Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101619\
Data File : VY000325.D
Acq On : 16 Oct 2019 13:26
Operator : SY/MD
Sample : K5111-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 17 01:35:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 279332 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.70 | 114 | 469994 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 415709 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 199050 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.16 | 65 | 158903 | 53.93 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.86% | | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 138055 | 48.70 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.40% | | | | |
| 50) Toluene-d8 | 10.18 | 98 | 559384 | 51.29 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.58% | | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 195811 | 47.26 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.52% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.90 | 85 | 7030 | Below Cal | | | 85 |
| 3) Chloromethane | 2.11 | 50 | 15010 | 4.397 | ug/l | | 93 |
| 4) Vinyl Chloride | 2.25 | 62 | 9160 | 2.659 | ug/l | | 97 |
| 5) Bromomethane | 2.65 | 94 | 7621 | 2.985 | ug/l | | 87 |
| 6) Chloroethane | 2.80 | 64 | 6432 | 2.894 | ug/l | | 97 |
| 7) Trichlorofluoromethane | 3.13 | 101 | 12291 | 2.608 | ug/l | | 97 |
| 8) Diethyl Ether | 3.53 | 74 | 4507 | 2.707 | ug/l | | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 8140 | 2.848 | ug/l | | 94 |
| 10) Methyl Iodide | 4.08 | 142 | 7484 | 2.981 | ug/l | # | 91 |
| 11) Tert butyl alcohol | 4.98 | 59 | 4876 | 15.813 | ug/l | # | 94 |
| 12) 1,1-Dichloroethene | 3.88 | 96 | 7856 | 2.785 | ug/l | | 92 |
| 13) Acrolein | 3.74 | 56 | 4777 | 13.214 | ug/l | | 98 |
| 14) Allyl chloride | 4.49 | 41 | 12401 | 2.653 | ug/l | | 94 |
| 15) Acrylonitrile | 5.18 | 53 | 12941 | 13.889 | ug/l | | 98 |
| 16) Acetone | 3.96 | 43 | 12392 | 12.987 | ug/l | # | 82 |
| 17) Carbon Disulfide | 4.20 | 76 | 23320 | 2.625 | ug/l | | 95 |
| 18) Methyl Acetate | 4.49 | 43 | 7947 | 3.352 | ug/l | | 91 |
| 19) Methyl tert-butyl Ether | 5.23 | 73 | 21408 | 2.726 | ug/l | | 100 |
| 20) Methylene Chloride | 4.72 | 84 | 13546 | Below Cal | | # | 86 |
| 21) trans-1,2-Dichloroethene | 5.22 | 96 | 8903 | 2.751 | ug/l | | 91 |
| 22) Diisopropyl ether | 6.13 | 45 | 25808 | 2.610 | ug/l | | 92 |
| 23) Vinyl Acetate | 6.08 | 43 | 77934 | 12.081 | ug/l | | 97 |
| 24) 1,1-Dichloroethane | 6.03 | 63 | 14232 | 2.637 | ug/l | | 99 |
| 25) 2-Butanone | 7.00 | 43 | 20122 | 14.970 | ug/l | | 100 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 16806 | 3.379 | ug/l | | 88 |
| 27) cis-1,2-Dichloroethene | 7.00 | 96 | 9639 | 2.752 | ug/l | | 77 |
| 28) Bromochloromethane | 7.35 | 49 | 6481 | 2.797 | ug/l | | 89 |
| 29) Tetrahydrofuran | 7.37 | 42 | 10714 | 13.152 | ug/l | | 96 |
| 30) Chloroform | 7.52 | 83 | 15771 | 2.901 | ug/l | | 99 |
| 31) Cyclohexane | 7.80 | 56 | 19112 | 3.390 | ug/l | # | 75 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 12440 | 2.574 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 7.93 | 75 | 11476 | 2.494 | ug/l | | 98 |
| 37) Ethyl Acetate | 7.09 | 43 | 8746 | 3.210 | ug/l | # | 90 |
| 38) Carbon Tetrachloride | 7.91 | 117 | 10461 | 2.348 | ug/l | # | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101619\
Data File : VY000325.D
Acq On : 16 Oct 2019 13:26
Operator : SY/MD
Sample : K5111-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 17 01:35:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 14697 | 2.440 ug/l | | 94 |
| 40) Benzene | 8.17 | 78 | 34124 | 2.566 ug/l | | 92 |
| 41) Methacrylonitrile | 7.32 | 41 | 3428 | 2.643 ug/l | # | 47 |
| 42) 1,2-Dichloroethane | 8.25 | 62 | 10770 | 2.835 ug/l | | 99 |
| 43) Isopropyl Acetate | 8.28 | 43 | 12603 | 2.433 ug/l | | 96 |
| 44) Trichloroethene | 8.95 | 130 | 9174 | 2.459 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 8314 | 2.548 ug/l | # | 89 |
| 46) Dibromomethane | 9.31 | 93 | 4932 | 2.704 ug/l | | 89 |
| 47) Bromodichloromethane | 9.50 | 83 | 10371 | 2.412 ug/l | | 99 |
| 48) Methyl methacrylate | 9.30 | 41 | 6269 | 2.761 ug/l | | 90 |
| 49) 1,4-Dioxane | 9.30 | 88 | 756 | 27.639 ug/l | # | 37 |
| 51) 4-Methyl-2-Pentanone | 10.08 | 43 | 35482 | 13.279 ug/l | | 99 |
| 52) Toluene | 10.25 | 92 | 21872 | 2.591 ug/l | | 93 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 10896 | 2.365 ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 9.94 | 75 | 12892 | 2.464 ug/l | | 92 |
| 55) 1,1,2-Trichloroethane | 10.65 | 97 | 6667 | 2.514 ug/l | | 94 |
| 56) Ethyl methacrylate | 10.51 | 69 | 9417 | 2.491 ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 11525 | 2.530 ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 9.79 | 63 | 24895 | 16.509 ug/l | | 98 |
| 59) 2-Hexanone | 10.84 | 43 | 24156 | 12.879 ug/l | | 96 |
| 60) Dibromochloromethane | 10.99 | 129 | 6756 | 2.298 ug/l | | 95 |
| 61) 1,2-Dibromoethane | 11.09 | 107 | 6007 | 2.359 ug/l | | 99 |
| 64) Tetrachloroethene | 10.72 | 164 | 9925 | 2.508 ug/l | | 93 |
| 65) Chlorobenzene | 11.52 | 112 | 23685 | 2.700 ug/l | | 90 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 7344 | 2.383 ug/l | | 97 |
| 67) Ethyl Benzene | 11.60 | 91 | 41725 | 2.566 ug/l | | 98 |
| 68) m/p-Xylenes | 11.70 | 106 | 30533 | 4.911 ug/l | | 97 |
| 69) o-Xylene | 12.03 | 106 | 14633 | 2.467 ug/l | | 98 |
| 70) Styrene | 12.05 | 104 | 23375 | 2.337 ug/l | | 99 |
| 71) Bromoform | 12.21 | 173 | 4223 | 2.384 ug/l | # | 100 |
| 73) Isopropylbenzene | 12.33 | 105 | 37700 | 2.429 ug/l | | 98 |
| 74) N-amyl acetate | 12.14 | 43 | 11120 | 2.918 ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 7176 | 2.463 ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 11128 | 4.546 ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 9357 | 2.709 ug/l | | 95 |
| 78) n-propylbenzene | 12.67 | 91 | 46781 | 2.510 ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.75 | 91 | 25395 | 2.468 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 32996 | 2.535 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75 | 104111 | 93.066 ug/l | # | 14 |
| 82) 4-Chlorotoluene | 12.85 | 91 | 28557 | 2.625 ug/l | | 100 |
| 83) tert-Butylbenzene | 13.08 | 119 | 28034 | 2.544 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 32022 | 2.493 ug/l | | 99 |
| 85) sec-Butylbenzene | 13.25 | 105 | 38445 | 2.411 ug/l | | 97 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 33923 | 2.441 ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 18302 | 2.690 ug/l | | 92 |
| 88) 1,4-Dichlorobenzene | 13.44 | 146 | 17375 | 2.555 ug/l | | 84 |
| 89) n-Butylbenzene | 13.69 | 91 | 34186 | 2.489 ug/l | | 98 |
| 90) Hexachloroethane | 13.95 | 117 | 5633 | 2.189 ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 13.74 | 146 | 17083 | 2.774 ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 1605 | 2.904 ug/l | | 86 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101619\
Data File : VY000325.D
Acq On : 16 Oct 2019 13:26
Operator : SY/MD
Sample : K5111-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 17 01:35:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180 | 12729 | 2.969 | ug/l | 94 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 6520 | 2.810 | ug/l | 93 |
| 95) Naphthalene | 15.23 | 128 | 31806 | 3.324 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180 | 10956 | 2.835 | ug/l | 96 |

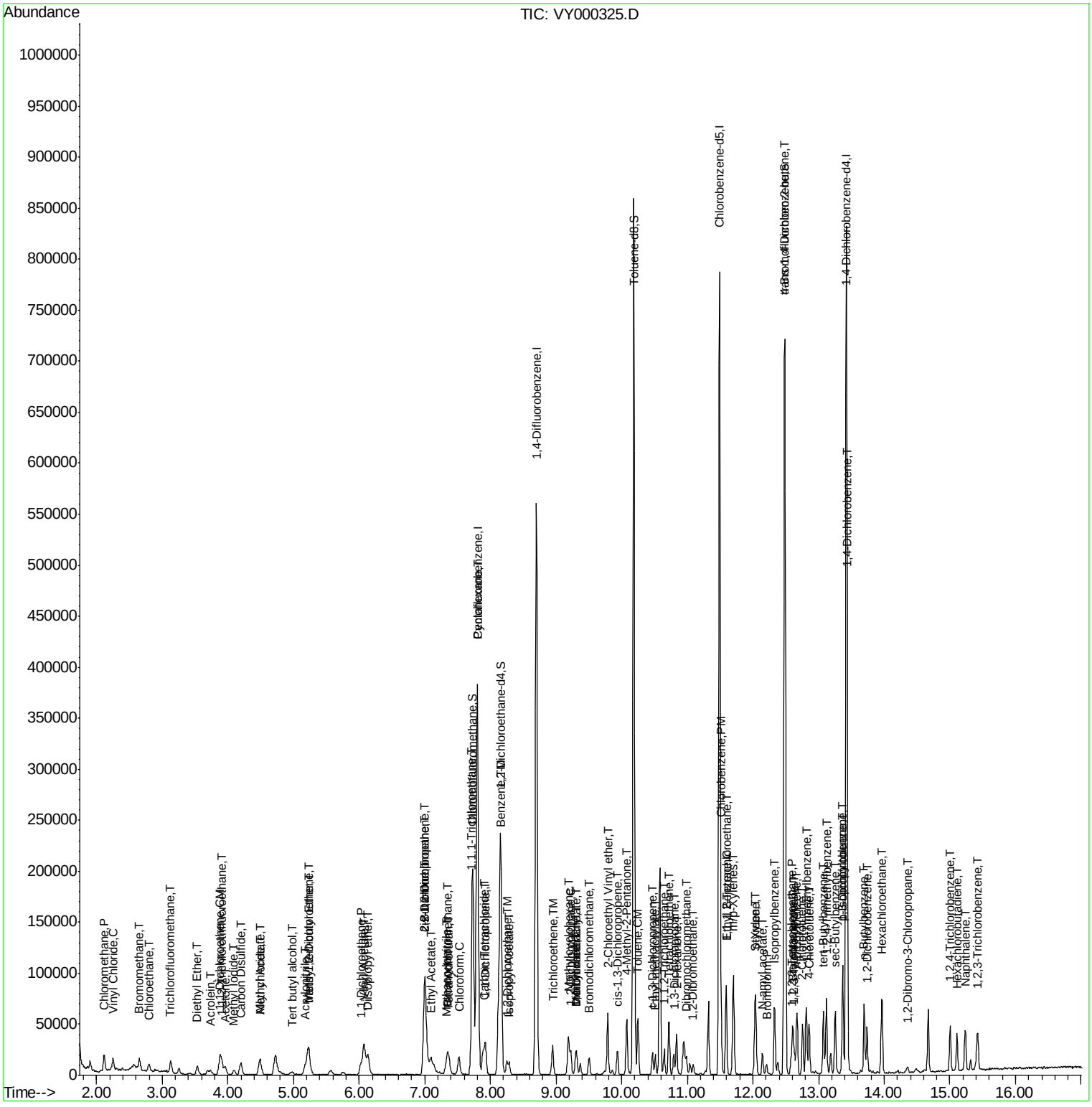
(#) = qualifier out of range (m) = manual integration (+) = signals summed

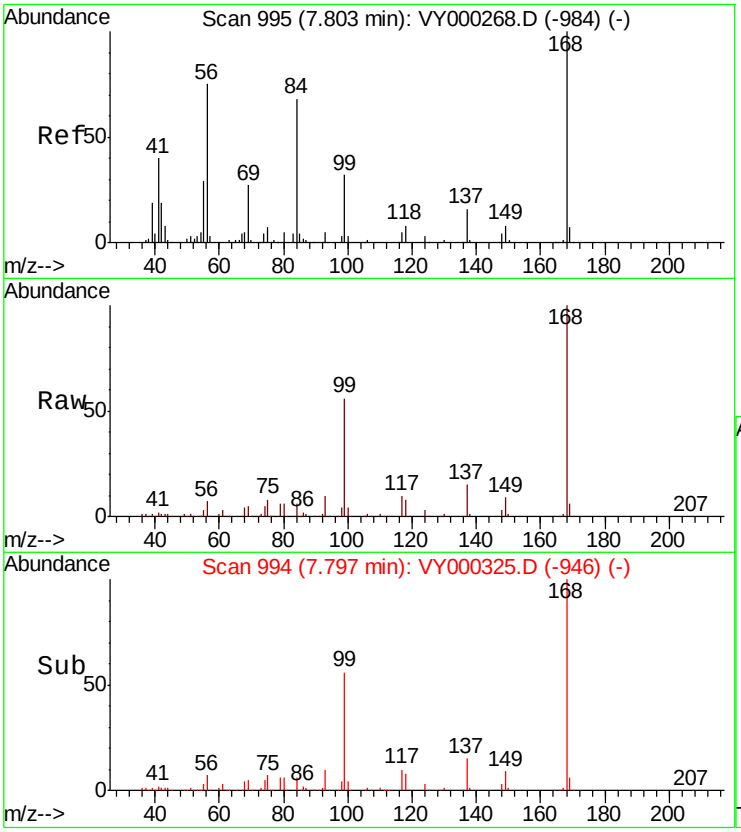
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101619\
Data File : VY000325.D
Acq On : 16 Oct 2019 13:26
Operator : SY/MD
Sample : K5111-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 17 01:35:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration



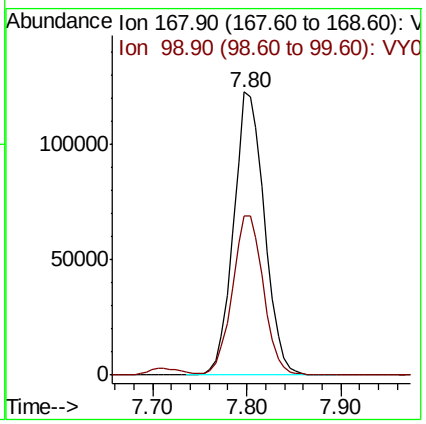


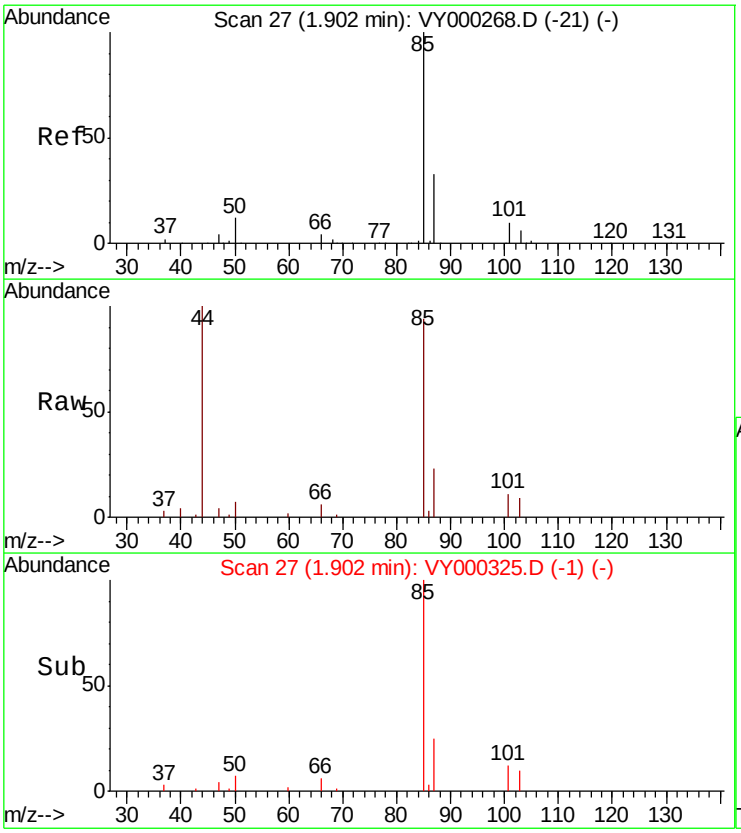

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:168 Resp: 279332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.5 | 46.6 | 69.8 |

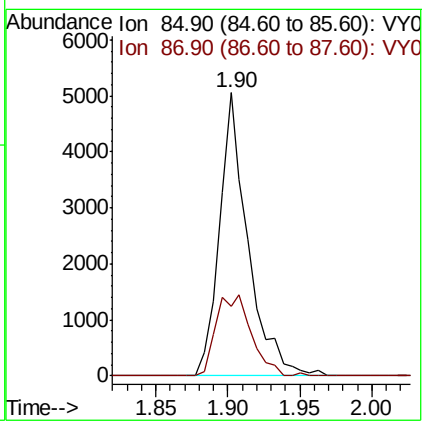


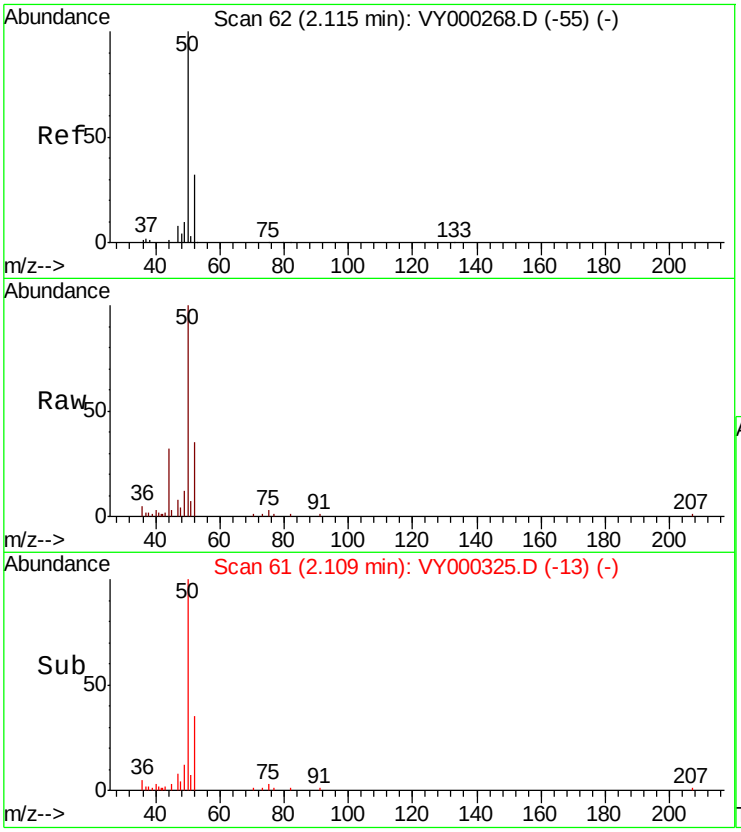




#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 85 Resp: 7030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 24.6 | 16.6 | 49.8 |



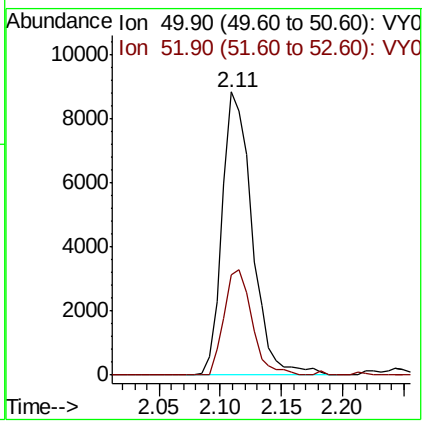


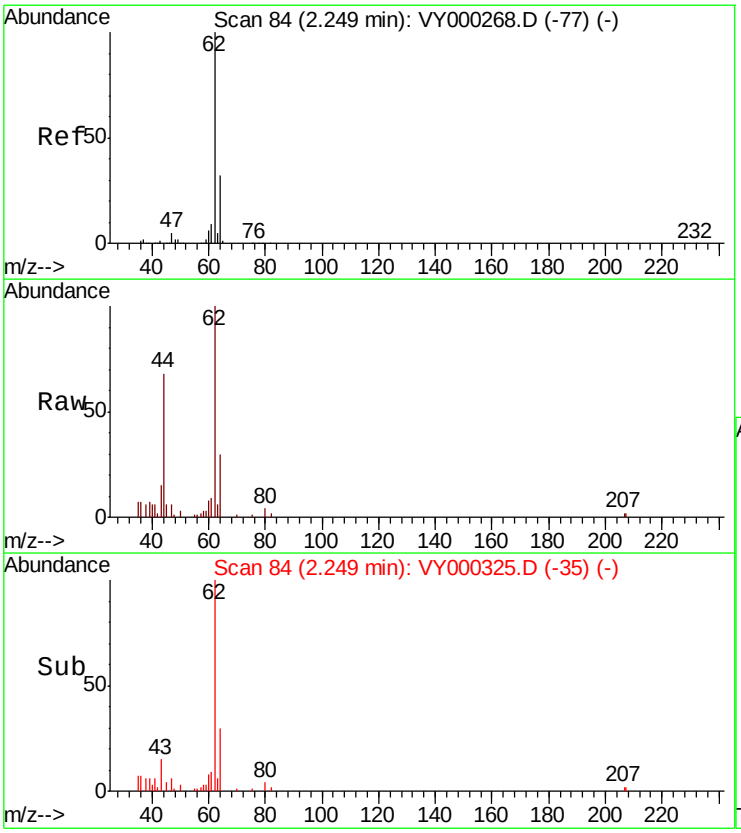

#3
Chloromethane
Concen: 4.397 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 50 Resp: 15010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.3 | 25.3 | 37.9 |

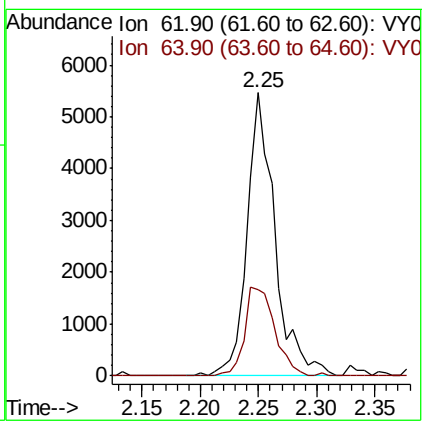


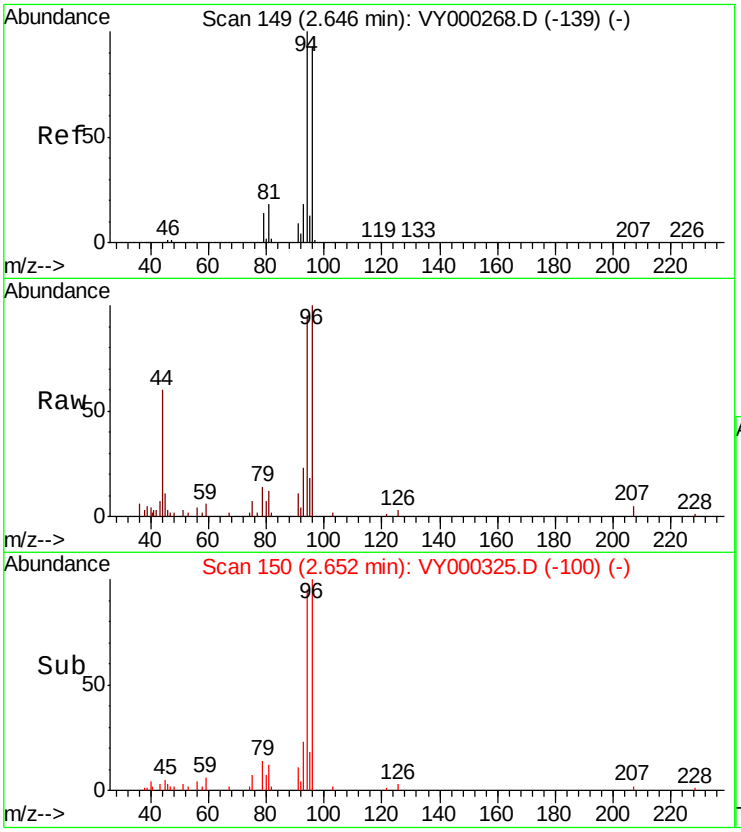




#4
Vinyl Chloride
Concen: 2.659 ug/l
RT: 2.25 min Scan# 84
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 62 Resp: 9160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.4 | 25.6 | 38.4 |



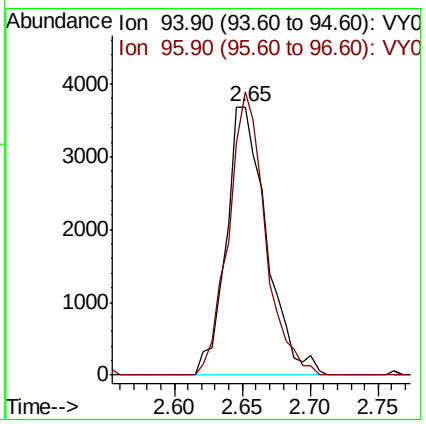


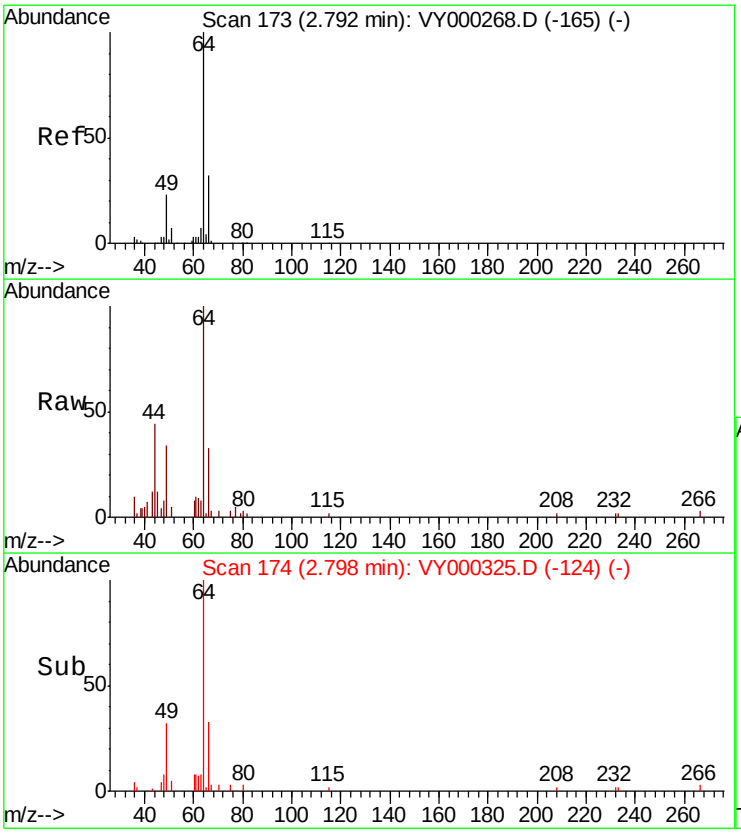

#5
Bromomethane
Concen: 2.985 ug/l
RT: 2.65 min Scan# 150
Delta R.T. 0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 94 Resp: 7621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 105.6 | 74.2 | 111.2 |

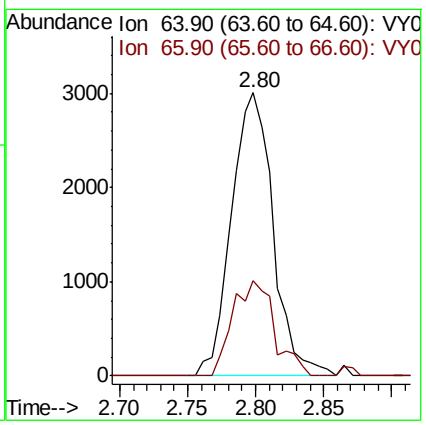


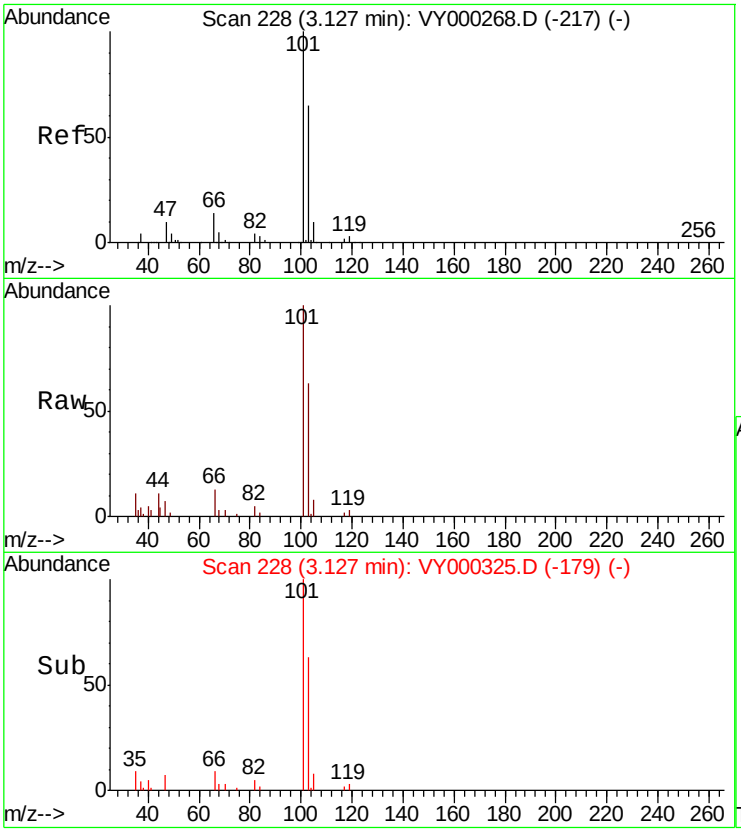




#6
Chloroethane
Concen: 2.894 ug/l
RT: 2.80 min Scan# 174
Delta R.T. 0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 64 Resp: 6432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.5 | 25.6 | 38.4 |



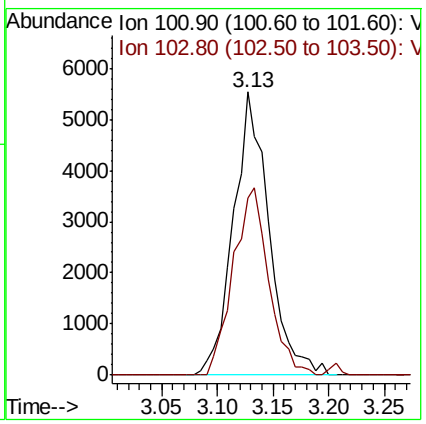


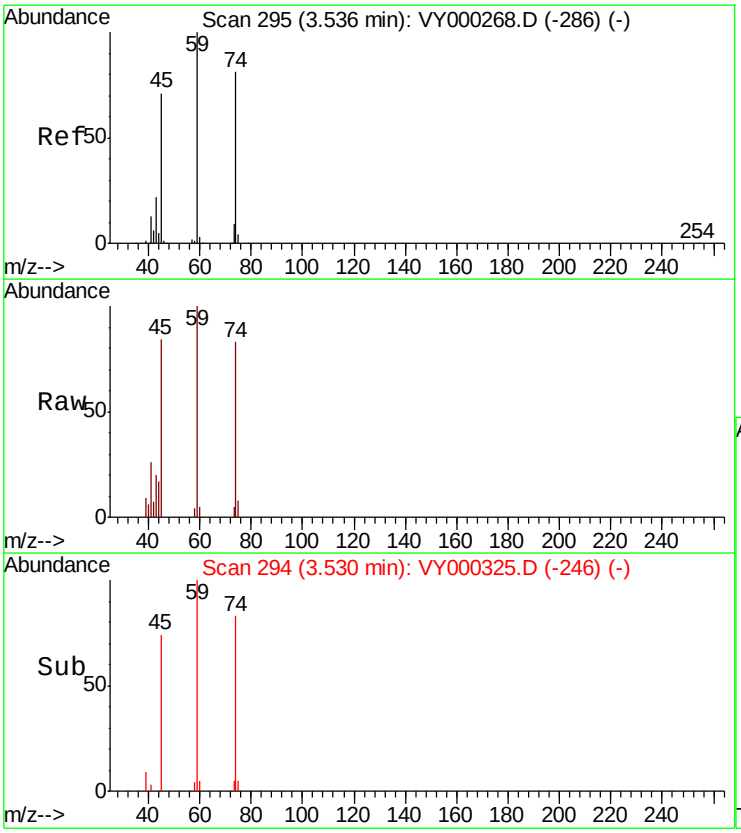

#7
Trichlorofluoromethane
Concen: 2.608 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:101 Resp: 12291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.7 | 52.2 | 78.4 |

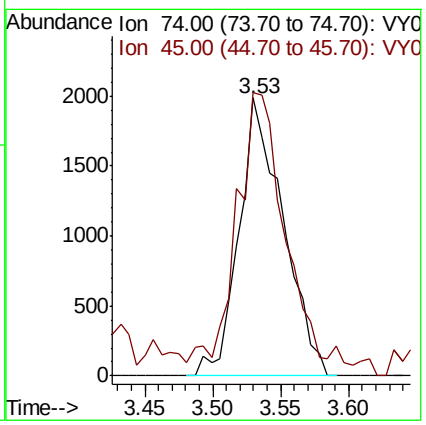


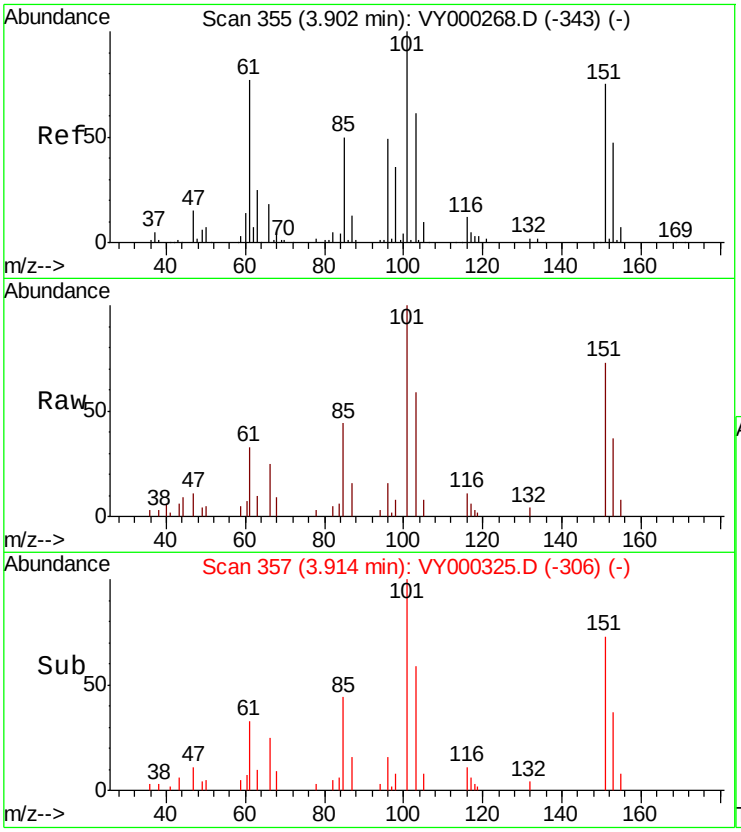




#8
Diethyl Ether
Concen: 2.707 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 74 Resp: 4507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 101.7 | 47.1 | 141.4 |



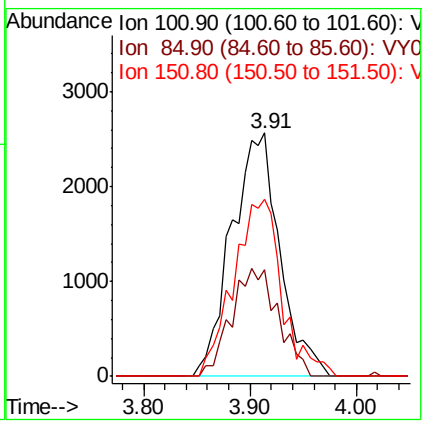


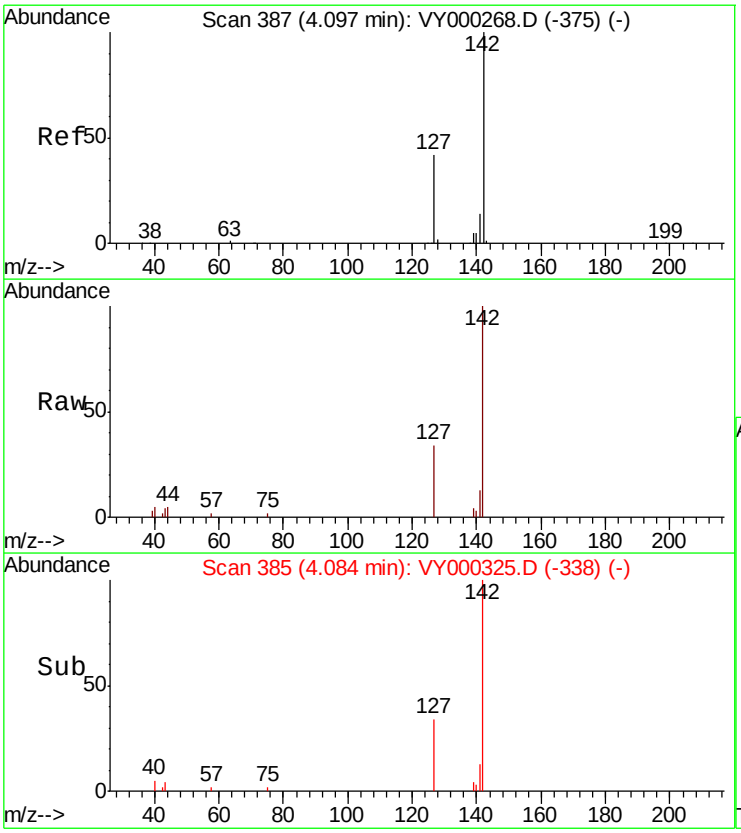

#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.848 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:101 Resp: 8140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.2 | 36.6 | 55.0 |
| 151 | 72.7 | 63.1 | 94.7 |

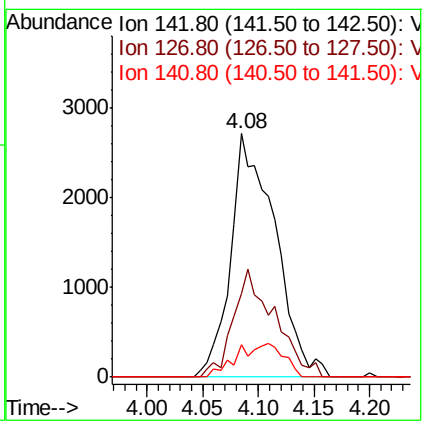


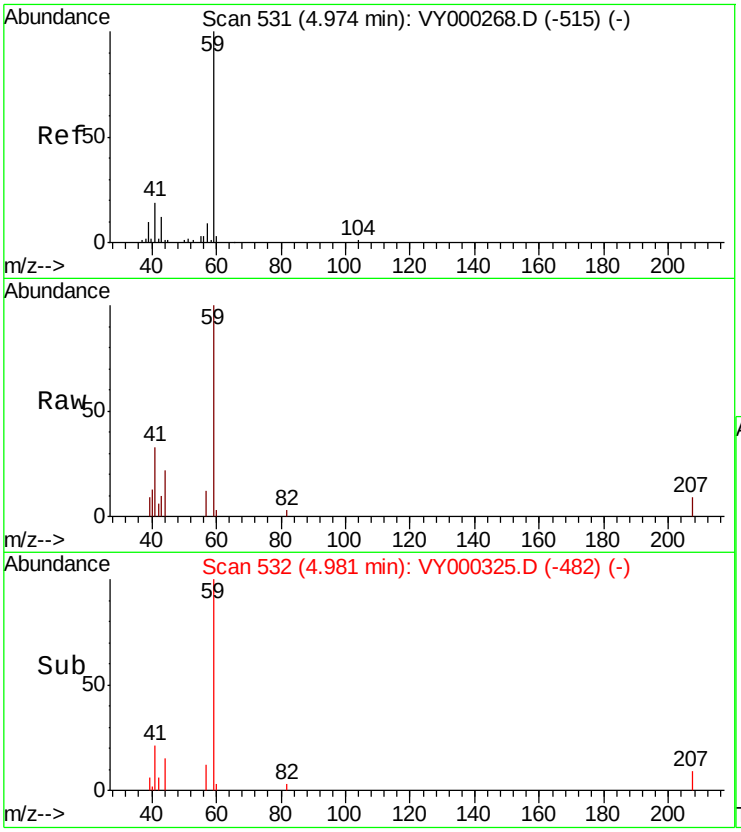




#10
Methyl Iodide
Concen: 2.981 ug/l
RT: 4.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:142 Resp: 7484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.6 | 33.9 | 50.9 |
| 141 | 0.0 | 11.2 | 16.8# |



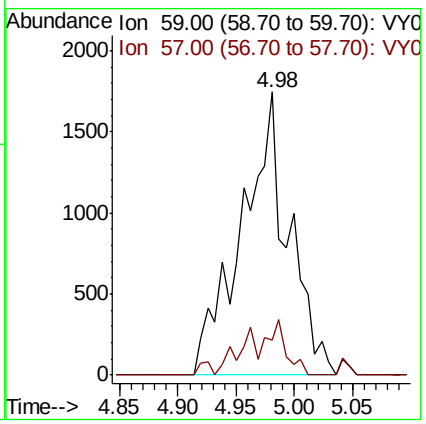


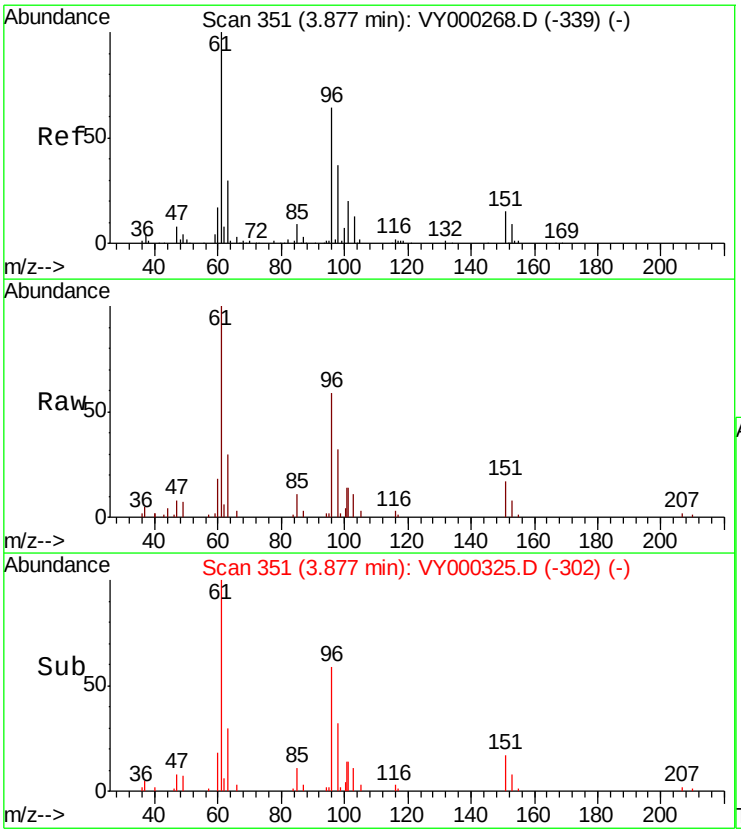

#11
Tert butyl alcohol
Concen: 15.813 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 59 Resp: 4876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 8.1 | 8.2 | 12.2# |

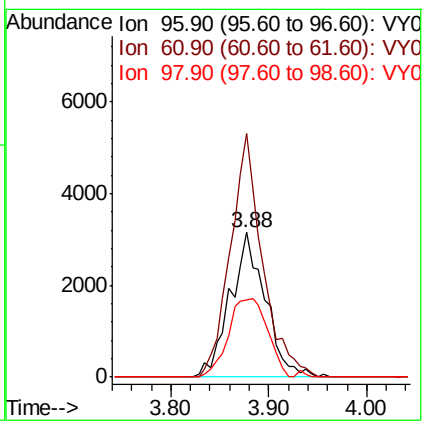


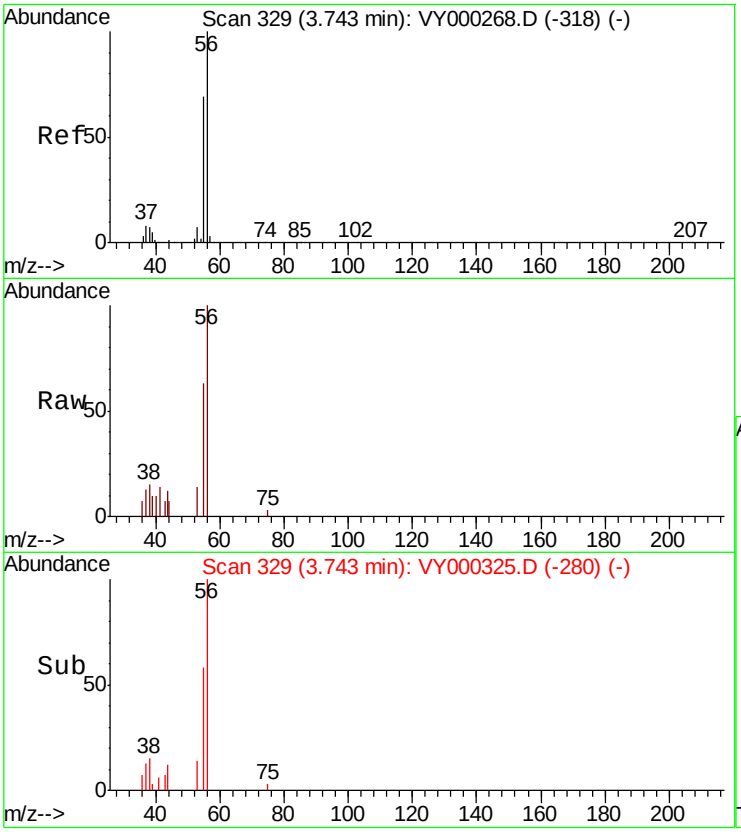




#12
1,1-Dichloroethene
Concen: 2.785 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 96 Resp: 7856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 168.5 | 125.8 | 188.6 |
| 98 | 53.1 | 46.2 | 69.2 |



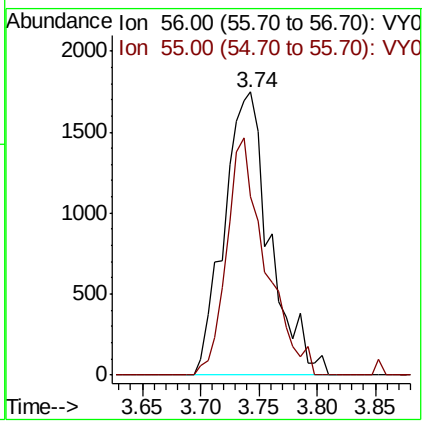


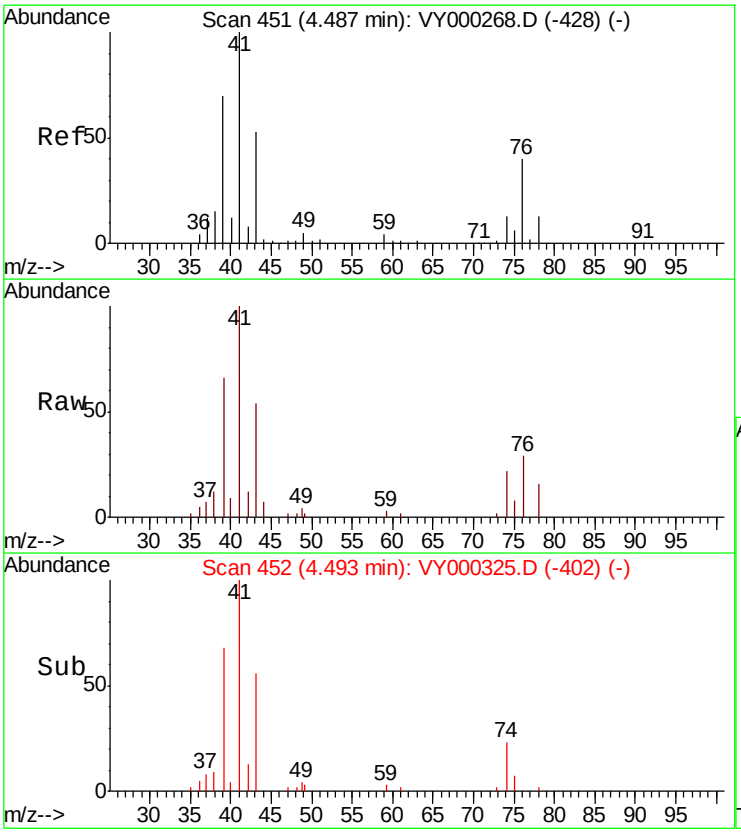

#13
Acrolein
Concen: 13.214 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 56 Resp: 4777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.9 | 55.7 | 83.5 |

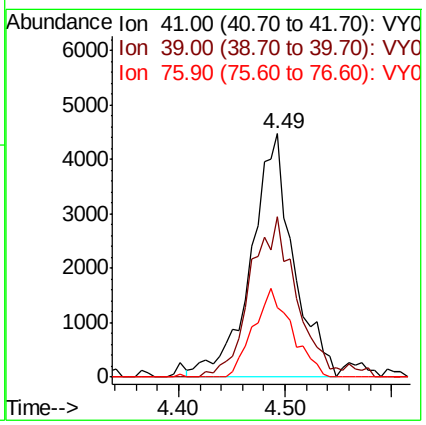


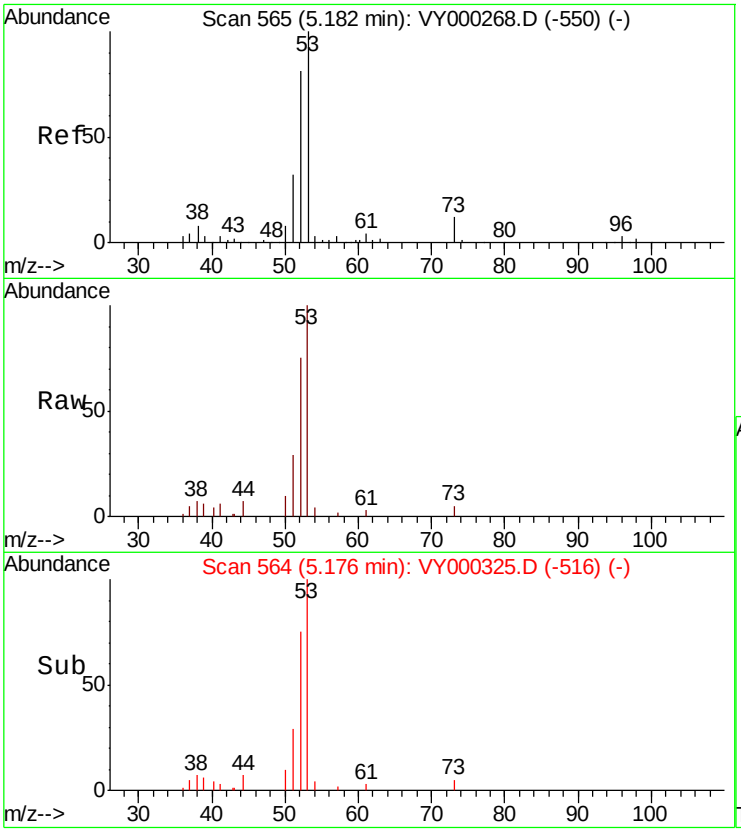




#14
Allyl chloride
Concen: 2.653 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 41 Resp: 12401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 71.5 | 54.0 | 81.0 |
| 76 | 33.0 | 30.7 | 46.1 |



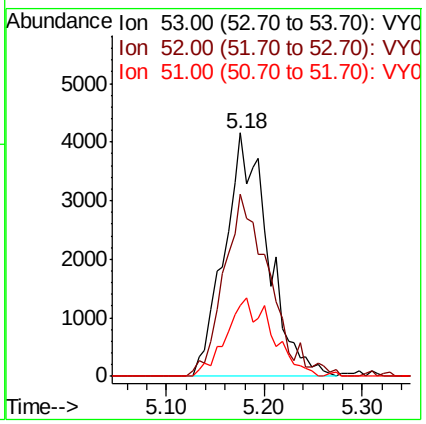


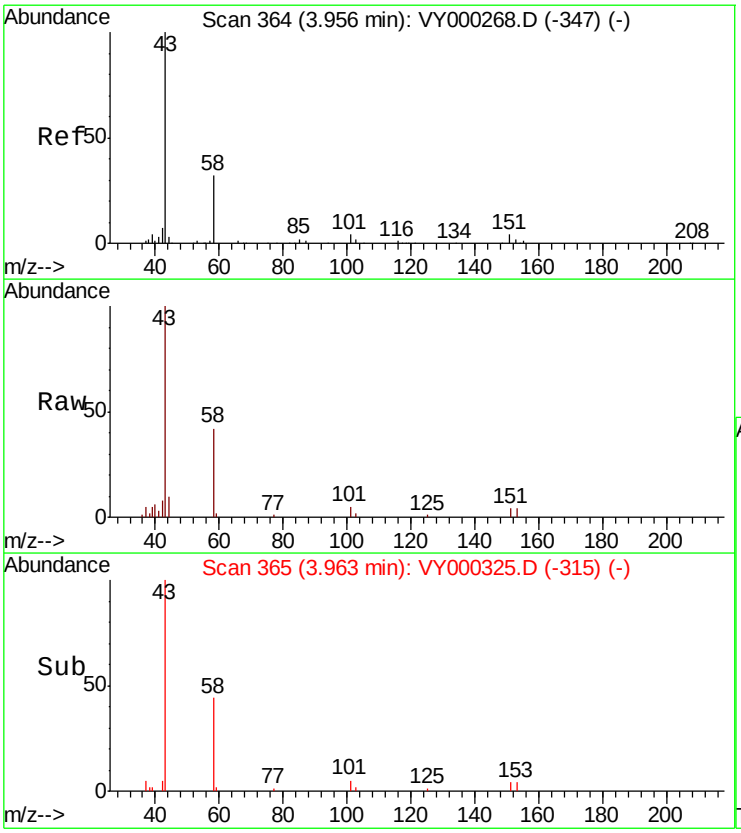

#15
Acrylonitrile
Concen: 13.889 ug/l
RT: 5.18 min Scan# 564
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 53 Resp: 12941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 75.7 | 62.9 | 94.3 |
| 51 | 33.5 | 26.9 | 40.3 |

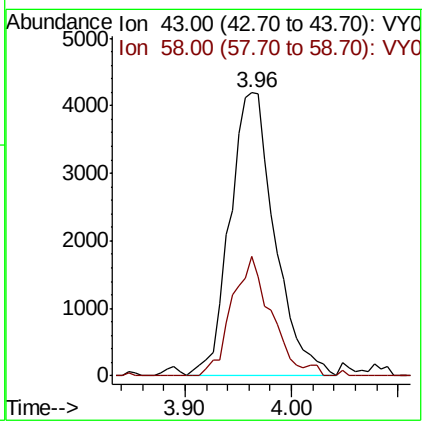


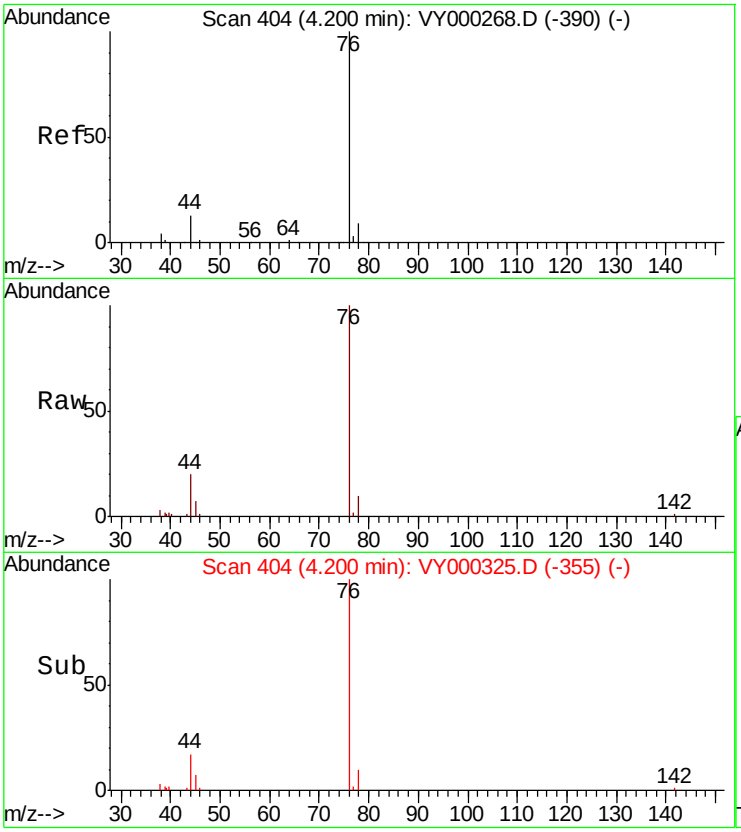




#16
Acetone
Concen: 12.987 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 43 Resp: 12392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.3 | 25.8 | 38.6# |



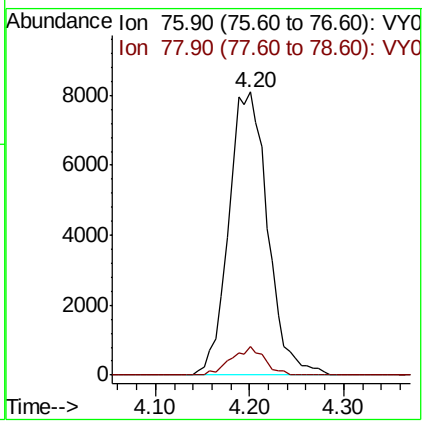


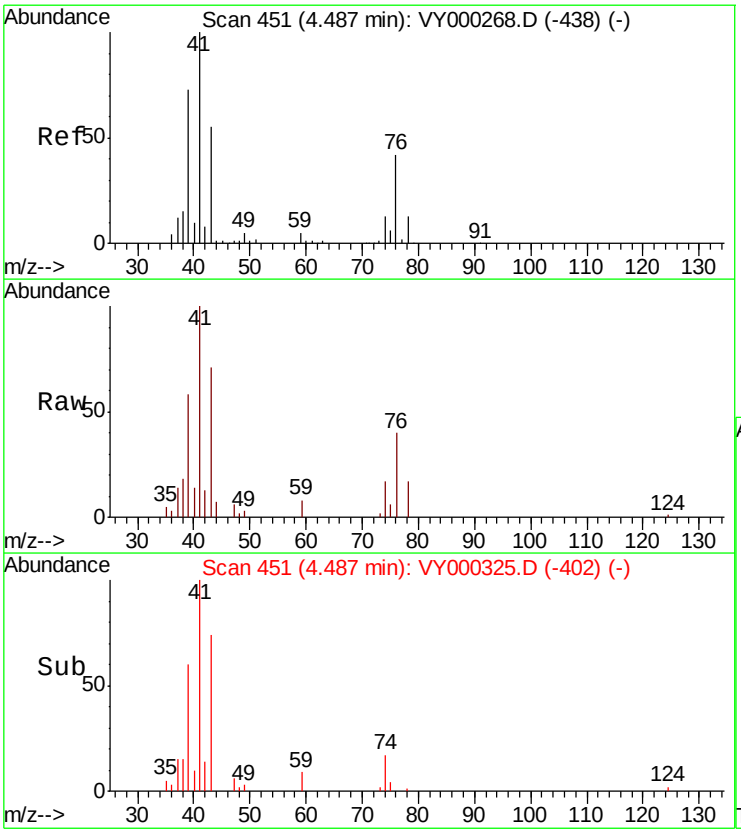

#17
Carbon Disulfide
Concen: 2.625 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 76 Resp: 23320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.3 | 7.0 | 10.4 |

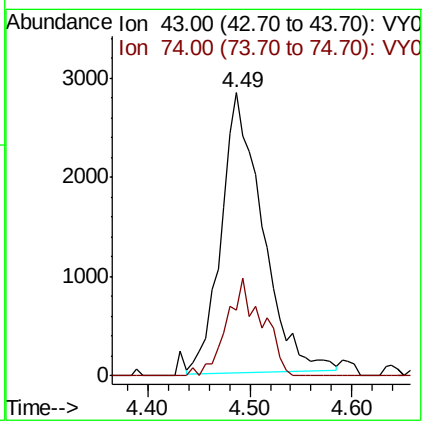


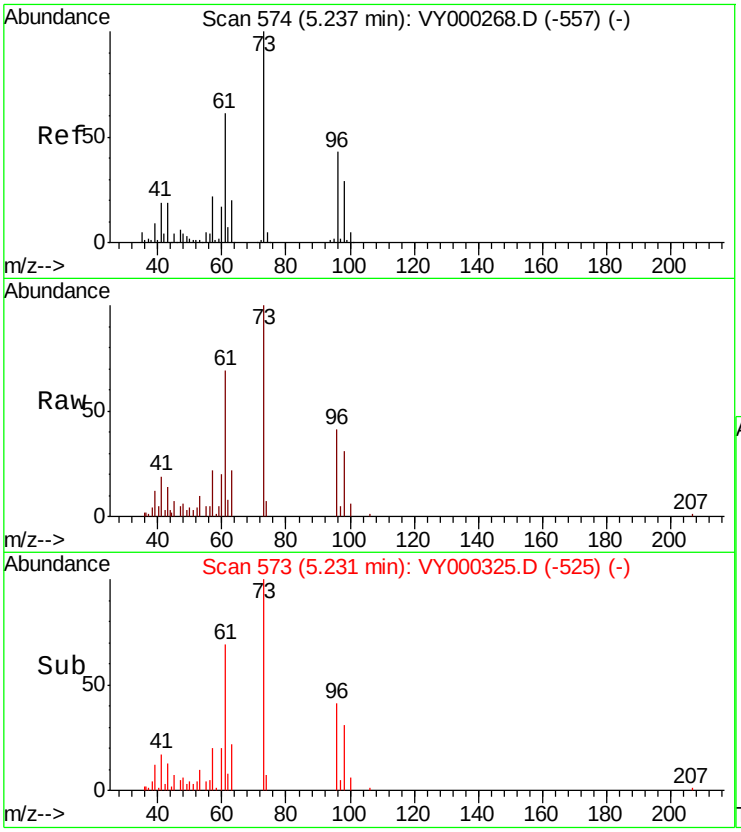




#18
Methyl Acetate
Concen: 3.352 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 43 Resp: 7947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 29.9 | 20.4 | 30.6 |



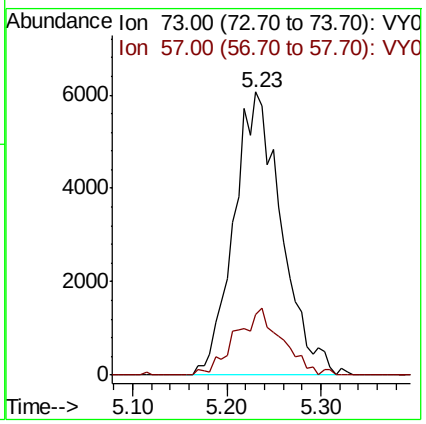


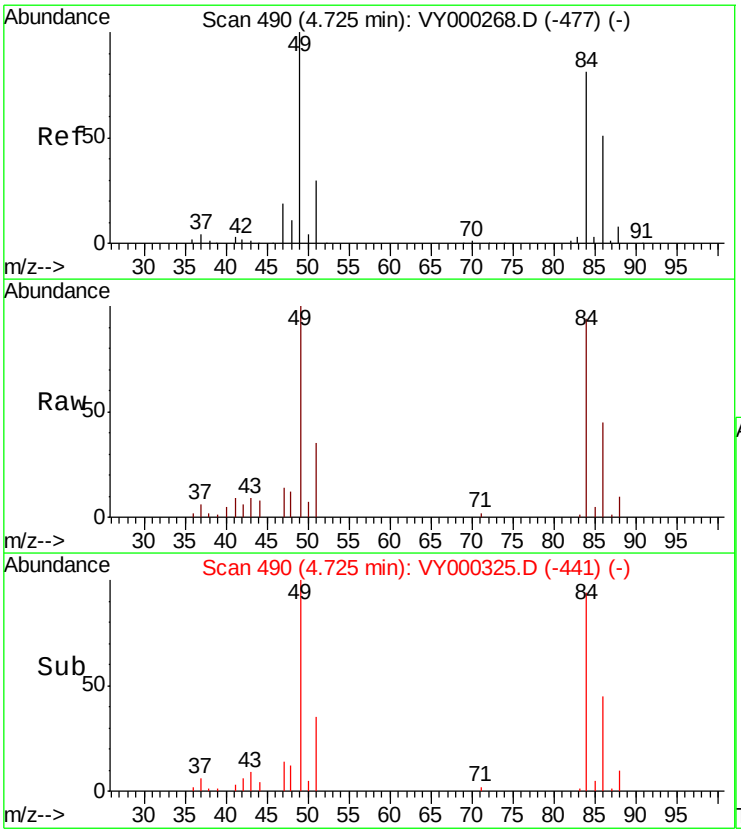

#19
Methyl tert-butyl Ether
Concen: 2.726 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 73 Resp: 21408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.5 | 17.4 | 26.0 |

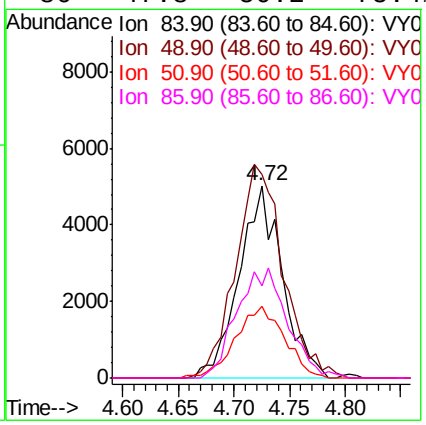


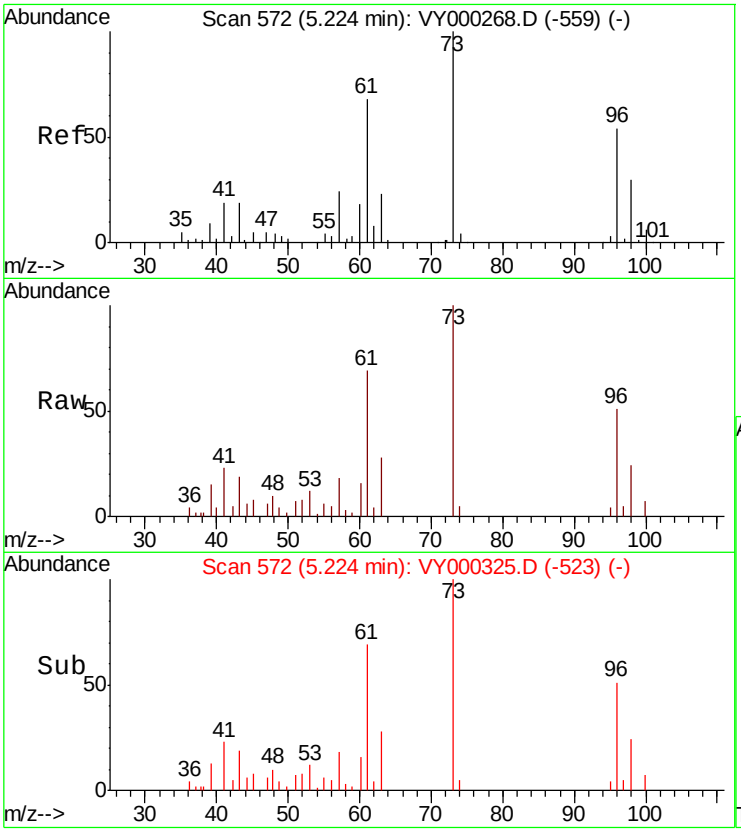




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 84 Resp: 13546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 105.9 | 99.0 | 148.4 |
| 51 | 37.0 | 29.3 | 43.9 |
| 86 | 47.8 | 50.2 | 75.4# |



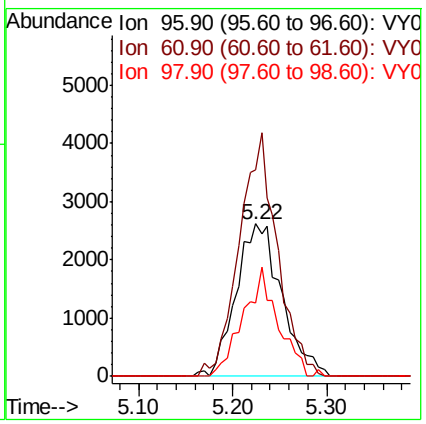


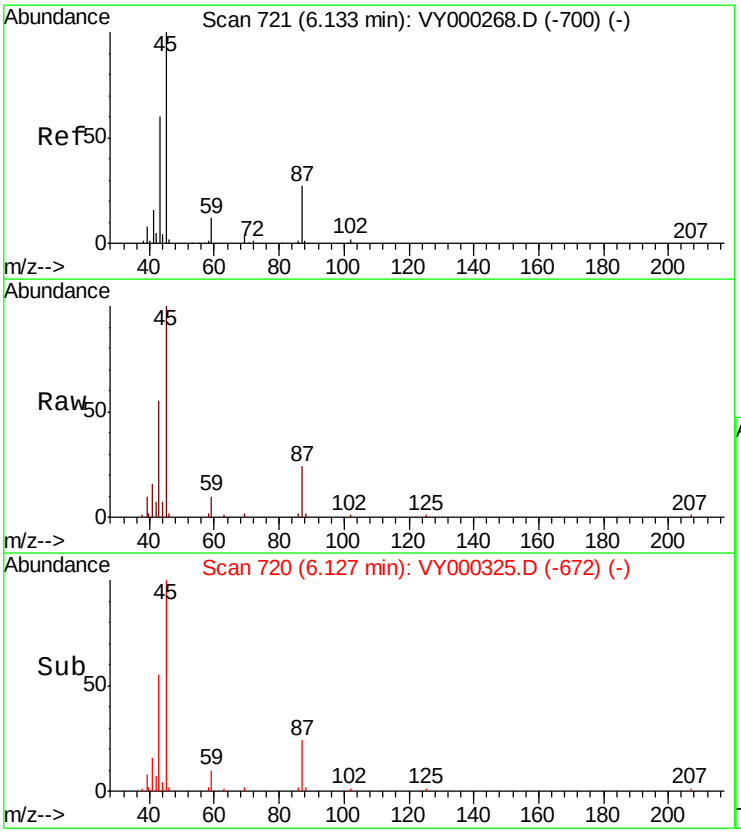

#21
trans-1,2-Dichloroethene
Concen: 2.751 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 96 Resp: 8903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.5 | 100.4 | 150.6 |
| 98 | 47.9 | 44.6 | 66.8 |

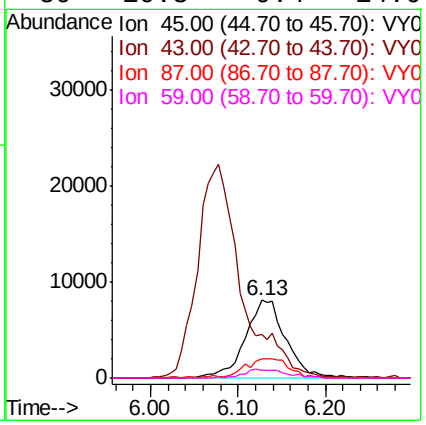


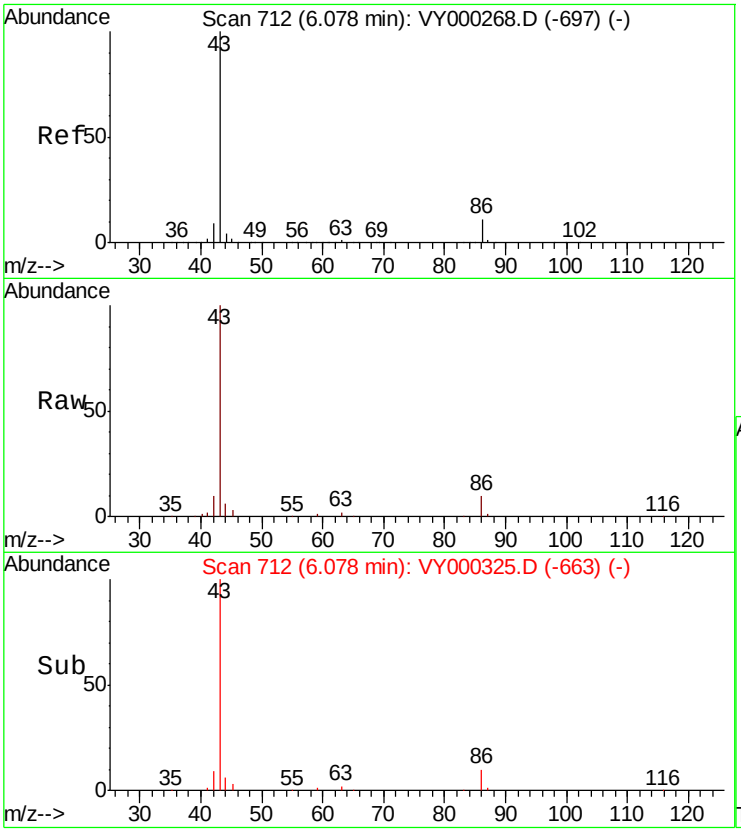




#22
Diisopropyl ether
Concen: 2.610 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 45 Resp: 25808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 53.7 | 48.5 | 72.7 |
| 87 | 24.0 | 21.5 | 32.3 |
| 59 | 10.3 | 9.4 | 14.0 |



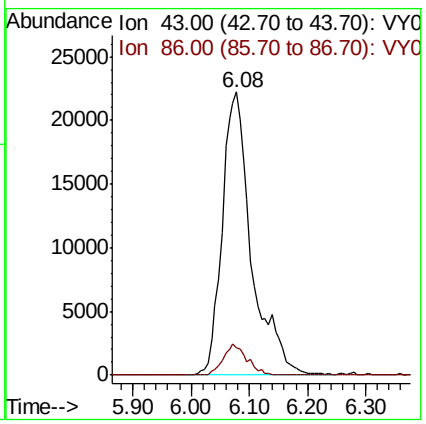


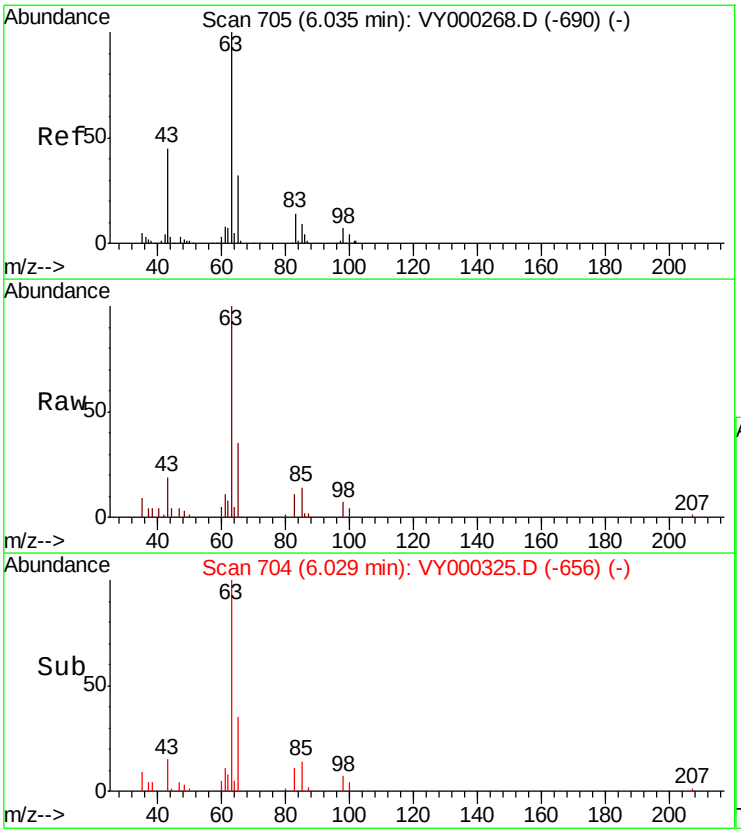

#23
Vinyl Acetate
Concen: 12.081 ug/l
RT: 6.08 min Scan# 712
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 43 Resp: 77934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.8 | 8.6 | 13.0 |

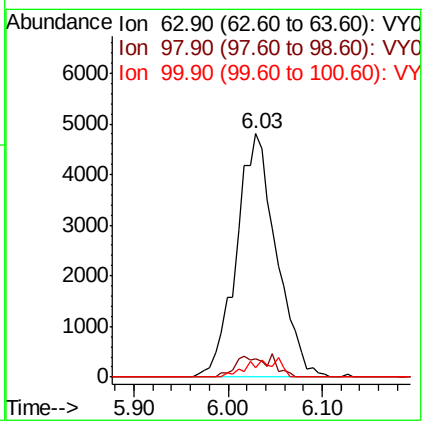


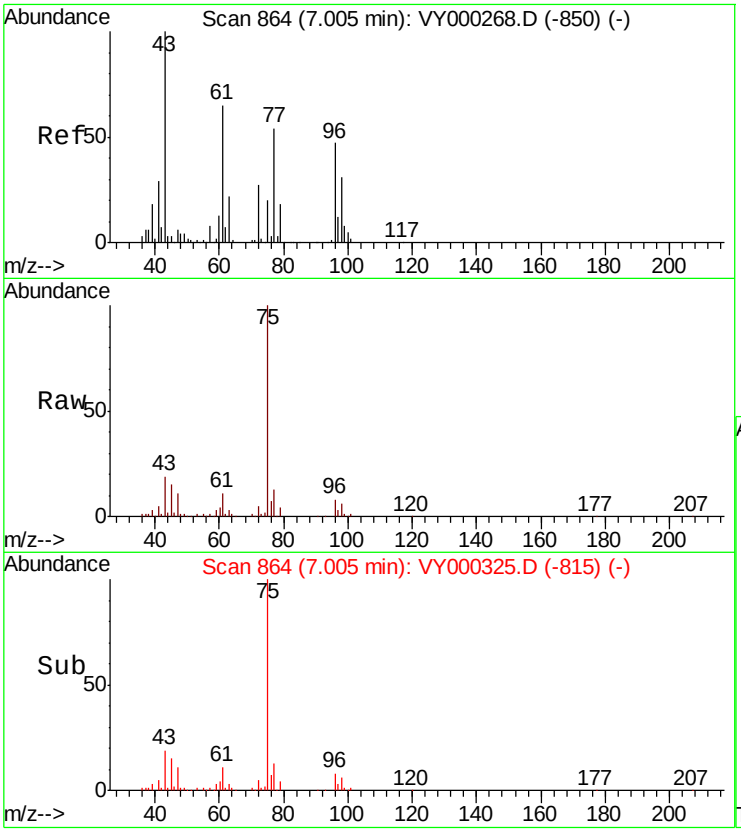




#24
1,1-Dichloroethane
Concen: 2.637 ug/l
RT: 6.03 min Scan# 704
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 63 Resp: 14232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.4 | 3.5 | 10.4 |
| 100 | 3.8 | 2.1 | 6.2 |



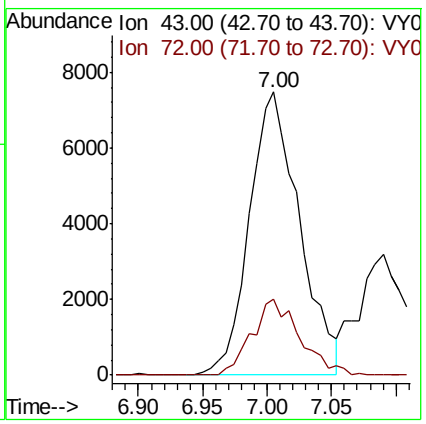


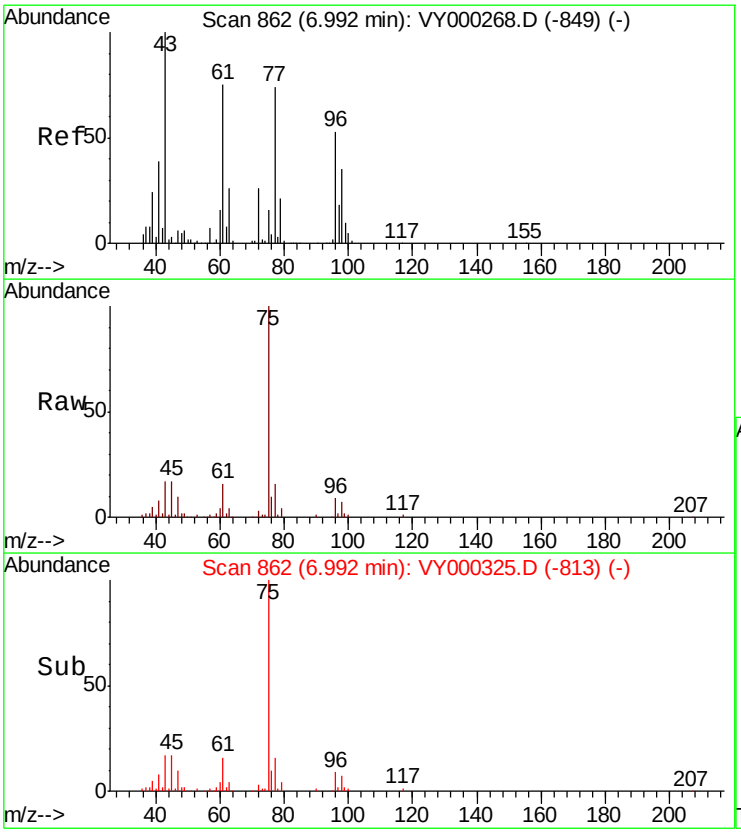

#25
2-Butanone
Concen: 14.970 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 43 Resp: 20122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.9 | 21.4 | 32.2 |

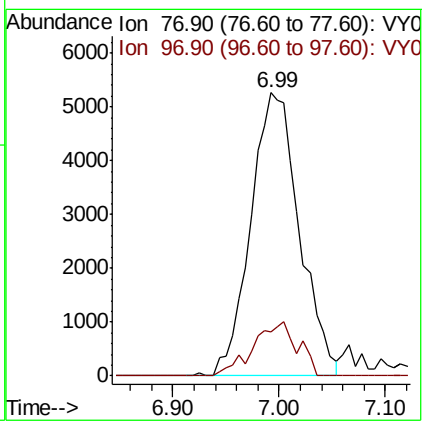


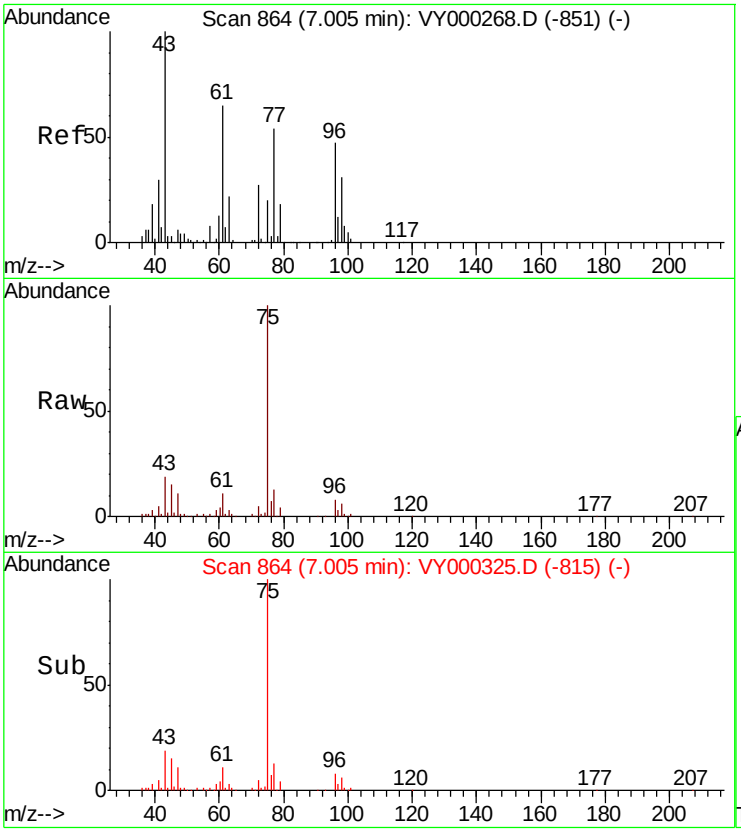




#26
2,2-Dichloropropane
Concen: 3.379 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 77 Resp: 16806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 17.3 | 11.6 | 34.7 |



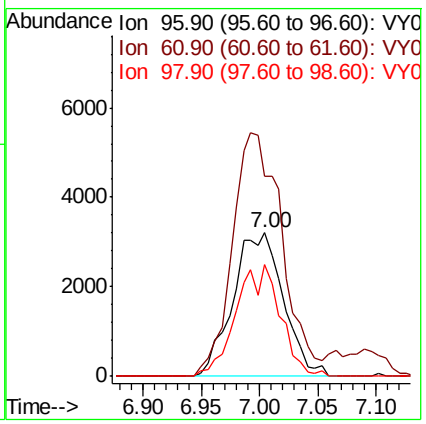


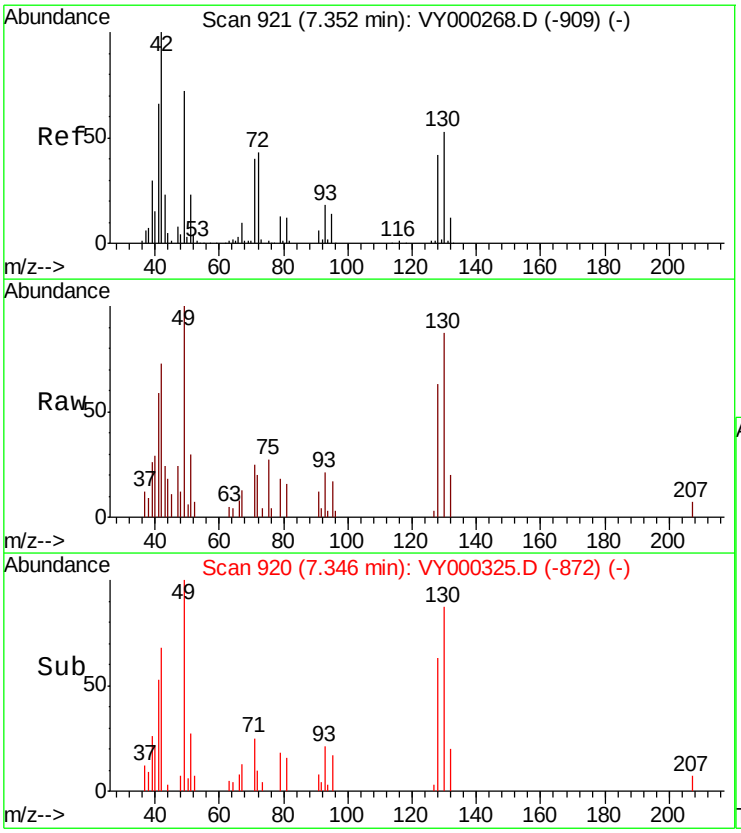

#27
cis-1,2-Dichloroethene
Concen: 2.752 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 96 Resp: 9639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 167.1 | 0.0 | 289.8 |
| 98 | 37.5 | 0.0 | 131.8 |

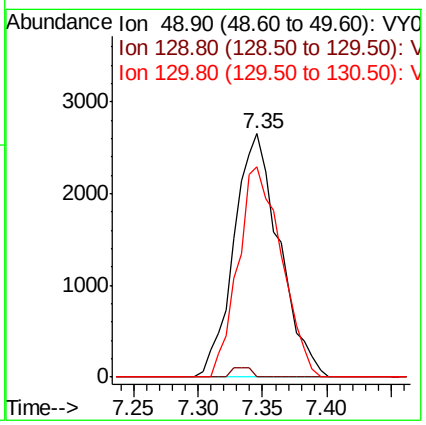


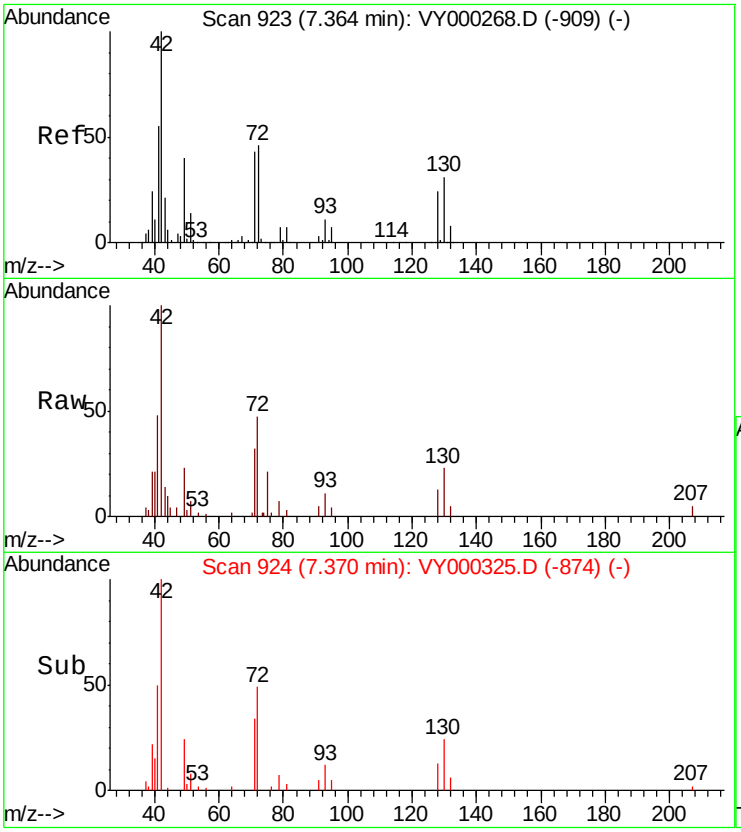




#28
Bromochloromethane
Concen: 2.797 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 49 Resp: 6481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.8 | 0.0 | 4.0 |
| 130 | 82.6 | 58.2 | 87.2 |



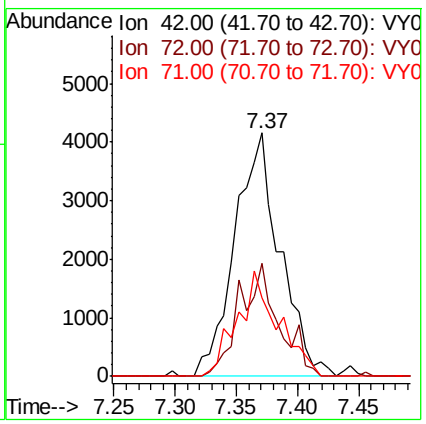


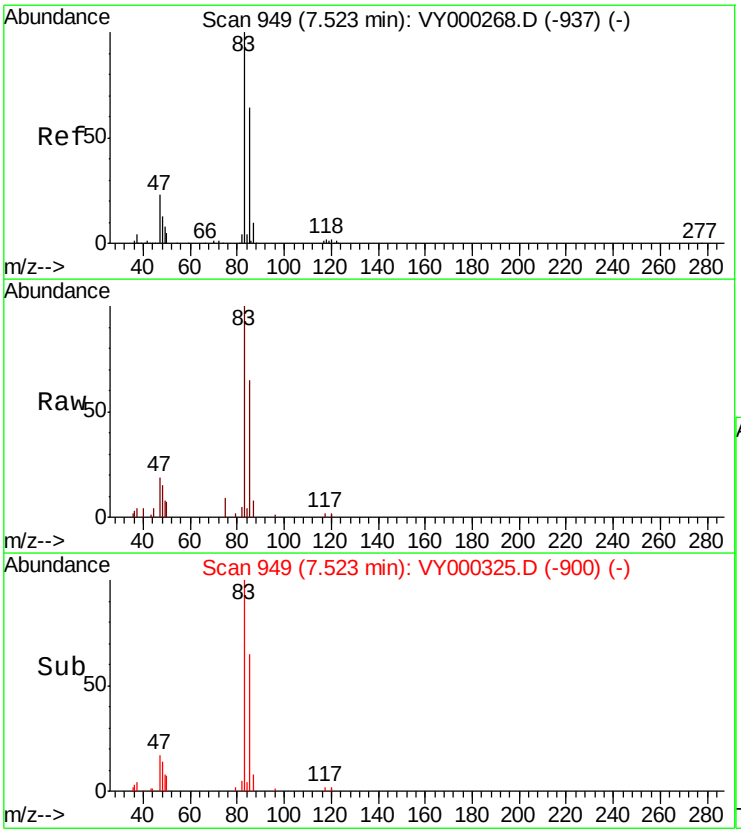

#29
Tetrahydrofuran
Concen: 13.152 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 42 Resp: 10714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.5 | 34.5 | 51.7 |
| 71 | 39.0 | 32.7 | 49.1 |

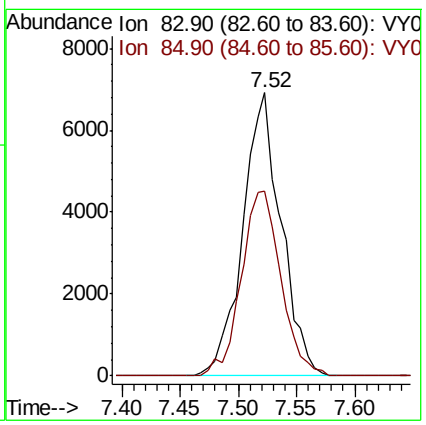


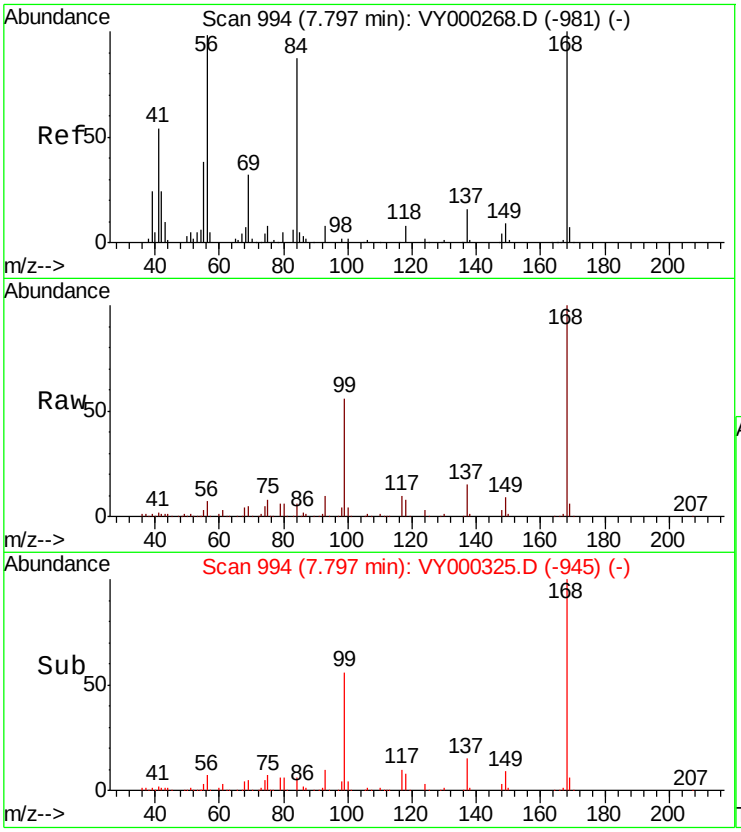




#30
Chloroform
Concen: 2.901 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 83 Resp: 15771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 51.4 | 77.2 |



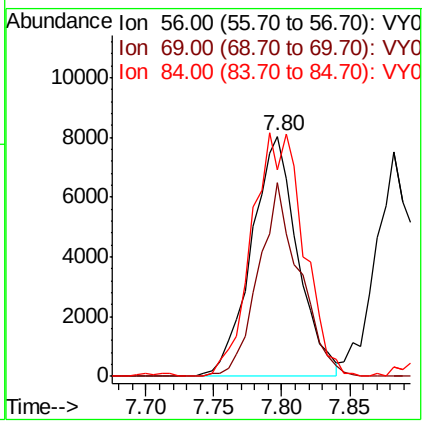


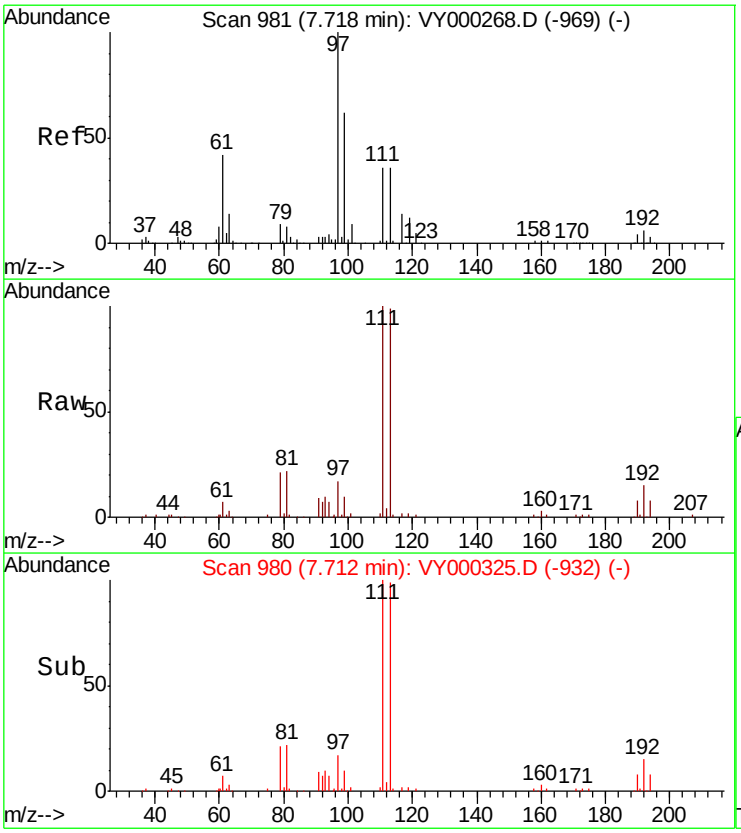

#31
Cyclohexane
Concen: 3.390 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 56 Resp: 19112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 80.8 | 26.3 | 39.5# |
| 84 | 86.2 | 70.8 | 106.2 |

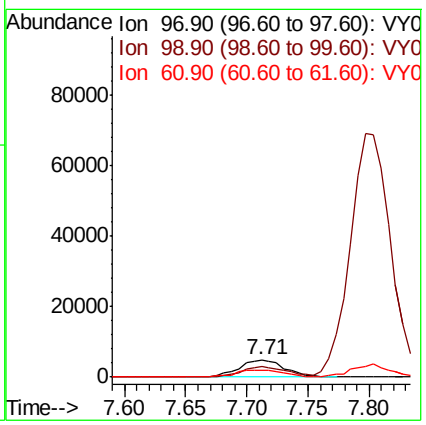


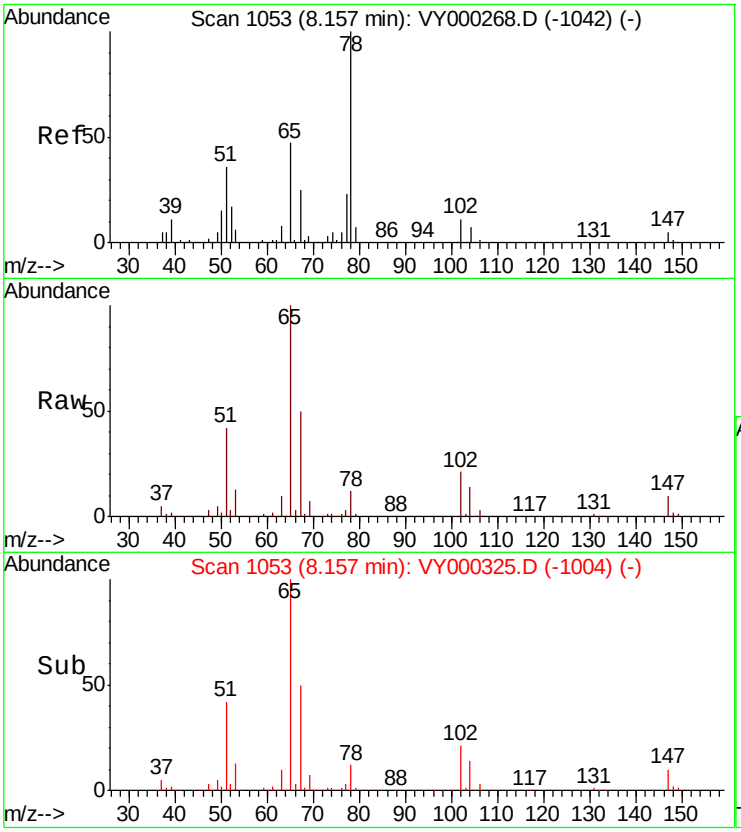




#32
1,1,1-Trichloroethane
Concen: 2.574 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 97 Resp: 12440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.7 | 77.5 |
| 61 | 44.2 | 34.5 | 51.7 |



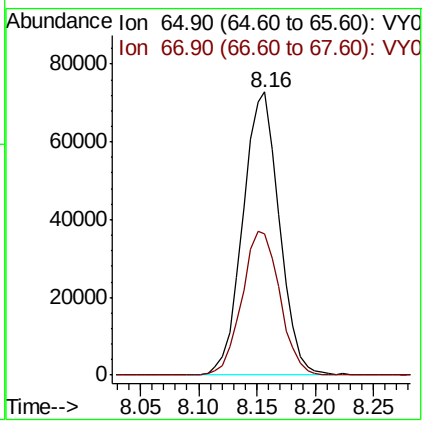


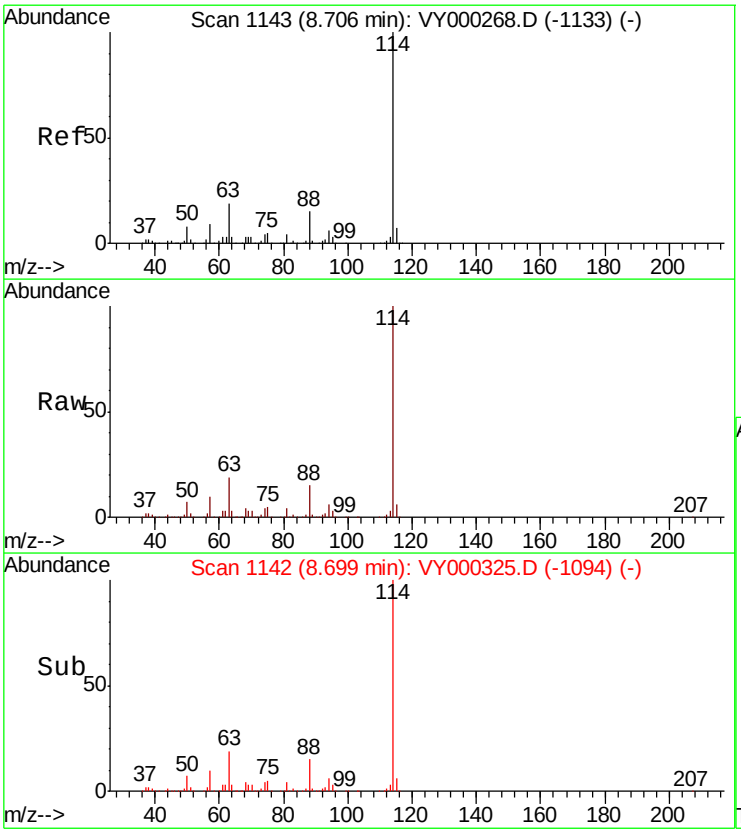

#33
1,2-Dichloroethane-d4
Concen: 53.929 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 65 Resp: 158903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 0.0 | 109.4 |

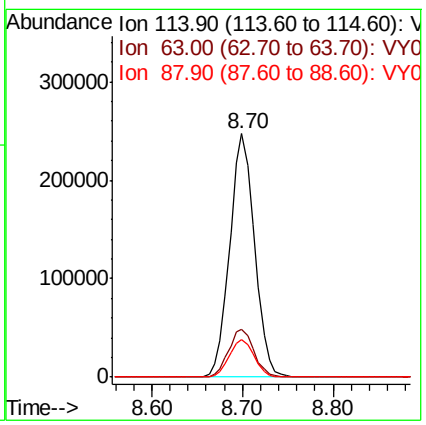


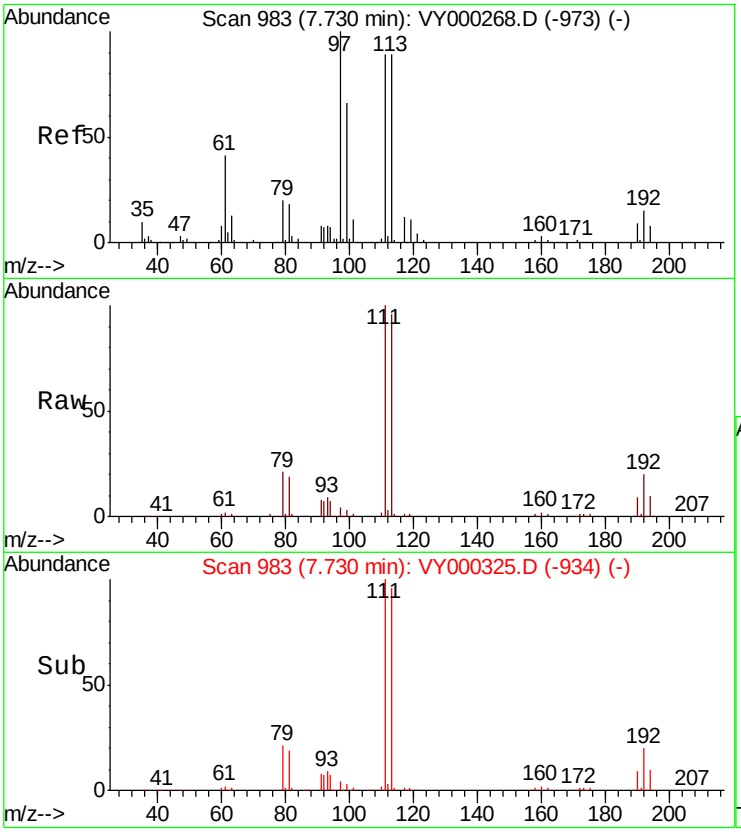




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:114 Resp: 469994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.4 | 0.0 | 37.2 |
| 88 | 15.2 | 0.0 | 30.2 |



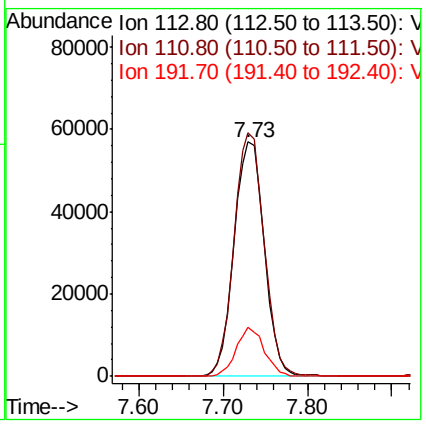


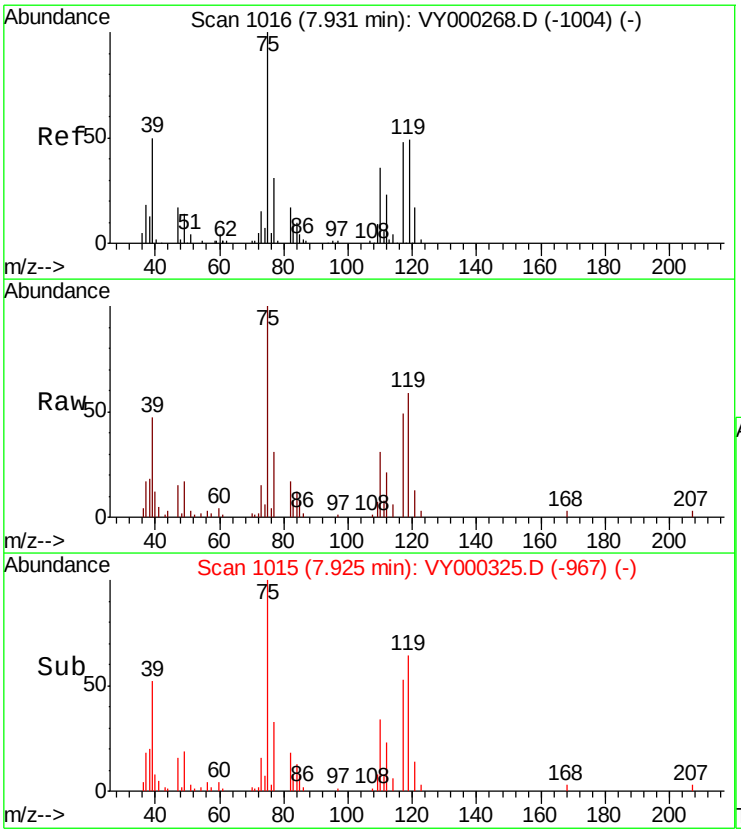

#35
Dibromofluoromethane
Concen: 48.696 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:113 Resp: 138055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 81.6 | 122.4 |
| 192 | 19.1 | 15.3 | 22.9 |

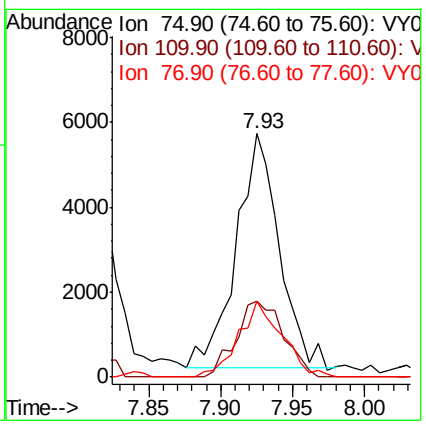


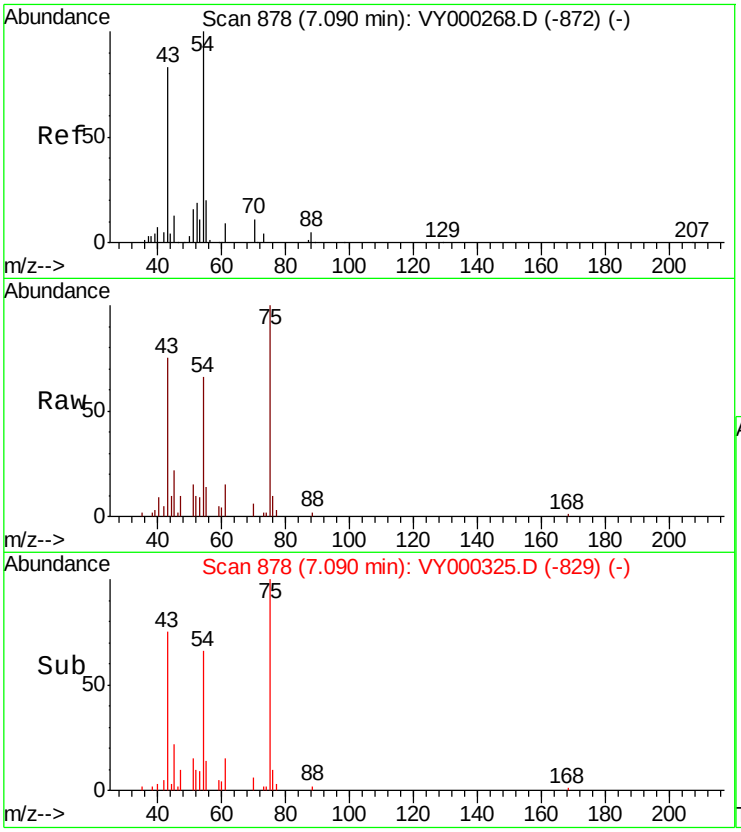




#36
1,1-Dichloropropene
Concen: 2.494 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 75 Resp: 11476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.6 | 18.4 | 55.4 |
| 77 | 32.5 | 25.0 | 37.6 |



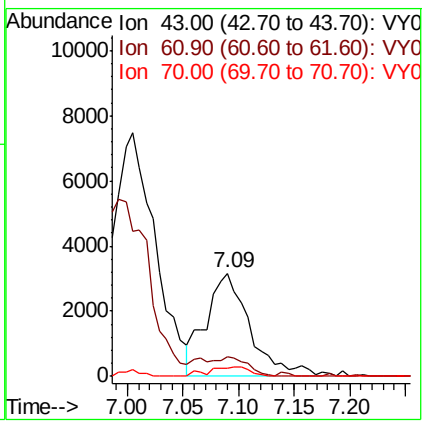


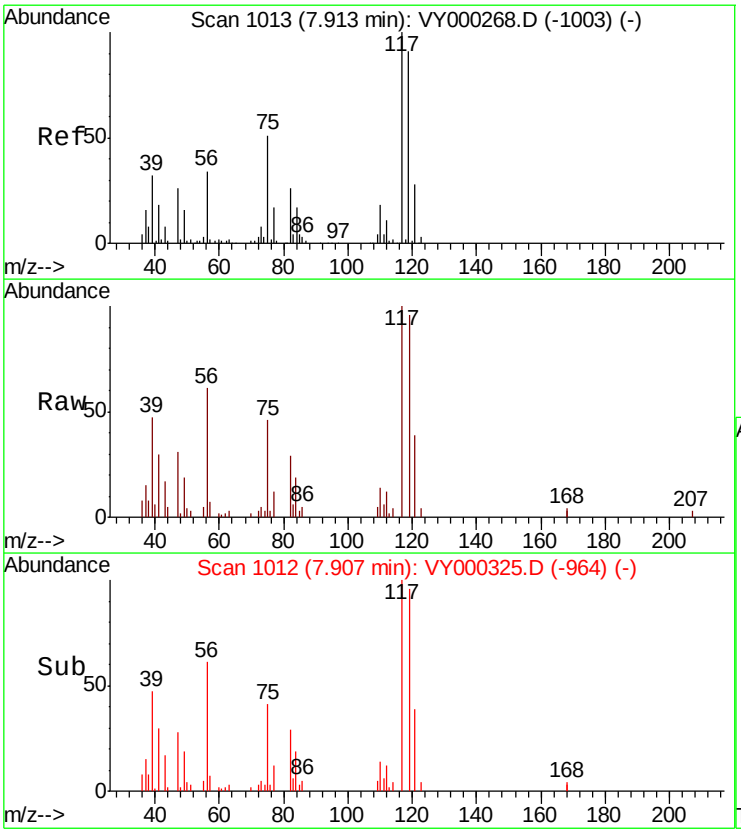

#37
Ethyl Acetate
Concen: 3.210 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 43 Resp: 8746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 9.9 | 12.1 | 18.1# |
| 70 | 8.5 | 8.7 | 13.1# |

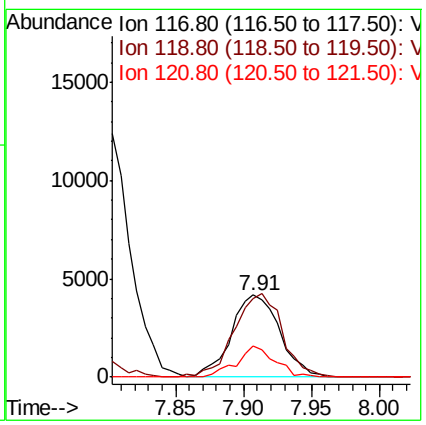


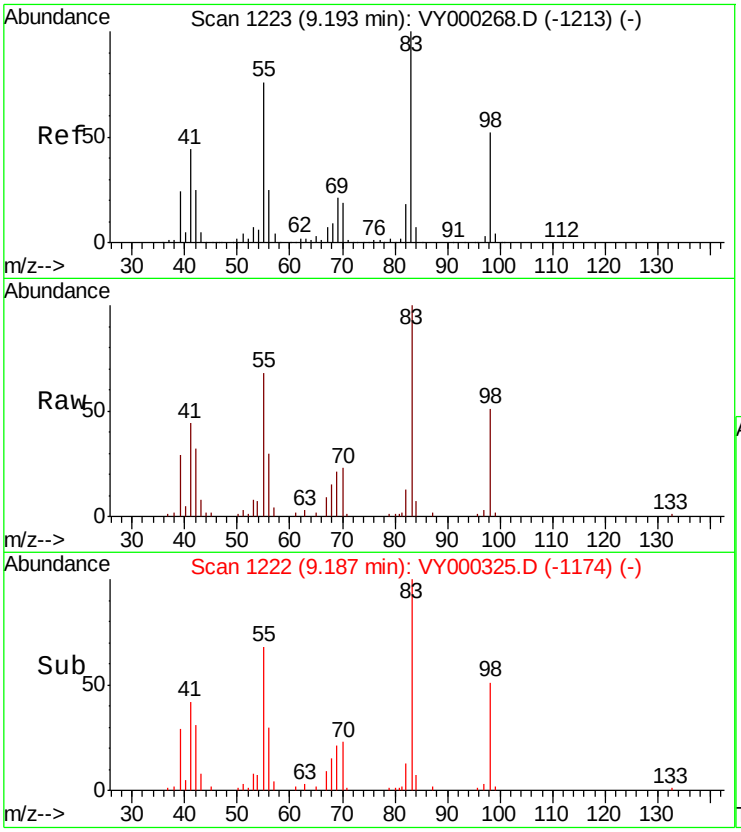




#38
Carbon Tetrachloride
Concen: 2.348 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:117 Resp: 10461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.1 | 72.8 | 109.2 |
| 121 | 38.7 | 22.2 | 33.2# |



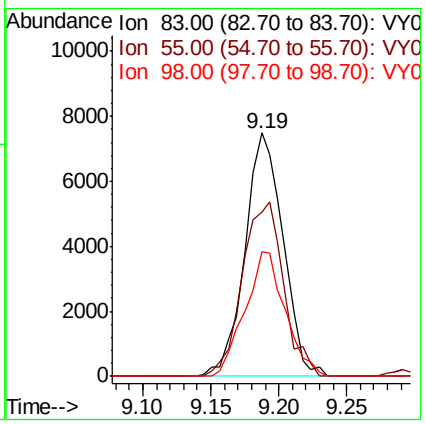


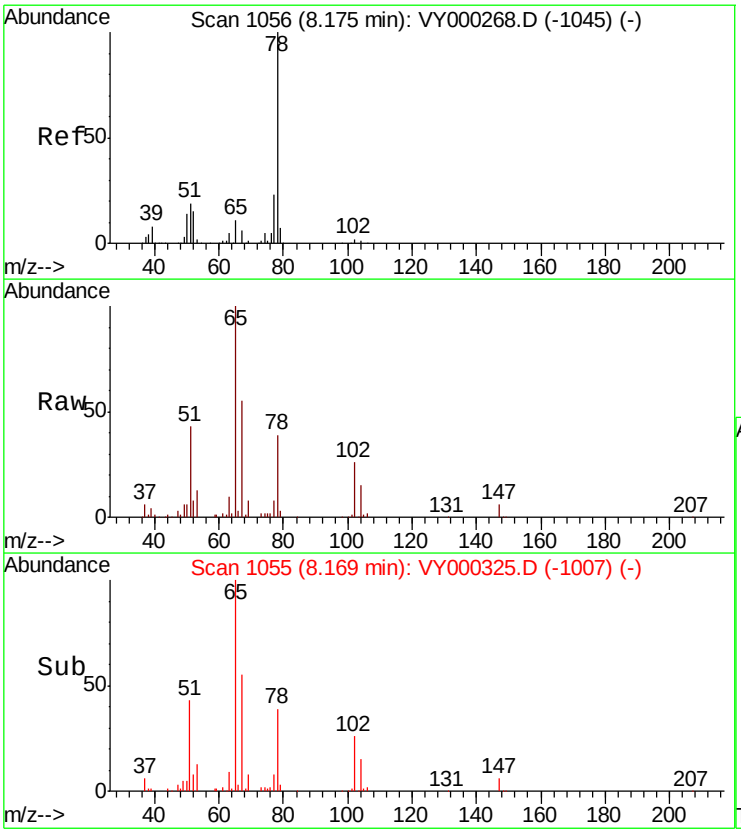

#39
Methylcyclohexane
Concen: 2.440 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 83 Resp: 14697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 67.6 | 60.9 | 91.3 |
| 98 | 51.2 | 41.8 | 62.6 |

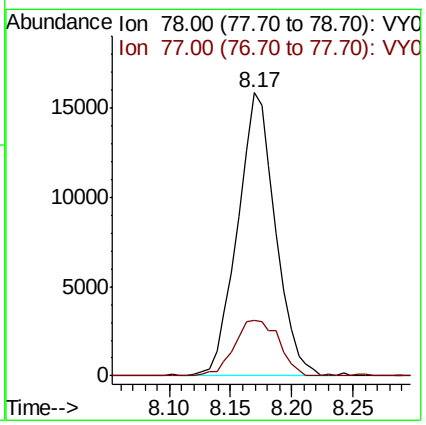


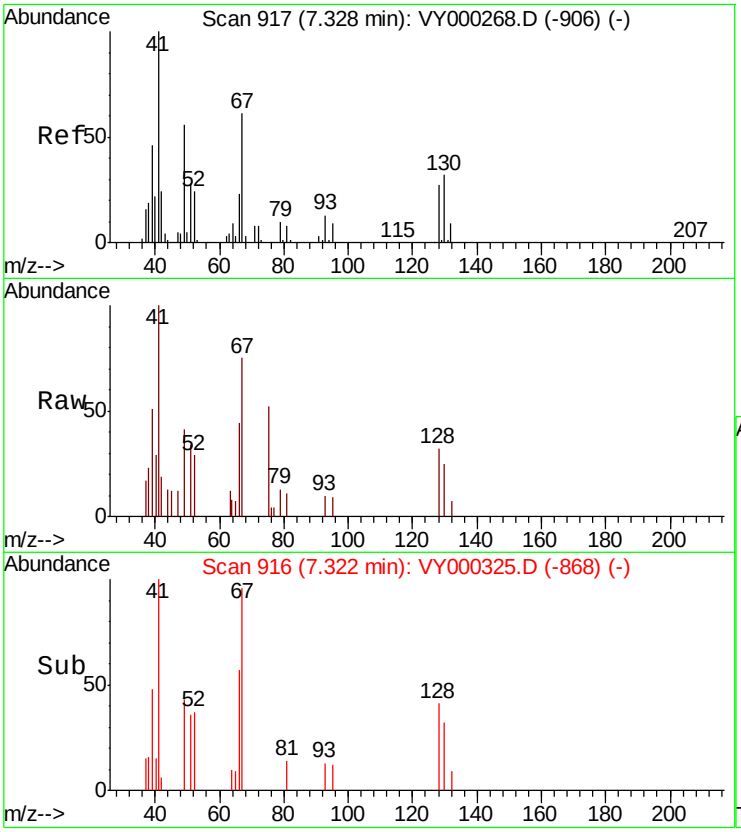




#40
Benzene
Concen: 2.566 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 78 Resp: 34124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 19.5 | 18.8 | 28.2 |



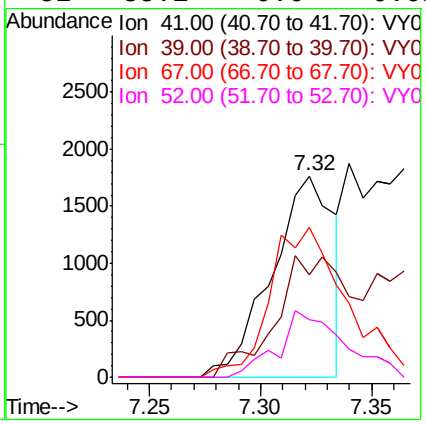


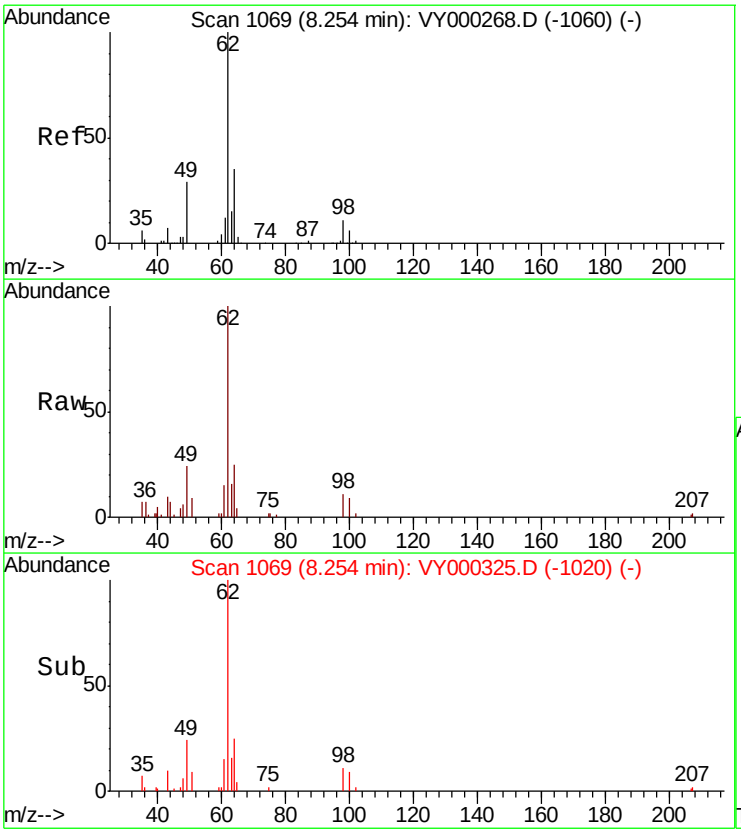

#41
Methacrylonitrile
Concen: 2.643 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 41 Resp: 3428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.4 | 110.2 | 165.2# |
| 67 | 91.4 | 0.0 | 0.0# |
| 52 | 35.1 | 0.0 | 0.0# |

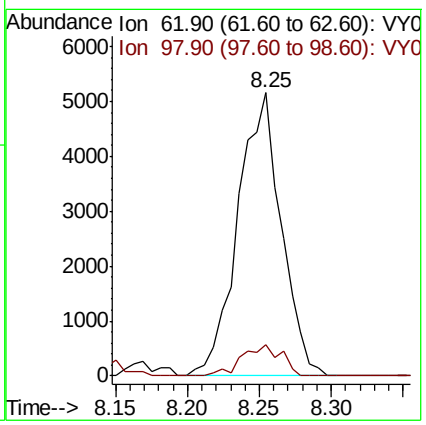


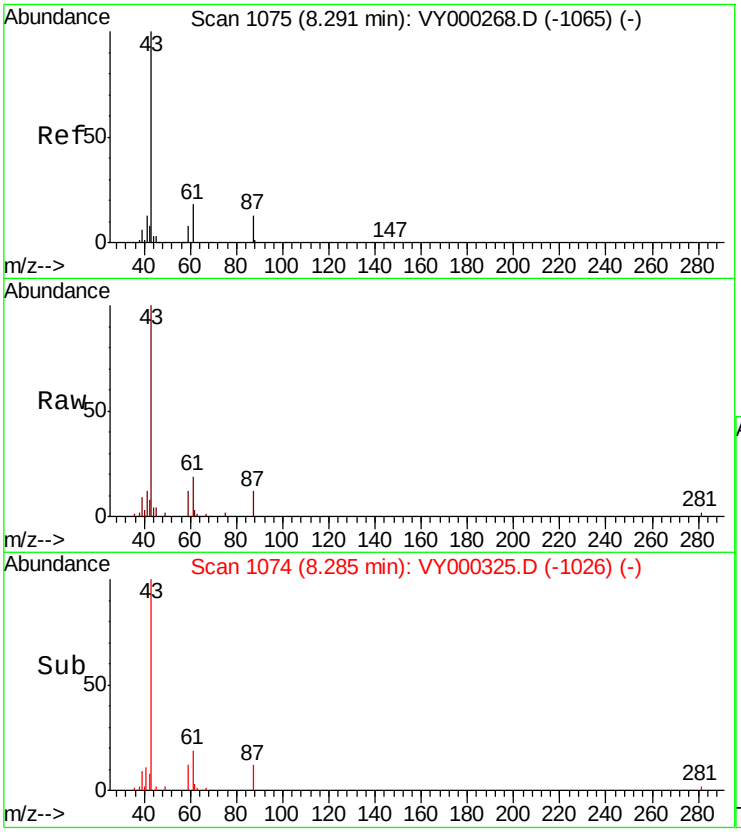




#42
1,2-Dichloroethane
Concen: 2.835 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 62 Resp: 10770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.9 | 0.0 | 20.6 |



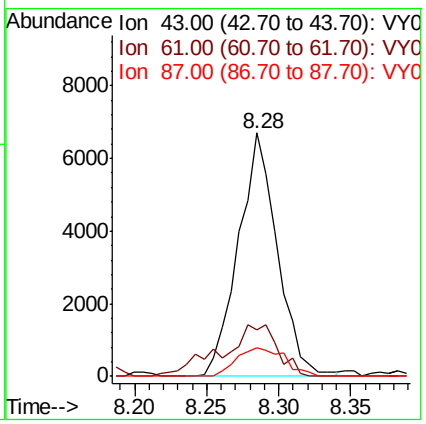


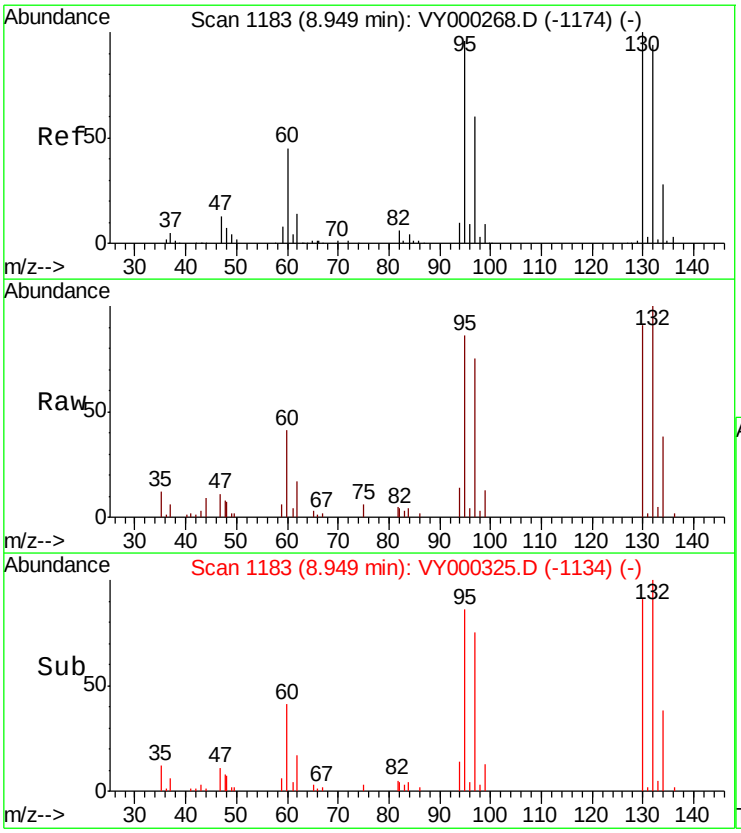

#43
Isopropyl Acetate
Concen: 2.433 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 43 Resp: 12603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 30.6 | 22.3 | 33.5 |
| 87 | 14.4 | 10.9 | 16.3 |

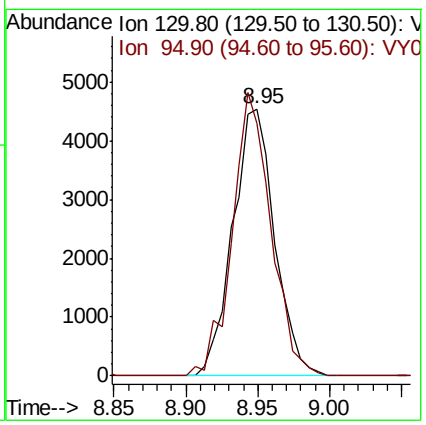


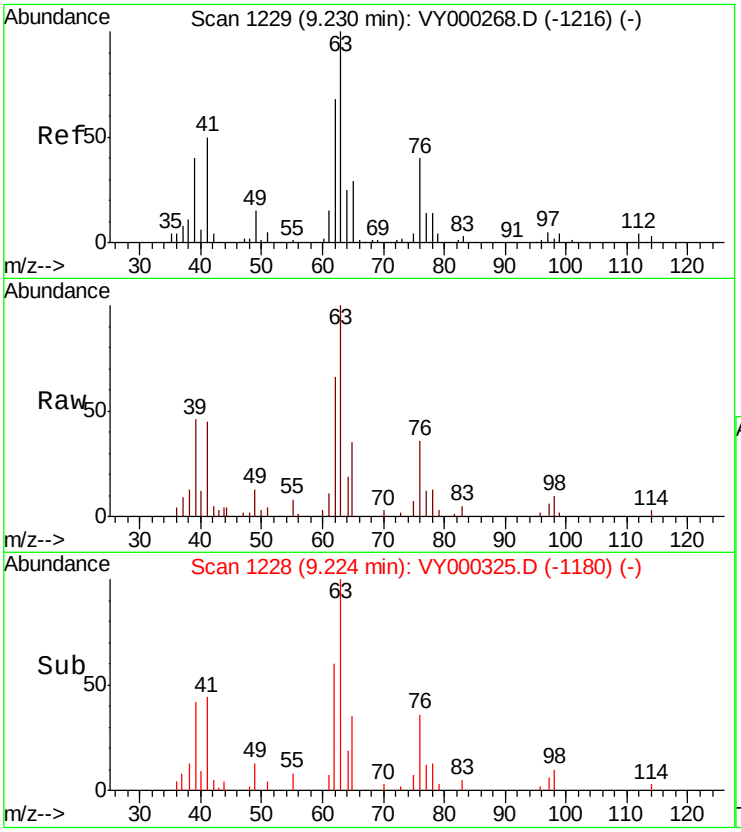




#44
Trichloroethene
Concen: 2.459 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:130 Resp: 9174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.6 | 0.0 | 191.4 |



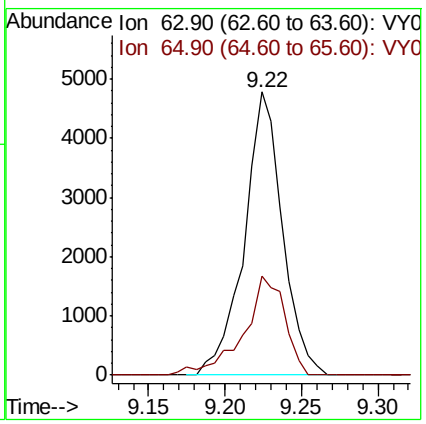


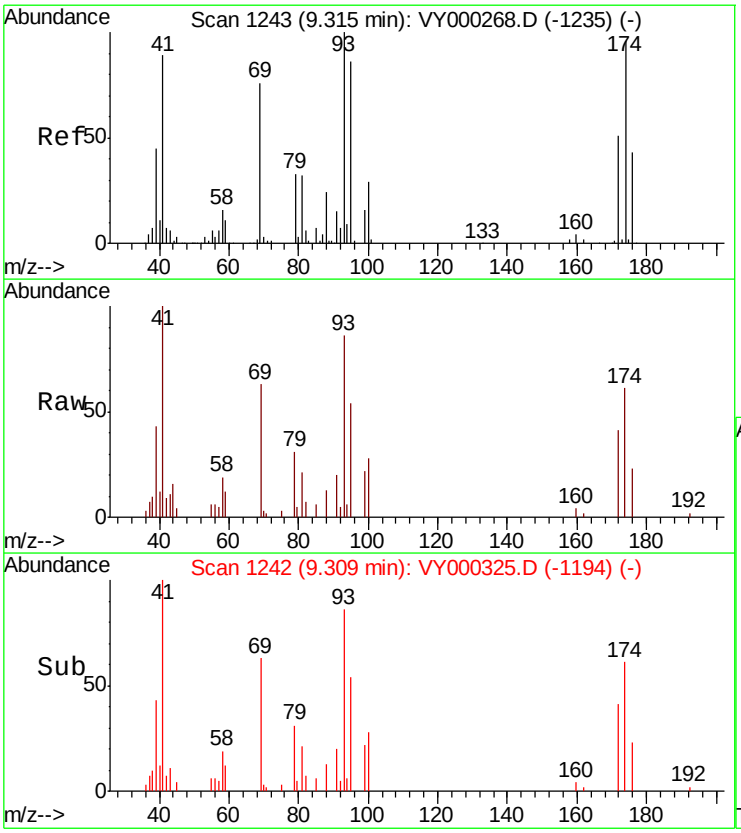

#45
1,2-Dichloropropane
Concen: 2.548 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 63 Resp: 8314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 35.1 | 23.2 | 34.8# |

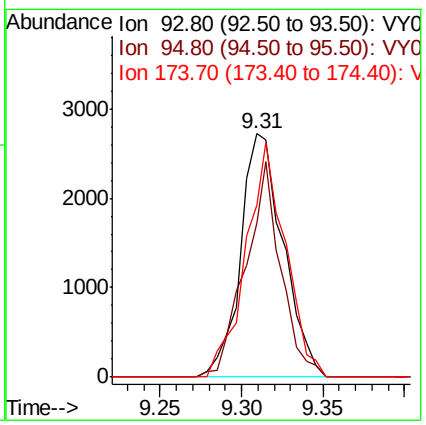


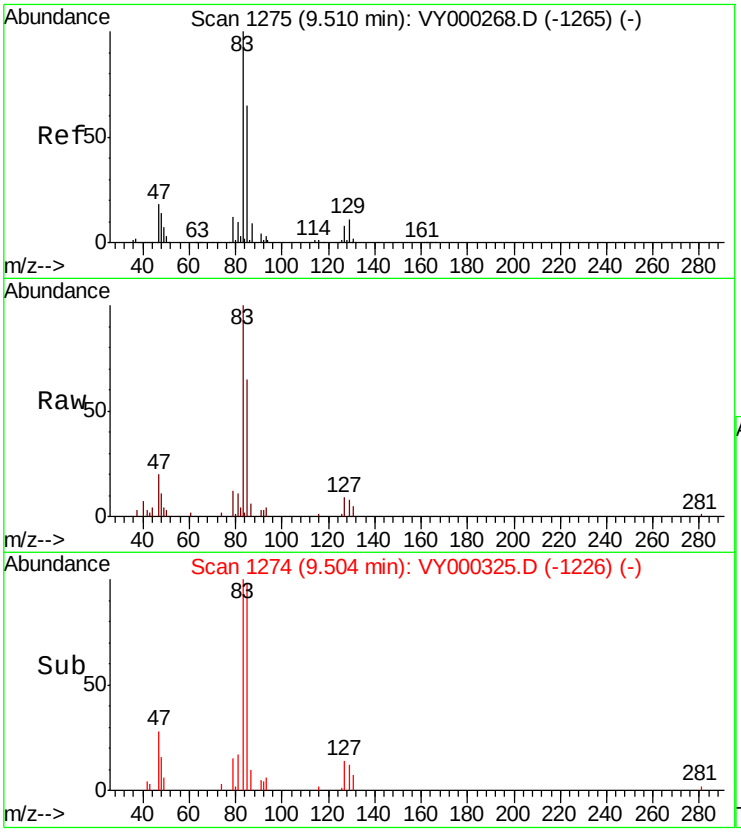




#46
Dibromomethane
Concen: 2.704 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 93 Resp: 4932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 73.8 | 68.2 | 102.2 |
| 174 | 89.4 | 79.8 | 119.6 |



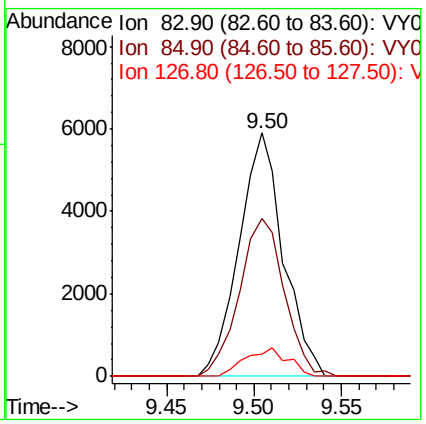


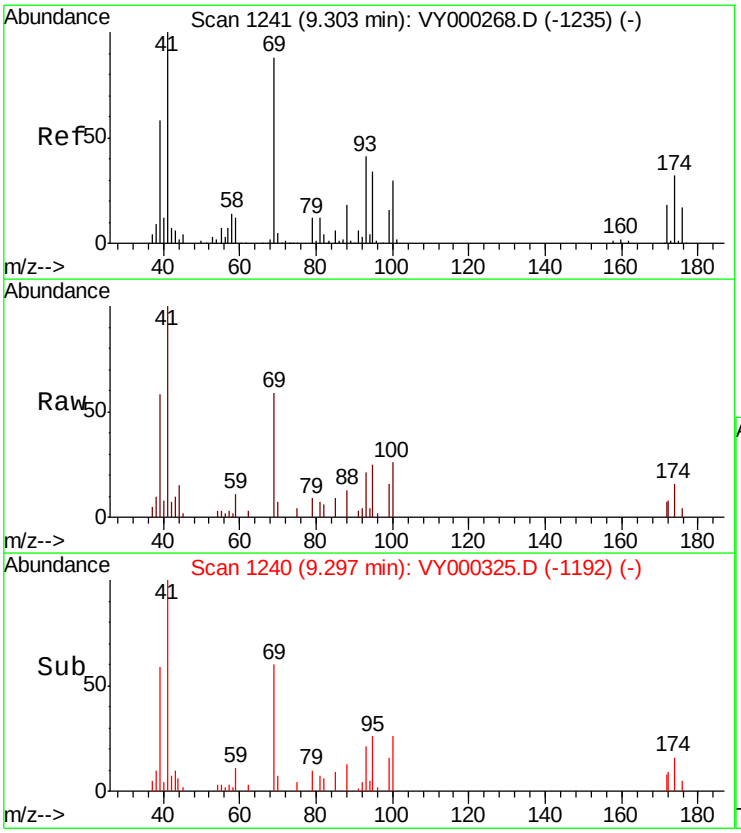

#47
Bromodichloromethane
Concen: 2.412 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 83 Resp: 10371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.8 | 52.2 | 78.2 |
| 127 | 9.2 | 6.3 | 9.5 |

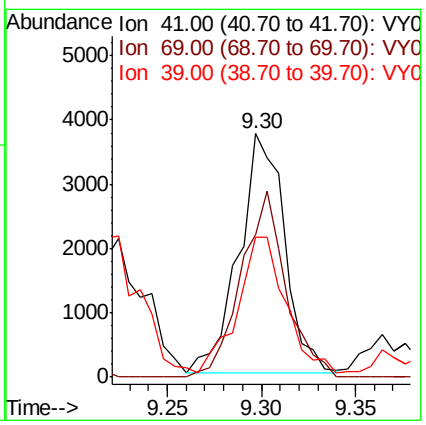


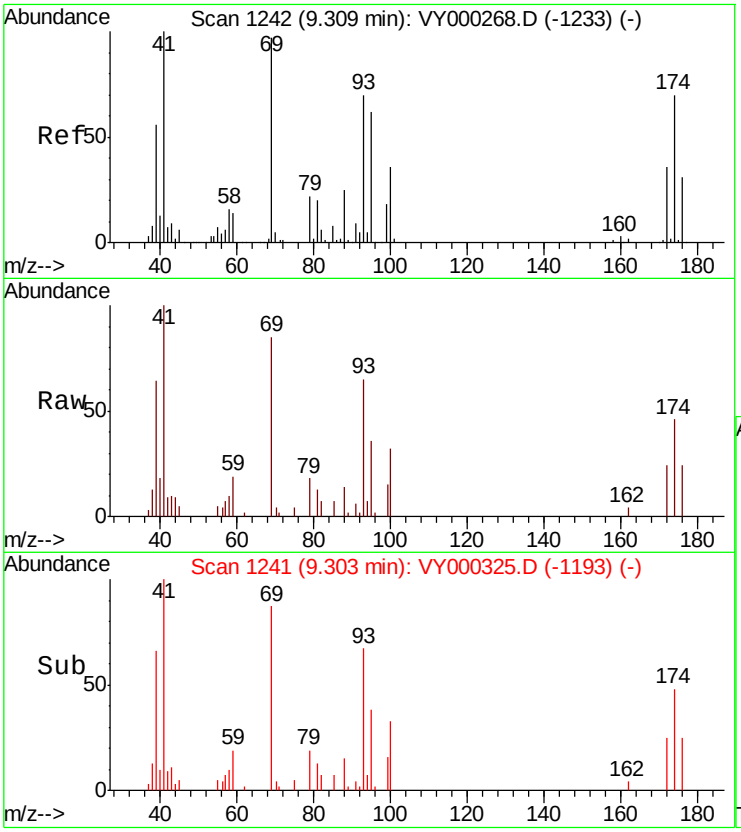




#48
Methyl methacrylate
Concen: 2.761 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 41 Resp: 6269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 75.6 | 70.0 | 105.0 |
| 39 | 64.9 | 47.7 | 71.5 |



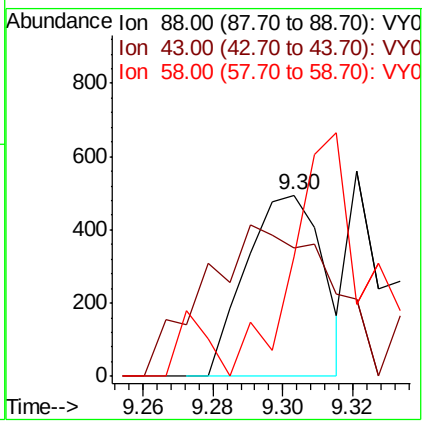


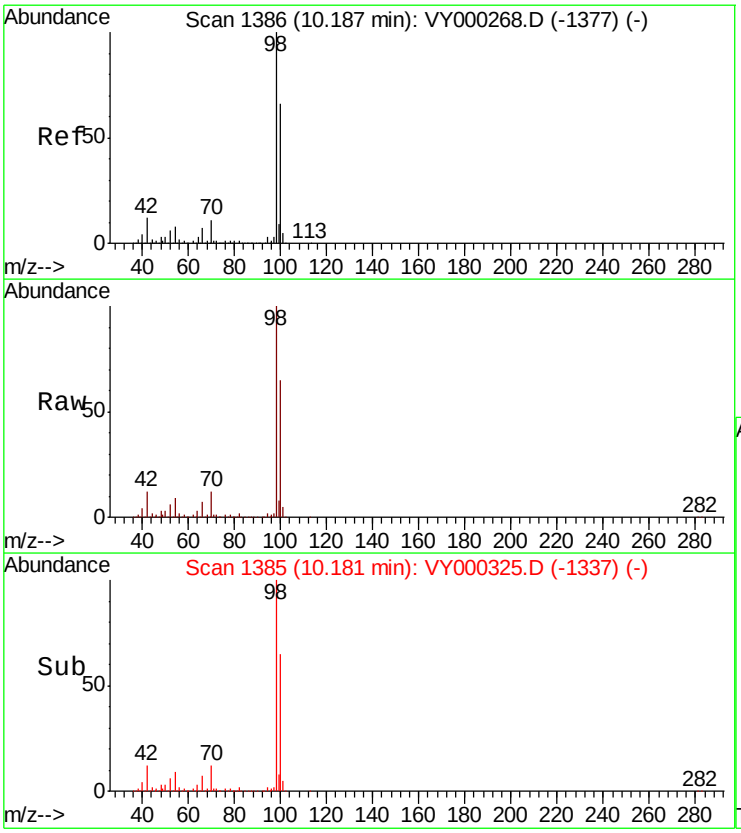

#49
1,4-Dioxane
Concen: 27.639 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 88 Resp: 756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 25.6 | 38.4# |
| 58 | 121.0 | 54.6 | 81.8# |

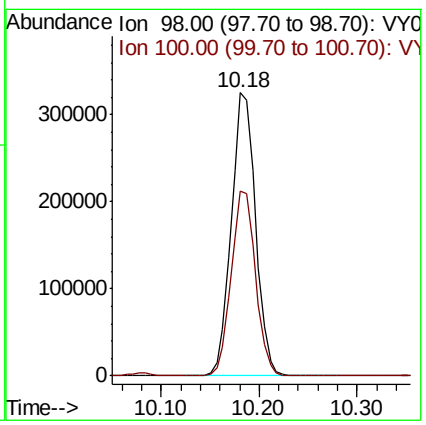


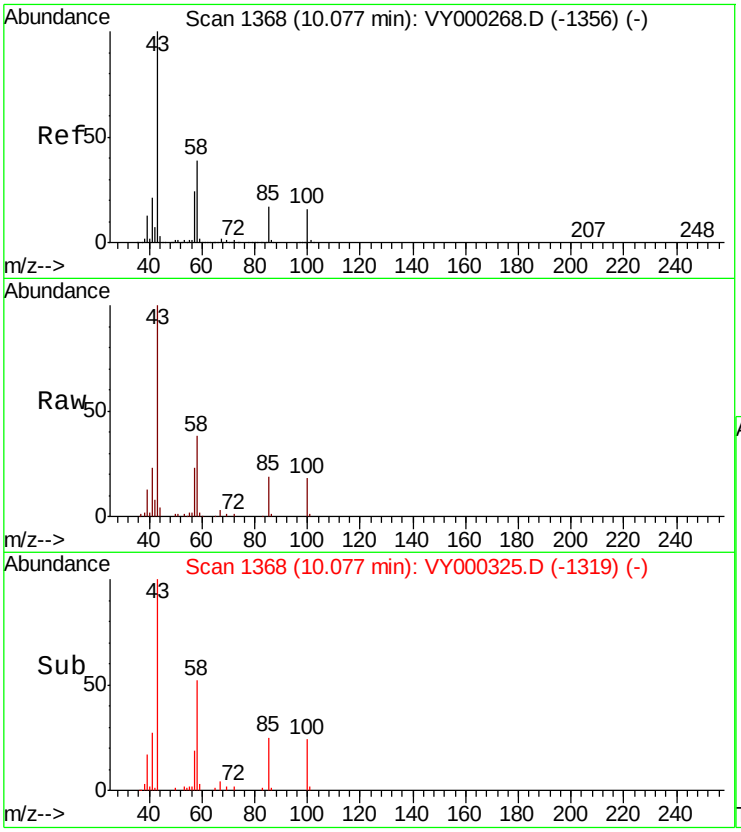




#50
Toluene-d8
Concen: 51.293 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 98 Resp: 559384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.6 | 52.8 | 79.2 |



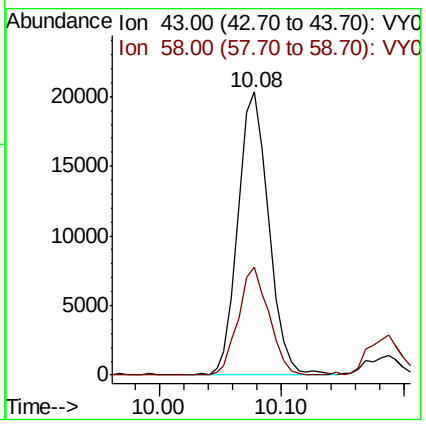


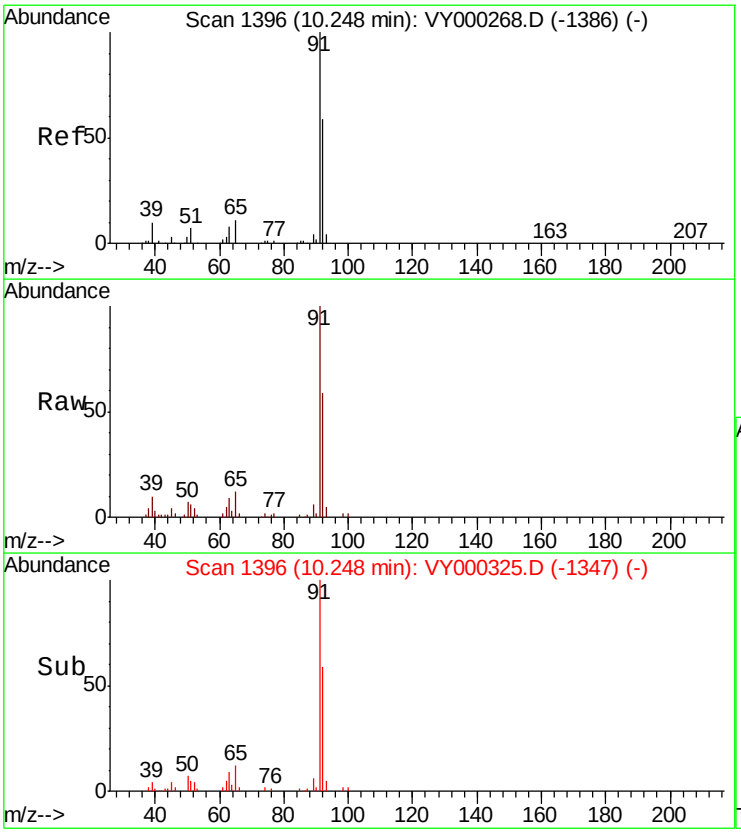

#51
4-Methyl-2-Pentanone
Concen: 13.279 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 43 Resp: 35482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.9 | 31.0 | 46.6 |

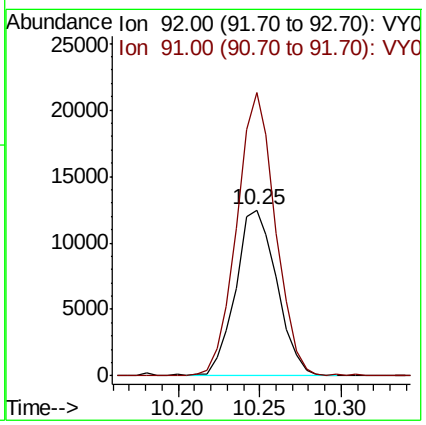


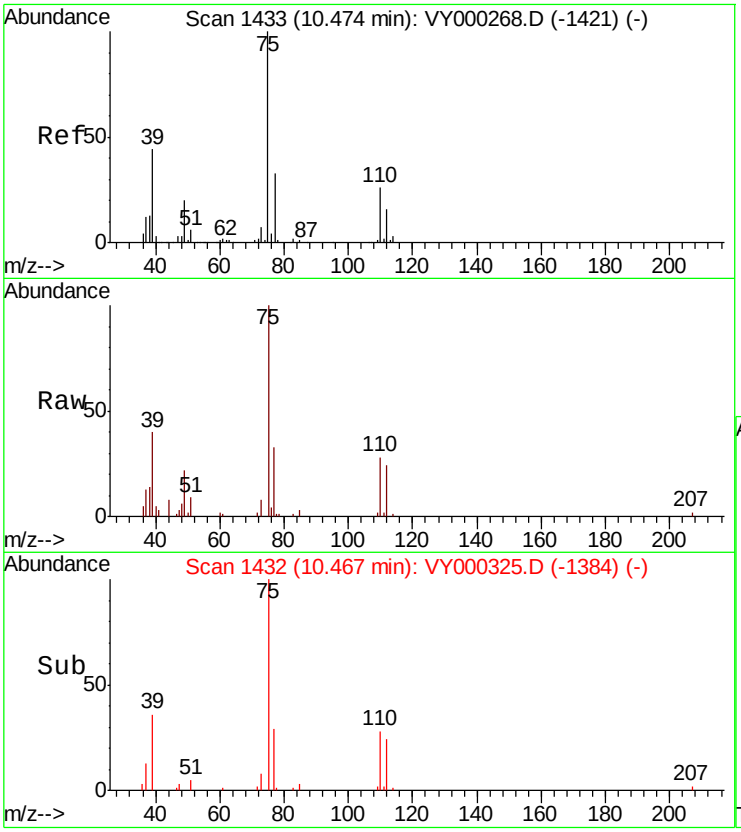




#52
Toluene
Concen: 2.591 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 92 Resp: 21872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 160.5 | 136.6 | 205.0 |



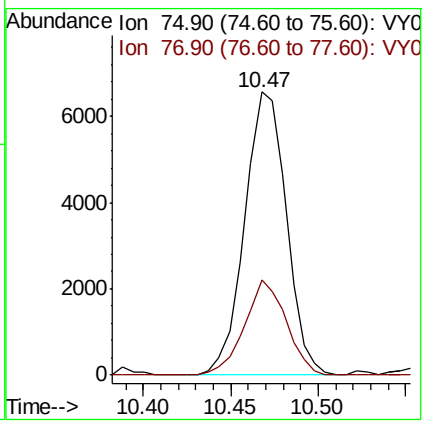


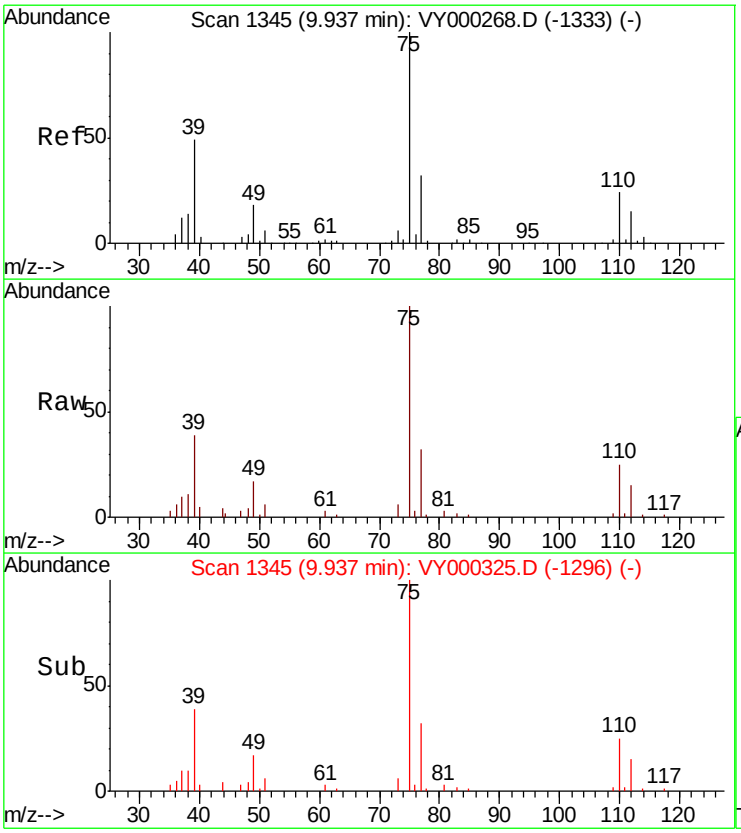

#53
t-1,3-Dichloropropene
Concen: 2.365 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 75 Resp: 10896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 26.0 | 39.0 |

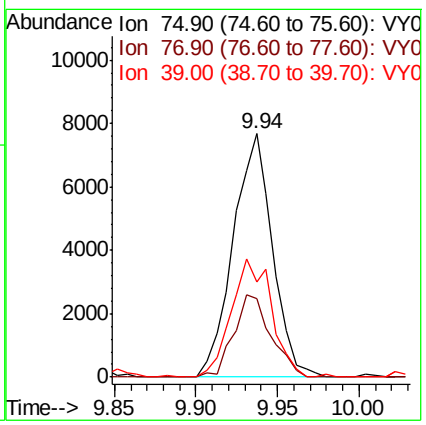


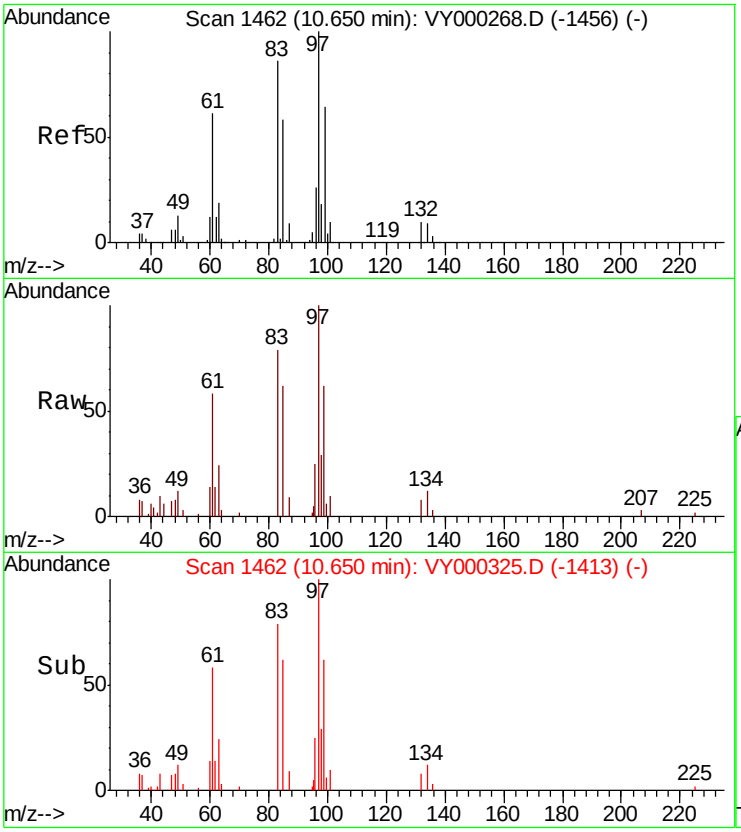




#54
cis-1,3-Dichloropropene
Concen: 2.464 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 75 Resp: 12892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 26.0 | 39.0 |
| 39 | 39.3 | 38.8 | 58.2 |



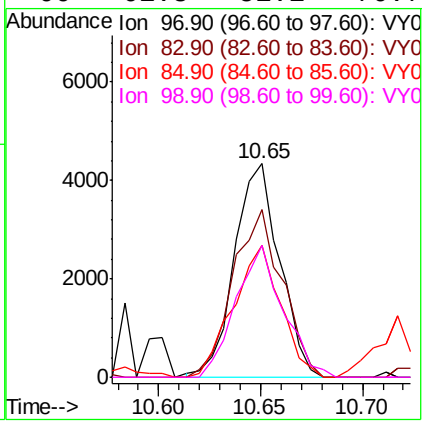


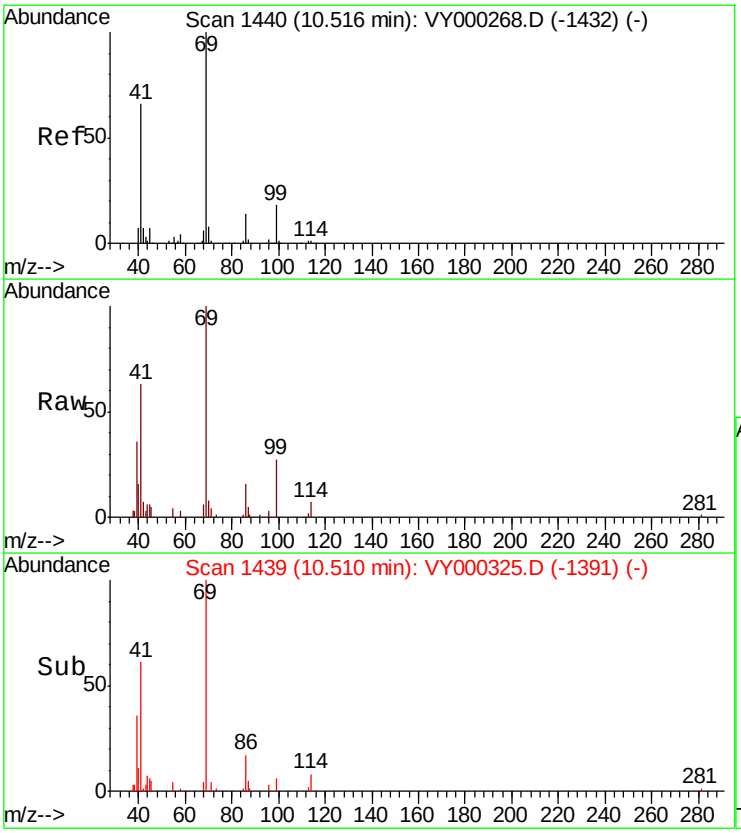

#55
1,1,2-Trichloroethane
Concen: 2.514 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 97 Resp: 6667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 78.7 | 69.0 | 103.6 |
| 85 | 61.9 | 46.2 | 69.4 |
| 99 | 61.8 | 51.1 | 76.7 |

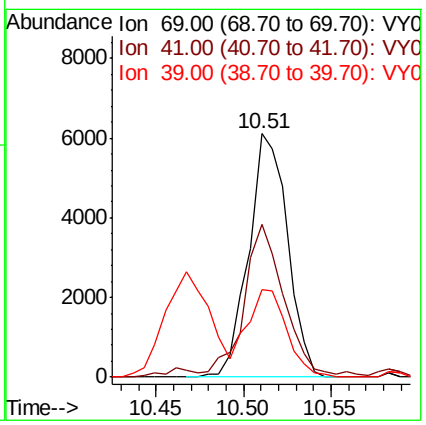


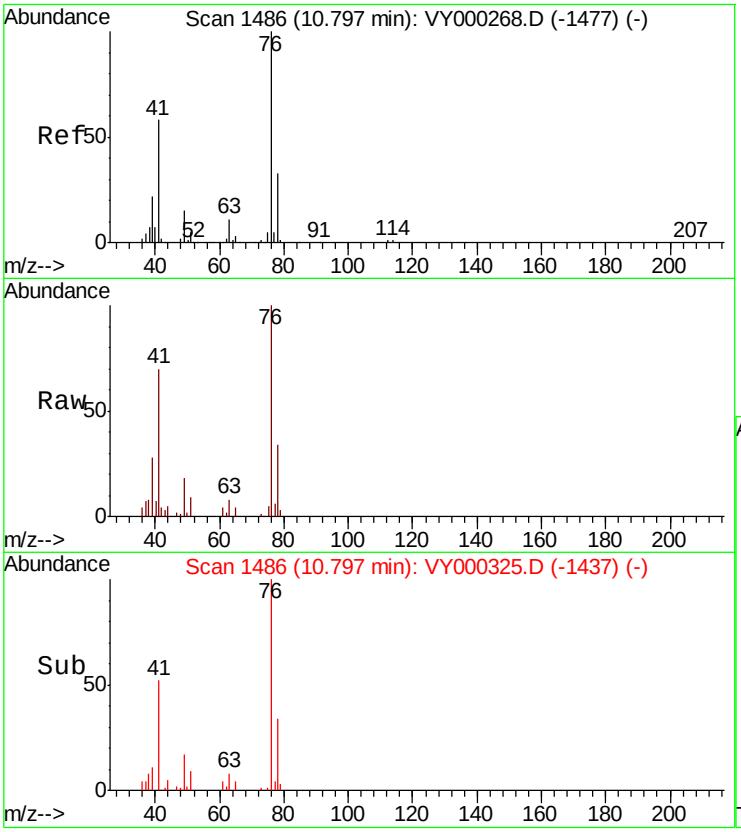




#56
Ethyl methacrylate
Concen: 2.491 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 69 Resp: 9417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.4 | 52.5 | 78.7 |
| 39 | 37.0 | 26.7 | 40.1 |



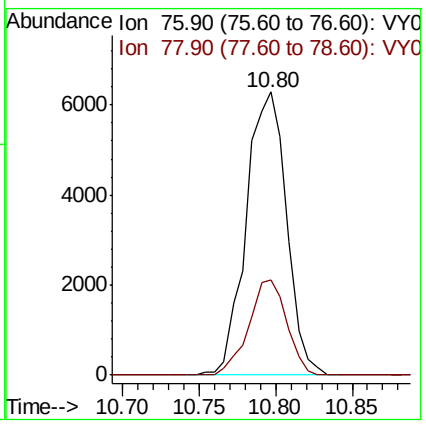


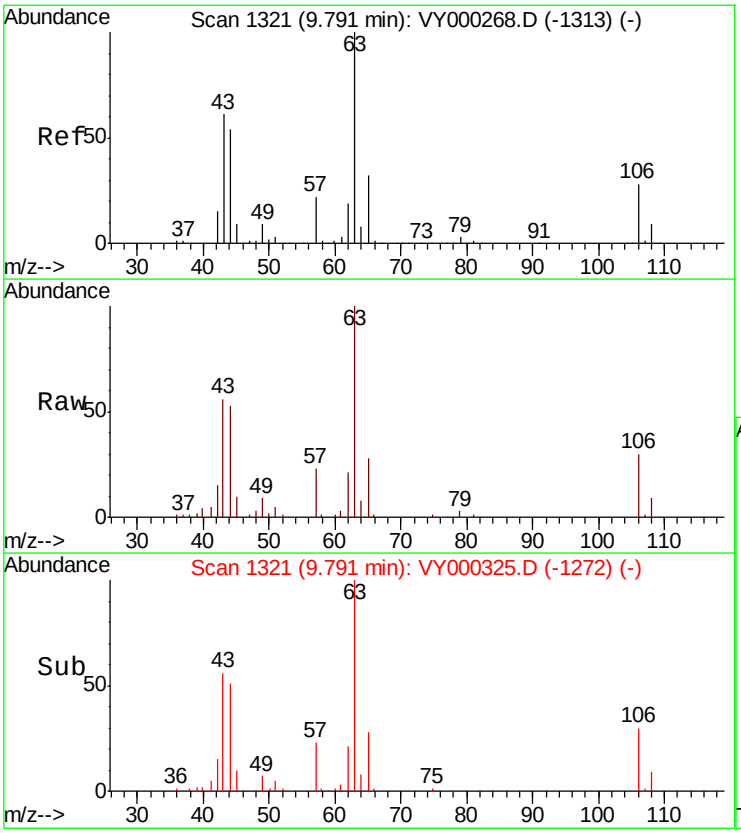

#57
1,3-Dichloropropane
Concen: 2.530 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 76 Resp: 11525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.6 | 26.2 | 39.2 |

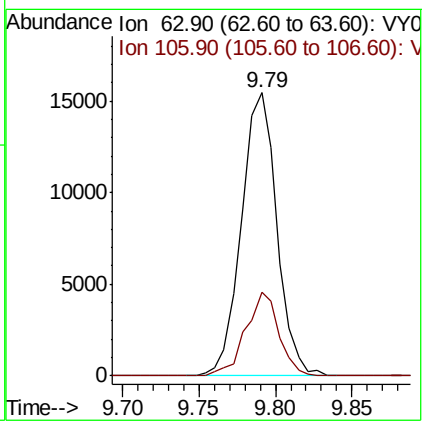


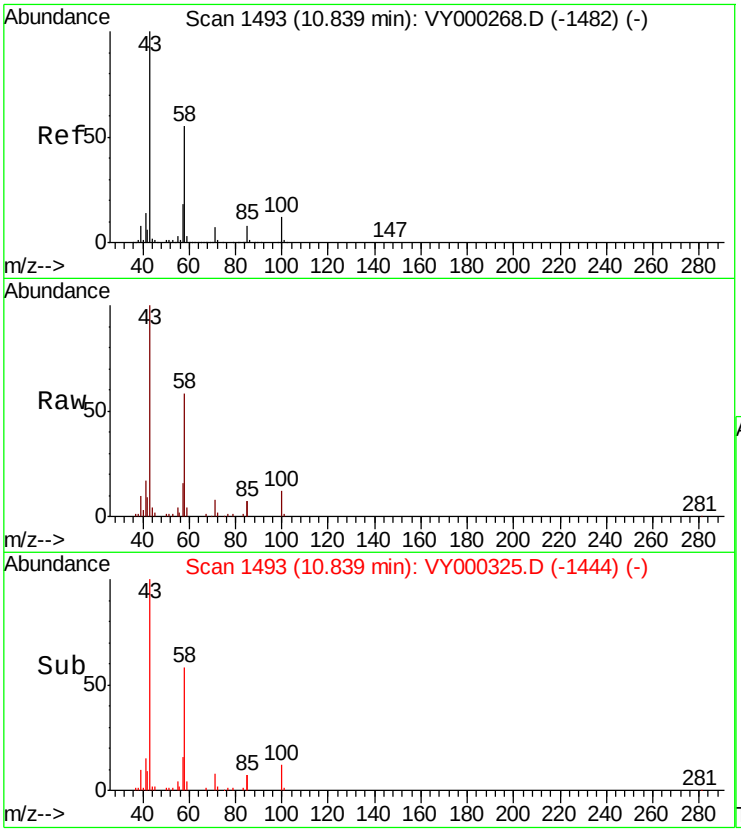




#58
2-Chloroethyl Vinyl ether
Concen: 16.509 ug/l
RT: 9.79 min Scan# 1321
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 63 Resp: 24895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.7 | 23.0 | 34.4 |



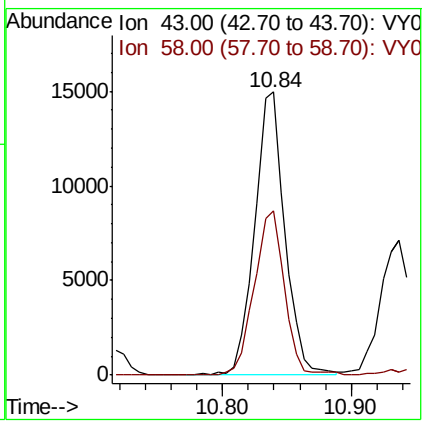


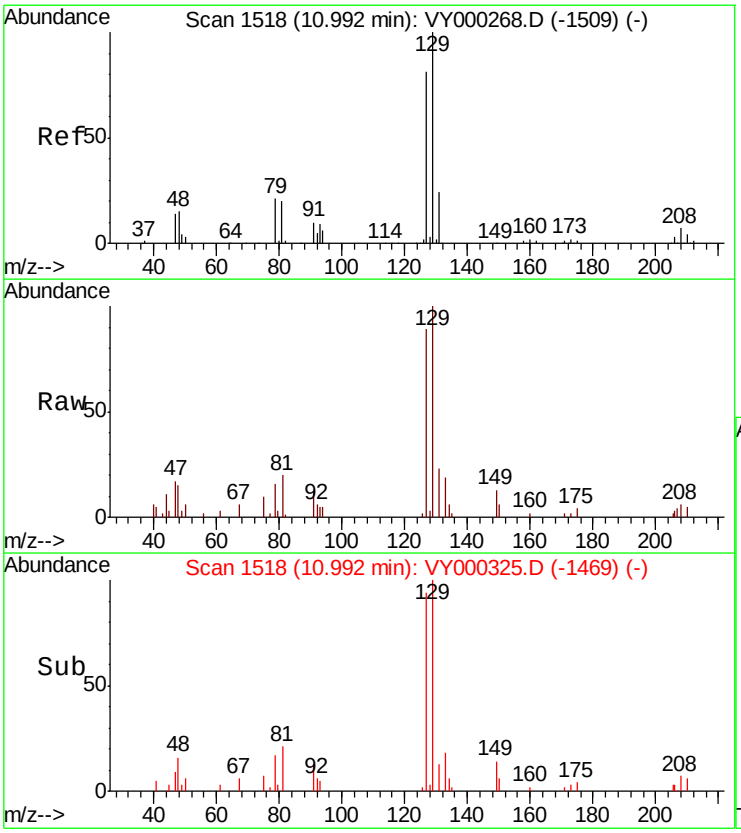

#59
2-Hexanone
Concen: 12.879 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 43 Resp: 24156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.0 | 27.7 | 83.1 |

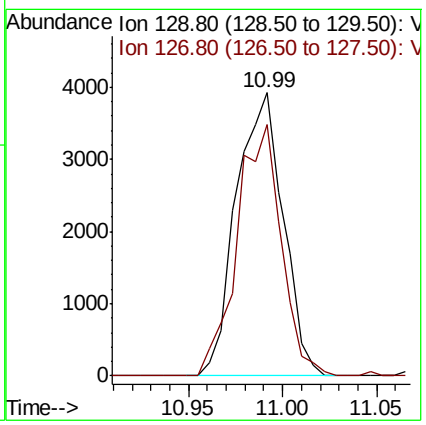


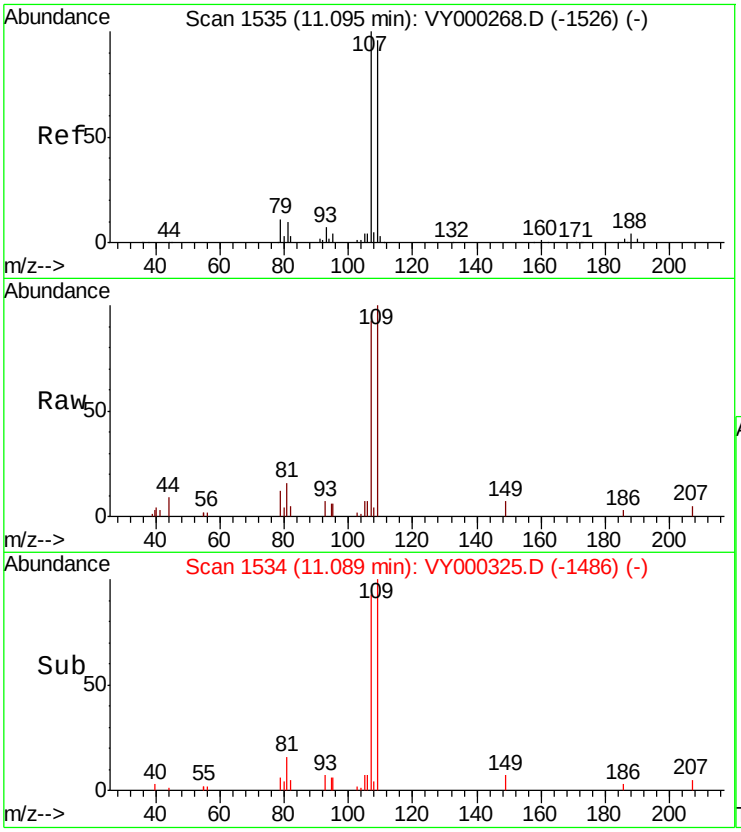




#60
Dibromochloromethane
Concen: 2.298 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:129 Resp: 6756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 83.8 | 39.9 | 119.7 |



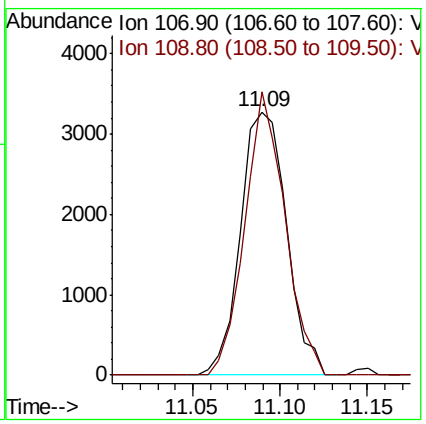


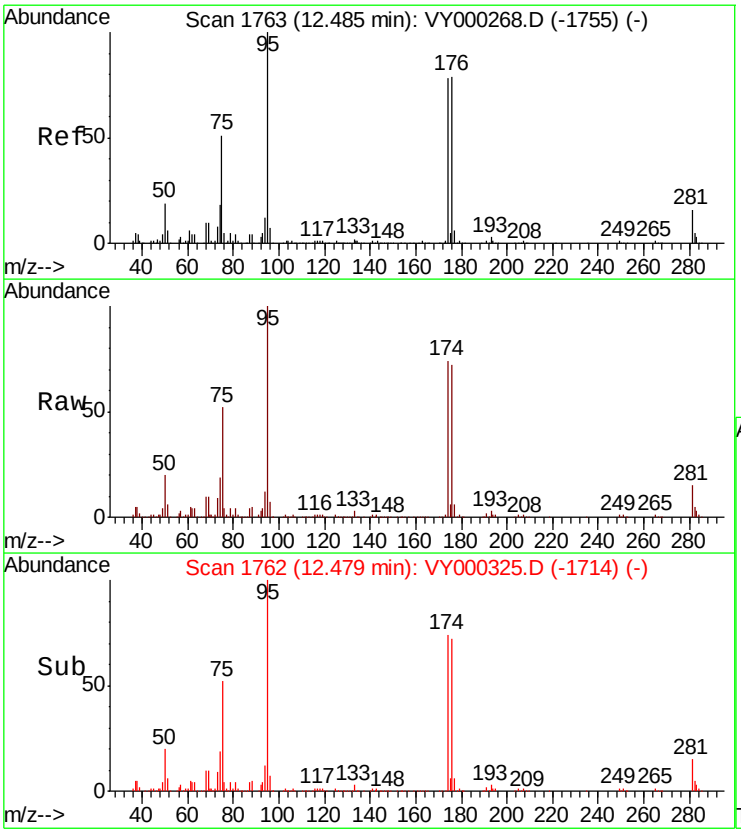

#61
1,2-Dibromoethane
Concen: 2.359 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:107 Resp: 6007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.3 | 75.1 | 112.7 |

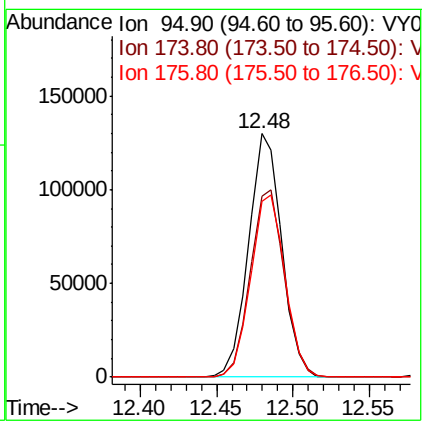


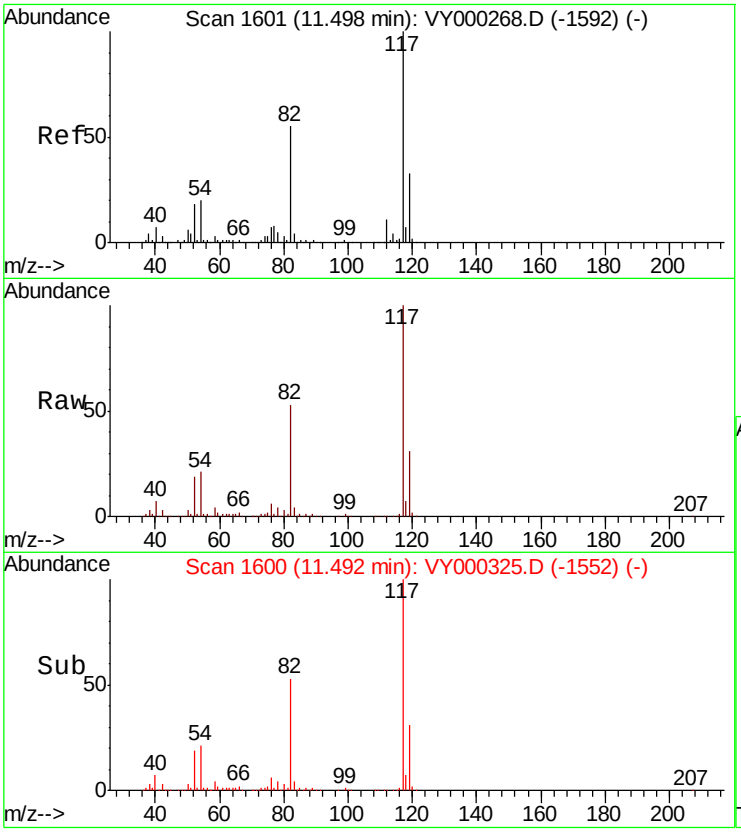




#62
4-Bromofluorobenzene
Concen: 47.261 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 95 Resp: 195811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.0 | 0.0 | 159.6 |
| 176 | 77.3 | 0.0 | 153.8 |



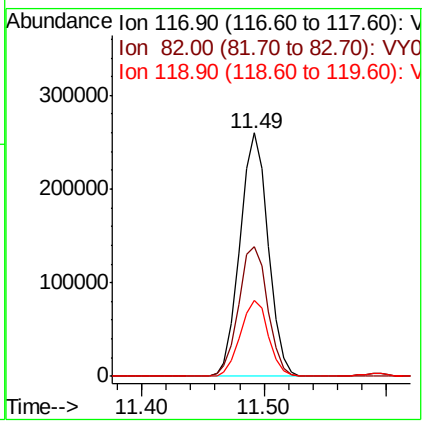


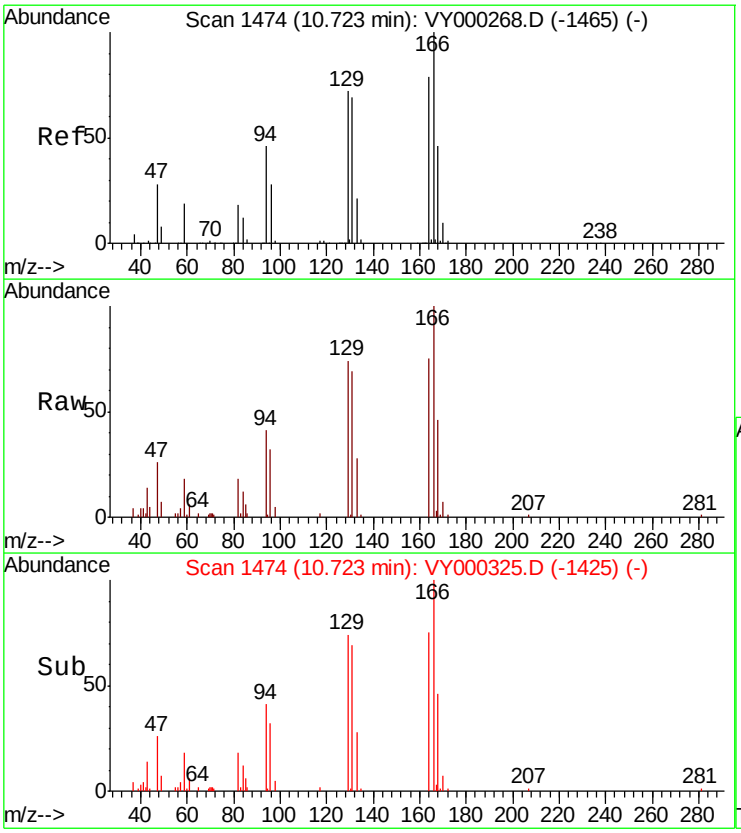

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:117 Resp: 415709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.2 | 43.7 | 65.5 |
| 119 | 31.3 | 26.6 | 39.8 |

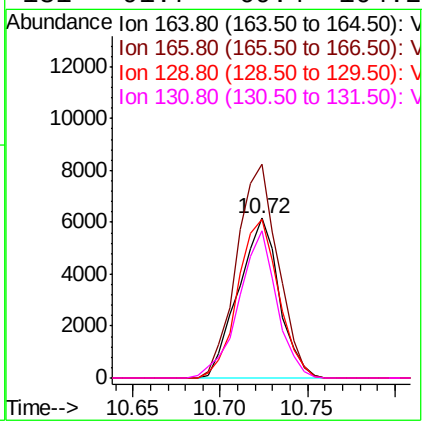


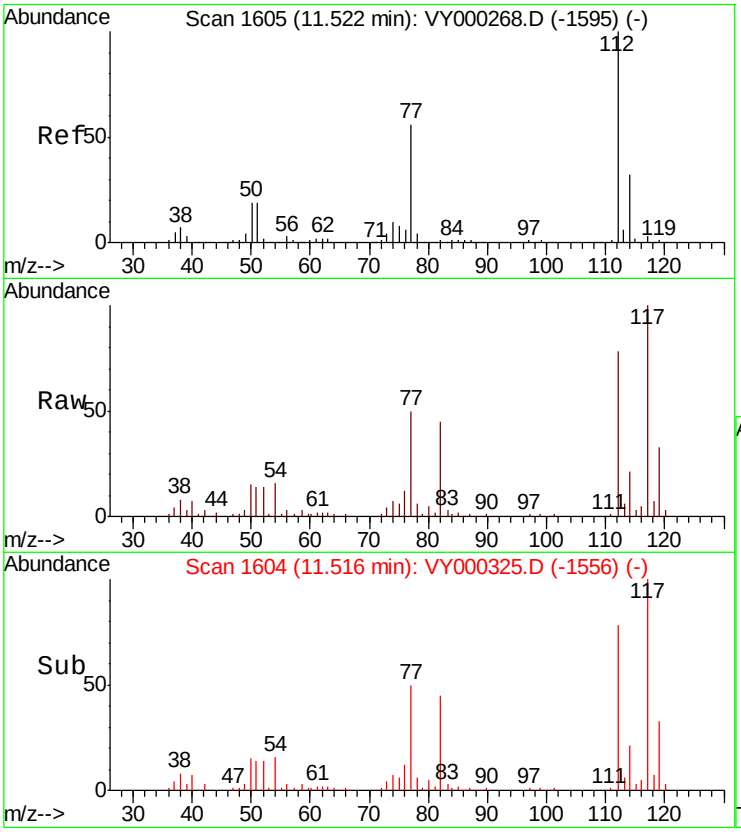




#64
Tetrachloroethene
Concen: 2.508 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:164 Resp: 9925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 133.6 | 100.6 | 151.0 |
| 129 | 99.2 | 72.8 | 109.2 |
| 131 | 91.7 | 69.4 | 104.2 |



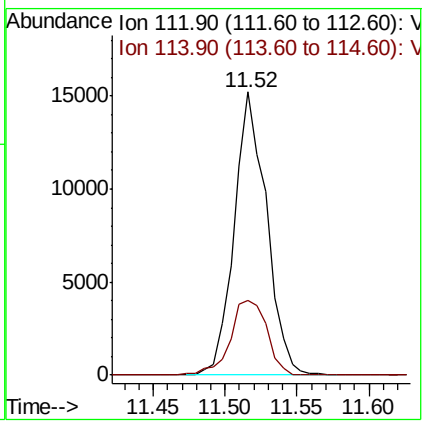


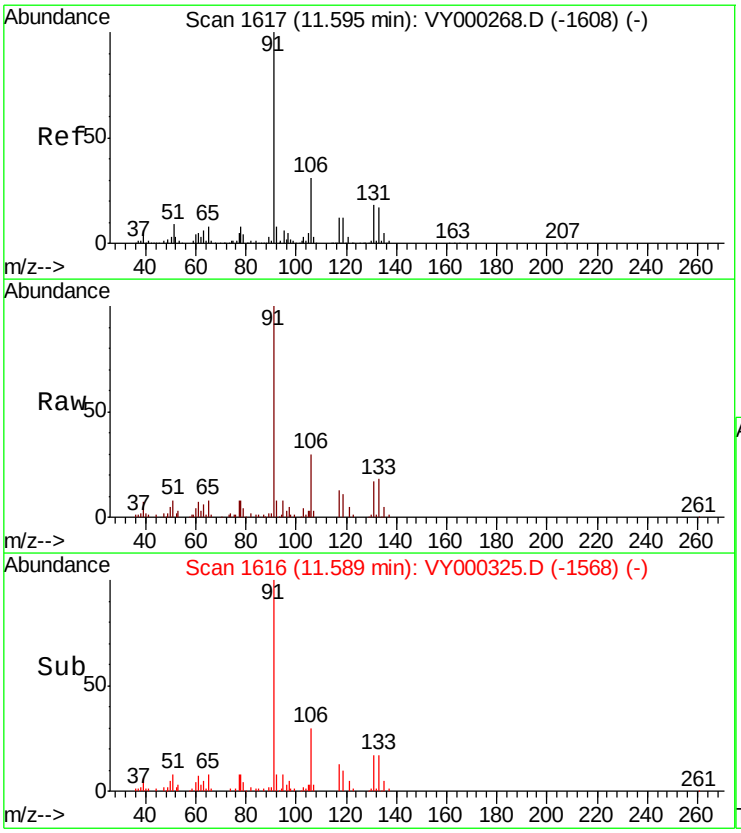

#65
Chlorobenzene
Concen: 2.700 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:112 Resp: 23685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 26.5 | 25.7 | 38.5 |

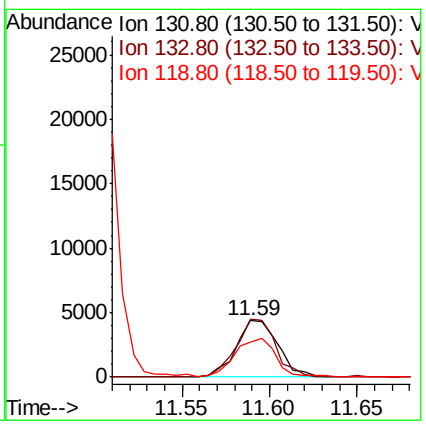


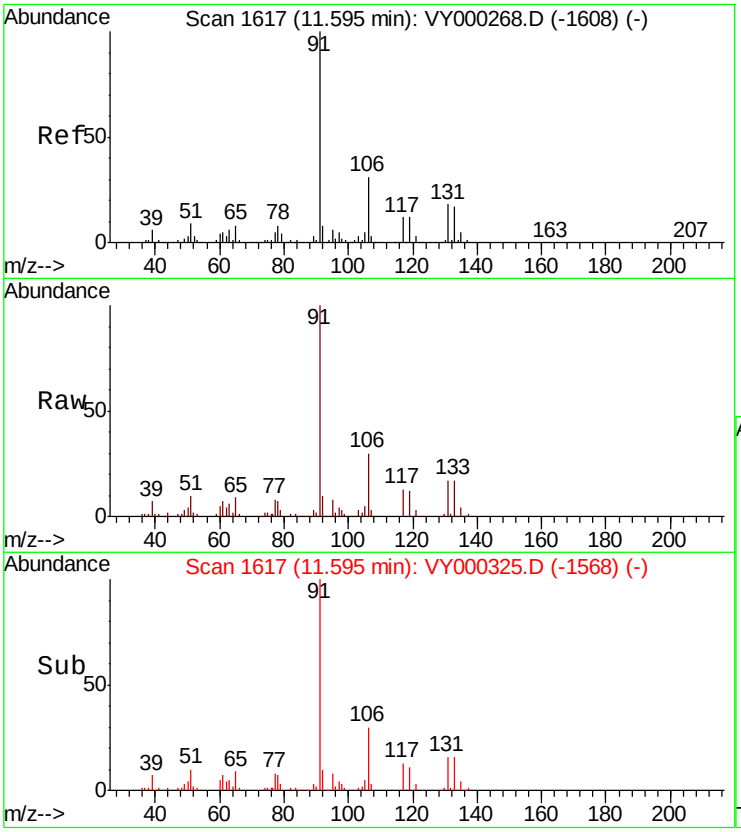




#66
1,1,1,2-Tetrachloroethane
Concen: 2.383 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:131 Resp: 7344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.5 | 47.2 | 141.6 |
| 119 | 67.3 | 32.6 | 98.0 |



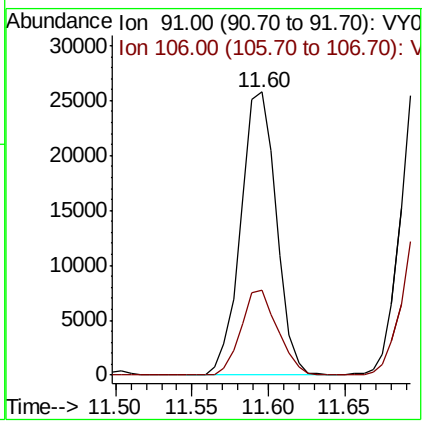


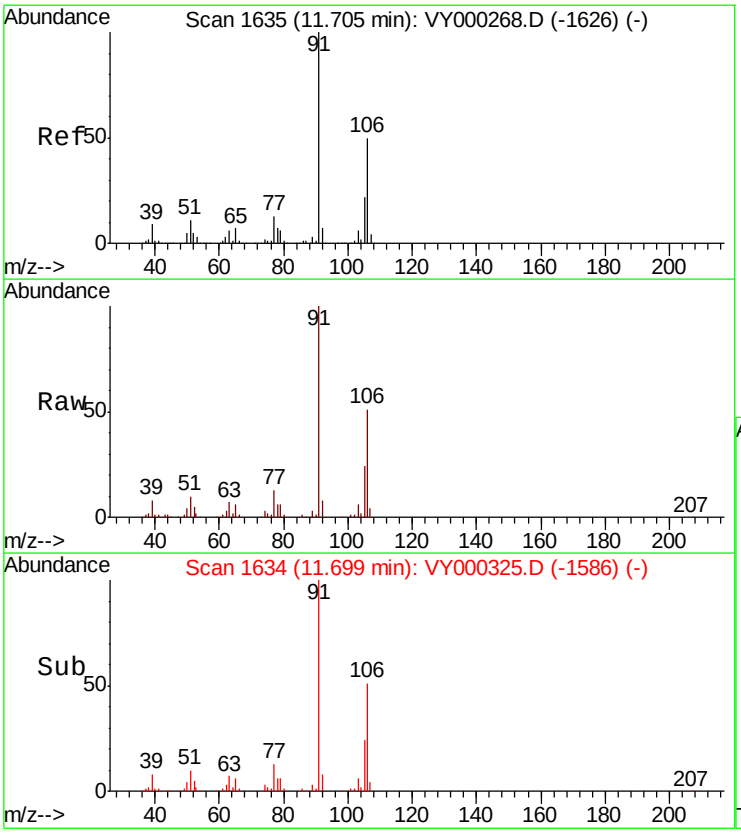

#67
Ethyl Benzene
Concen: 2.566 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 91 Resp: 41725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 25.0 | 37.6 |

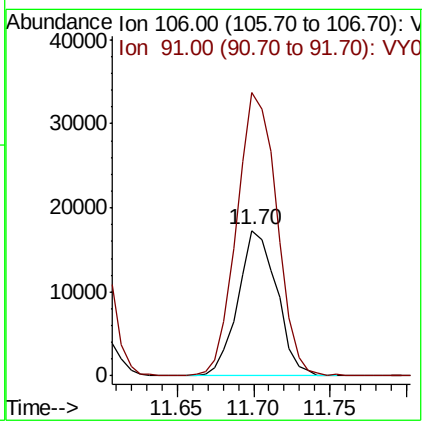


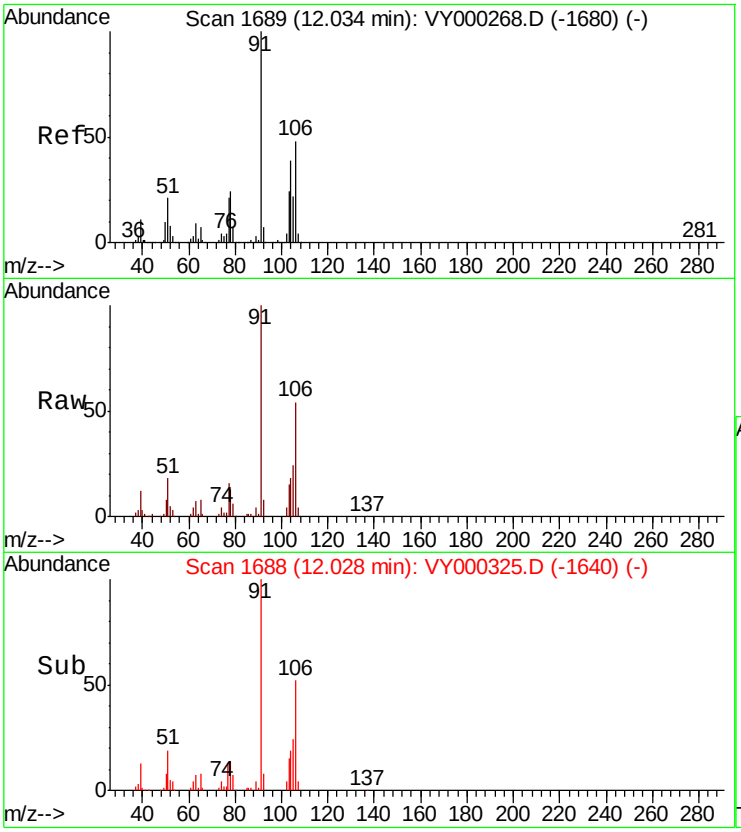




#68
m/p-Xylenes
Concen: 4.911 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:106 Resp: 30533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.9 | 157.5 | 236.3 |



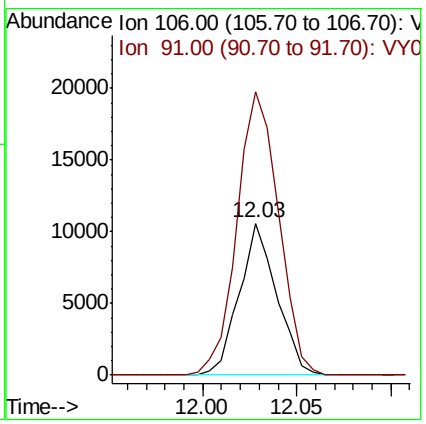


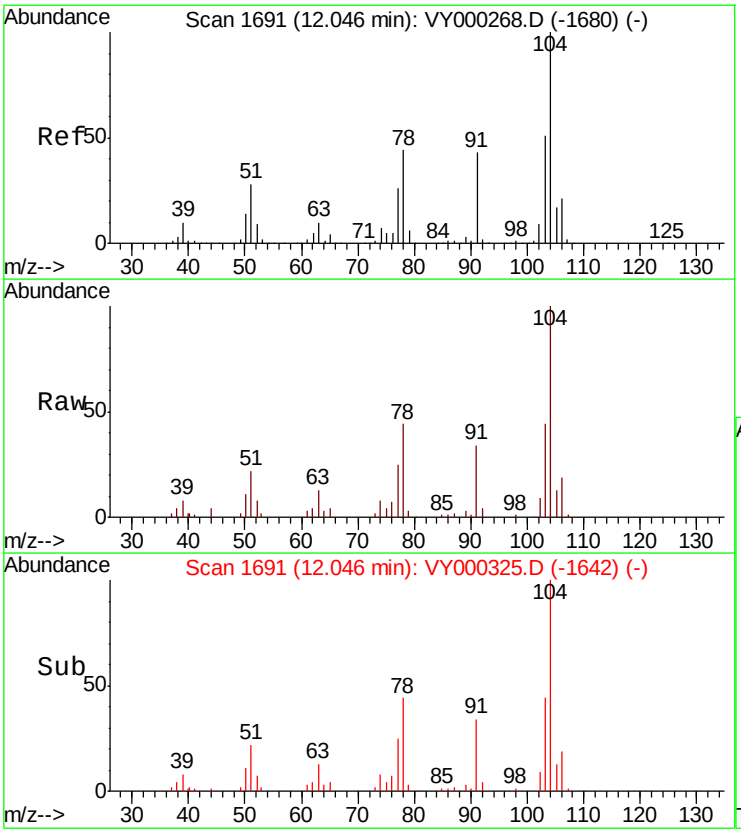

#69
o-Xylene
Concen: 2.467 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:106 Resp: 14633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.2 | 104.7 | 313.9 |

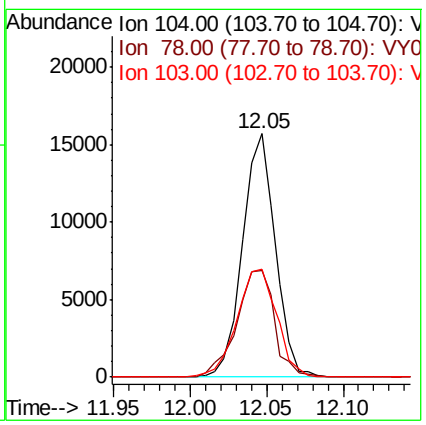


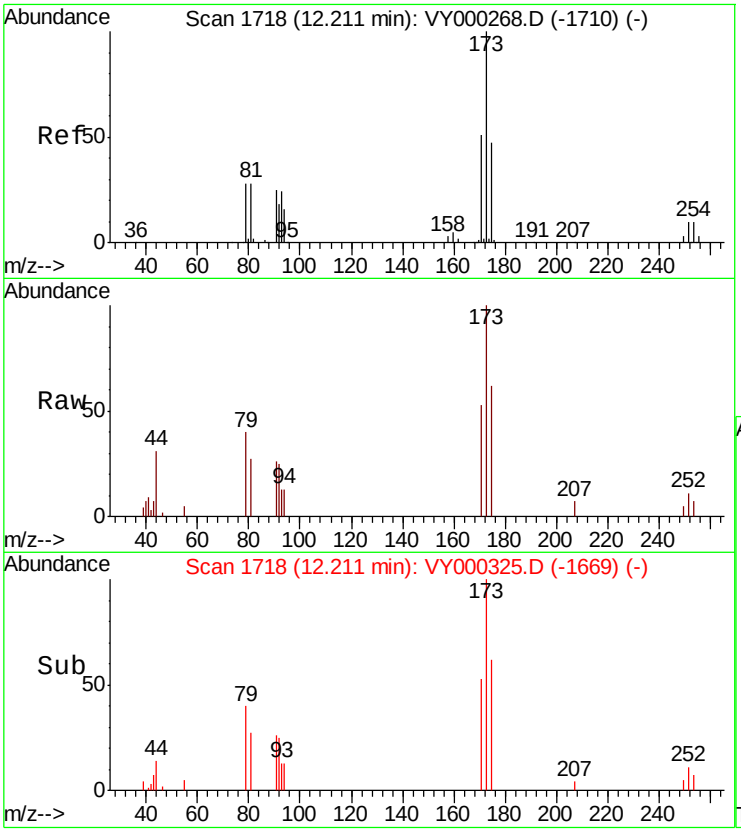




#70
Styrene
Concen: 2.337 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:104 Resp: 23375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 50.6 | 39.0 | 58.6 |
| 103 | 53.8 | 43.1 | 64.7 |



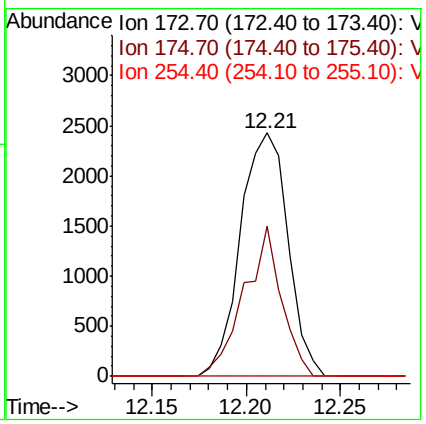


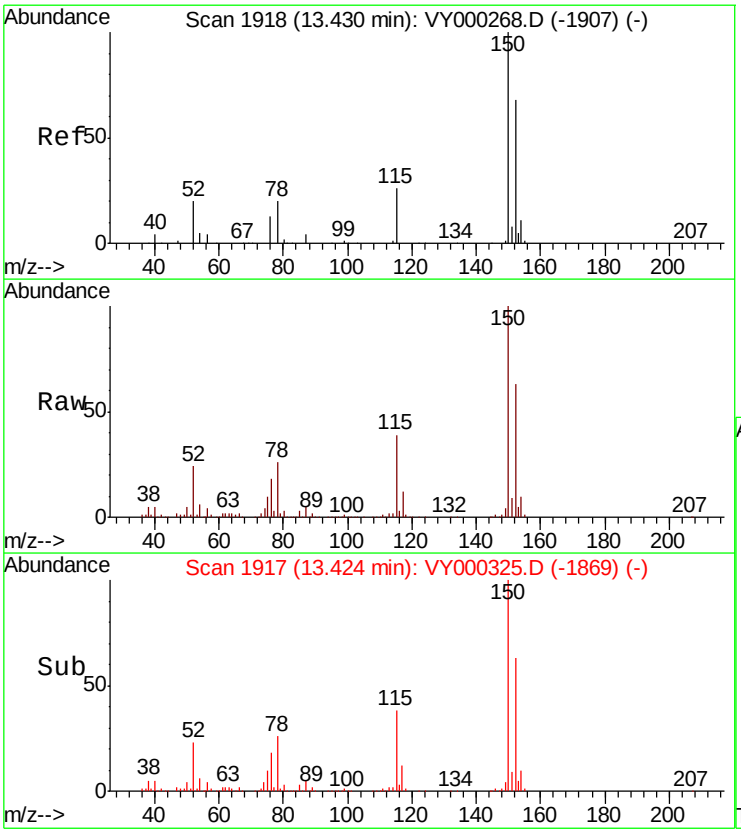

#71
Bromoform
Concen: 2.384 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:173 Resp: 4223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.9 | 24.6 | 73.6 |
| 254 | 0.0 | 0.1 | 0.1# |

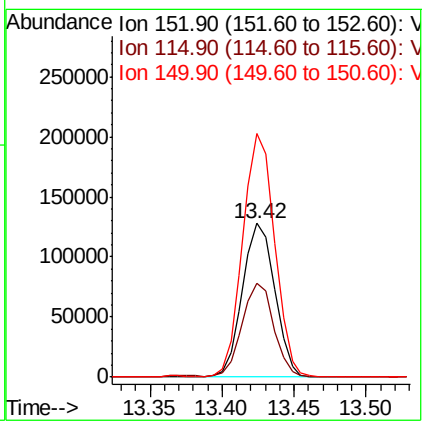


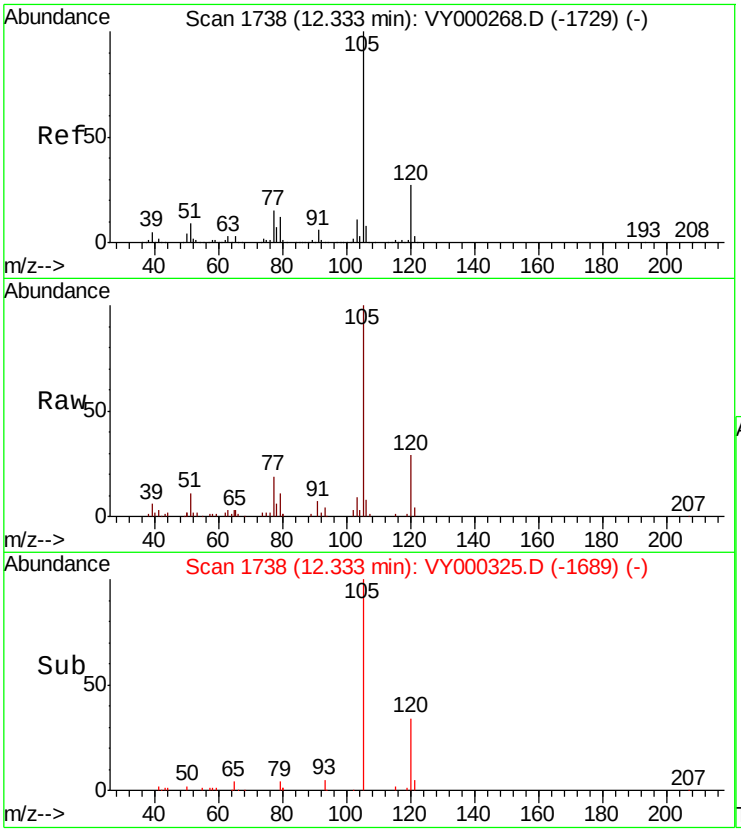




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:152 Resp: 199050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.2 | 29.3 | 88.0 |
| 150 | 156.5 | 0.0 | 348.4 |



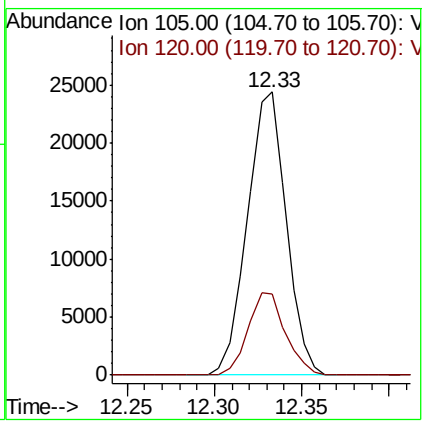


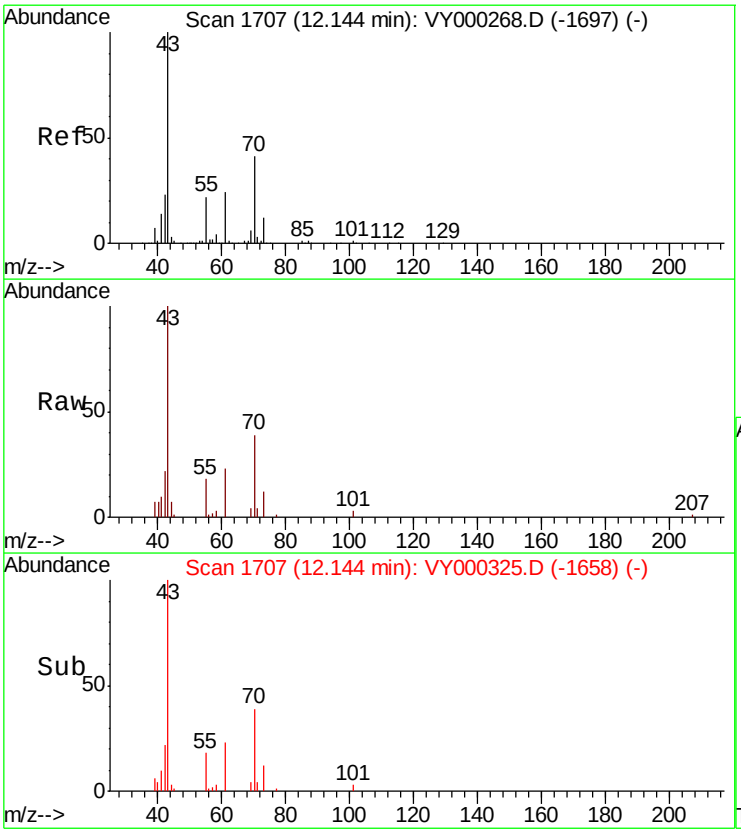

#73
Isopropylbenzene
Concen: 2.429 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:105 Resp: 37700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.1 | 13.4 | 40.2 |

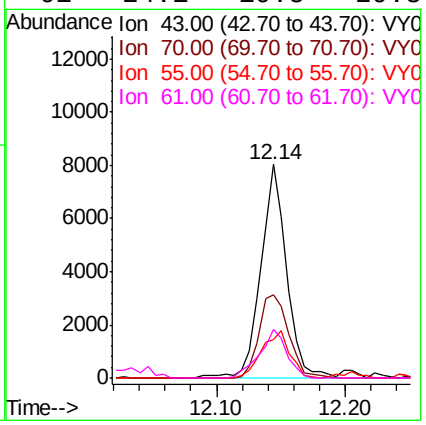


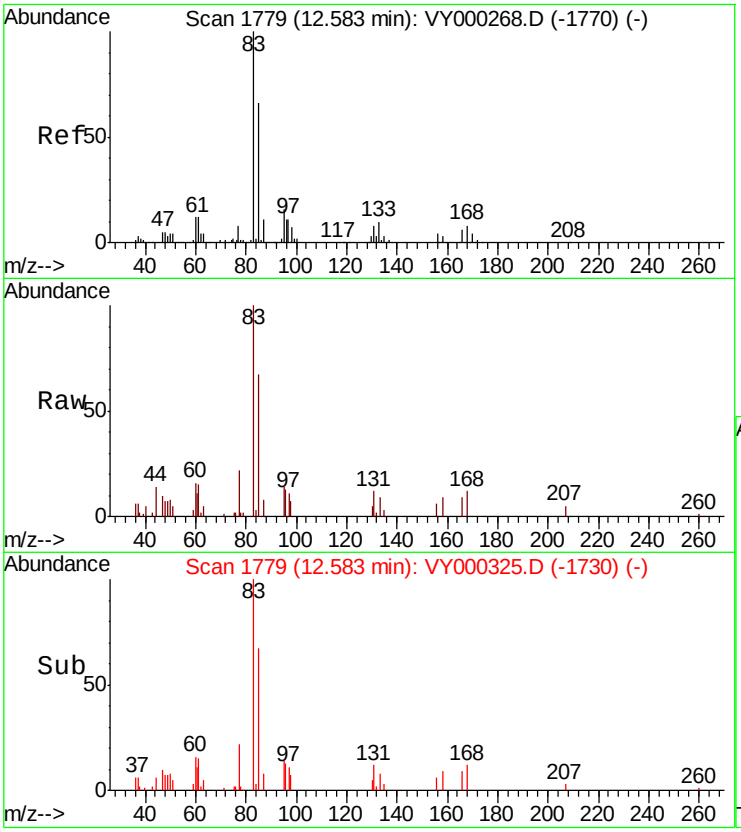




#74
N-amyl acetate
Concen: 2.918 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 43 Resp: 11120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.8 | 32.9 | 49.3 |
| 55 | 24.2 | 17.8 | 26.6 |
| 61 | 24.1 | 19.5 | 29.3 |



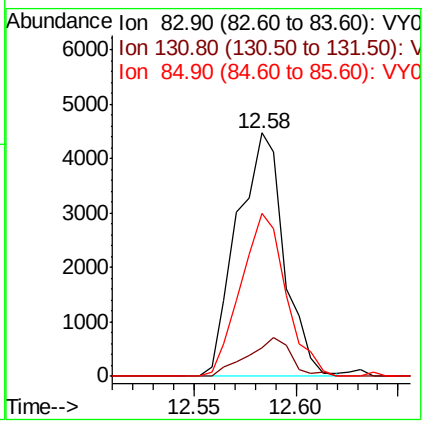


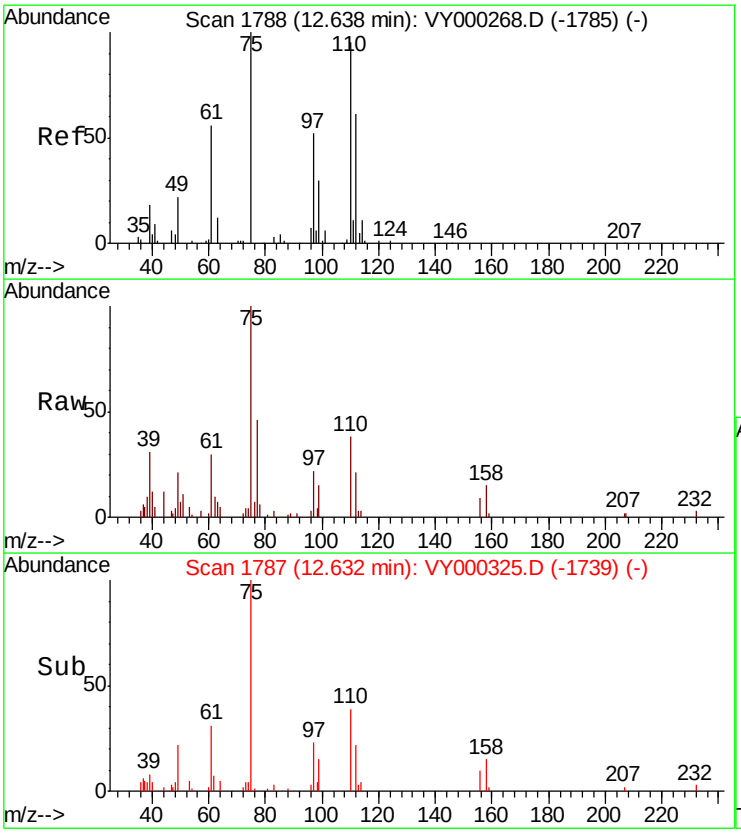

#75
1,1,2,2-Tetrachloroethane
Concen: 2.463 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 83 Resp: 7176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 14.7 | 5.3 | 16.1 |
| 85 | 64.6 | 32.9 | 98.7 |

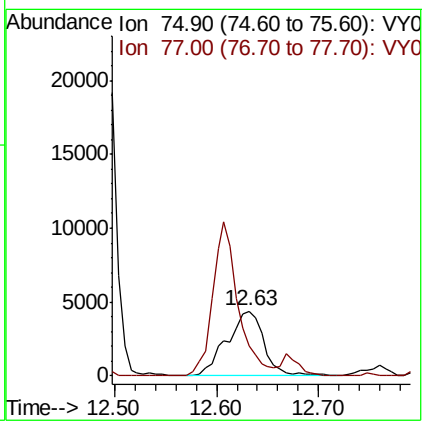


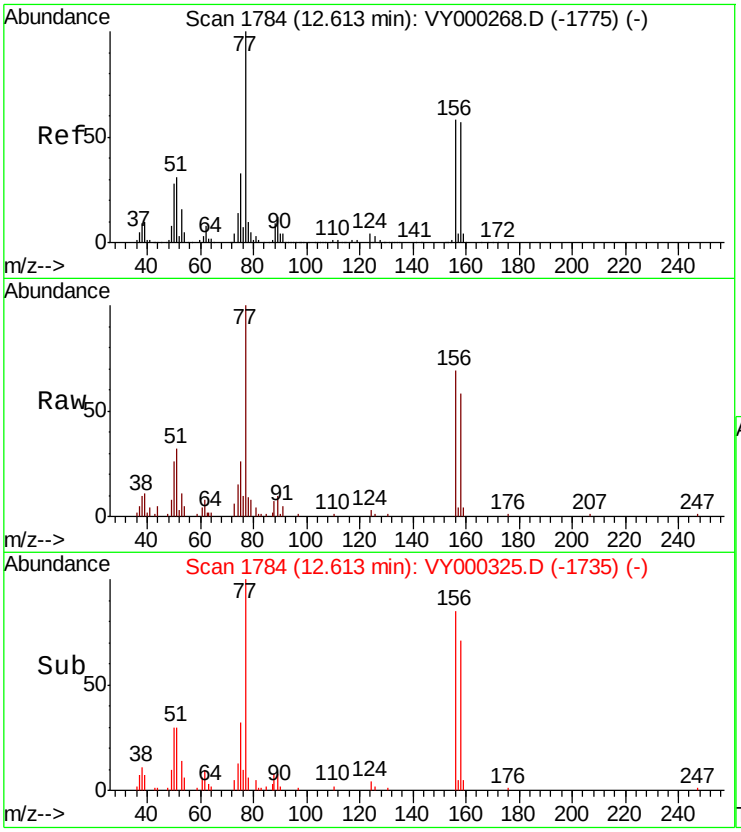




#76
1,2,3-Trichloropropane
Concen: 4.546 ug/l
RT: 12.63 min Scan# 1787
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 75 Resp: 11128

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



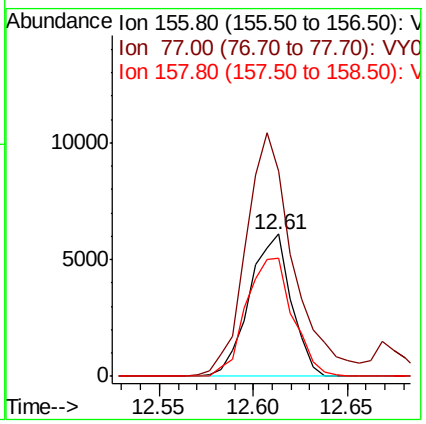


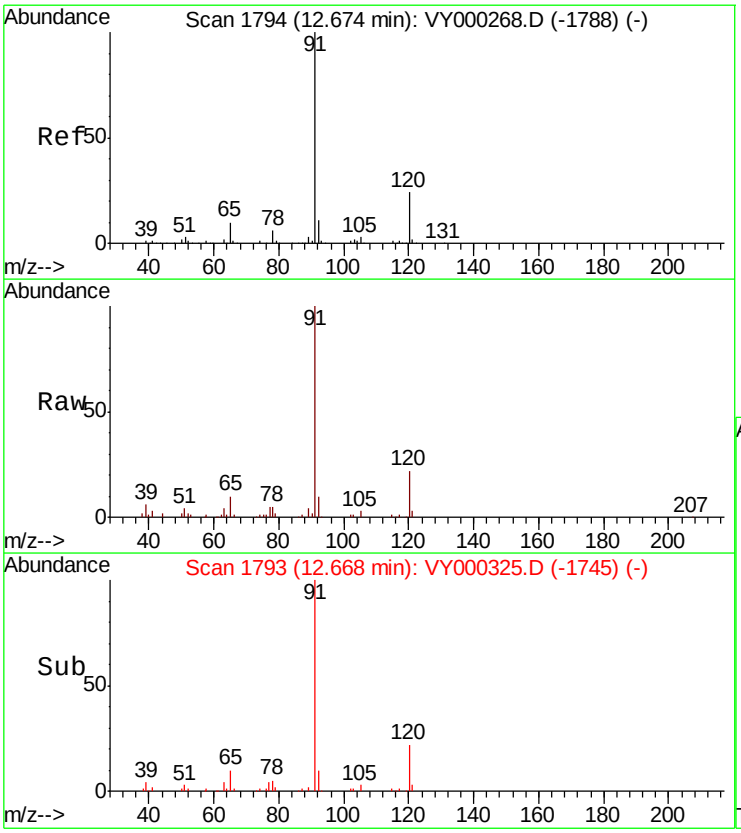

#77
Bromobenzene
Concen: 2.709 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:156 Resp: 9357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 195.8 | 101.0 | 302.9 |
| 158 | 92.8 | 49.7 | 149.1 |

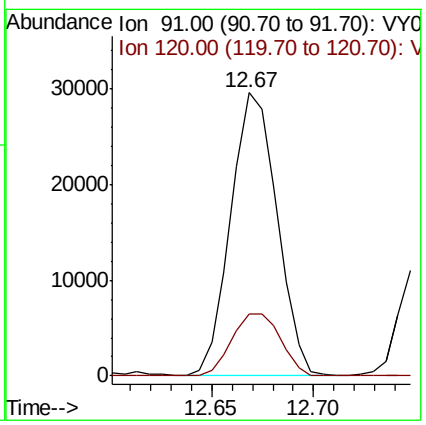


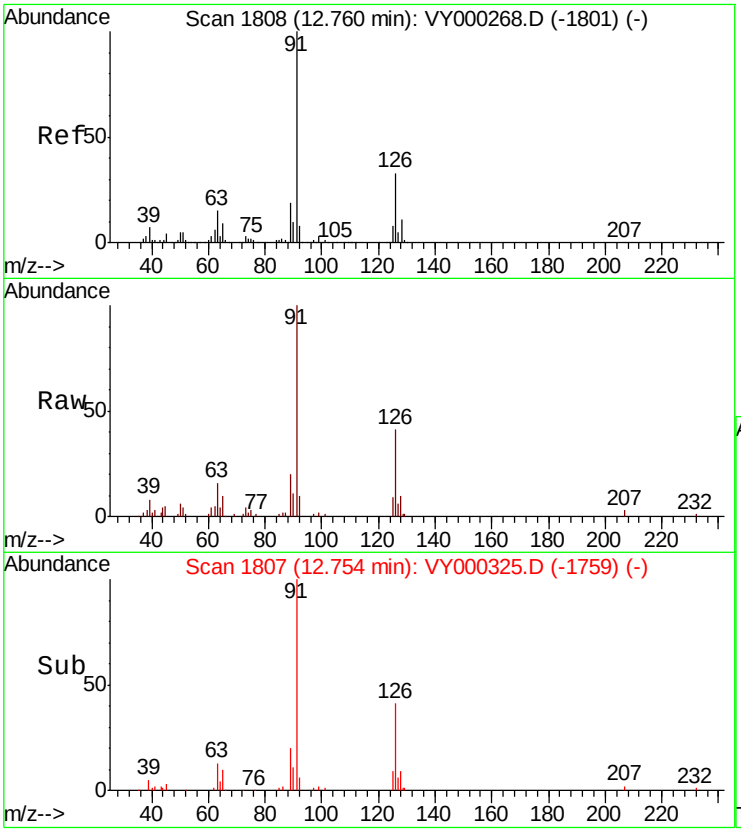




#78
n-propylbenzene
Concen: 2.510 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 91 Resp: 46781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.5 | 34.5 |



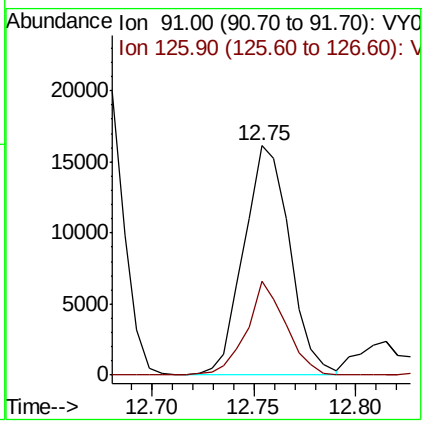


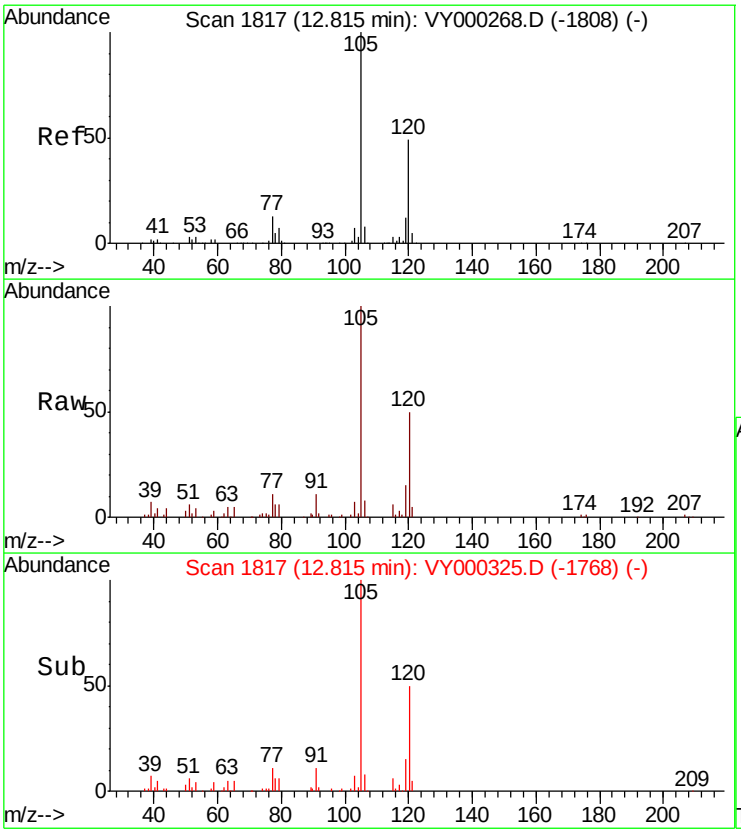

#79
2-Chlorotoluene
Concen: 2.468 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 91 Resp: 25395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.8 | 17.1 | 51.3 |

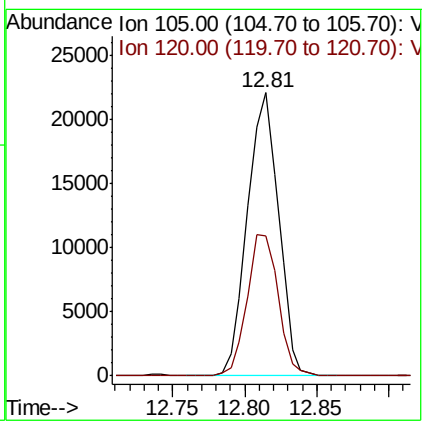


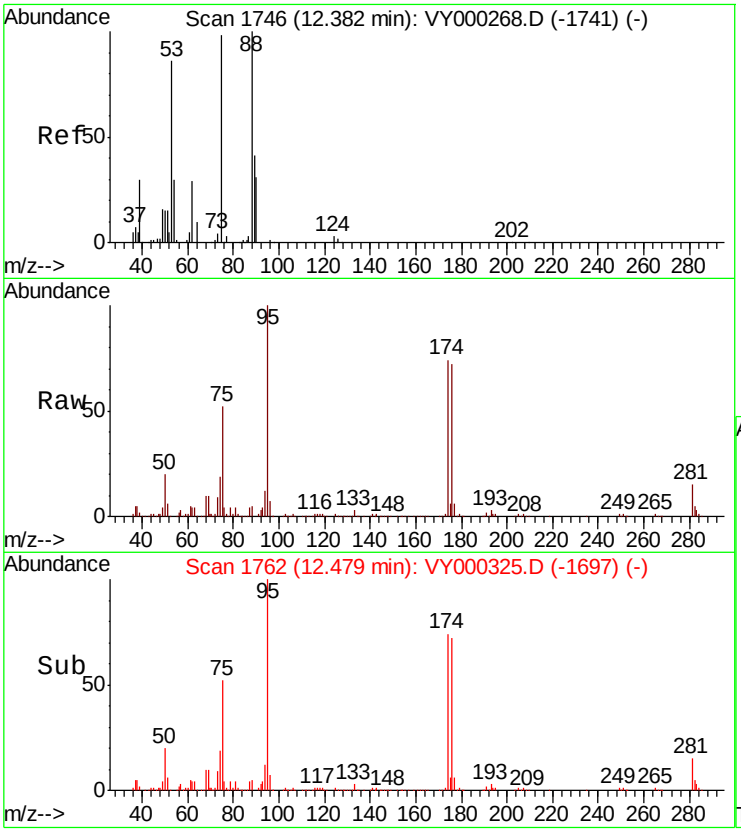




#80
1,3,5-Trimethylbenzene
Concen: 2.535 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:105 Resp: 32996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.7 | 24.9 | 74.8 |



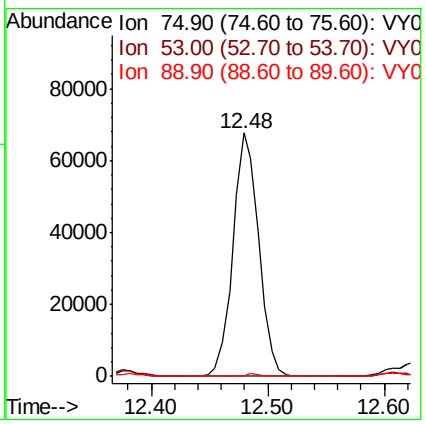


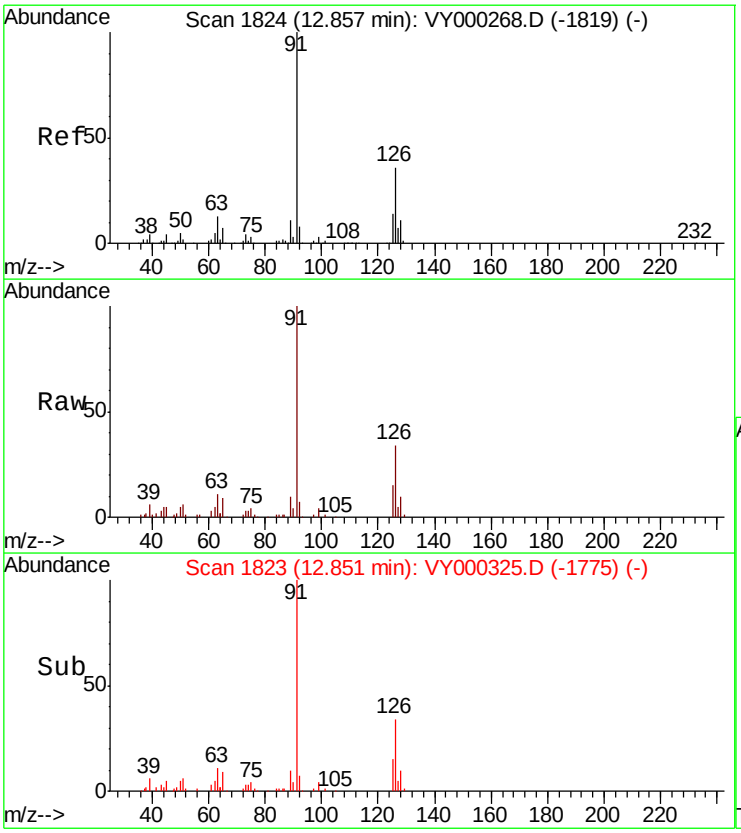

#81
trans-1,4-Dichloro-2-butene
Concen: 93.066 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 75 Resp: 104111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 71.3 | 106.9# |
| 89 | 0.7 | 35.1 | 52.7# |

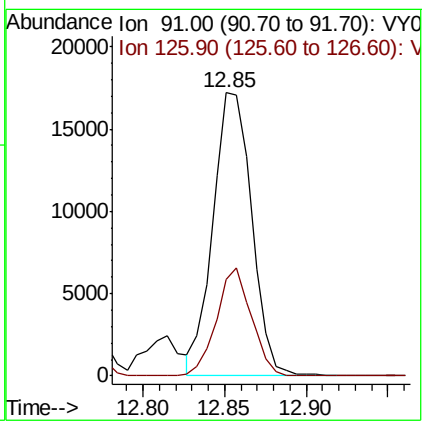


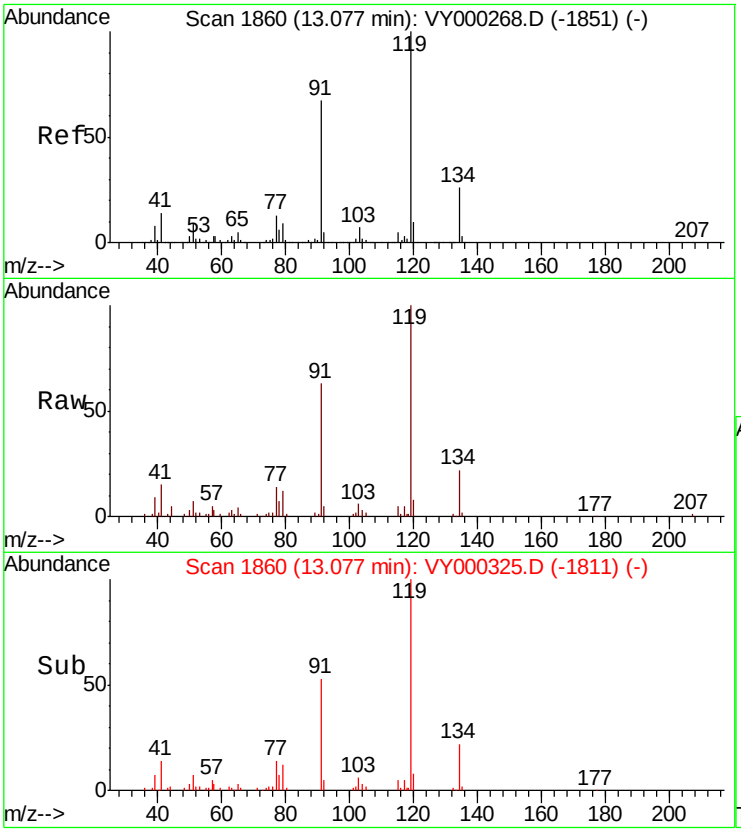




#82
4-Chlorotoluene
Concen: 2.625 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 91 Resp: 28557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.0 | 17.2 | 51.5 |



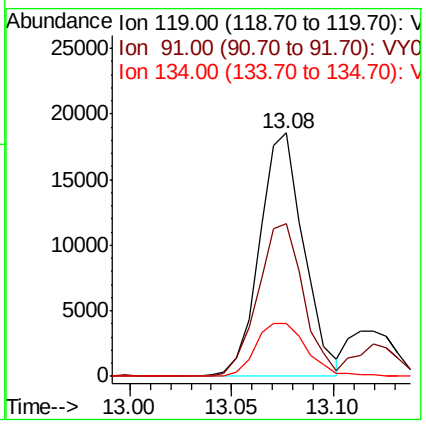


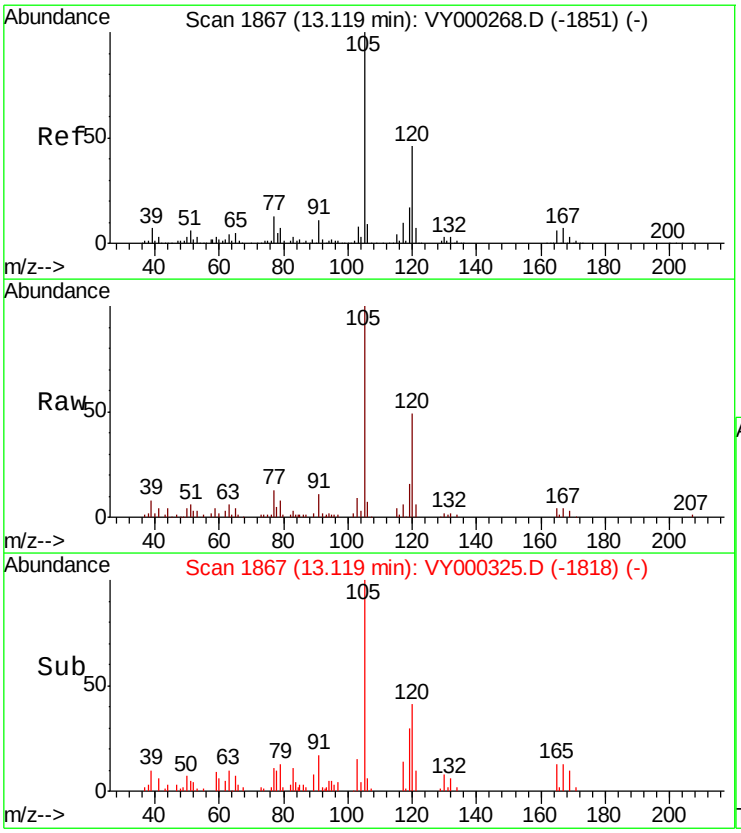

#83
tert-Butylbenzene
Concen: 2.544 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:119 Resp: 28034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.8 | 32.9 | 98.7 |
| 134 | 25.3 | 13.3 | 39.8 |

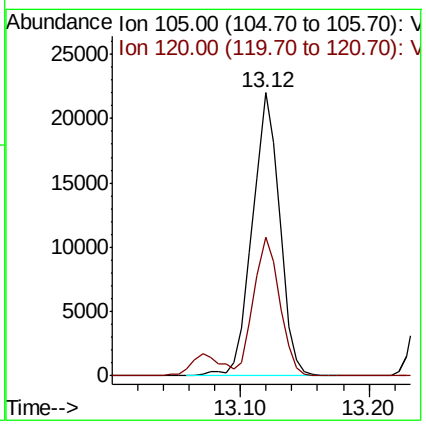


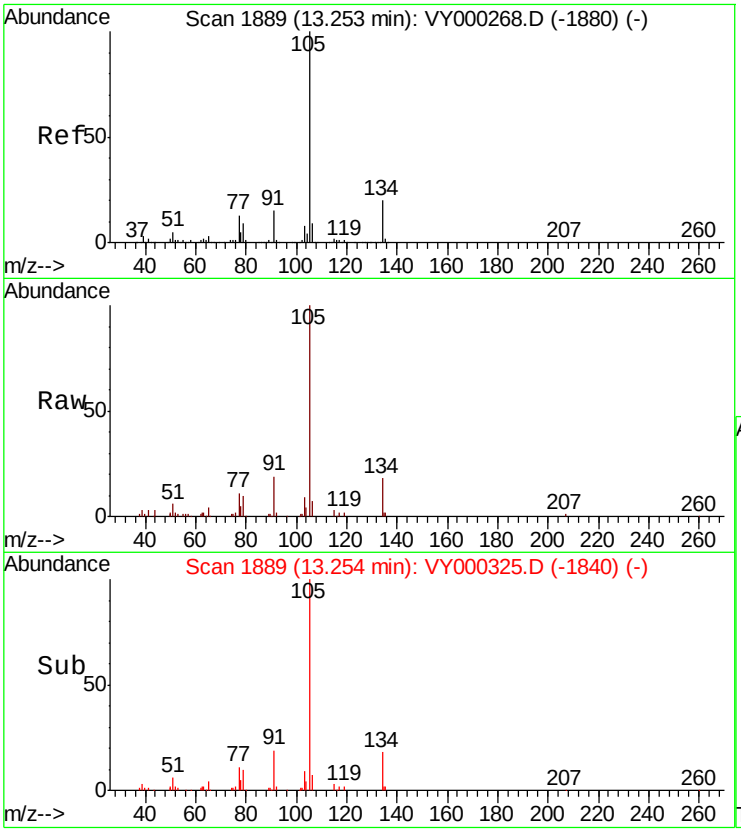




#84
1,2,4-Trimethylbenzene
Concen: 2.493 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:105 Resp: 32022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.6 | 22.9 | 68.8 |



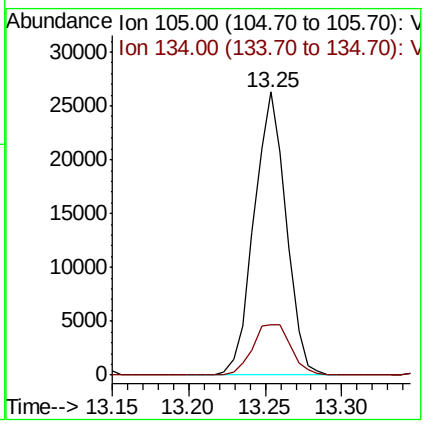


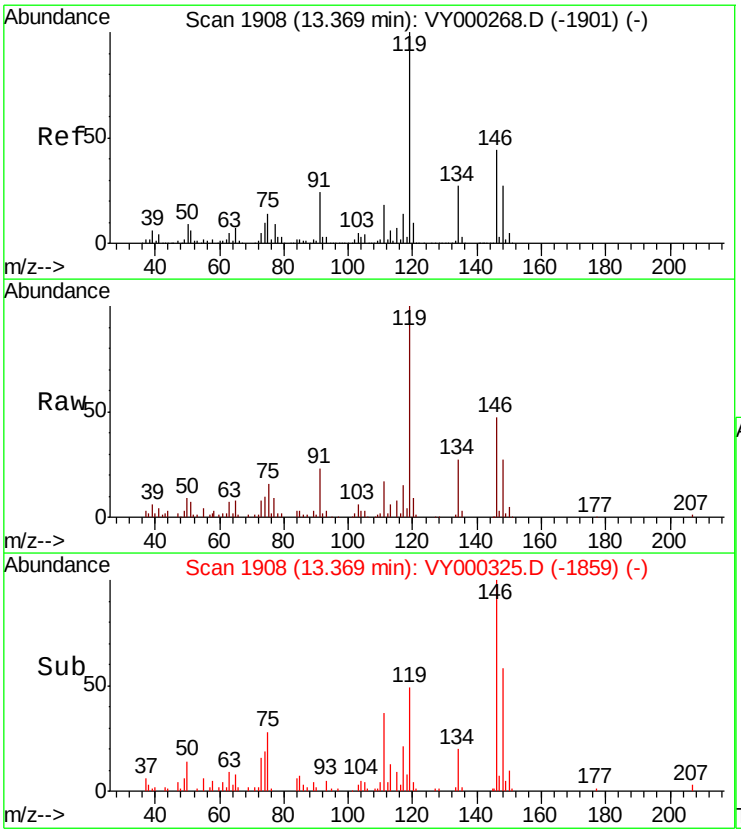

#85
sec-Butylbenzene
Concen: 2.411 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:105 Resp: 38445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.4 | 10.1 | 30.1 |

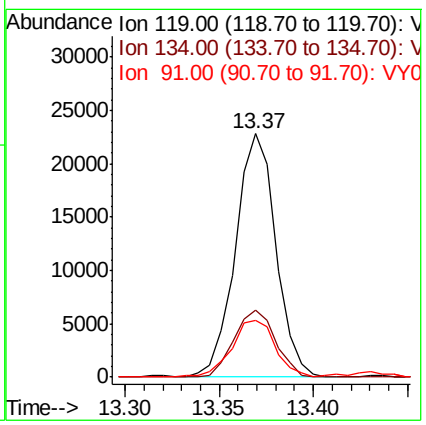


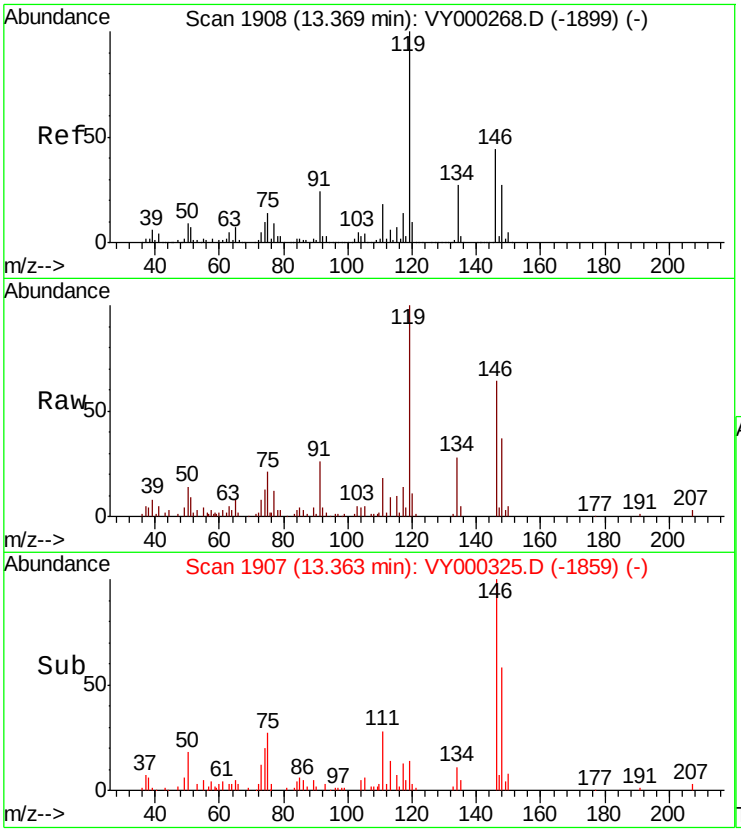




#86
p-Isopropyltoluene
Concen: 2.441 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:119 Resp: 33923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.0 | 13.6 | 40.8 |
| 91 | 25.3 | 12.0 | 36.1 |



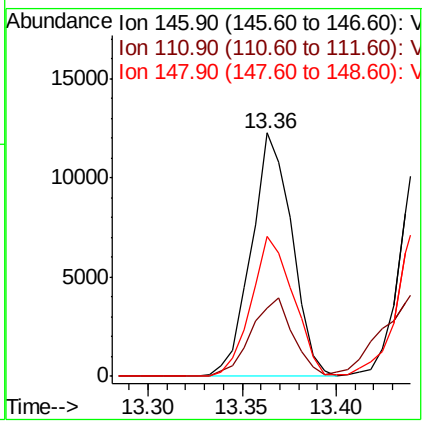


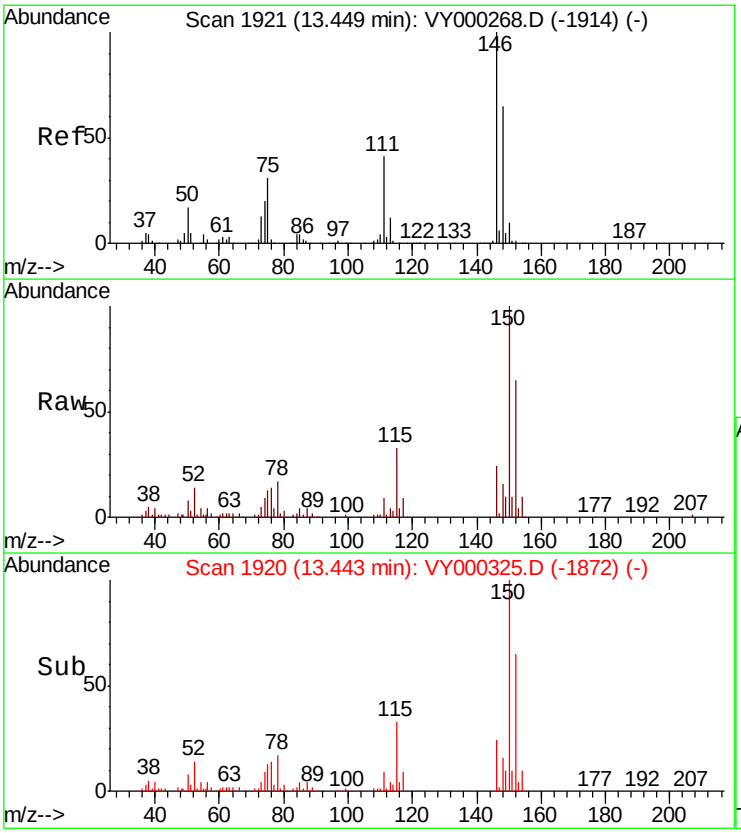

#87
1,3-Dichlorobenzene
Concen: 2.690 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:146 Resp: 18302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 33.2 | 20.6 | 61.8 |
| 148 | 59.8 | 31.9 | 95.5 |

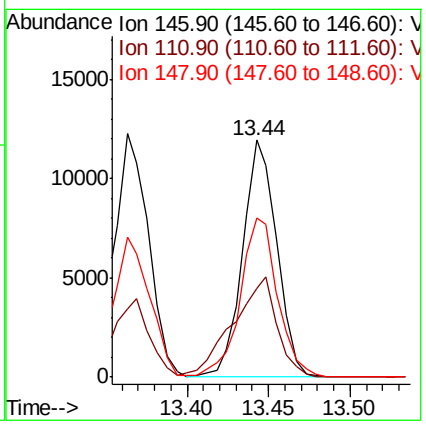


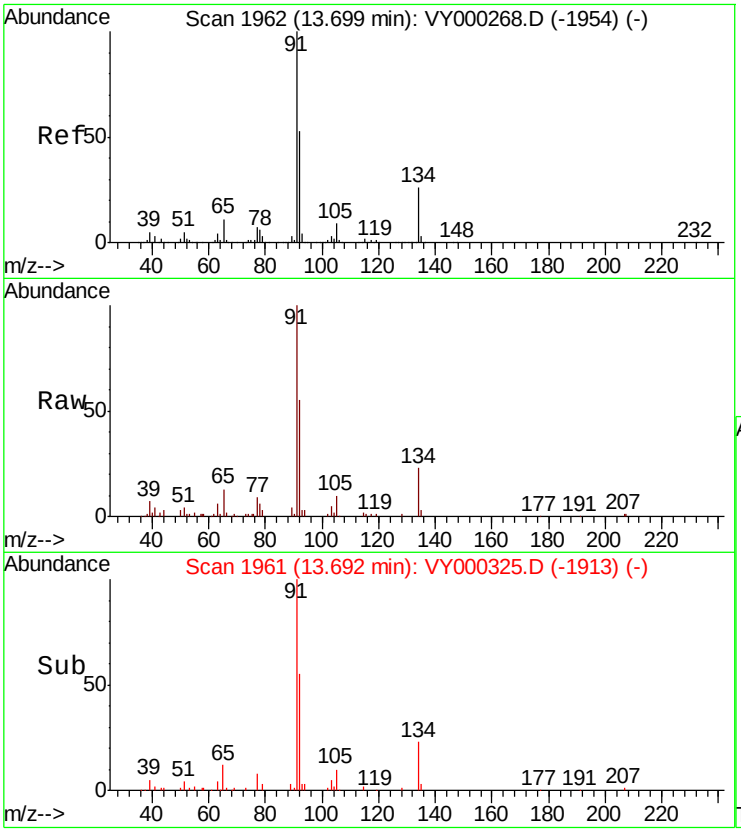




#88
1,4-Dichlorobenzene
Concen: 2.555 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:146 Resp: 17375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 55.1 | 20.1 | 60.2 |
| 148 | 73.8 | 32.4 | 97.2 |



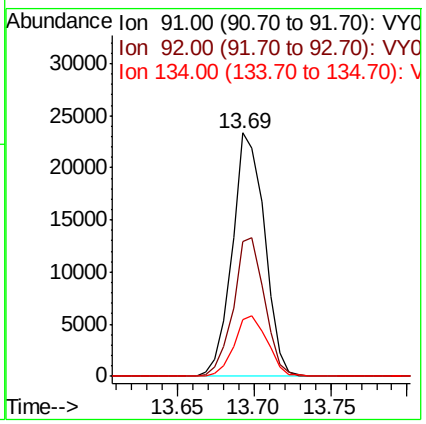


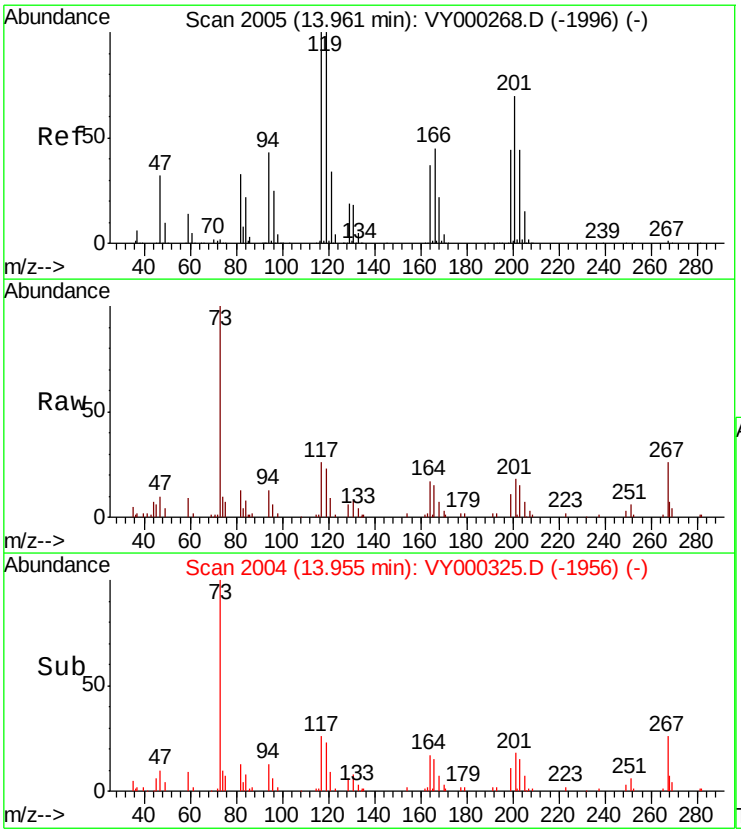

#89
n-Butylbenzene
Concen: 2.489 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion: 91 Resp: 34186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.9 | 26.7 | 80.1 |
| 134 | 25.4 | 13.0 | 38.9 |

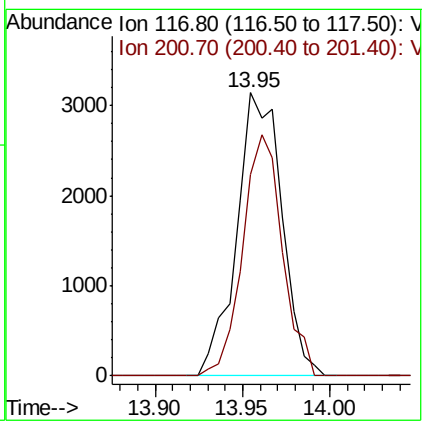


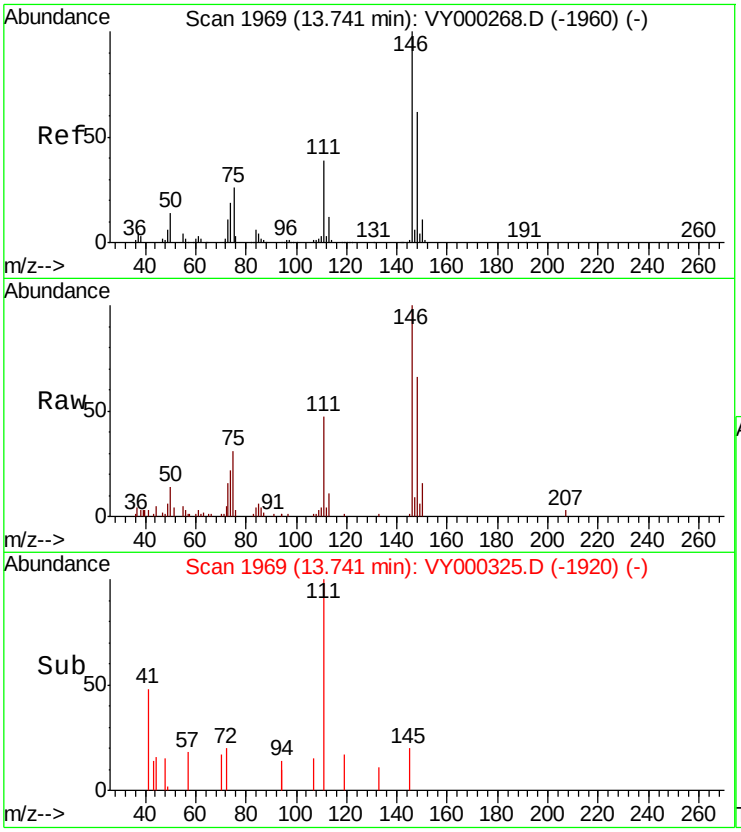




#90
Hexachloroethane
Concen: 2.189 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:117 Resp: 5633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 74.7 | 36.3 | 108.7 |



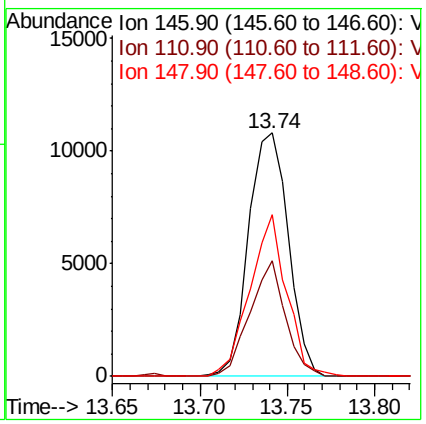


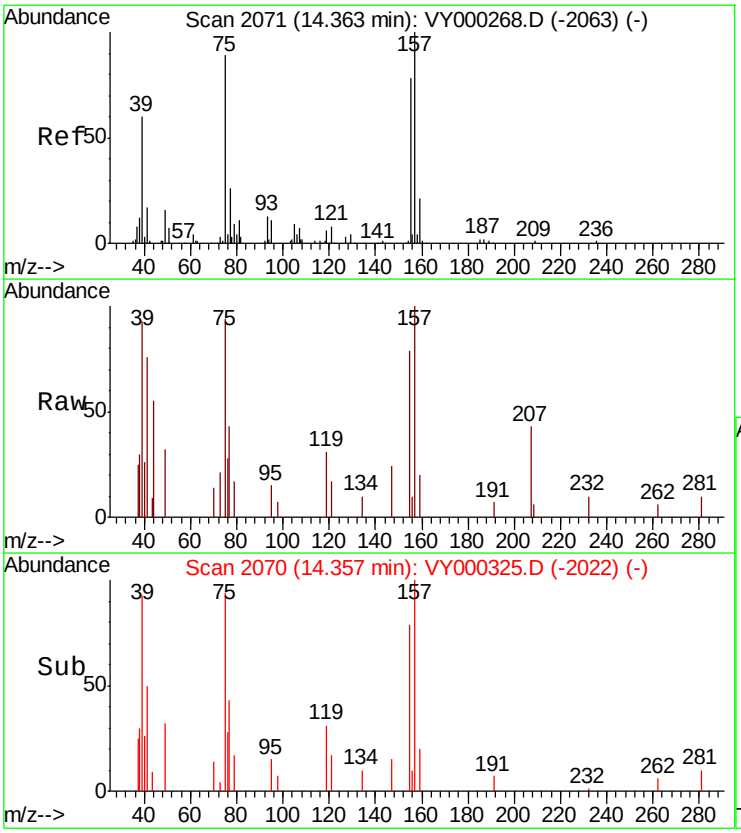

#91
1,2-Dichlorobenzene
Concen: 2.774 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:146 Resp: 17083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.8 | 20.5 | 61.5 |
| 148 | 61.6 | 31.6 | 95.0 |

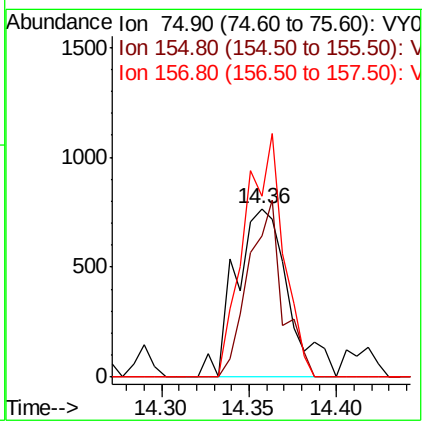


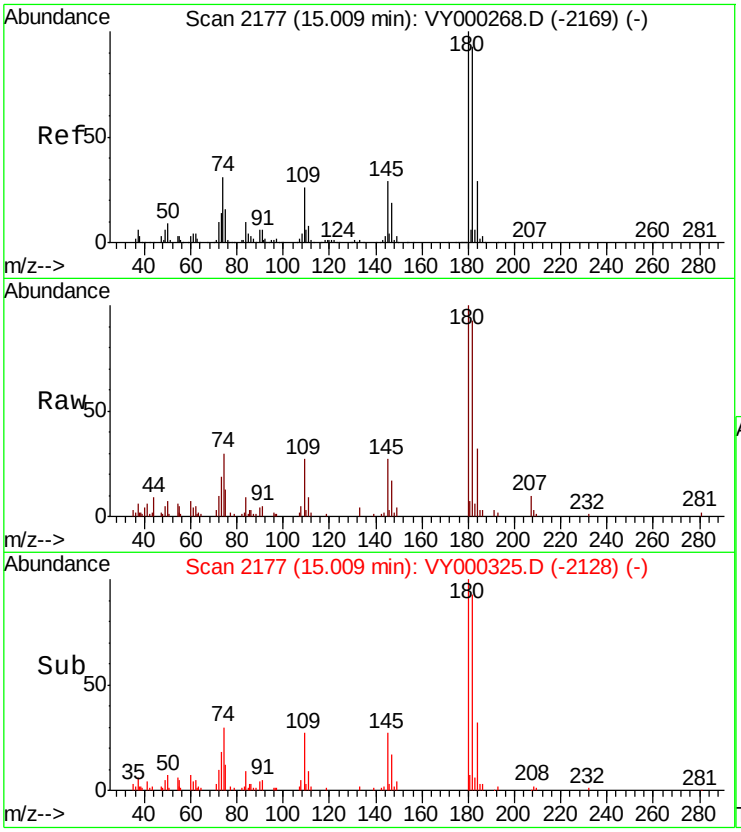




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.904 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion: 75 Resp: 1605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 68.3 | 45.8 | 137.3 |
| 157 | 106.2 | 55.6 | 166.9 |



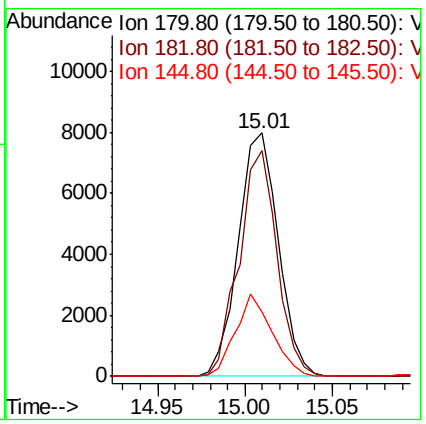


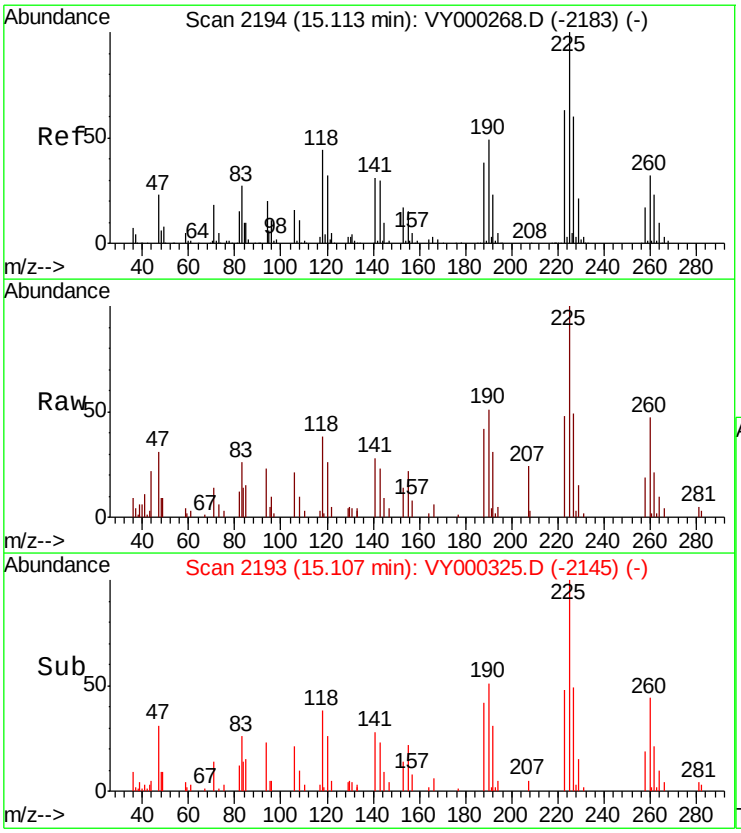

#93
1,2,4-Trichlorobenzene
Concen: 2.969 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:180 Resp: 12729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 87.6 | 47.5 | 142.6 |
| 145 | 31.0 | 15.4 | 46.1 |

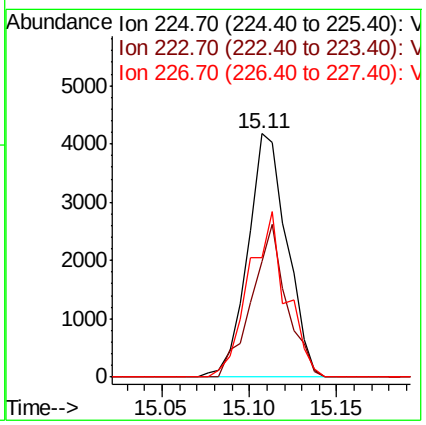


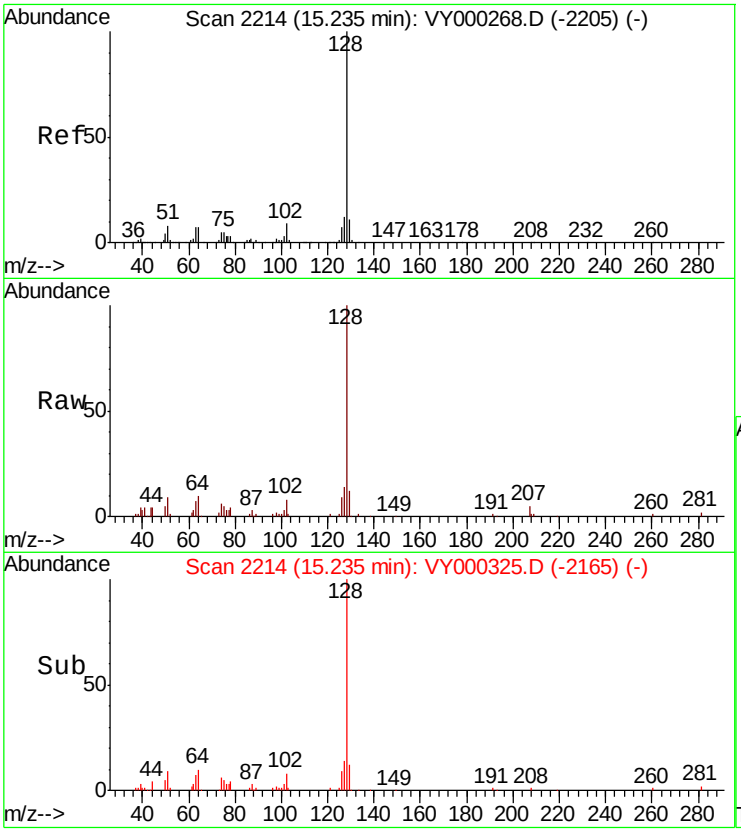




#94
Hexachlorobutadiene
Concen: 2.810 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. -0.01 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:225 Resp: 6520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 55.6 | 31.9 | 95.7 |
| 227 | 65.0 | 31.4 | 94.2 |



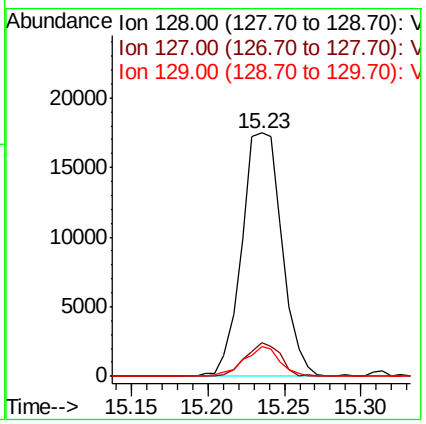


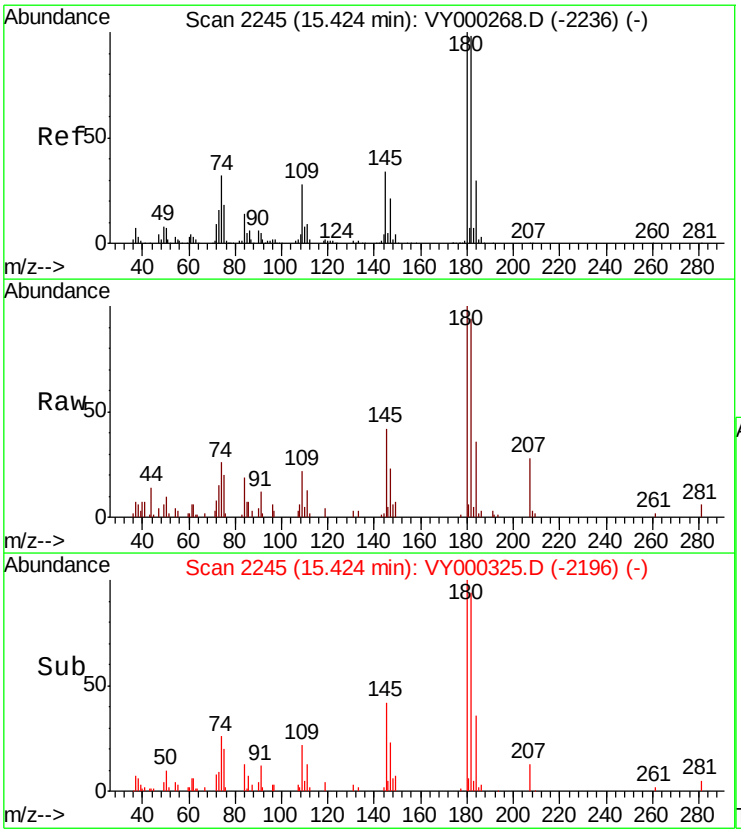

#95
Naphthalene
Concen: 3.324 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

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

Tgt Ion:128 Resp: 31806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.1 | 9.6 | 14.4 |
| 129 | 11.0 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 2.835 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000325.D
Acq: 16 Oct 2019 13:26

Tgt Ion:180 Resp: 10956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 46.5 | 139.5 |
| 145 | 38.1 | 16.2 | 48.5 |