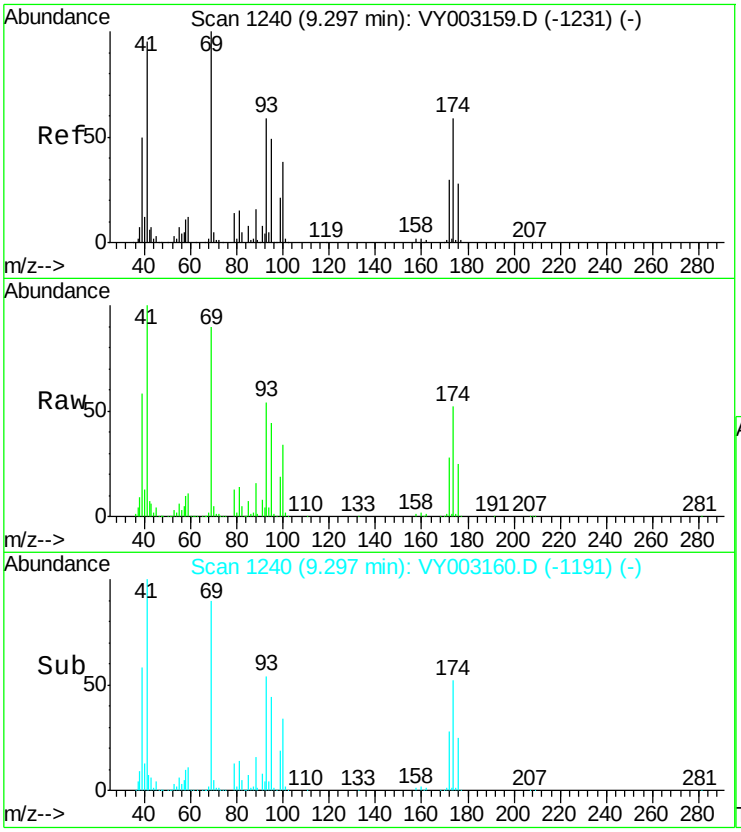




#48
Methyl methacrylate
Concen: 95.787 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 41 Resp: 312593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 91.7 | 74.5 | 111.7 |
| 39 | 57.5 | 47.5 | 71.3 |



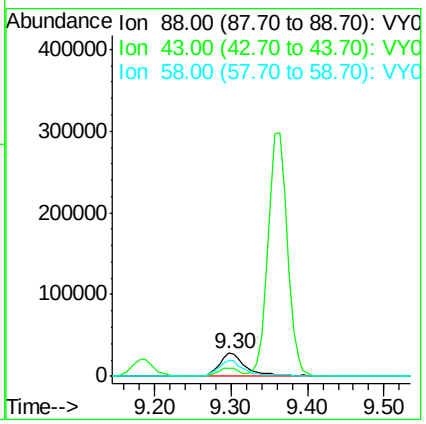


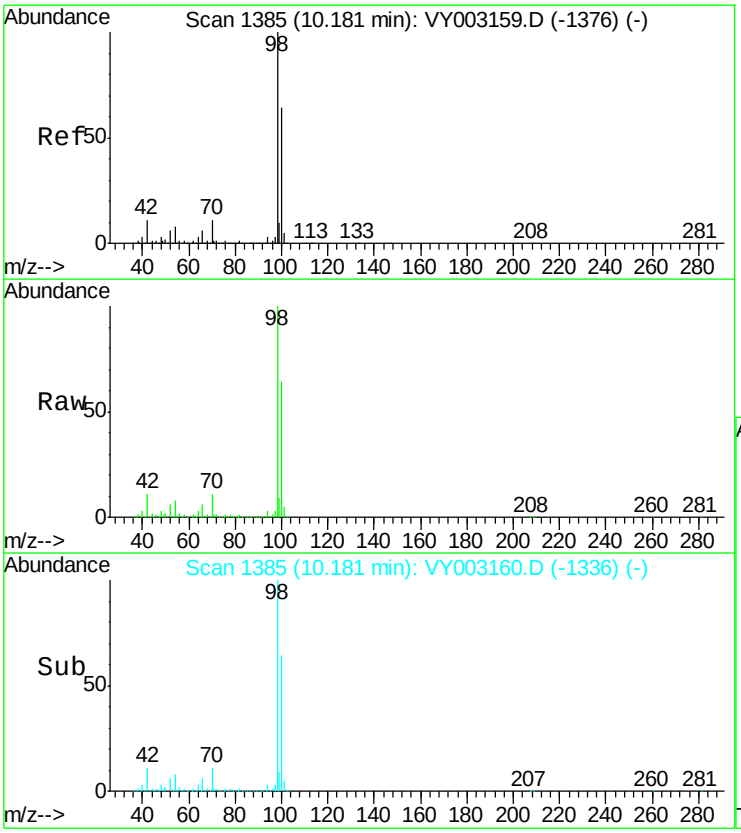

#49
1,4-Dioxane
Concen: 2158.694 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 88 Resp: 70317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.7 | 25.6 | 38.4 |
| 58 | 61.9 | 47.8 | 71.6 |

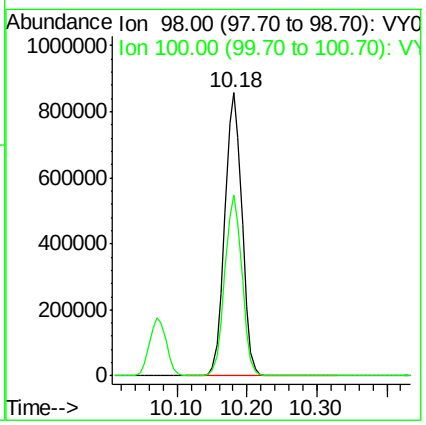


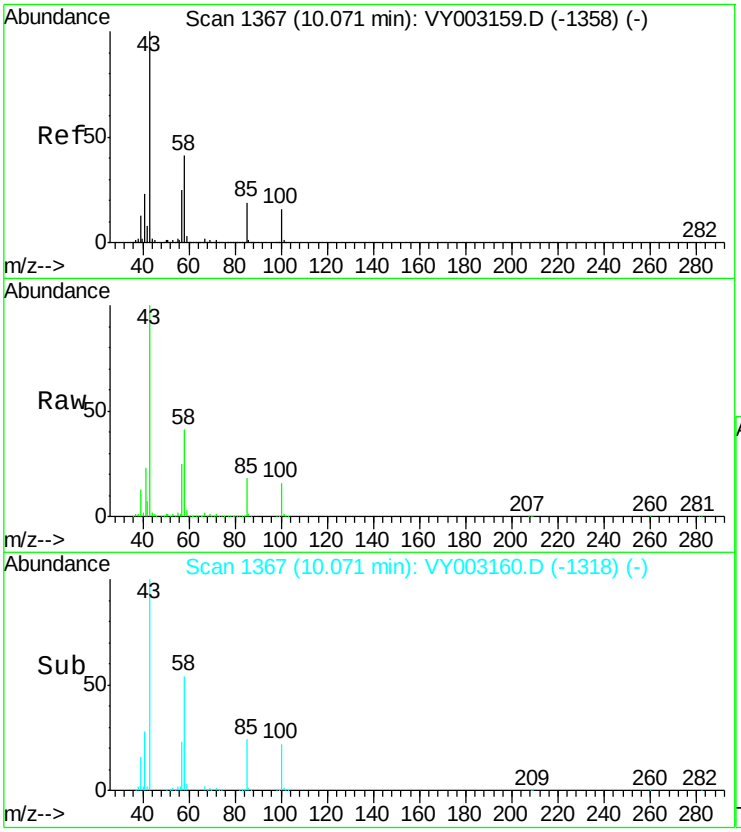




#50
Toluene-d8
Concen: 95.908 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 98 Resp: 1460923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 50.7 | 76.1 |



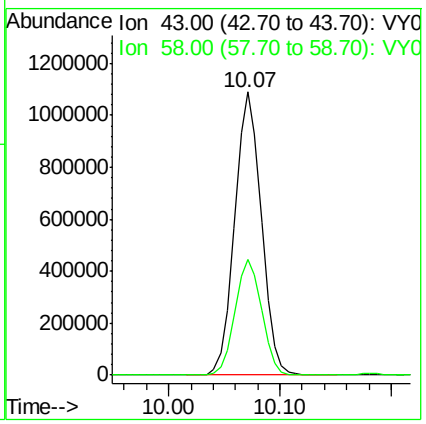


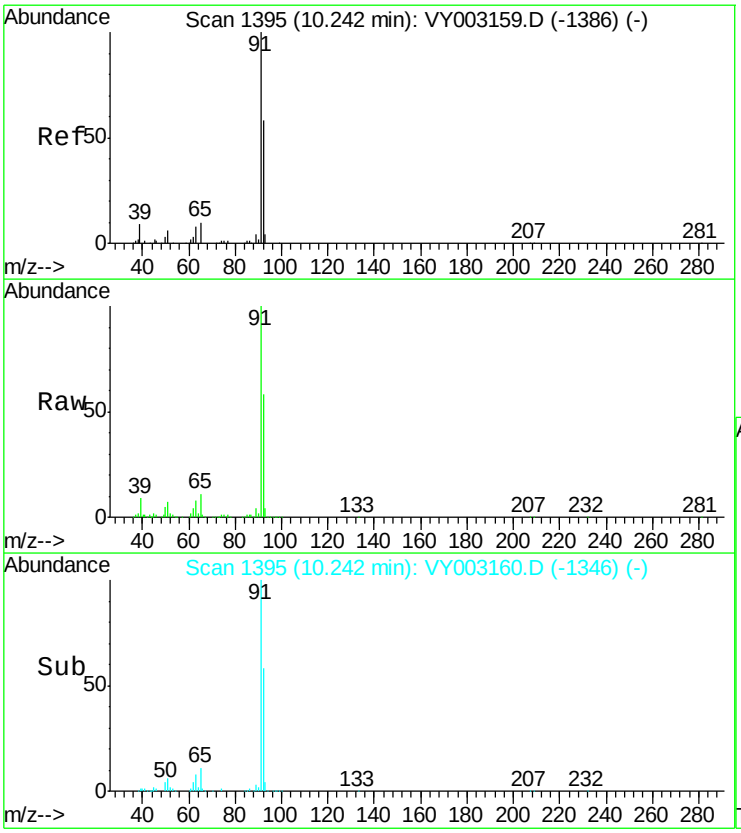

#51
4-Methyl-2-Pentanone
Concen: 484.160 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 1797603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.1 | 32.7 | 49.1 |

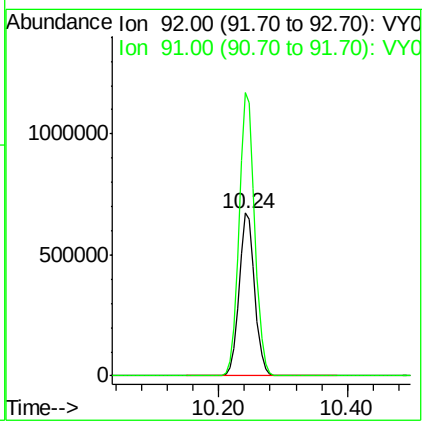


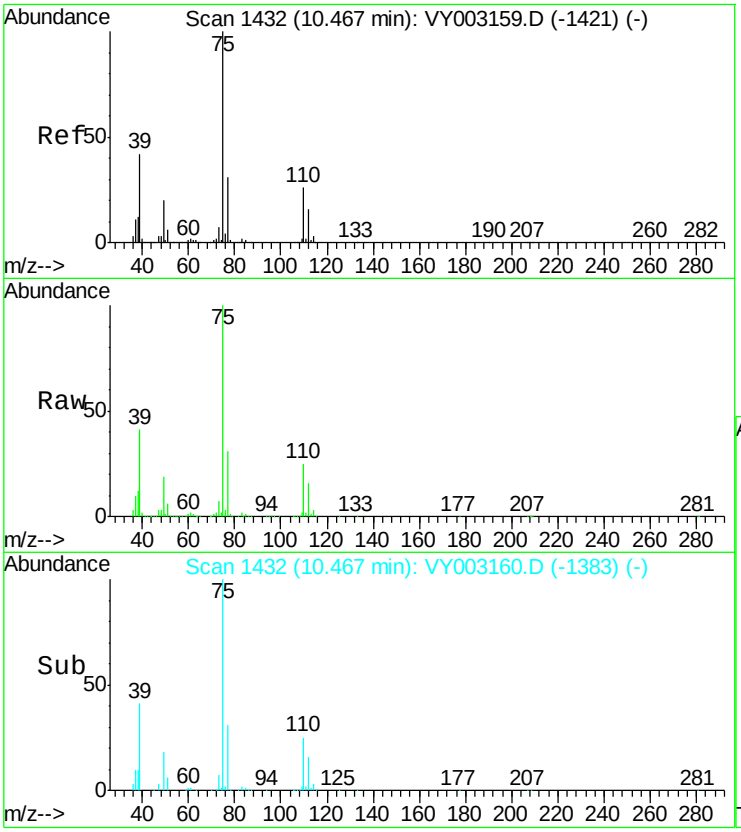




#52
Toluene
Concen: 101.450 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 92 Resp: 1123159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.5 | 139.7 | 209.5 |



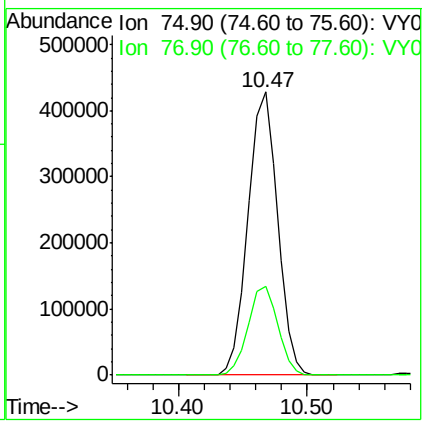


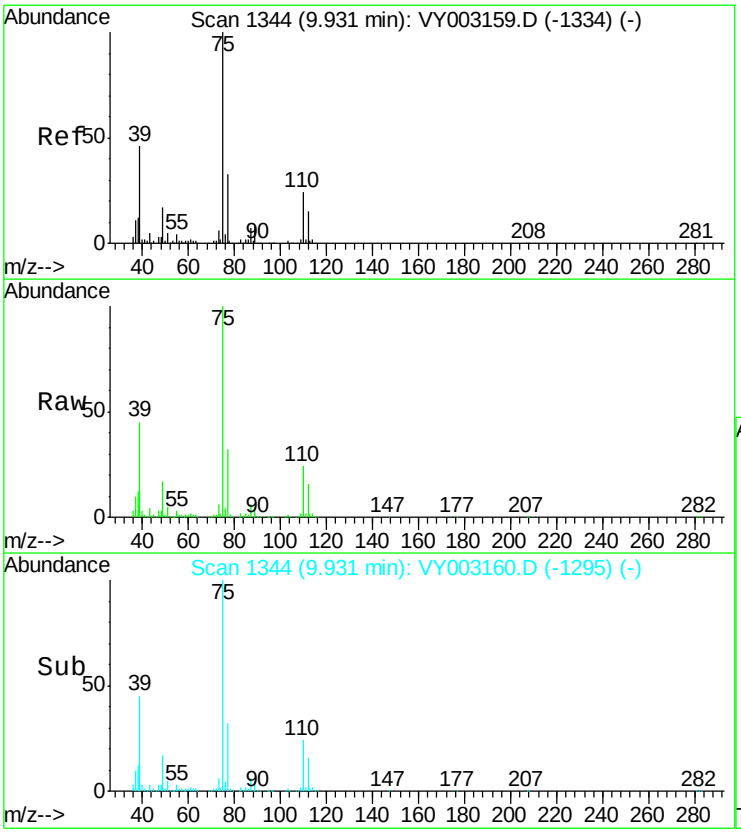

#53
t-1,3-Dichloropropene
Concen: 100.608 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 75 Resp: 676839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 25.2 | 37.8 |

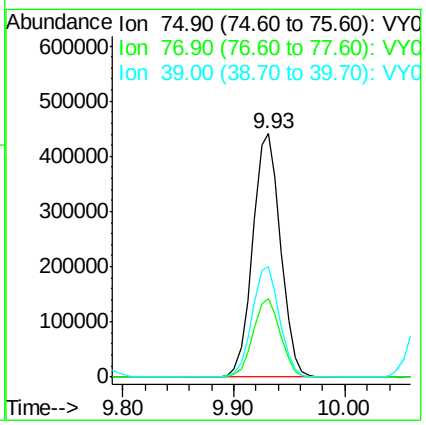


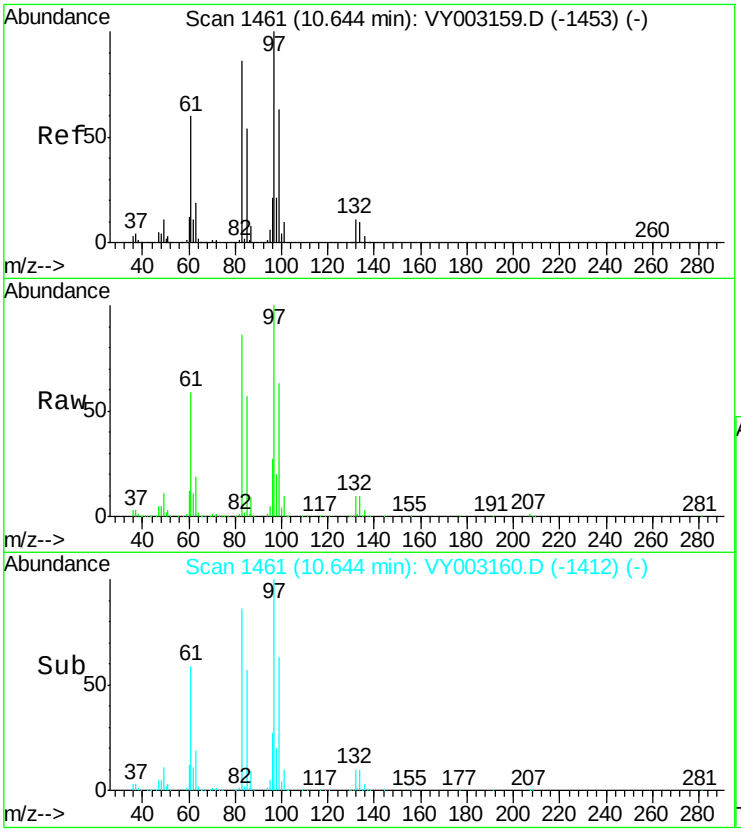




#54
cis-1,3-Dichloropropene
Concen: 99.909 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 75 Resp: 768677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 26.7 | 40.1 |
| 39 | 45.1 | 37.0 | 55.6 |



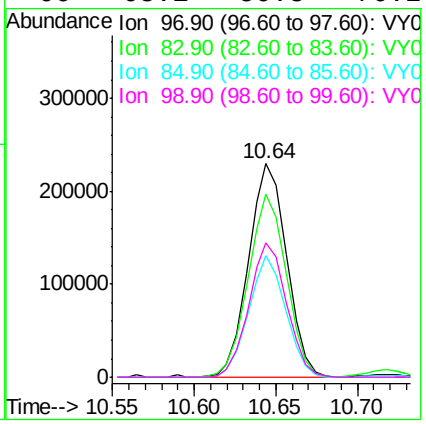


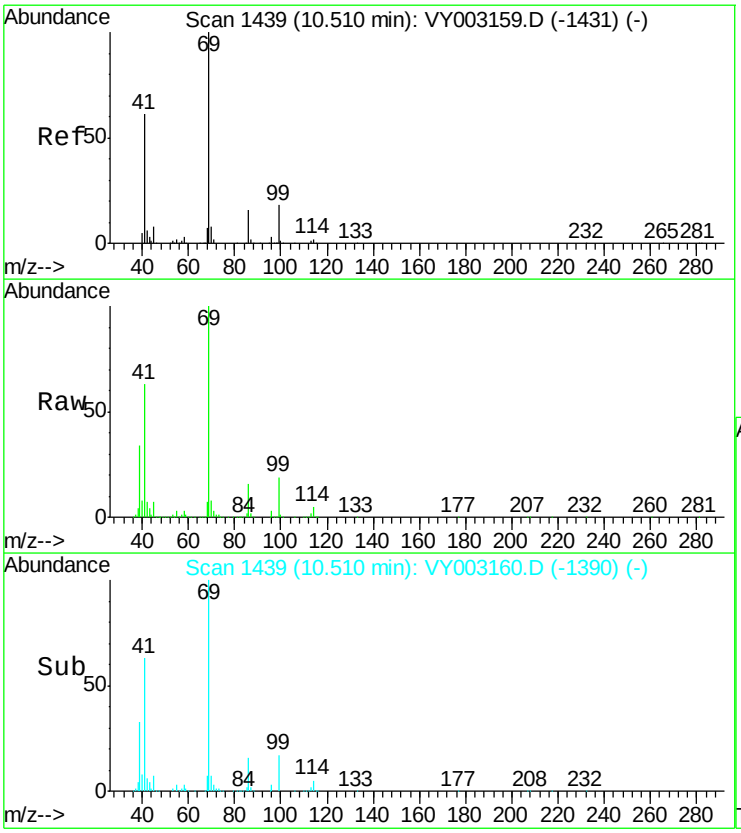

#55
1,1,2-Trichloroethane
Concen: 102.426 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 97 Resp: 374091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.8 | 68.8 | 103.2 |
| 85 | 56.6 | 43.1 | 64.7 |
| 99 | 63.1 | 50.8 | 76.2 |

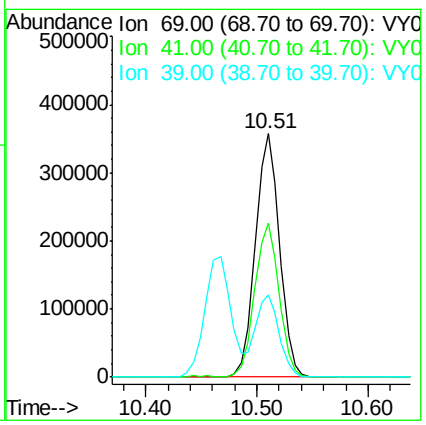


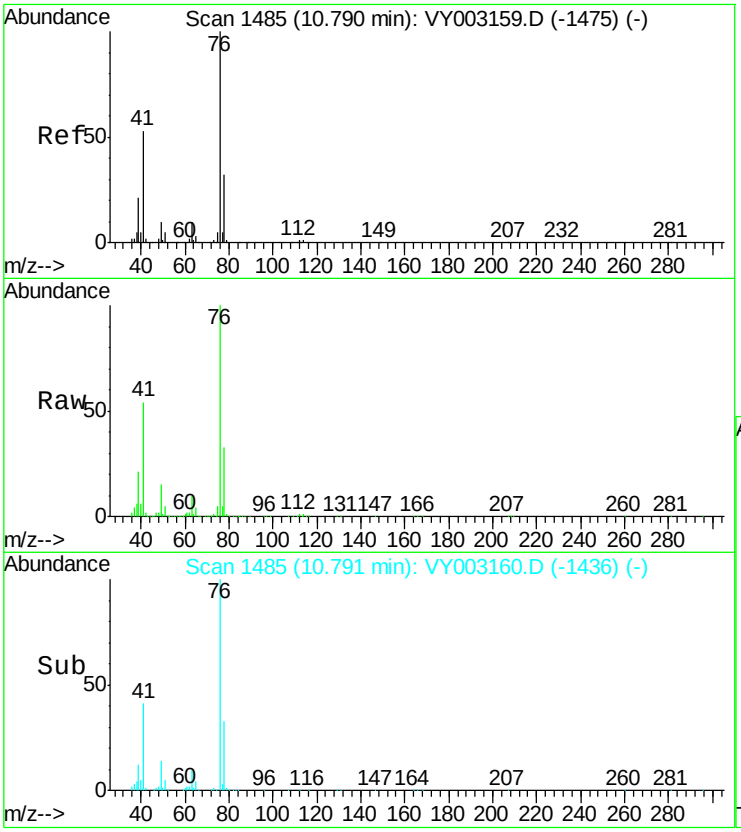




#56
Ethyl methacrylate
Concen: 103.012 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 69 Resp: 541522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.5 | 50.0 | 75.0 |
| 39 | 34.1 | 27.6 | 41.4 |



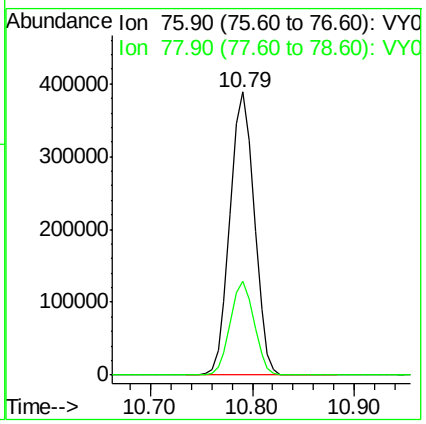


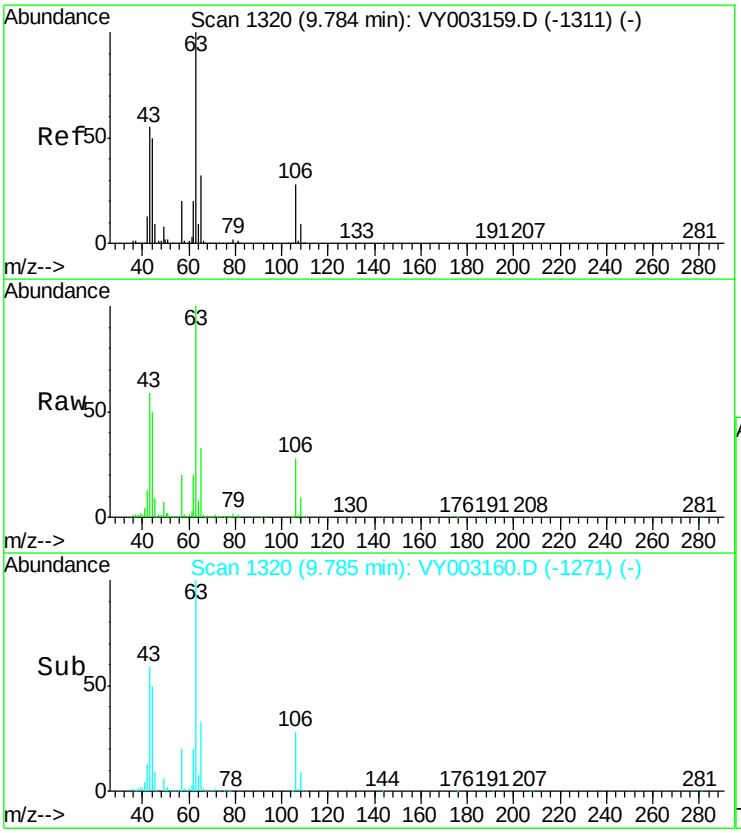

#57
1,3-Dichloropropane
Concen: 99.711 ug/l
RT: 10.79 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 76 Resp: 639786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 26.0 | 39.0 |

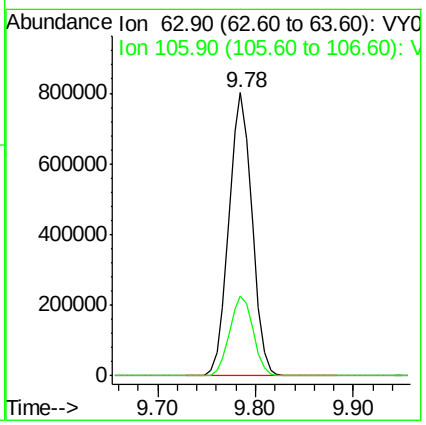


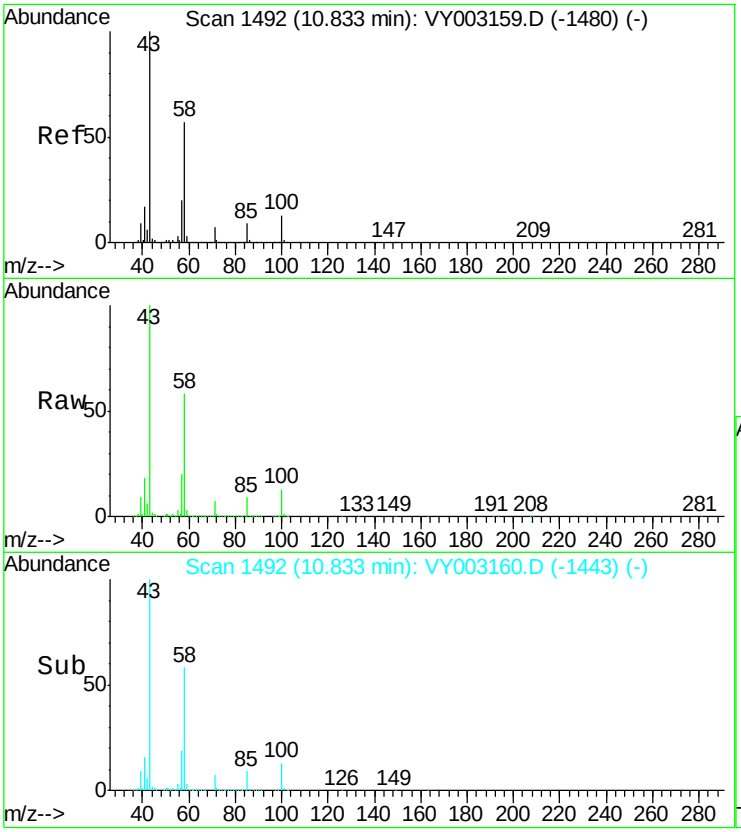




#58
2-Chloroethyl Vinyl ether
Concen: 491.904 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 63 Resp: 1310986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.6 | 22.9 | 34.3 |



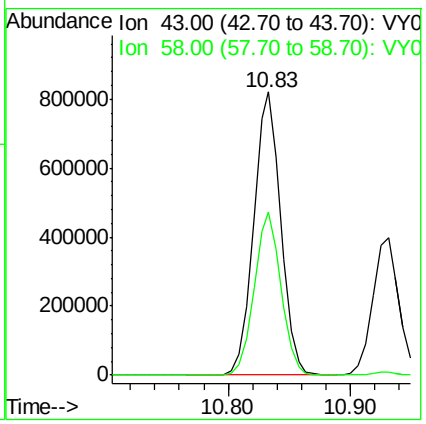


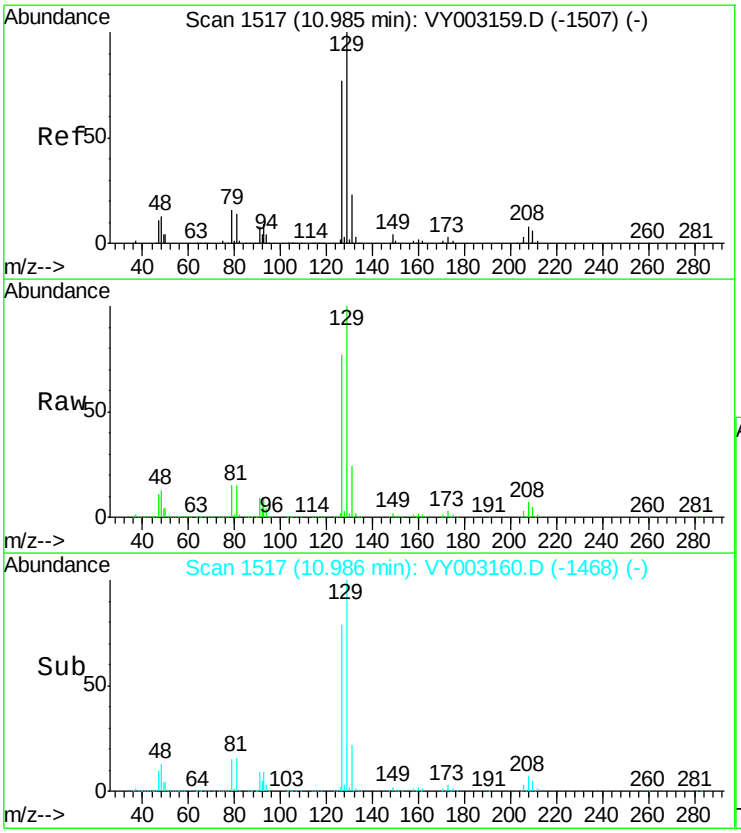

#59
2-Hexanone
Concen: 486.858 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion: 43 Resp: 1261947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.7 | 28.3 | 85.0 |

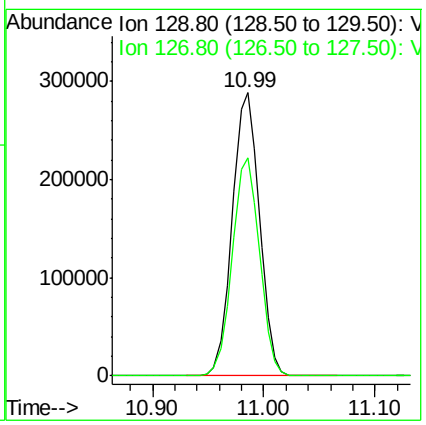


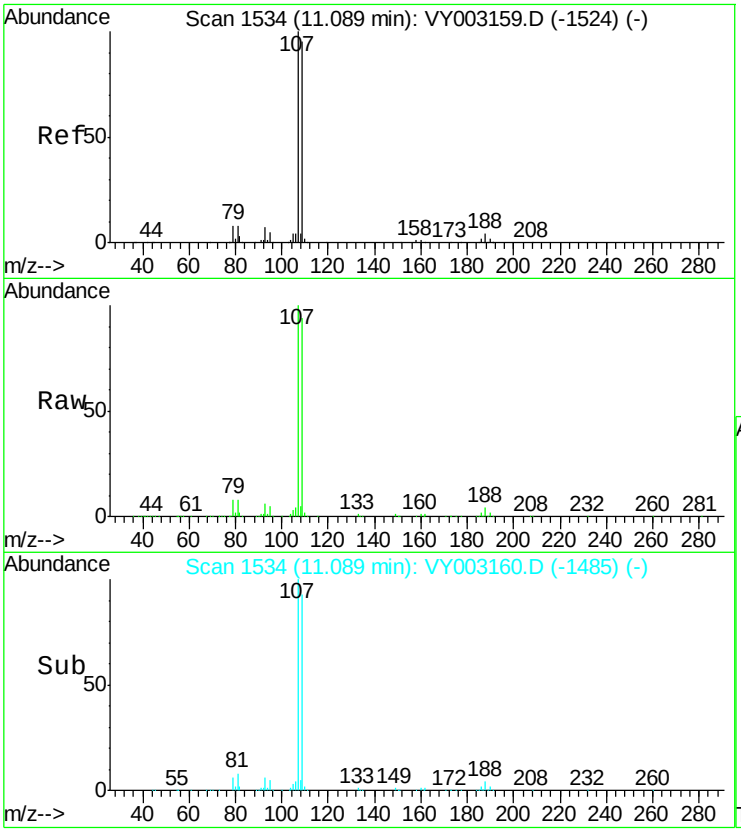




#60
Dibromochloromethane
Concen: 104.047 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:129 Resp: 487510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.0 | 38.5 | 115.5 |



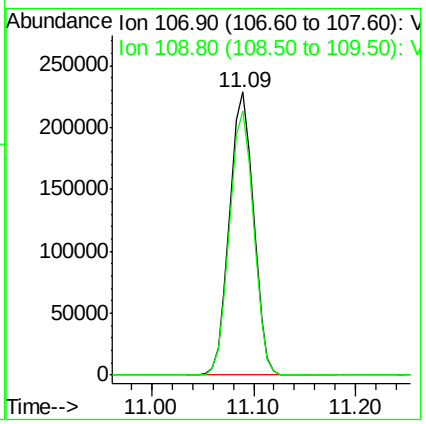


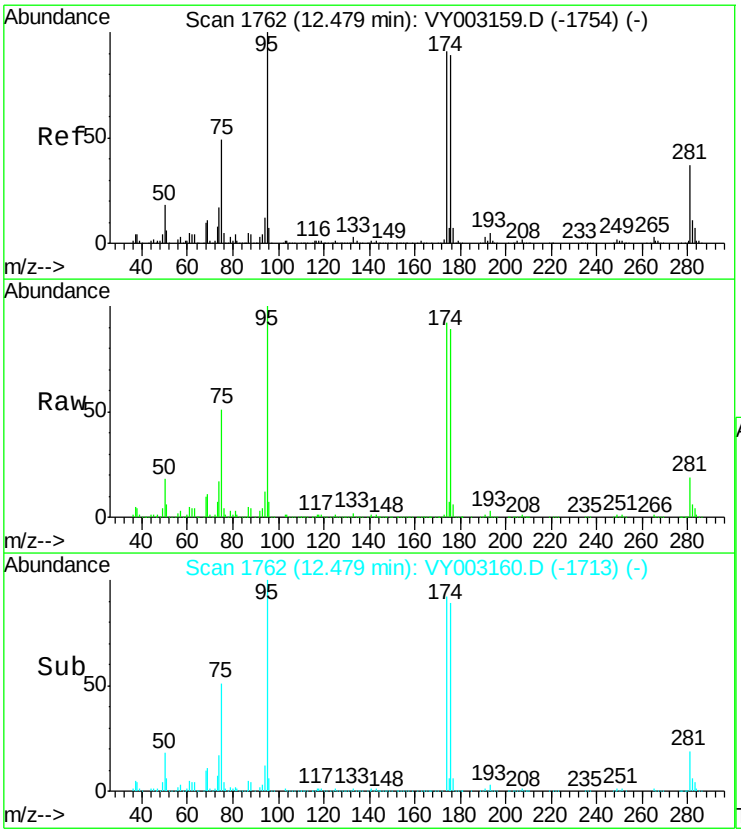

#61
1,2-Dibromoethane
Concen: 102.736 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion:107 Resp: 371359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.0 | 75.6 | 113.4 |

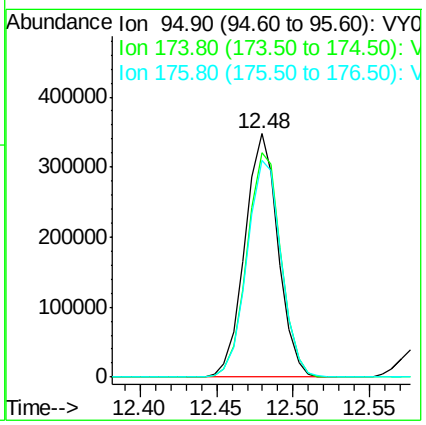


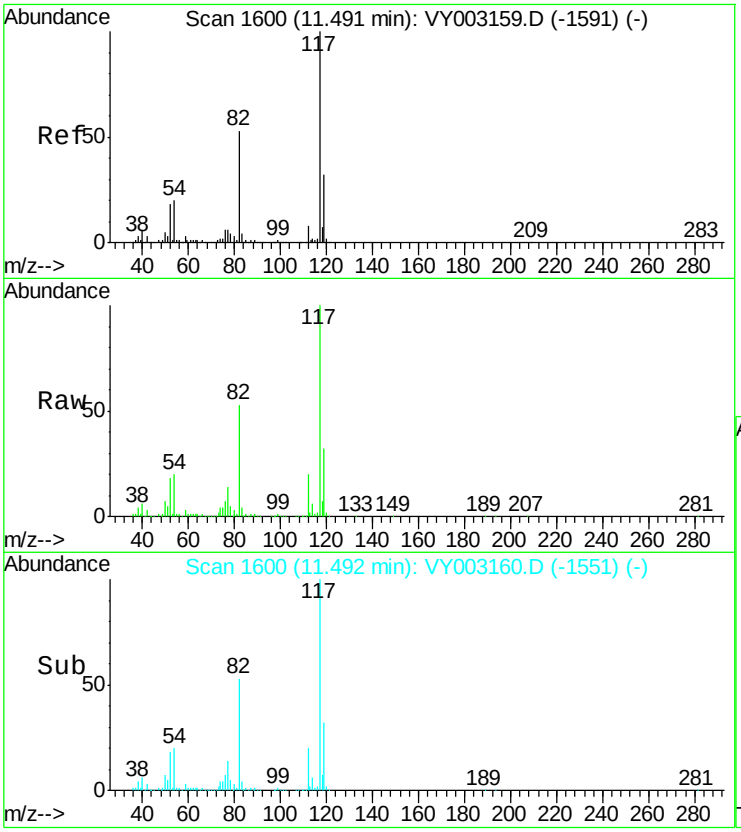




#62
4-Bromofluorobenzene
Concen: 97.684 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 95 Resp: 524516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.5 | 0.0 | 190.6 |
| 176 | 91.7 | 0.0 | 186.4 |



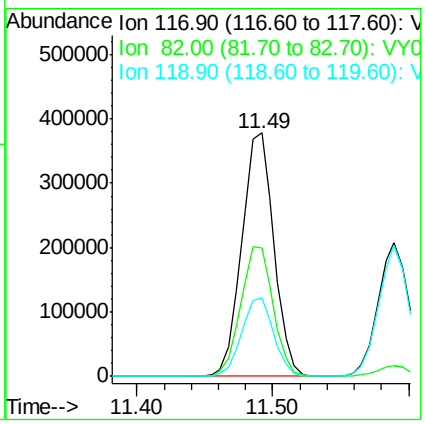


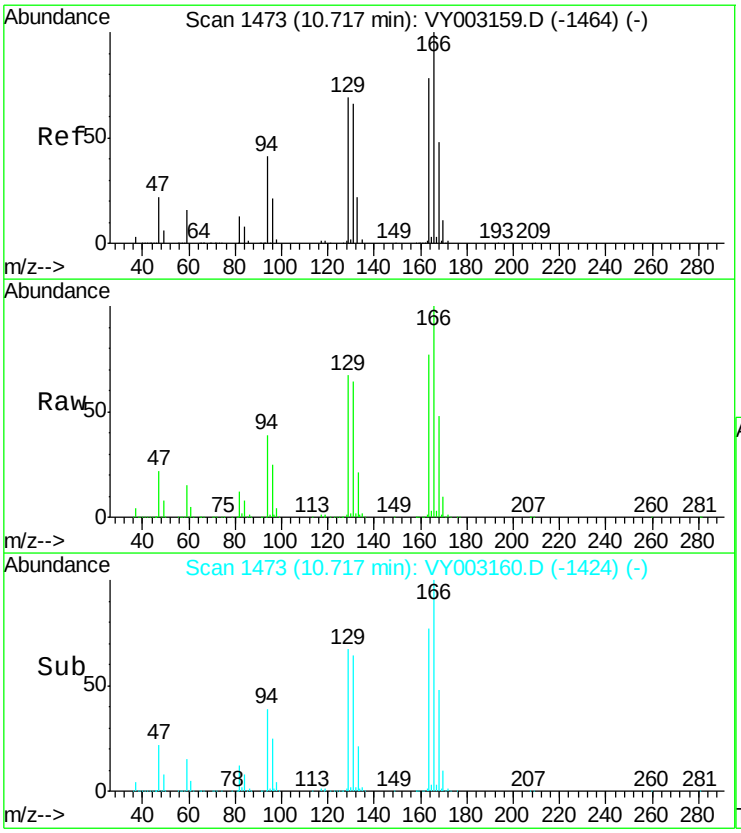

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:117 Resp: 623605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.8 | 42.0 | 63.0 |
| 119 | 32.2 | 25.5 | 38.3 |

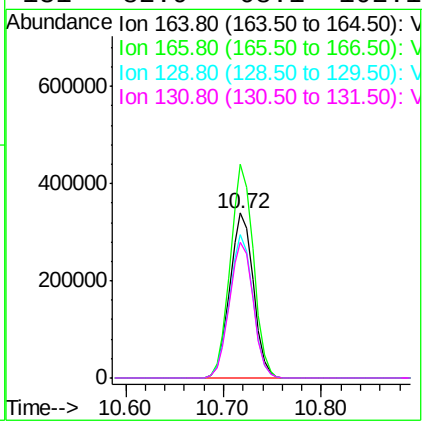


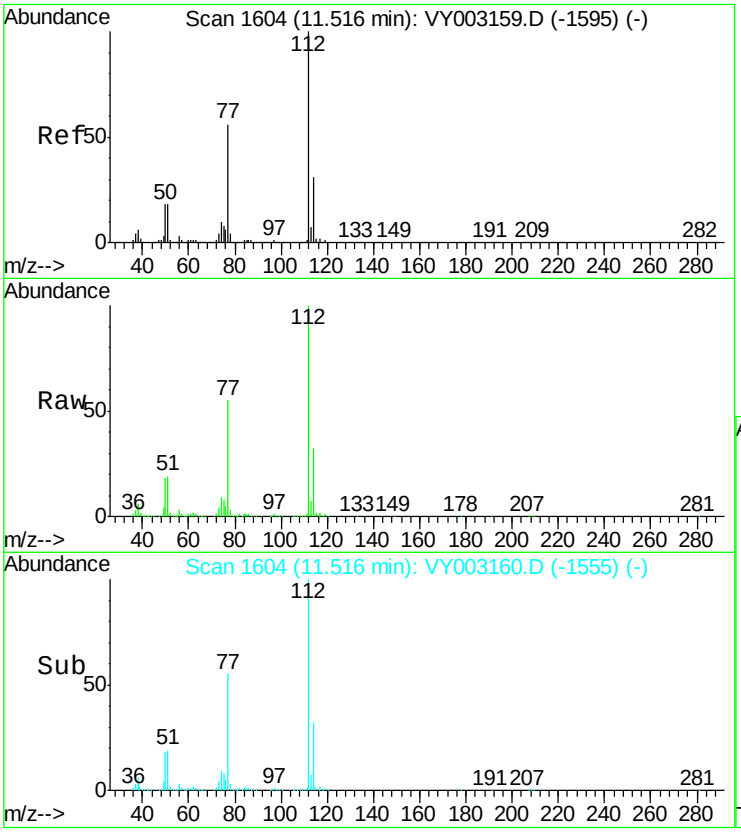




#64
Tetrachloroethene
Concen: 107.768 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:164 Resp: 566338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.8 | 102.9 | 154.3 |
| 129 | 87.4 | 71.4 | 107.2 |
| 131 | 82.9 | 68.1 | 102.1 |



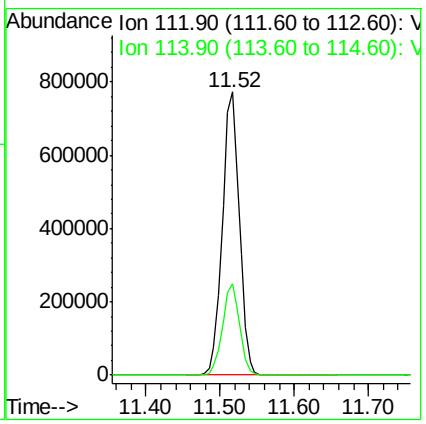


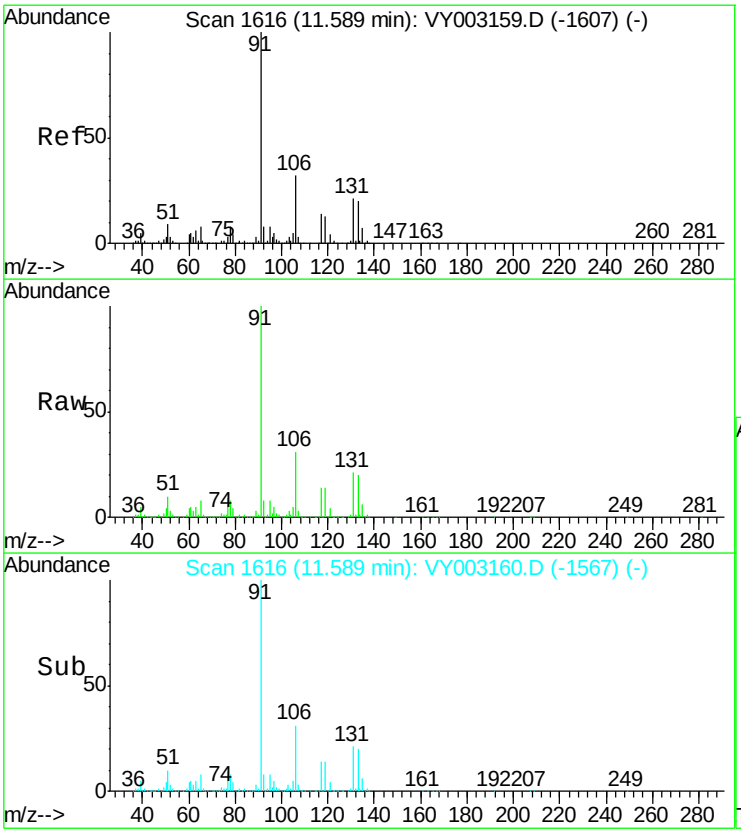

#65
Chlorobenzene
Concen: 101.441 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:112 Resp: 1232455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.3 | 24.7 | 37.1 |

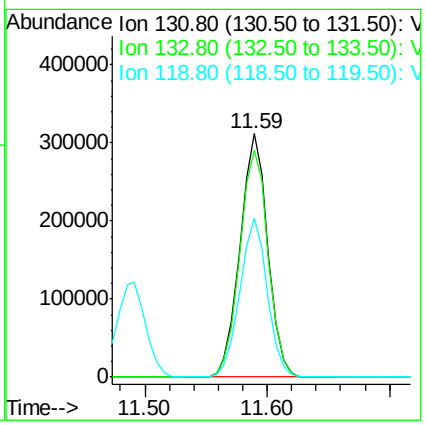


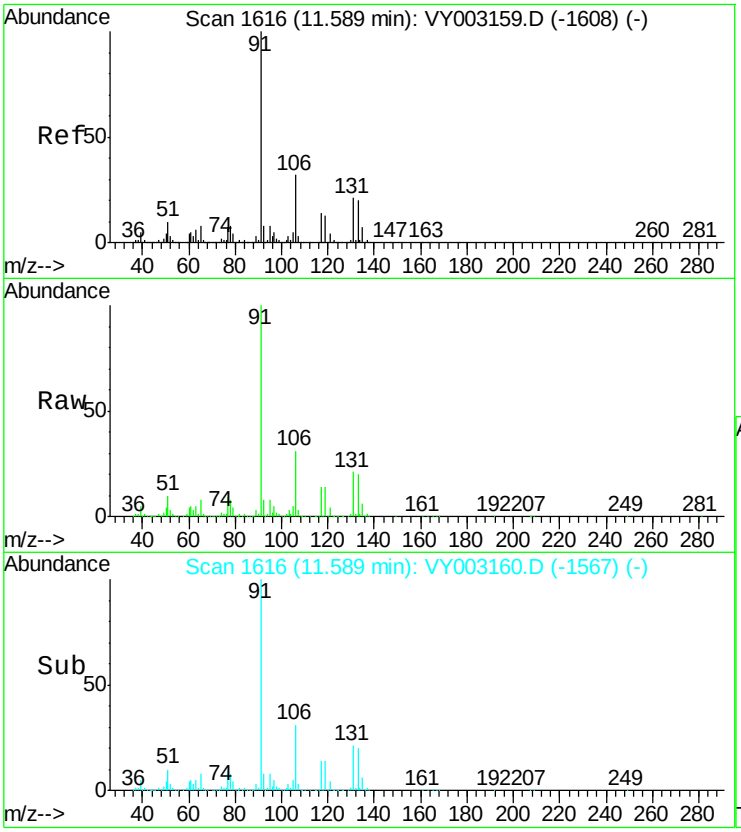




#66
1,1,1,2-Tetrachloroethane
Concen: 102.864 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:131 Resp: 486333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.9 | 48.0 | 144.0 |
| 119 | 64.7 | 32.4 | 97.0 |



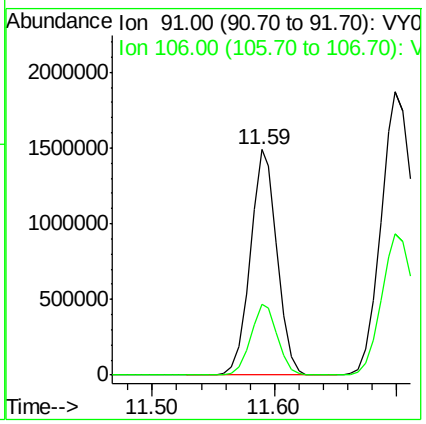


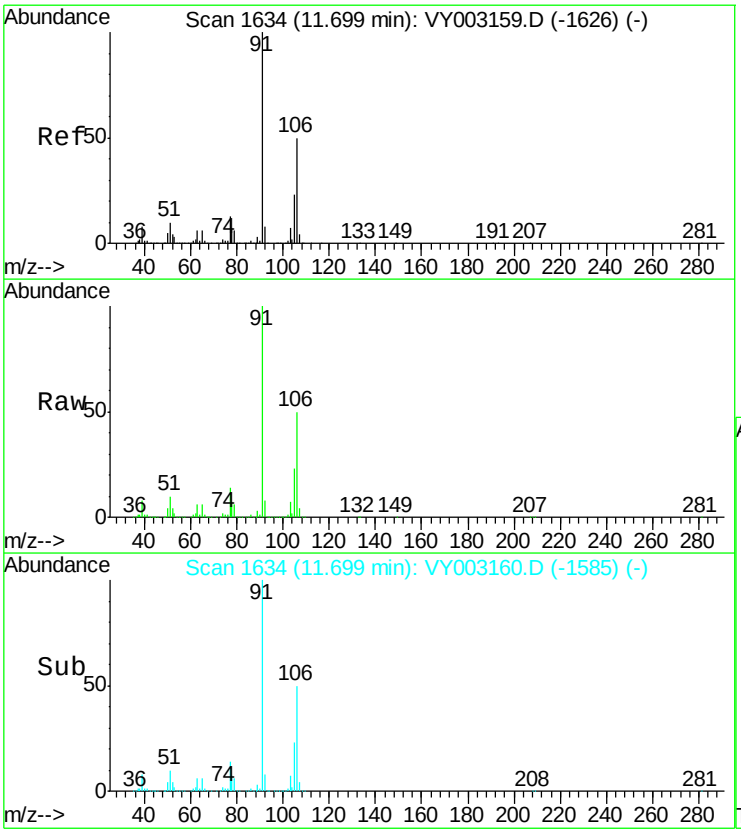

#67
Ethyl Benzene
Concen: 101.847 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 2258672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.5 | 25.5 | 38.3 |

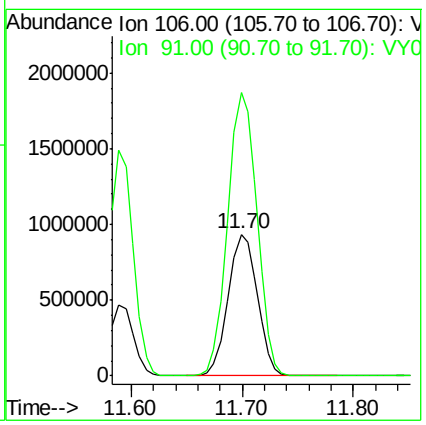


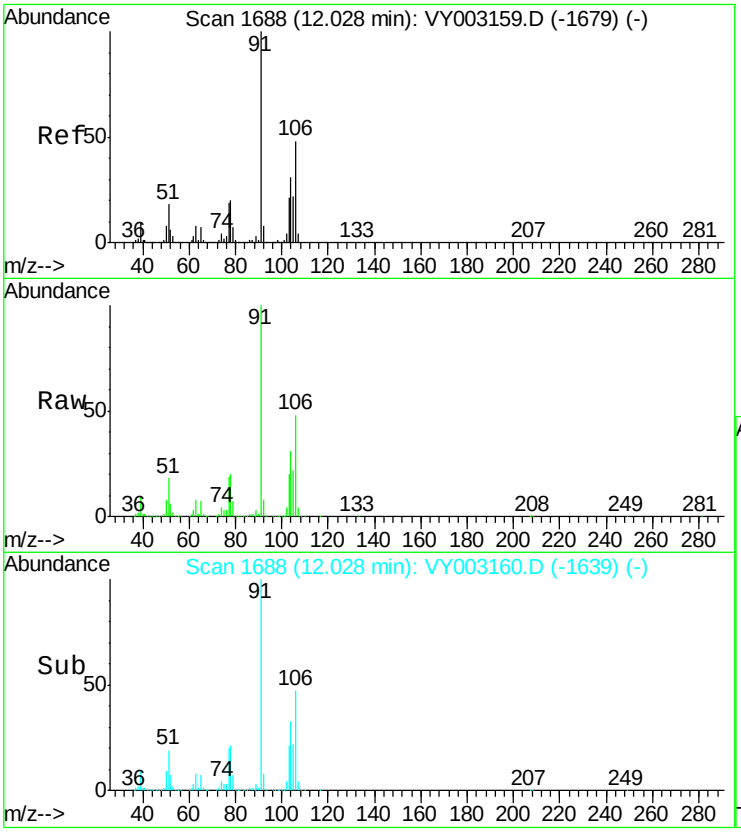




#68
m/p-Xylenes
Concen: 206.251 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:106 Resp: 1701472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.9 | 159.0 | 238.6 |



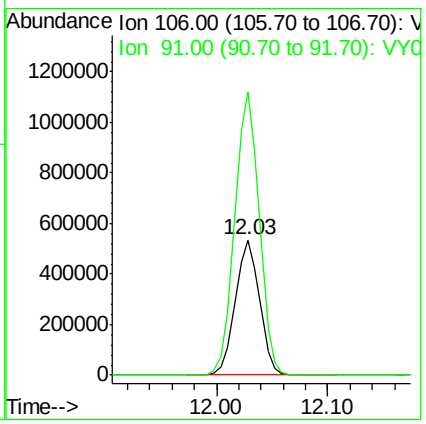


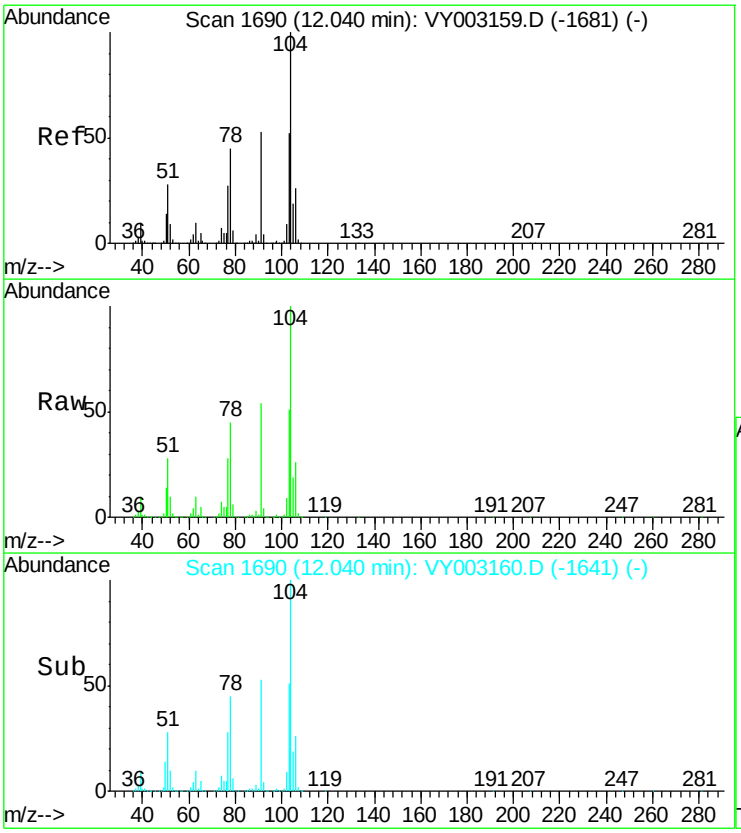

#69
o-Xylene
Concen: 103.277 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:106 Resp: 803580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.5 | 105.1 | 315.1 |

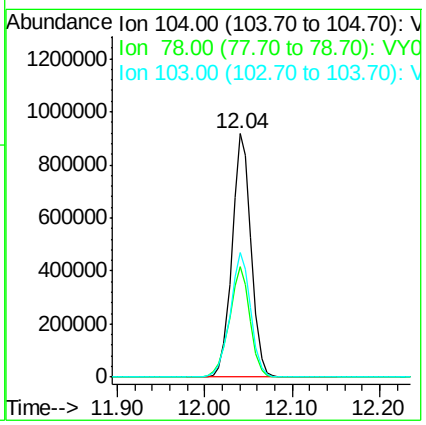


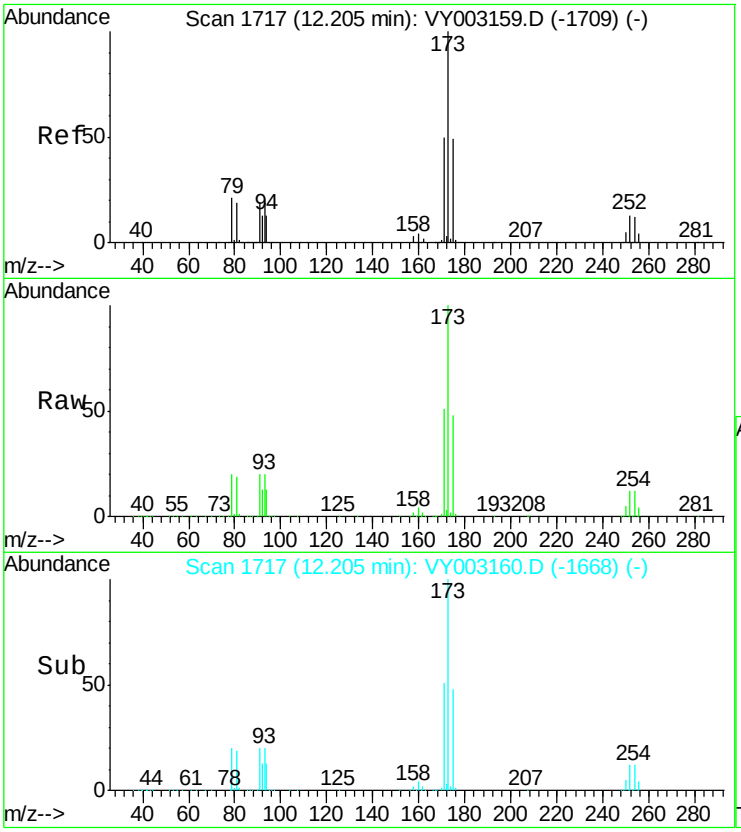




#70
Styrene
Concen: 104.875 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:104 Resp: 1394539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.9 | 38.5 | 57.7 |
| 103 | 54.9 | 43.9 | 65.9 |



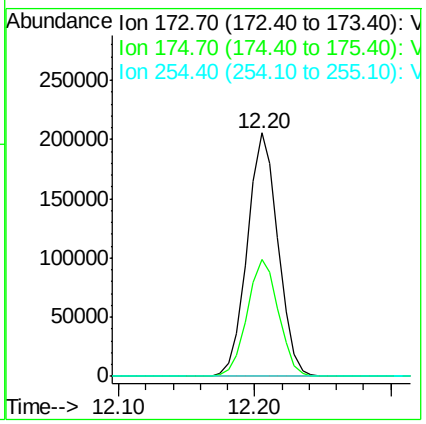


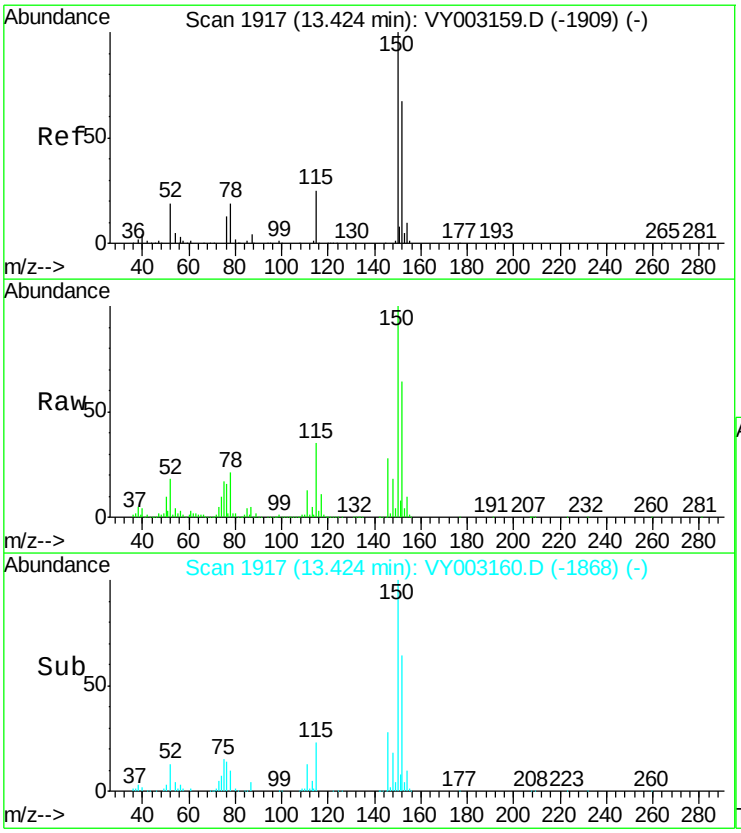

#71
Bromoform
Concen: 103.764 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:173 Resp: 325975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 24.3 | 73.0 |
| 254 | 0.2 | 0.2 | 0.2 |

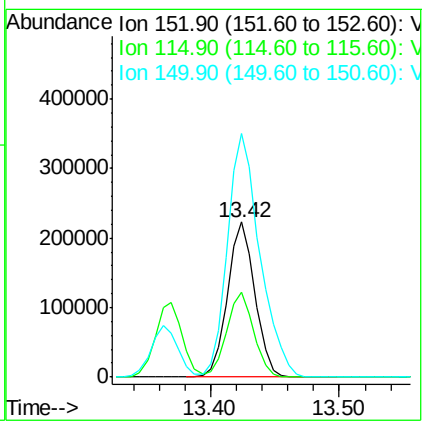


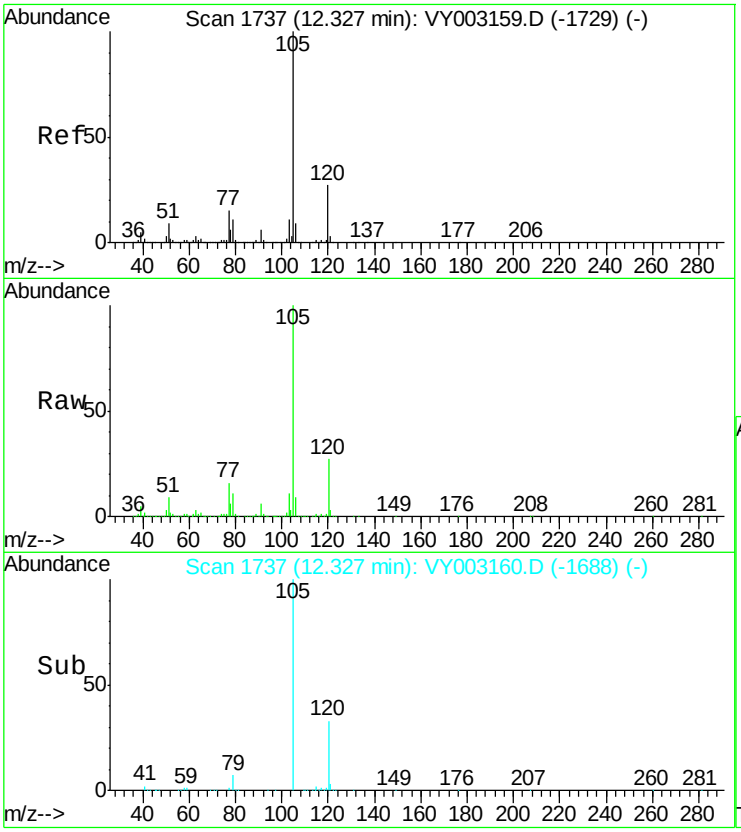




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:152 Resp: 329497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.9 | 26.9 | 80.7 |
| 150 | 186.7 | 0.0 | 338.0 |



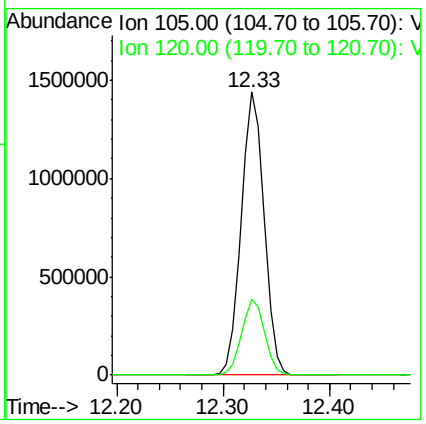


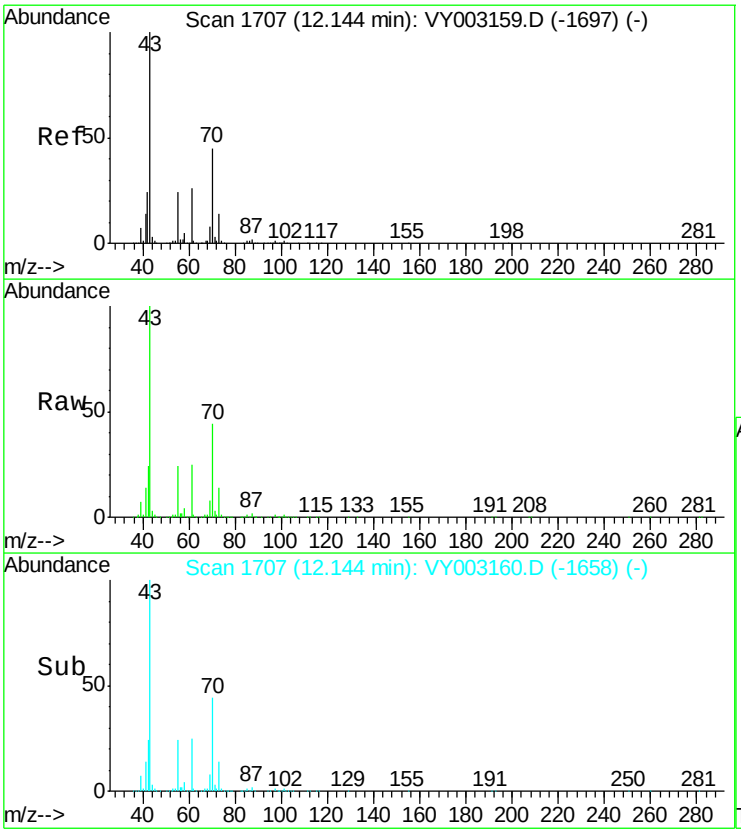

#73
Isopropylbenzene
Concen: 102.329 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion:105 Resp: 2182120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.4 | 40.2 |

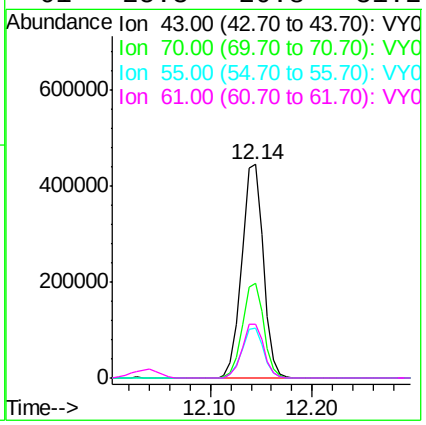


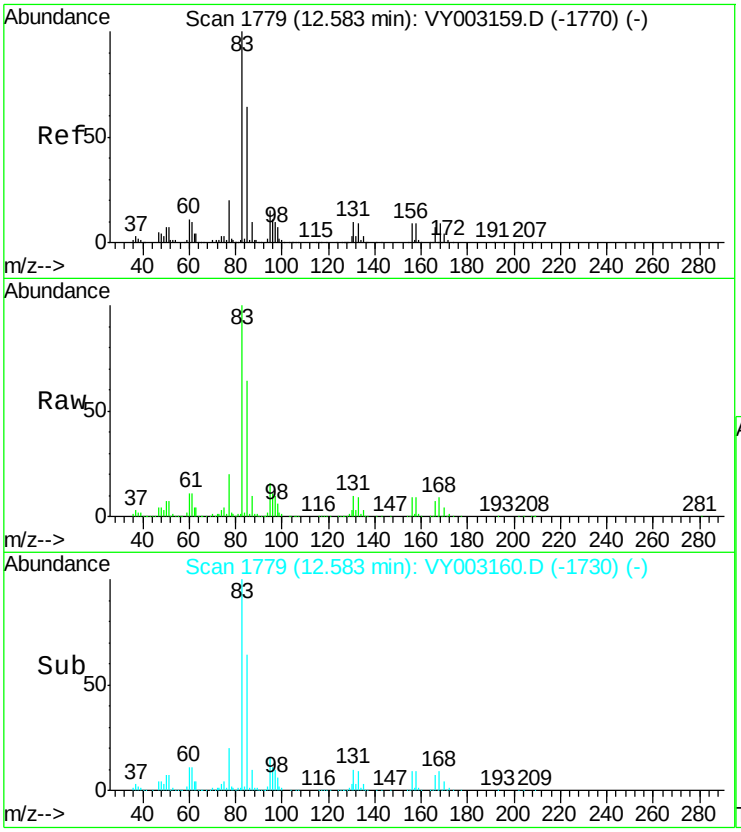




#74
N-amyl acetate
Concen: 96.057 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 43 Resp: 651021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.0 | 35.6 | 53.4 |
| 55 | 23.5 | 19.4 | 29.2 |
| 61 | 25.3 | 20.8 | 31.2 |



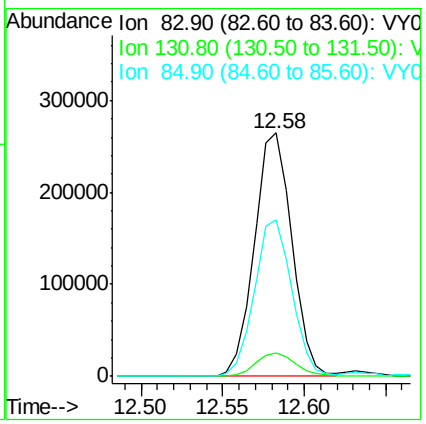


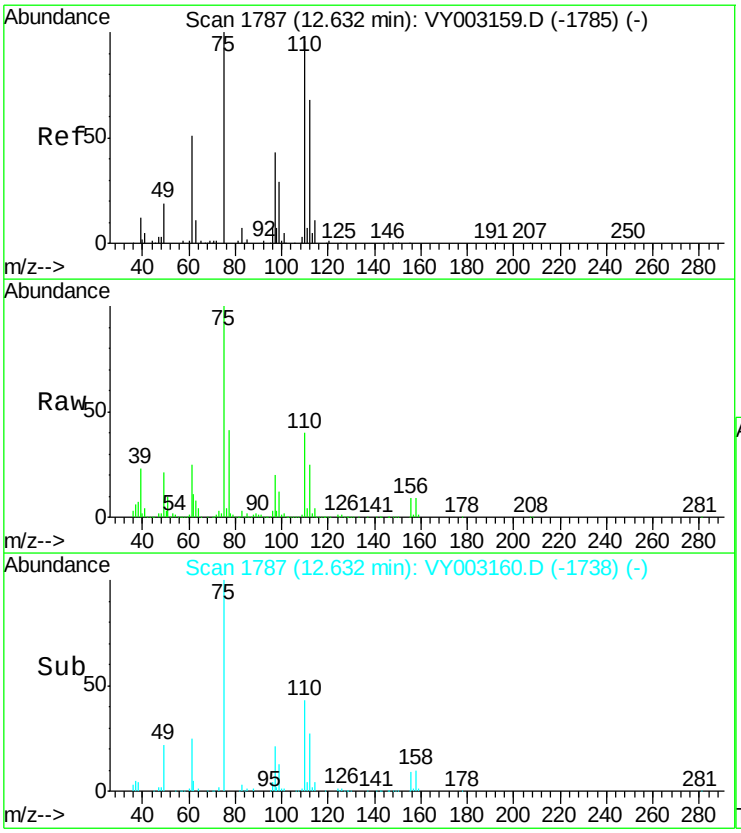

#75
1,1,2,2-Tetrachloroethane
Concen: 98.880 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 422051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.4 | 5.2 | 15.6 |
| 85 | 64.2 | 32.0 | 96.0 |

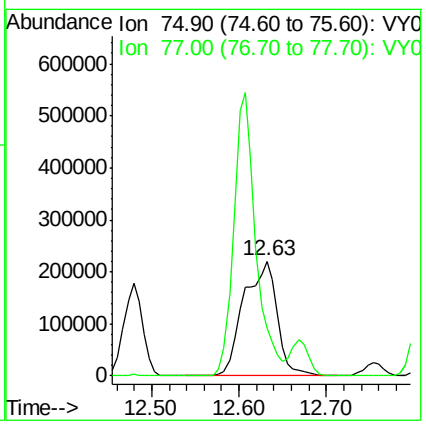


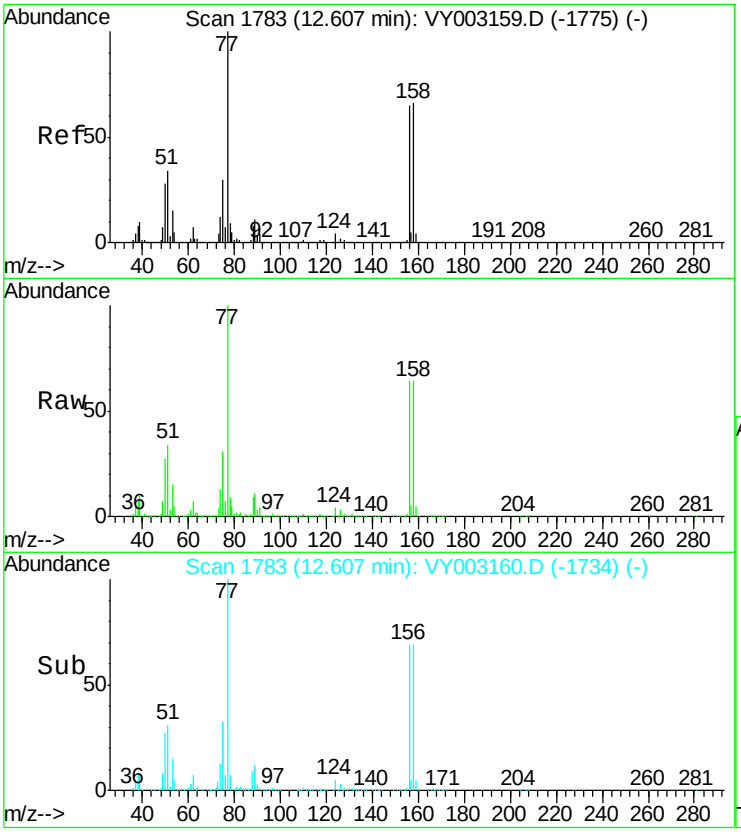




#76
1,2,3-Trichloropropane
Concen: 184.310 ug/l
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 75 Resp: 583813

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



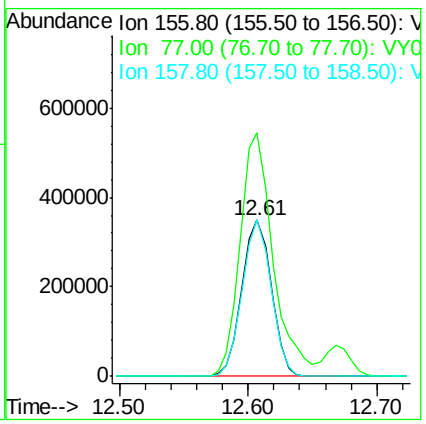


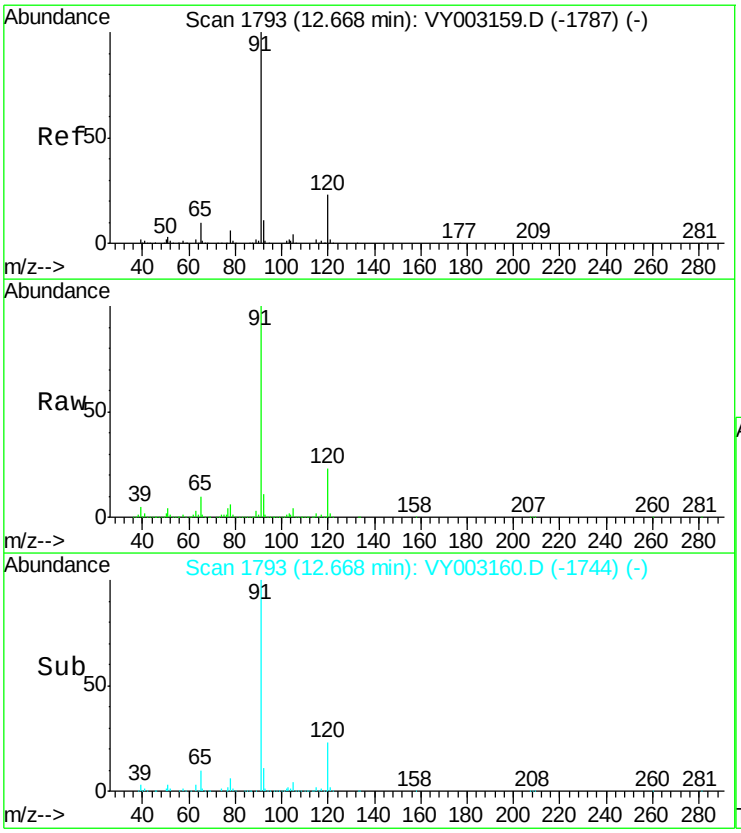

#77
Bromobenzene
Concen: 101.192 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:156 Resp: 552628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 174.1 | 86.6 | 259.7 |
| 158 | 97.9 | 49.4 | 148.0 |

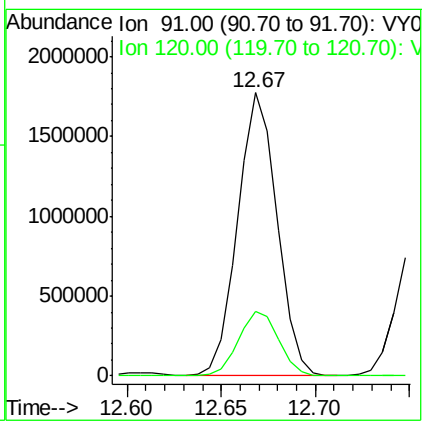


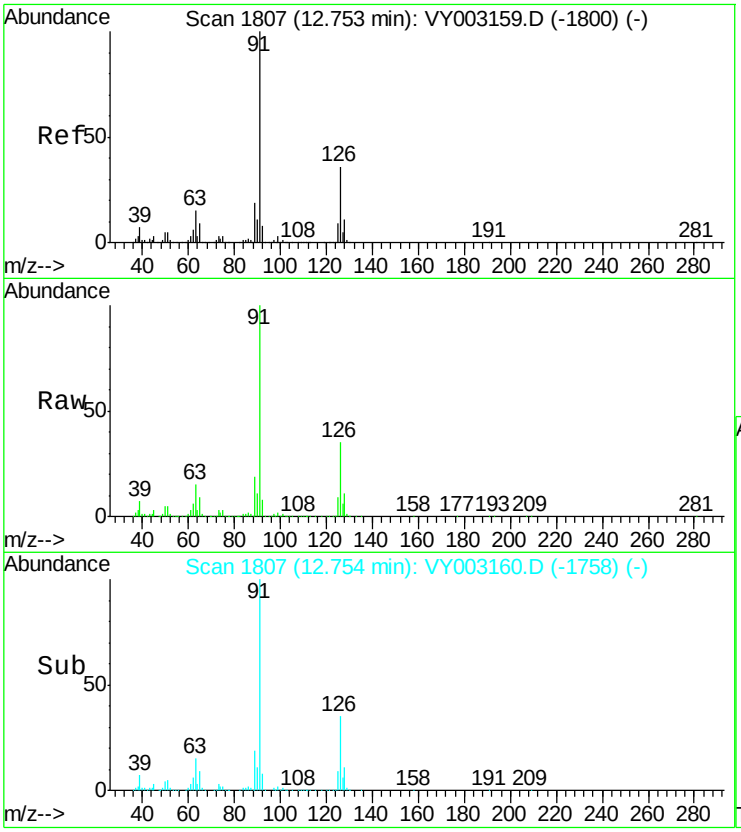




#78
n-propylbenzene
Concen: 100.484 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 91 Resp: 2570719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.2 | 11.7 | 35.1 |



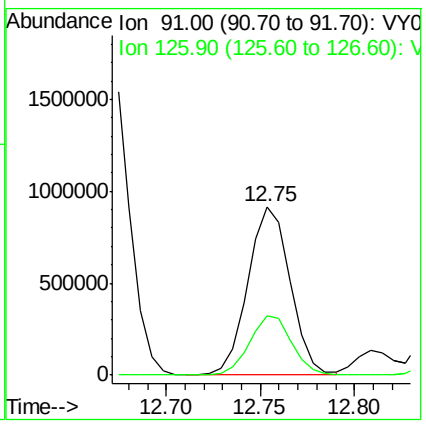


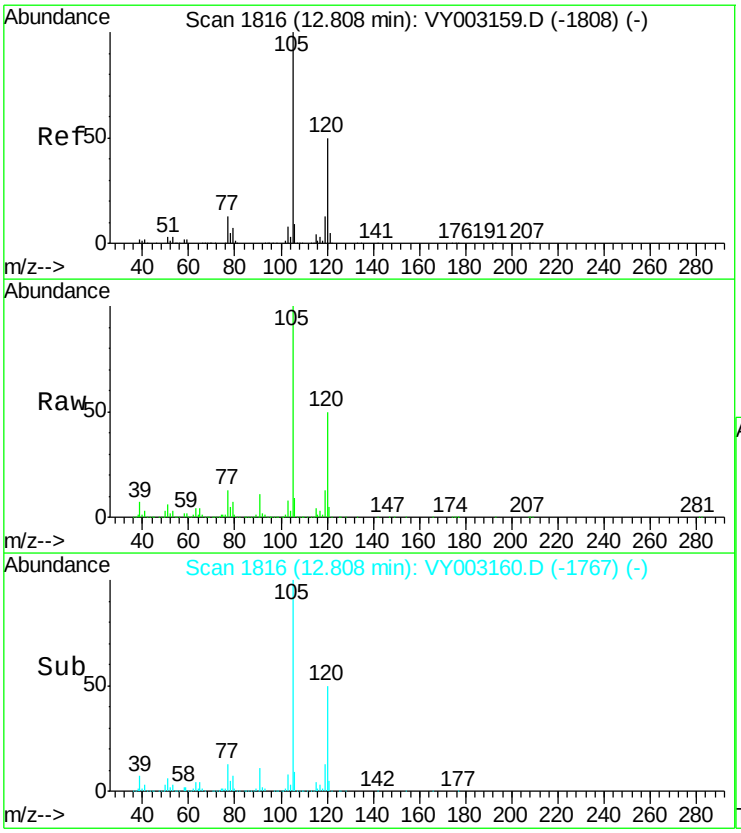

#79
2-Chlorotoluene
Concen: 99.740 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 1423942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.2 | 17.6 | 52.9 |

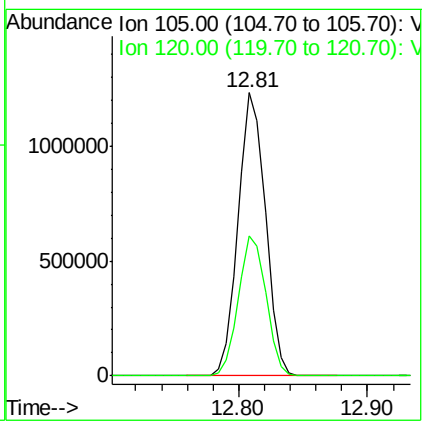


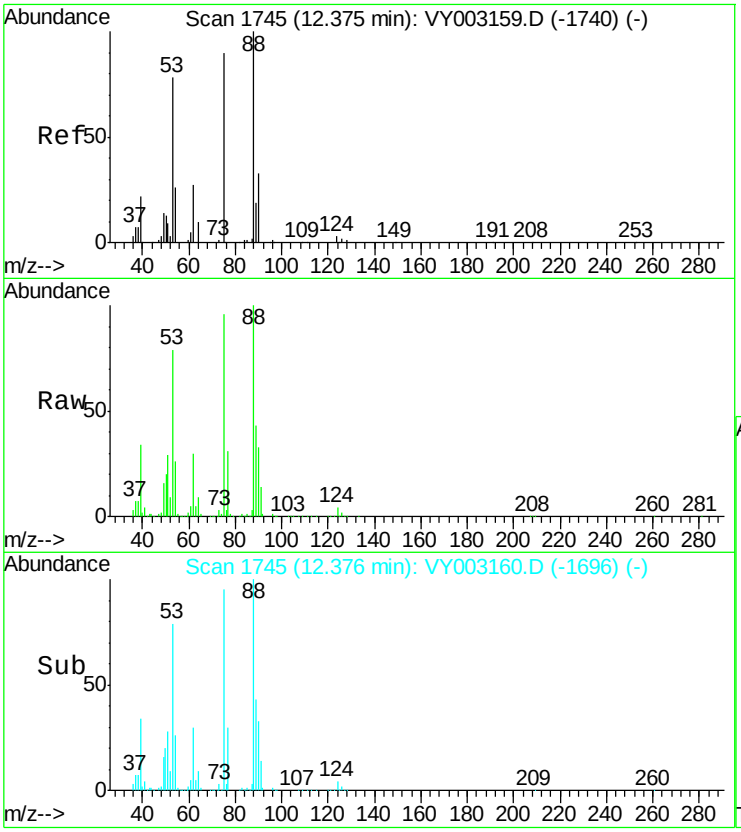




#80
1,3,5-Trimethylbenzene
Concen: 101.075 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:105 Resp: 1806539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.0 | 24.9 | 74.6 |



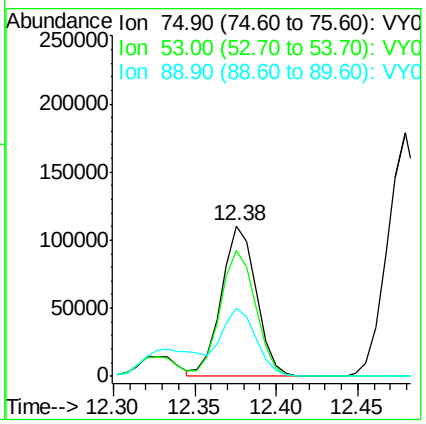


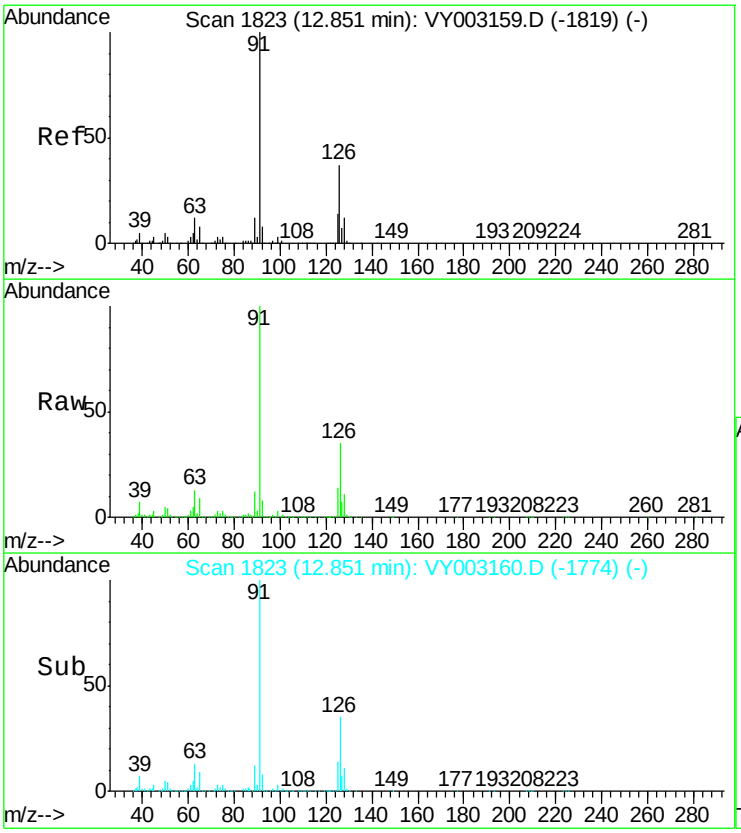

#81
trans-1,4-Dichloro-2-butene
Concen: 99.884 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion: 75 Resp: 162795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 85.1 | 72.0 | 108.0 |
| 89 | 45.3 | 37.3 | 55.9 |

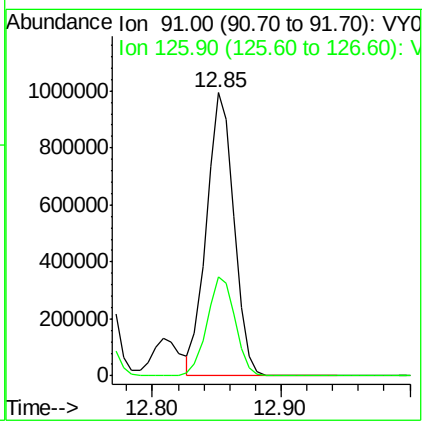


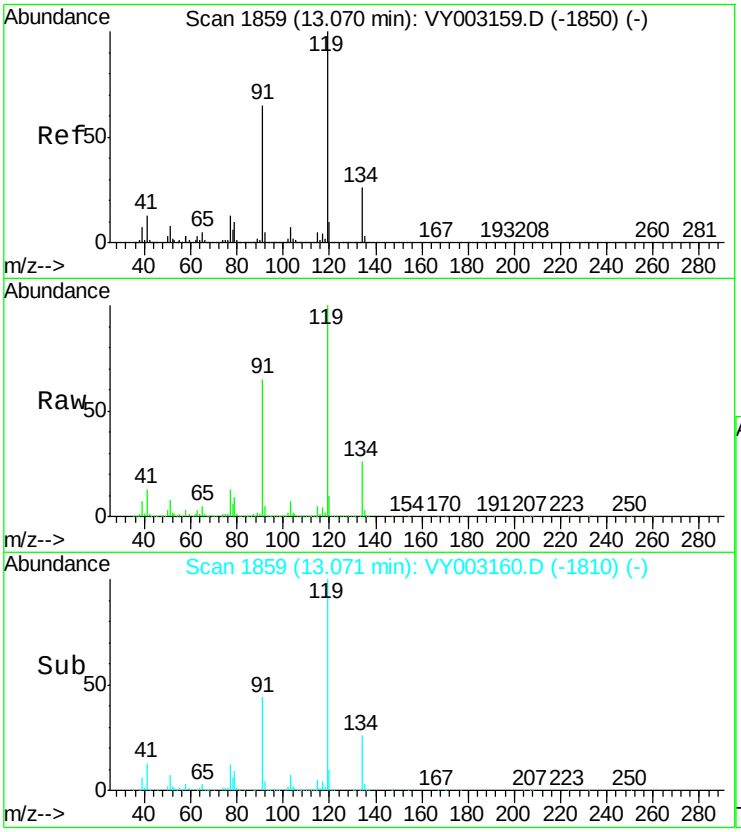




#82
4-Chlorotoluene
Concen: 99.468 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 91 Resp: 1477673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.8 | 17.9 | 53.7 |



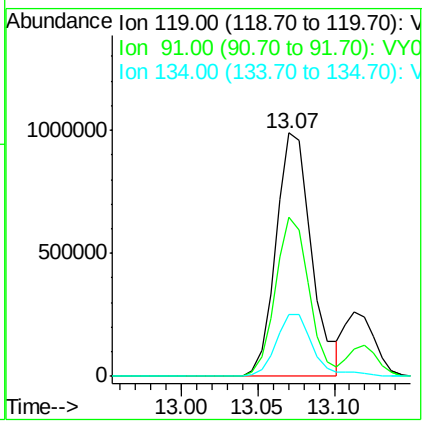


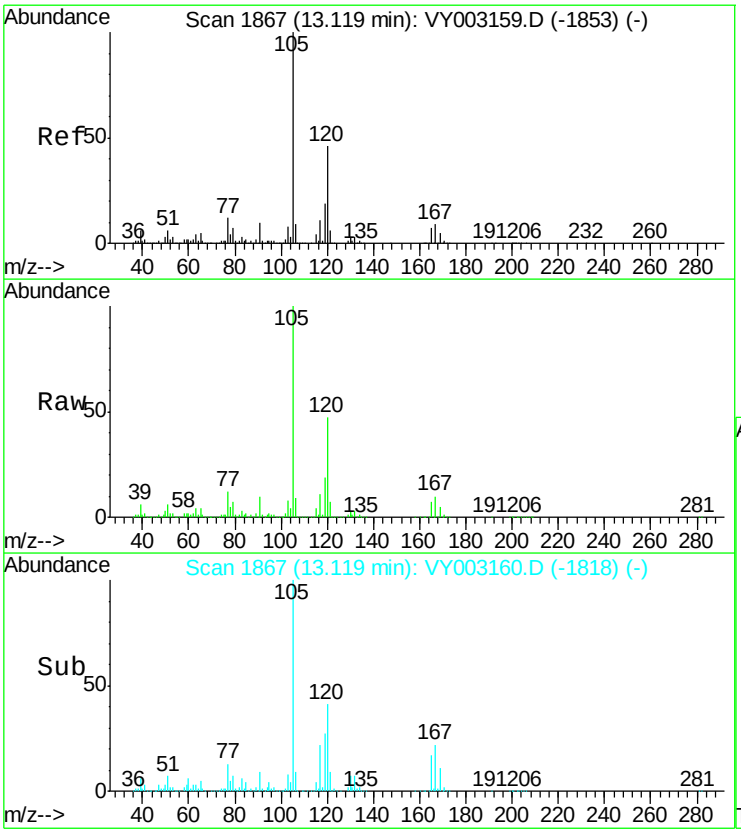

#83
tert-Butylbenzene
Concen: 101.626 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:119 Resp: 1596562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 62.1 | 30.8 | 92.4 |
| 134 | 26.5 | 13.2 | 39.6 |

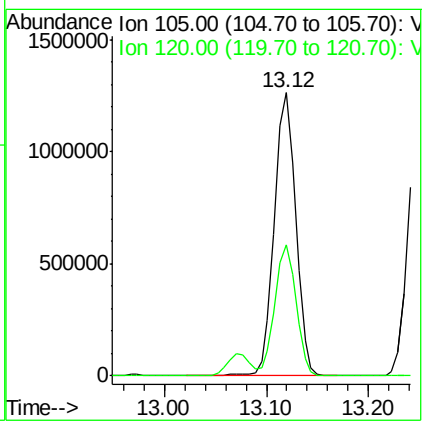


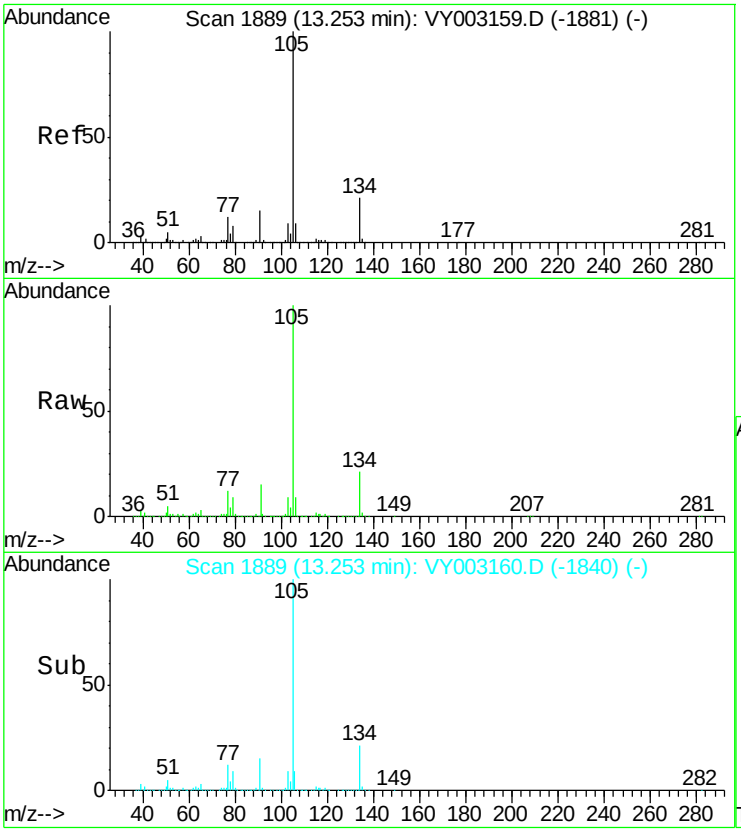




#84
1,2,4-Trimethylbenzene
Concen: 101.294 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:105 Resp: 1824942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.1 | 22.5 | 67.5 |



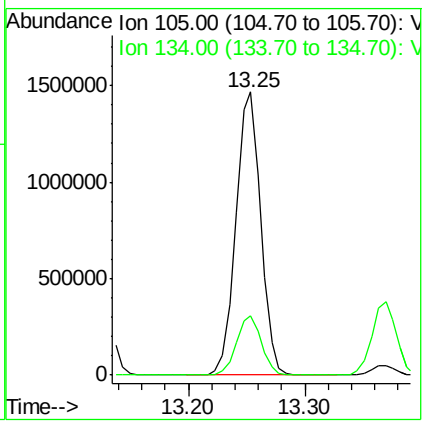


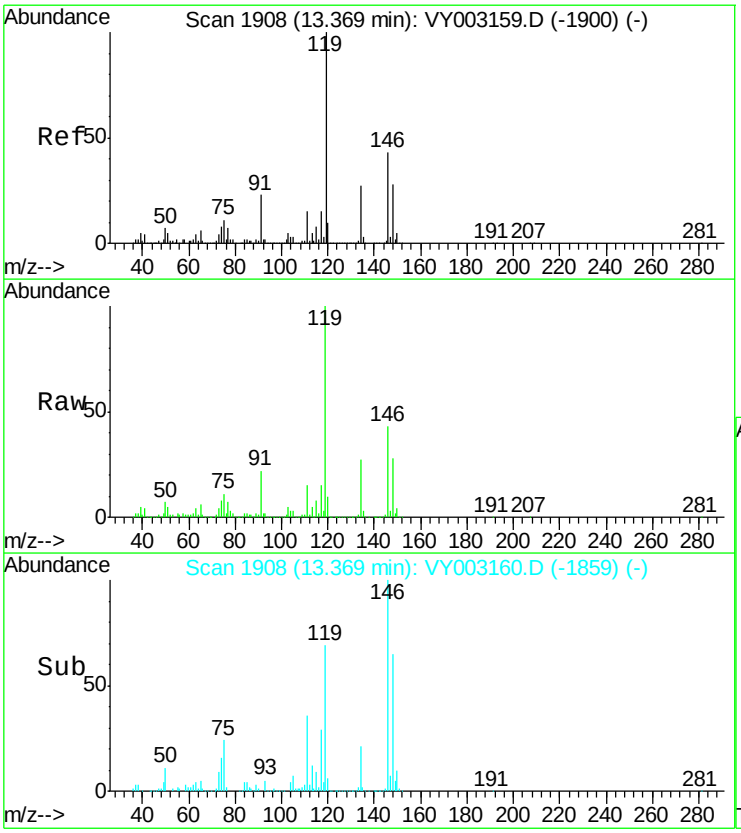

#85
sec-Butylbenzene
Concen: 100.463 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:105 Resp: 2172932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.9 | 10.4 | 31.4 |

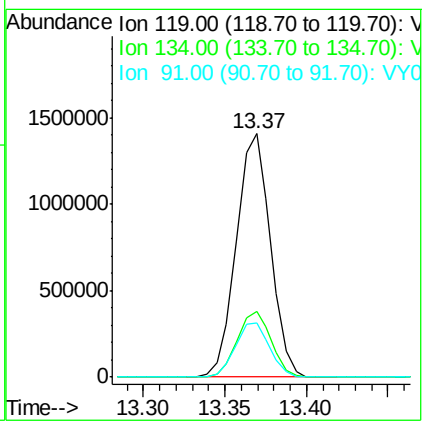


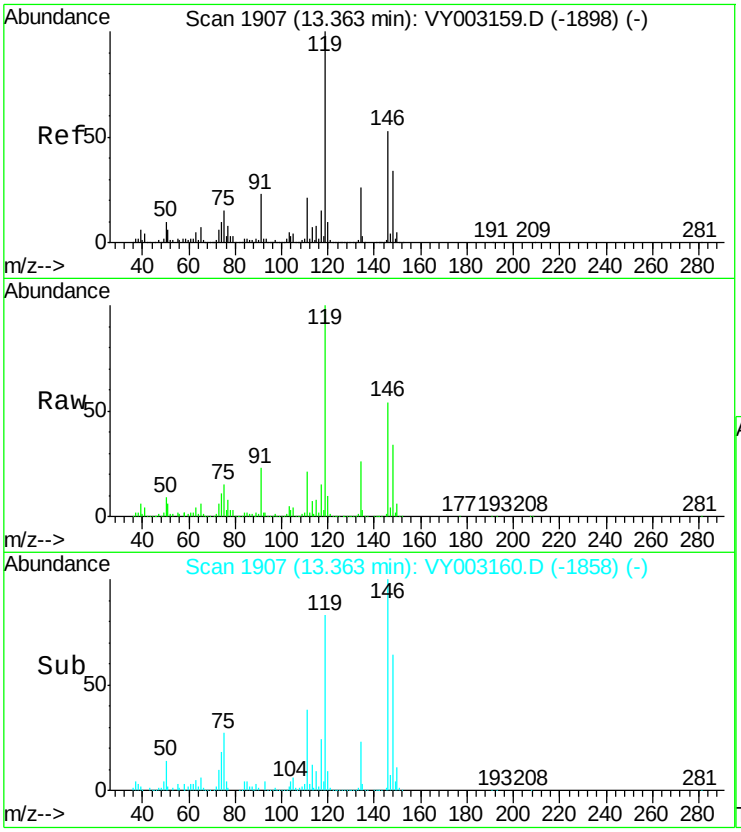




#86
p-Isopropyltoluene
Concen: 102.117 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:119 Resp: 2049194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.0 | 13.4 | 40.2 |
| 91 | 22.3 | 11.2 | 33.6 |



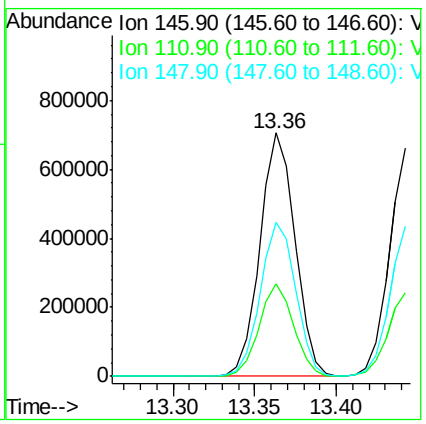


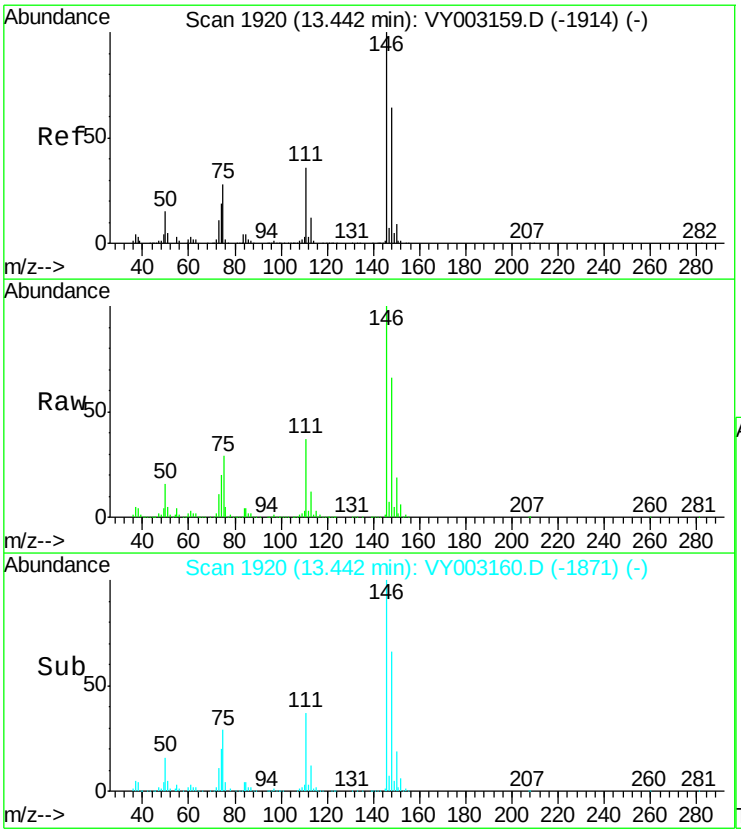

#87
1,3-Dichlorobenzene
Concen: 102.582 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion:146 Resp: 1046214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.5 | 18.8 | 56.3 |
| 148 | 64.0 | 32.3 | 96.9 |

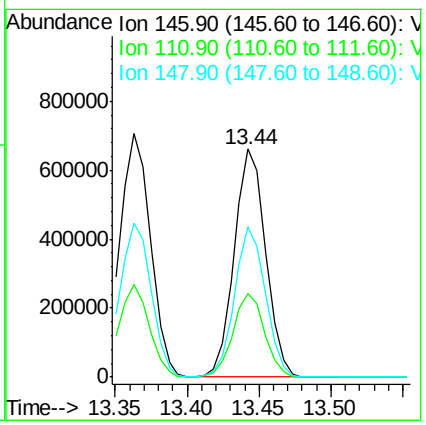


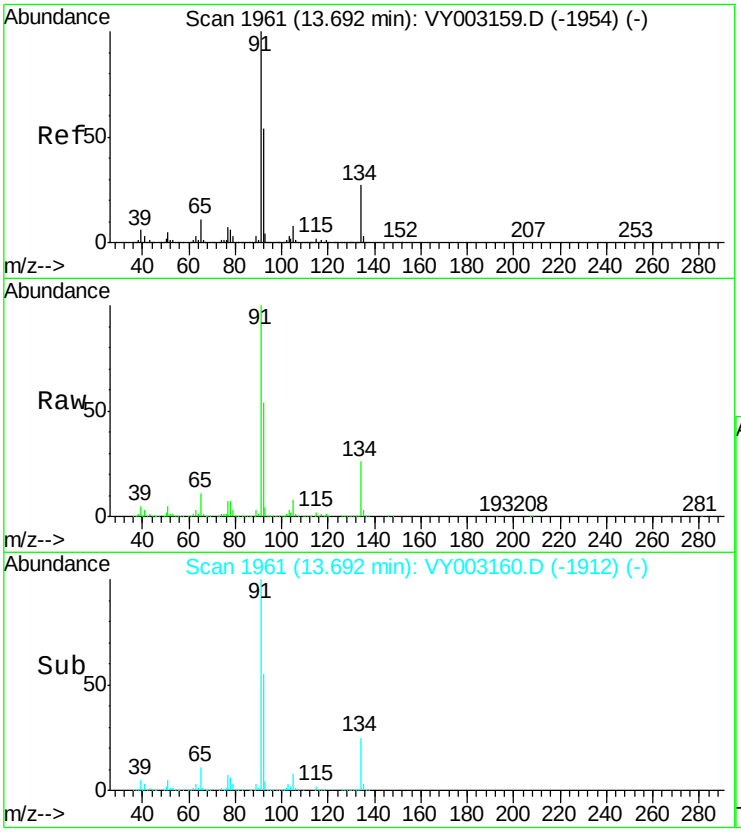




#88
1,4-Dichlorobenzene
Concen: 99.839 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:146 Resp: 1003851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.6 | 18.4 | 55.0 |
| 148 | 64.7 | 32.0 | 96.0 |



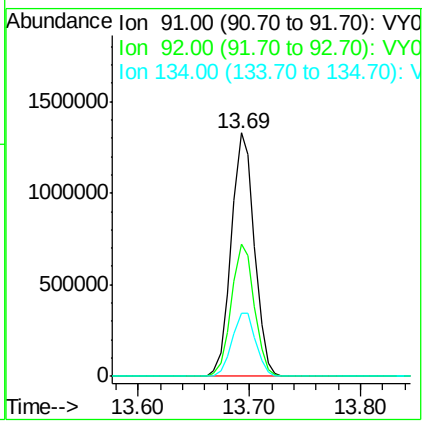


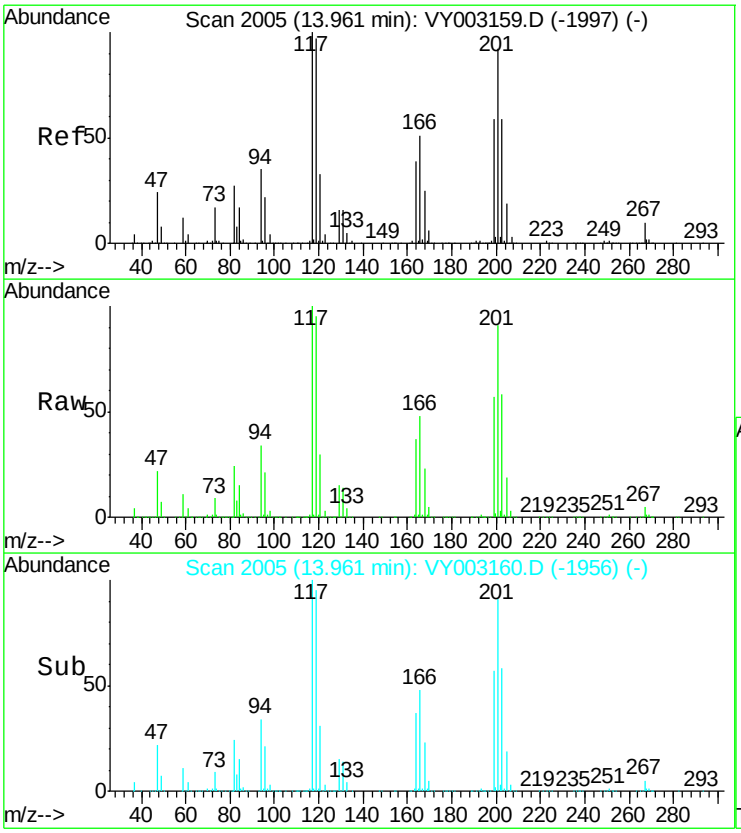

#89
n-Butylbenzene
Concen: 99.182 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICC100

Tgt Ion: 91 Resp: 1899067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.1 | 26.9 | 80.7 |
| 134 | 26.8 | 13.6 | 40.7 |

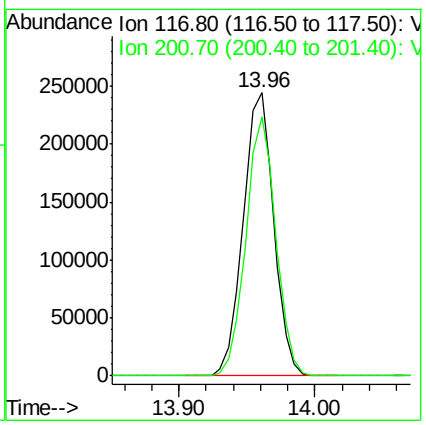


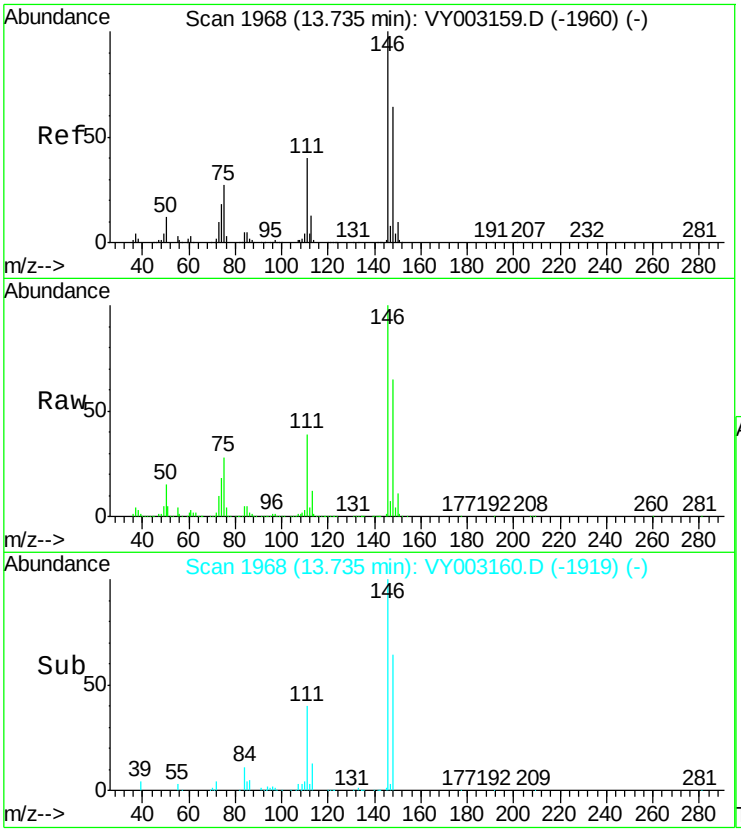




#90
Hexachloroethane
Concen: 97.658 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:117 Resp: 384940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 89.5 | 45.1 | 135.3 |



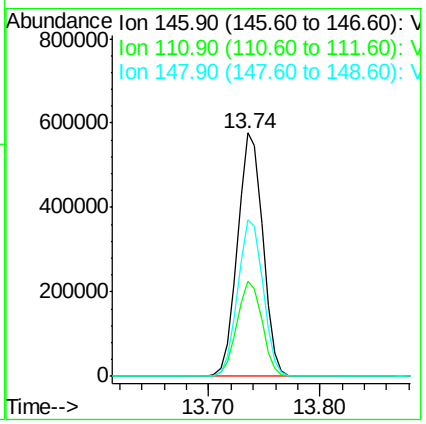


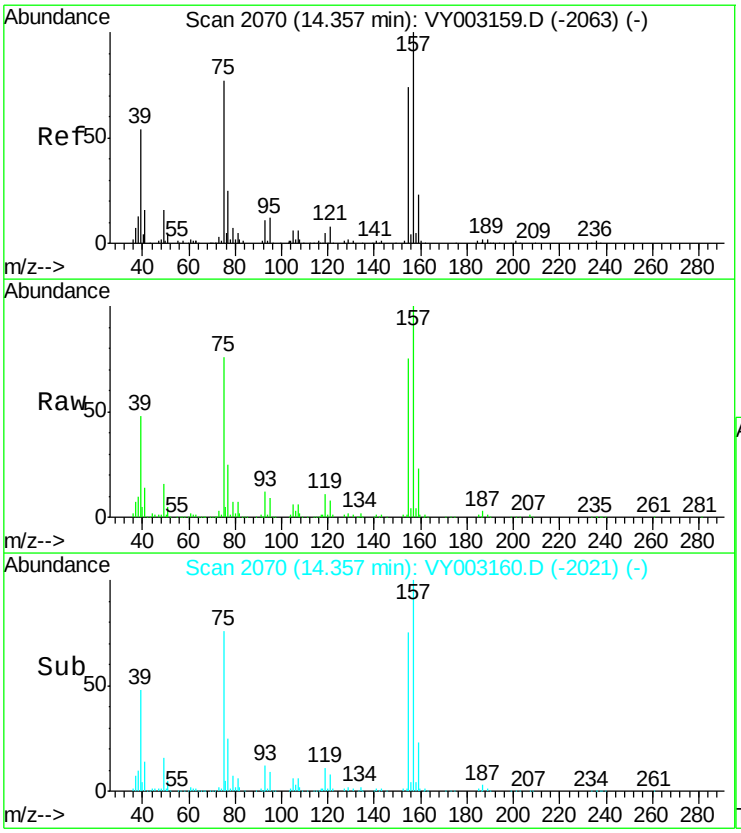

#91
1,2-Dichlorobenzene
Concen: 99.349 ug/l
RT: 13.74 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:146 Resp: 905136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 19.6 | 58.8 |
| 148 | 64.5 | 32.4 | 97.0 |

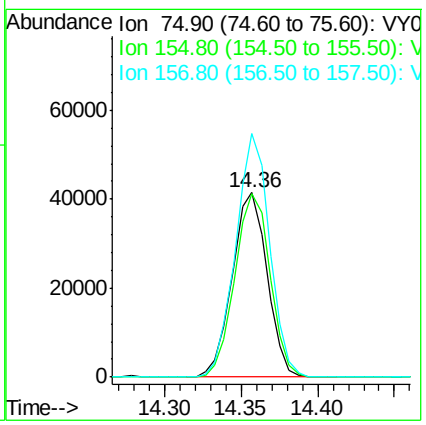


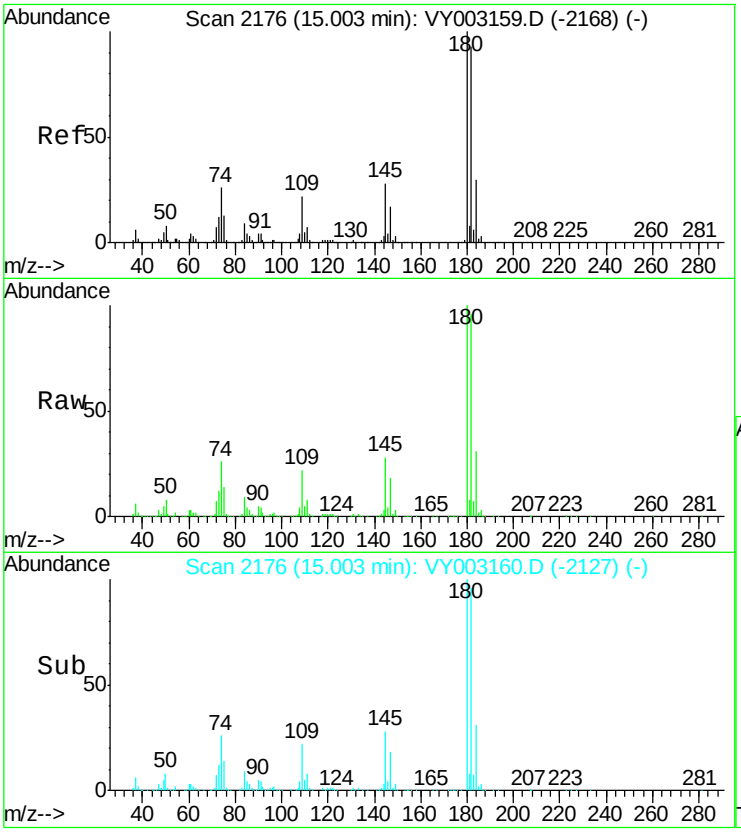




#92
1,2-Dibromo-3-Chloropropane
Concen: 88.657 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion: 75 Resp: 65509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 100.7 | 48.1 | 144.3 |
| 157 | 128.6 | 61.9 | 185.6 |



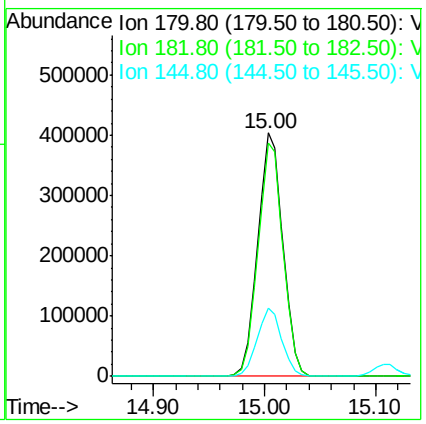


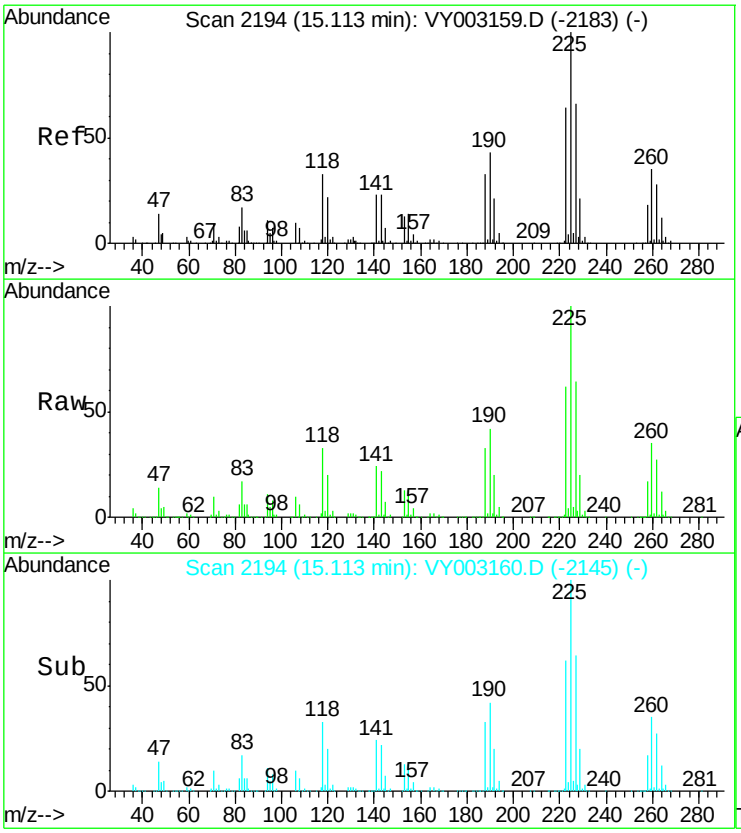

#93
1,2,4-Trichlorobenzene
Concen: 94.376 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:180 Resp: 634626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 47.3 | 142.0 |
| 145 | 27.5 | 13.7 | 41.1 |

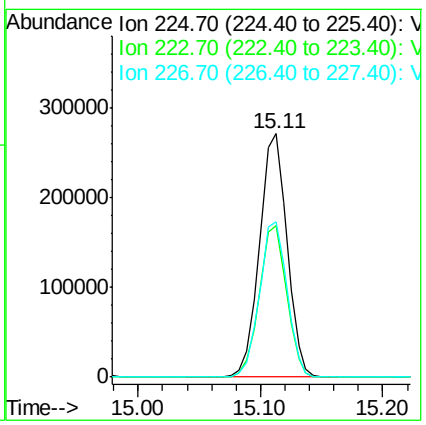


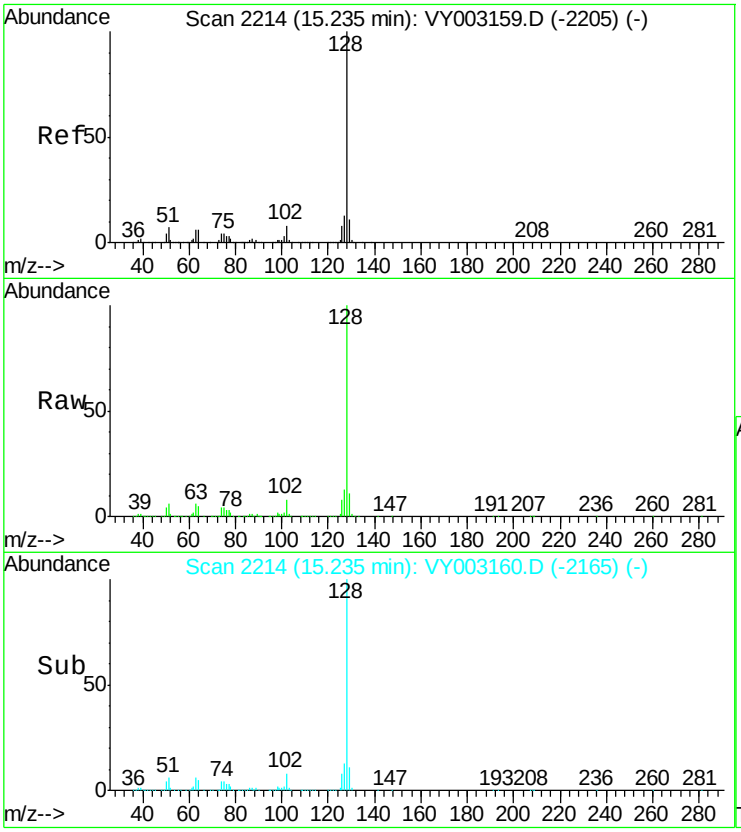




#94
Hexachlorobutadiene
Concen: 99.334 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:225 Resp: 426336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 31.6 | 94.7 |
| 227 | 64.1 | 32.3 | 96.8 |



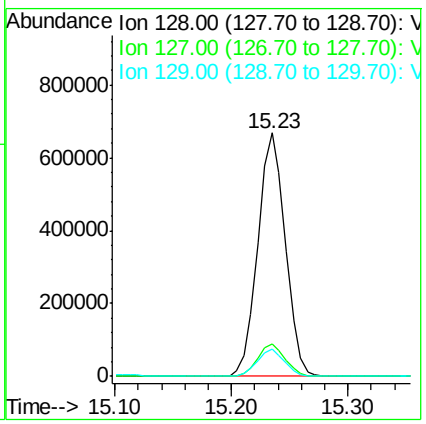


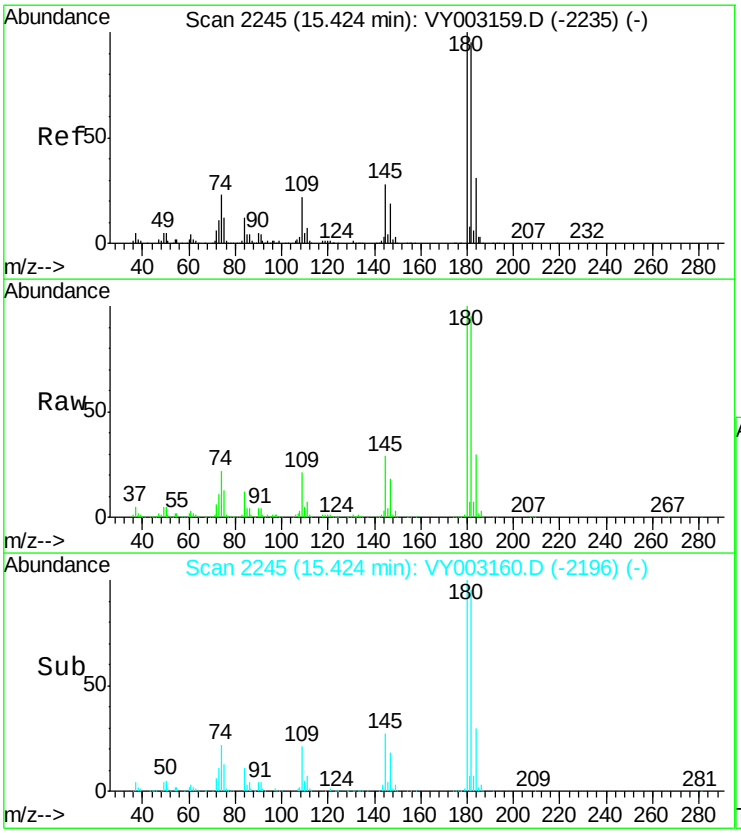

#95
Naphthalene
Concen: 90.319 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICC100

Tgt Ion:128 Resp: 1087754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.3 | 10.9 | 16.3 |
| 129 | 11.1 | 9.0 | 13.6 |




#96
1,2,3-Trichlorobenzene
Concen: 88.426 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003160.D
Acq: 10 Jul 2020 12:39

Tgt Ion:180 Resp: 507163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 48.8 | 146.3 |
| 145 | 28.8 | 14.9 | 44.5 |