Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000267.D
Acq On : 11 Oct 2019 13:30
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 14 07:15:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:12:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 274186 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.70 | 114 | 439872 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 389271 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 189592 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.16 | 65 | 54634 | 18.89 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 37.78% | | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 54709 | 20.62 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 41.24% | | | | |
| 50) Toluene-d8 | 10.19 | 98 | 189293 | 18.55 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 37.10% | | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 78015 | 20.12 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 40.24% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.90 | 85 | 53520 | 21.893 | ug/l | | 99 |
| 3) Chloromethane | 2.12 | 50 | 67001 | 19.998 | ug/l | | 100 |
| 4) Vinyl Chloride | 2.25 | 62 | 69836 | 20.653 | ug/l | | 99 |
| 5) Bromomethane | 2.63 | 94 | 50494 | 19.915 | ug/l | | 92 |
| 6) Chloroethane | 2.79 | 64 | 44866 | 20.564 | ug/l | | 100 |
| 7) Trichlorofluoromethane | 3.12 | 101 | 95527 | 20.653 | ug/l | | 98 |
| 8) Diethyl Ether | 3.54 | 74 | 32452 | 19.861 | ug/l | | 96 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 55959 | 19.949 | ug/l | | 96 |
| 10) Methyl Iodide | 4.09 | 142 | 71768 | 19.600 | ug/l | | 99 |
| 11) Tert butyl alcohol | 4.97 | 59 | 28880 | 95.376 | ug/l | | 97 |
| 12) 1,1-Dichloroethene | 3.88 | 96 | 54664 | 19.740 | ug/l | | 96 |
| 13) Acrolein | 3.74 | 56 | 33875 | 95.462 | ug/l | | 99 |
| 14) Allyl chloride | 4.49 | 41 | 89990 | 19.610 | ug/l | | 99 |
| 15) Acrylonitrile | 5.18 | 53 | 89212 | 97.545 | ug/l | | 98 |
| 16) Acetone | 3.96 | 43 | 85758 | 91.560 | ug/l | | 96 |
| 17) Carbon Disulfide | 4.19 | 76 | 175560 | 20.136 | ug/l | | 98 |
| 18) Methyl Acetate | 4.49 | 43 | 45512 | 19.557 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 5.22 | 73 | 151910 | 19.706 | ug/l | | 95 |
| 20) Methylene Chloride | 4.72 | 84 | 76645 | 19.955 | ug/l | | 95 |
| 21) trans-1,2-Dichloroethene | 5.23 | 96 | 62792 | 19.764 | ug/l | | 98 |
| 22) Diisopropyl ether | 6.13 | 45 | 189419 | 19.516 | ug/l | | 95 |
| 23) Vinyl Acetate | 6.07 | 43 | 606092 | 95.718 | ug/l | | 98 |
| 24) 1,1-Dichloroethane | 6.02 | 63 | 104010 | 19.632 | ug/l | | 99 |
| 25) 2-Butanone | 7.00 | 43 | 124886 | 94.653 | ug/l | | 98 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 93734 | 19.201 | ug/l | | 98 |
| 27) cis-1,2-Dichloroethene | 7.00 | 96 | 67253 | 19.562 | ug/l | | 98 |
| 28) Bromochloromethane | 7.35 | 49 | 39357 | 17.305 | ug/l | | 92 |
| 29) Tetrahydrofuran | 7.36 | 42 | 75642 | 94.598 | ug/l | | 98 |
| 30) Chloroform | 7.52 | 83 | 104541 | 19.594 | ug/l | | 97 |
| 31) Cyclohexane | 7.80 | 56 | 105613 | 19.087 | ug/l | # | 88 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 95018 | 20.032 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 7.92 | 75 | 85767 | 19.915 | ug/l | | 99 |
| 37) Ethyl Acetate | 7.09 | 43 | 50482 | 19.797 | ug/l | | 98 |
| 38) Carbon Tetrachloride | 7.91 | 117 | 83625 | 20.055 | ug/l | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000267.D
Acq On : 11 Oct 2019 13:30
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 14 07:15:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:12:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 115113 | 20.423 ug/l | | 94 |
| 40) Benzene | 8.17 | 78 | 250223 | 20.105 ug/l | | 97 |
| 41) Methacrylonitrile | 7.36 | 41 | 68227 | 60.914 ug/l | # | 27 |
| 42) 1,2-Dichloroethane | 8.25 | 62 | 70086 | 19.714 ug/l | | 98 |
| 43) Isopropyl Acetate | 8.28 | 43 | 96422 | 19.886 ug/l | | 100 |
| 44) Trichloroethene | 8.95 | 130 | 69468 | 19.893 ug/l | | 96 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 61480 | 20.130 ug/l | | 95 |
| 46) Dibromomethane | 9.31 | 93 | 33783 | 19.787 ug/l | | 99 |
| 47) Bromodichloromethane | 9.50 | 83 | 79916 | 19.861 ug/l | | 99 |
| 48) Methyl methacrylate | 9.30 | 41 | 42863 | 20.171 ug/l | | 99 |
| 49) 1,4-Dioxane | 9.31 | 88 | 10328 | 403.442 ug/l | # | 94 |
| 51) 4-Methyl-2-Pentanone | 10.08 | 43 | 246226 | 98.458 ug/l | | 100 |
| 52) Toluene | 10.25 | 92 | 156372 | 19.790 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 86890 | 20.150 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.94 | 75 | 98021 | 20.016 ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.65 | 97 | 47951 | 19.316 ug/l | | 98 |
| 56) Ethyl methacrylate | 10.52 | 69 | 70142 | 19.823 ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 84239 | 19.759 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.79 | 63 | 133672 | 94.712 ug/l | | 99 |
| 59) 2-Hexanone | 10.83 | 43 | 171622 | 97.770 ug/l | | 99 |
| 60) Dibromochloromethane | 10.99 | 129 | 54060 | 19.648 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.10 | 107 | 48386 | 20.300 ug/l | | 100 |
| 64) Tetrachloroethene | 10.72 | 164 | 78290 | 21.126 ug/l | | 95 |
| 65) Chlorobenzene | 11.52 | 112 | 164488 | 20.022 ug/l | | 96 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 56984 | 19.746 ug/l | | 98 |
| 67) Ethyl Benzene | 11.60 | 91 | 302645 | 19.872 ug/l | | 99 |
| 68) m/p-Xylenes | 11.70 | 106 | 232255 | 39.893 ug/l | | 99 |
| 69) o-Xylene | 12.03 | 106 | 109954 | 19.797 ug/l | | 97 |
| 70) Styrene | 12.05 | 104 | 184364 | 19.683 ug/l | | 100 |
| 71) Bromoform | 12.21 | 173 | 33144 | 19.978 ug/l | # | 99 |
| 73) Isopropylbenzene | 12.33 | 105 | 296650 | 20.067 ug/l | | 99 |
| 74) N-amyl acetate | 12.14 | 43 | 68637 | 18.912 ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 53647 | 19.328 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 78431 | 20.693 ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 66557 | 20.233 ug/l | | 92 |
| 78) n-propylbenzene | 12.67 | 91 | 352524 | 19.861 ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.76 | 91 | 194350 | 19.827 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 246831 | 19.912 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 19651 | 18.443 ug/l | | 98 |
| 82) 4-Chlorotoluene | 12.86 | 91 | 202167 | 19.511 ug/l | | 99 |
| 83) tert-Butylbenzene | 13.08 | 119 | 211185 | 20.118 ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 243699 | 19.919 ug/l | | 99 |
| 85) sec-Butylbenzene | 13.25 | 105 | 299914 | 19.749 ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 266419 | 20.123 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 128811 | 19.874 ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 13.45 | 146 | 132154 | 20.400 ug/l | | 97 |
| 89) n-Butylbenzene | 13.70 | 91 | 257696 | 19.697 ug/l | | 99 |
| 90) Hexachloroethane | 13.96 | 117 | 50024 | 20.405 ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 13.73 | 146 | 117306 | 19.999 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 10570 | 20.079 ug/l | | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000267.D
Acq On : 11 Oct 2019 13:30
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 14 07:15:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:12:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180 | 84820 | 20.770 | ug/l | 97 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 44489 | 20.130 | ug/l | 98 |
| 95) Naphthalene | 15.23 | 128 | 181459 | 19.911 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180 | 76013 | 20.653 | ug/l | 99 |

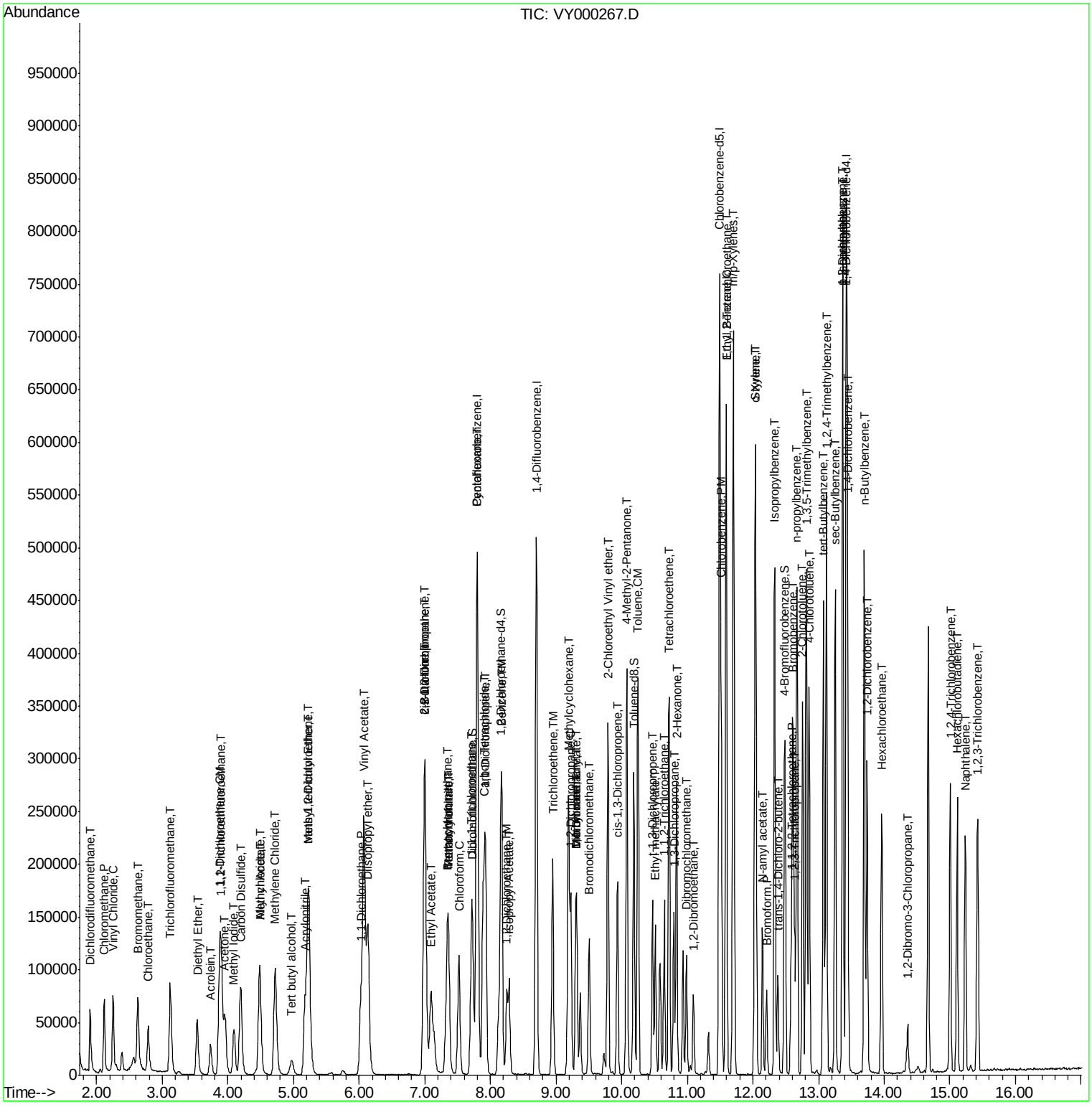
(#) = qualifier out of range (m) = manual integration (+) = signals summed

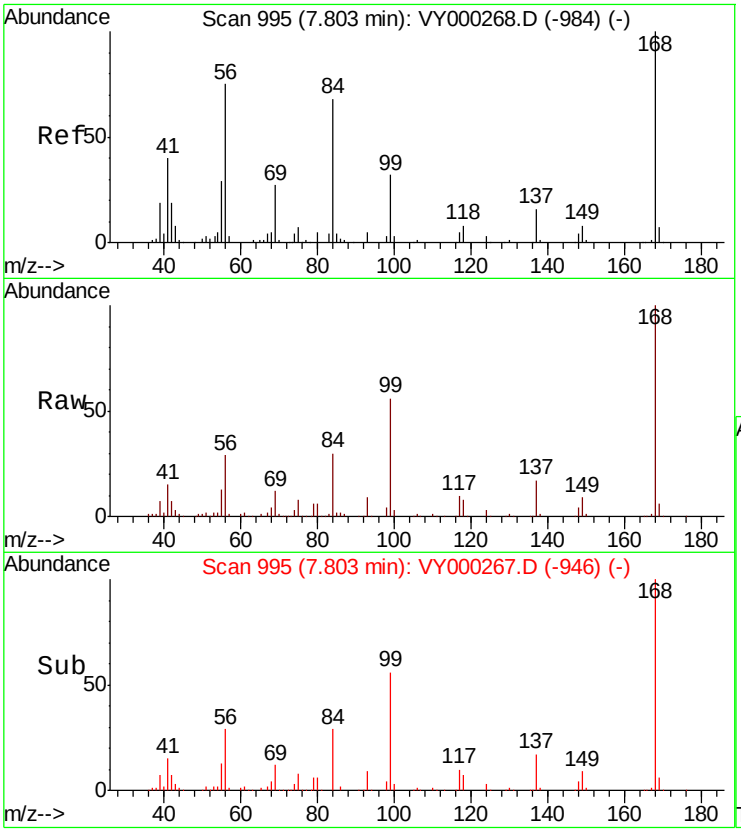
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000267.D
Acq On : 11 Oct 2019 13:30
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00G/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 14 07:15:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:12:07 2019
Response via : Initial Calibration



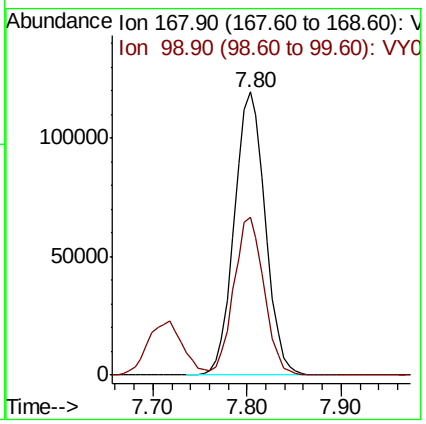


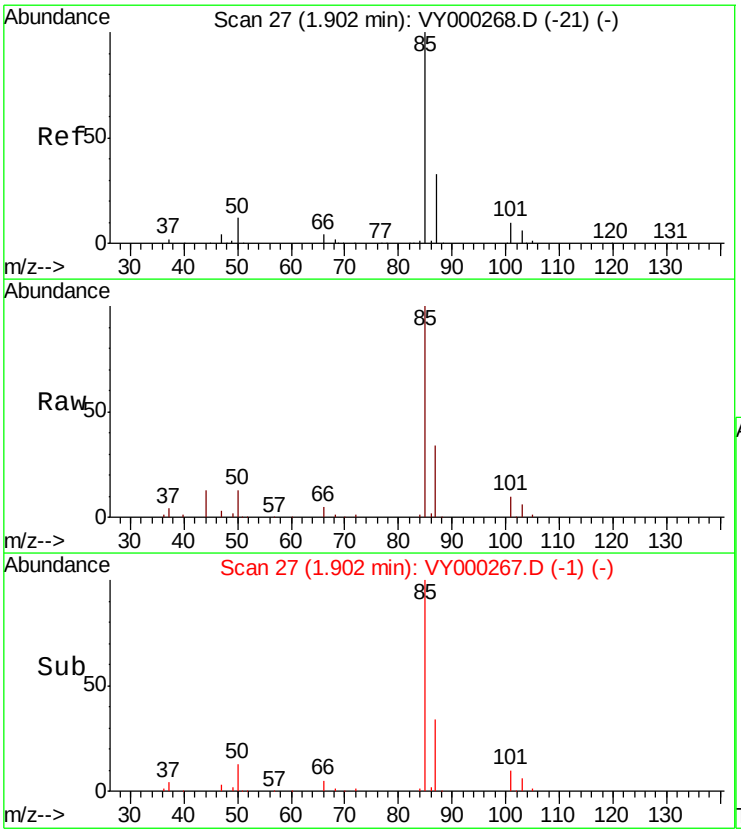

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:168 Resp: 274186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.7 | 46.6 | 69.8 |

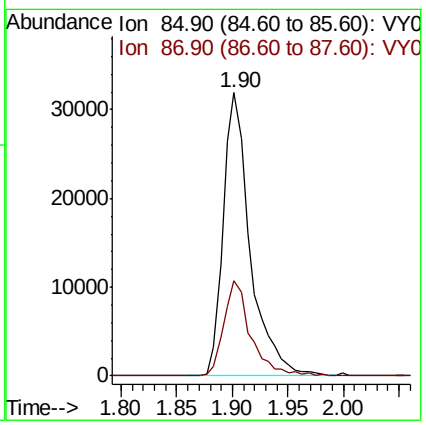


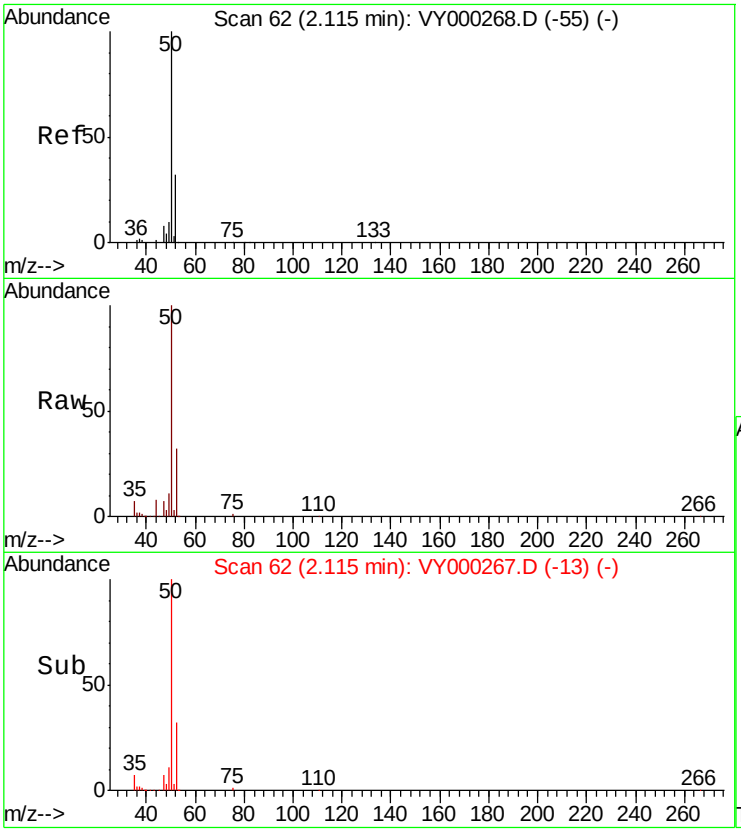




#2
Dichlorodifluoromethane
Concen: 21.893 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 85 Resp: 53520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.6 | 16.6 | 49.8 |



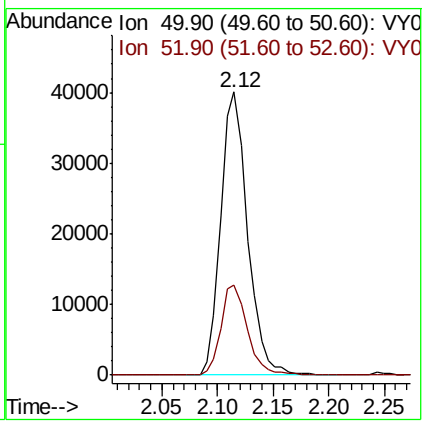


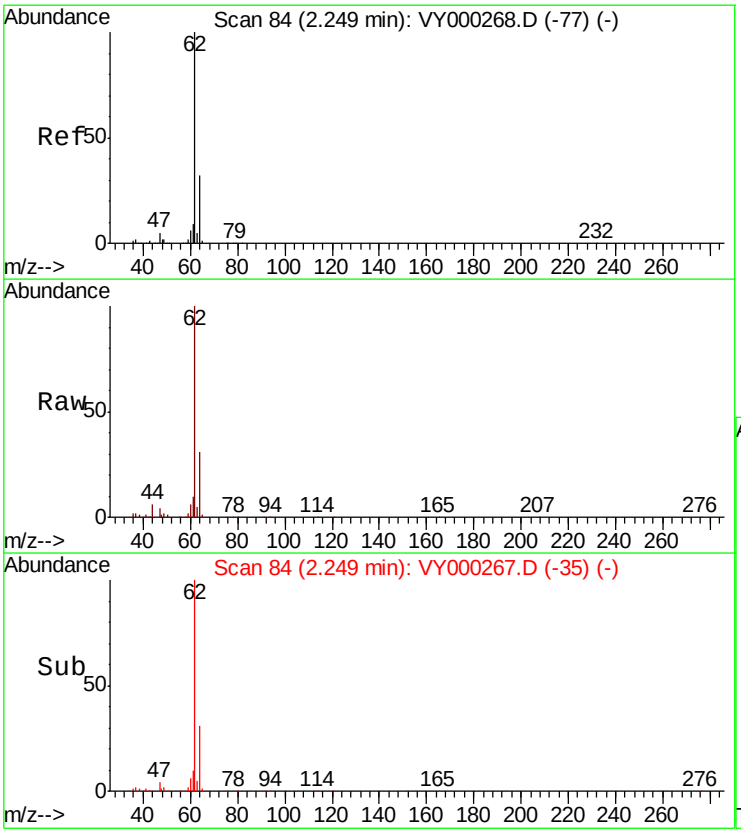

#3
Chloromethane
Concen: 19.998 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 50 Resp: 67001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.9 | 25.3 | 37.9 |

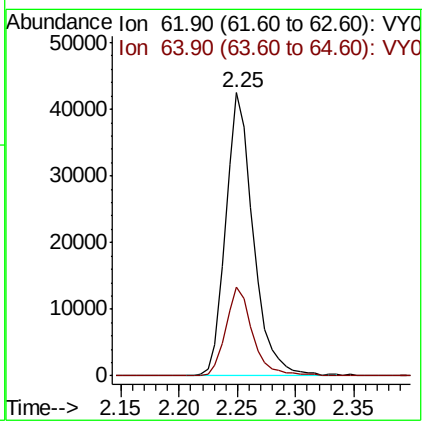


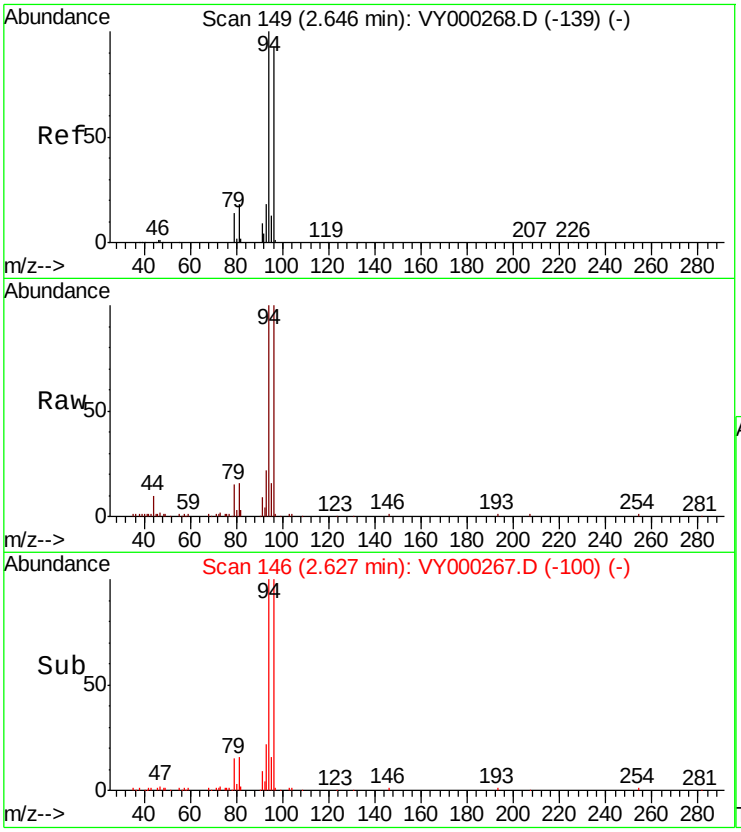




#4
Vinyl Chloride
Concen: 20.653 ug/l
RT: 2.25 min Scan# 84
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 62 Resp: 69836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.2 | 25.6 | 38.4 |



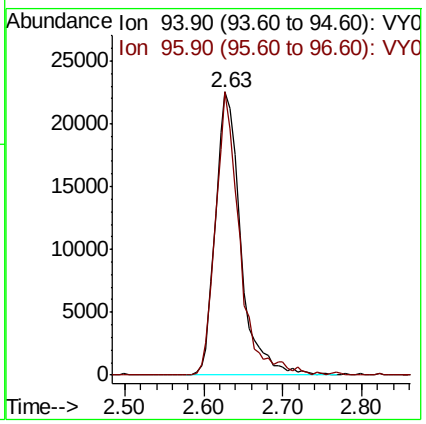


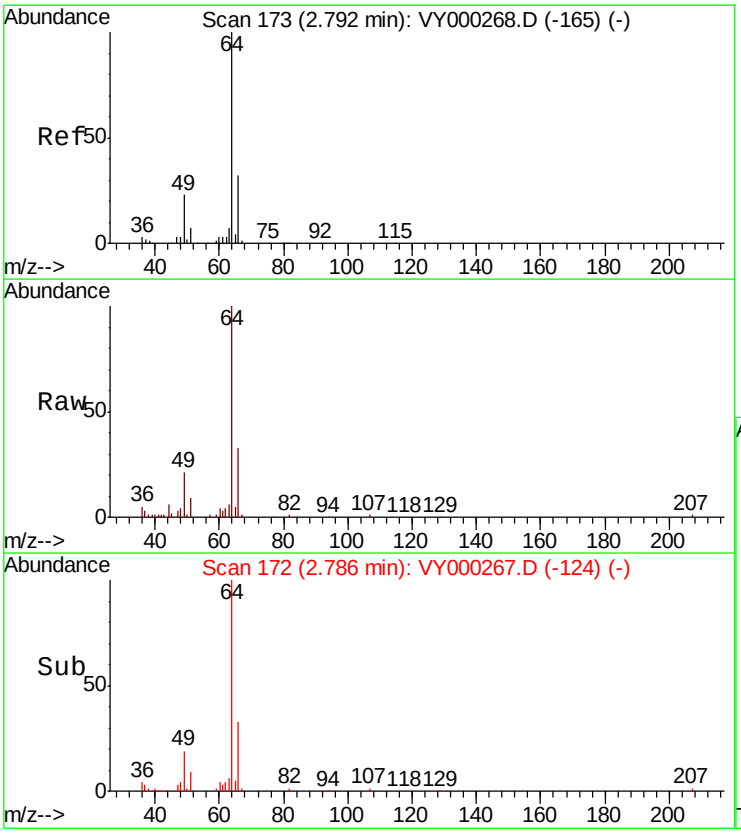

#5
Bromomethane
Concen: 19.915 ug/l
RT: 2.63 min Scan# 146
Delta R.T. -0.02 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 94 Resp: 50494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 99.9 | 74.2 | 111.2 |

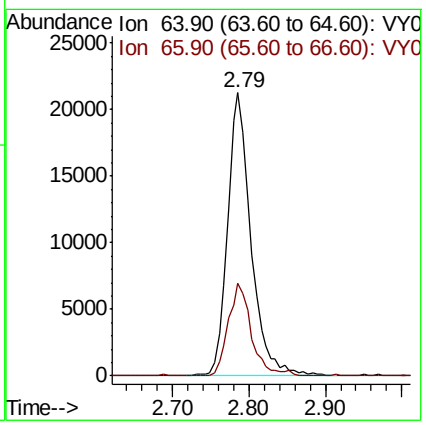


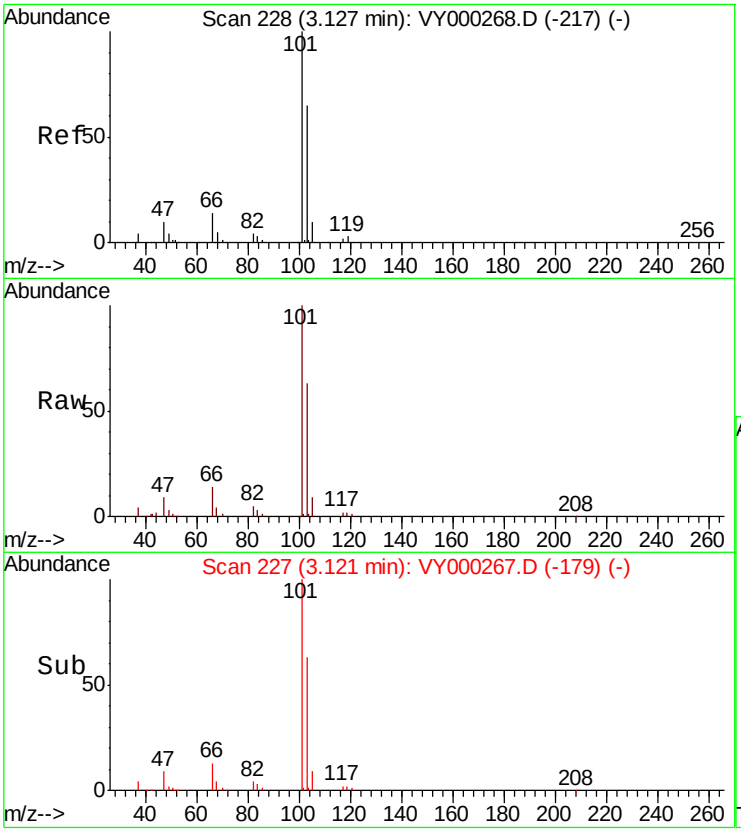




#6
Chloroethane
Concen: 20.564 ug/l
RT: 2.79 min Scan# 172
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 64 Resp: 44866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.3 | 25.6 | 38.4 |



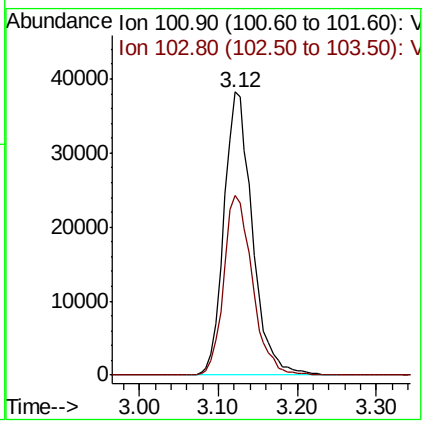


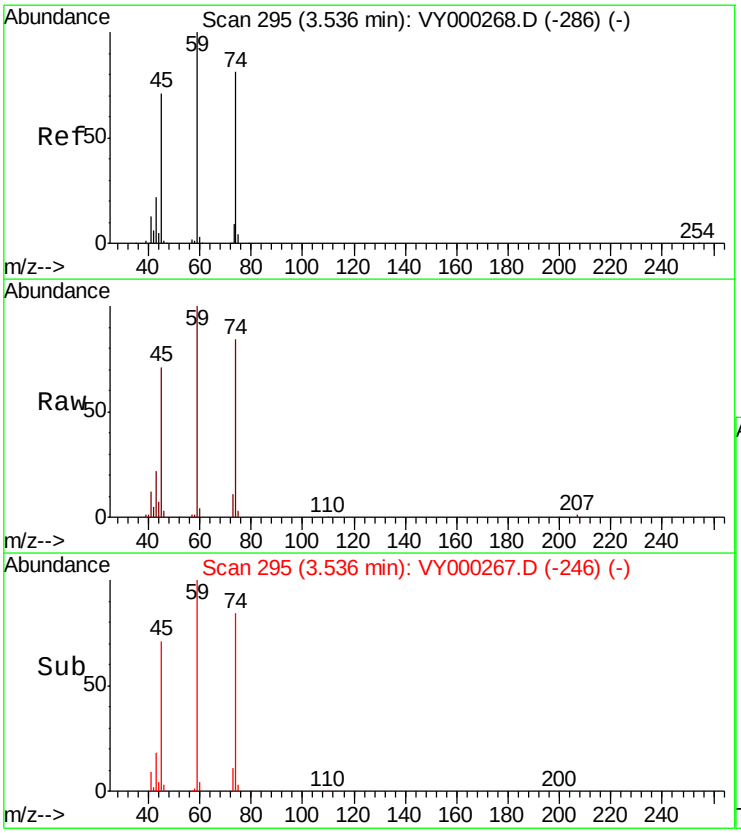

#7
Trichlorofluoromethane
Concen: 20.653 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:101 Resp: 95527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.4 | 52.2 | 78.4 |

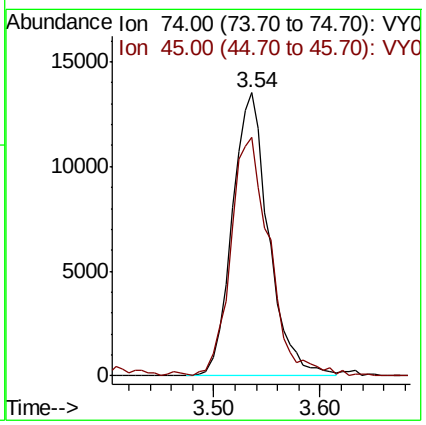


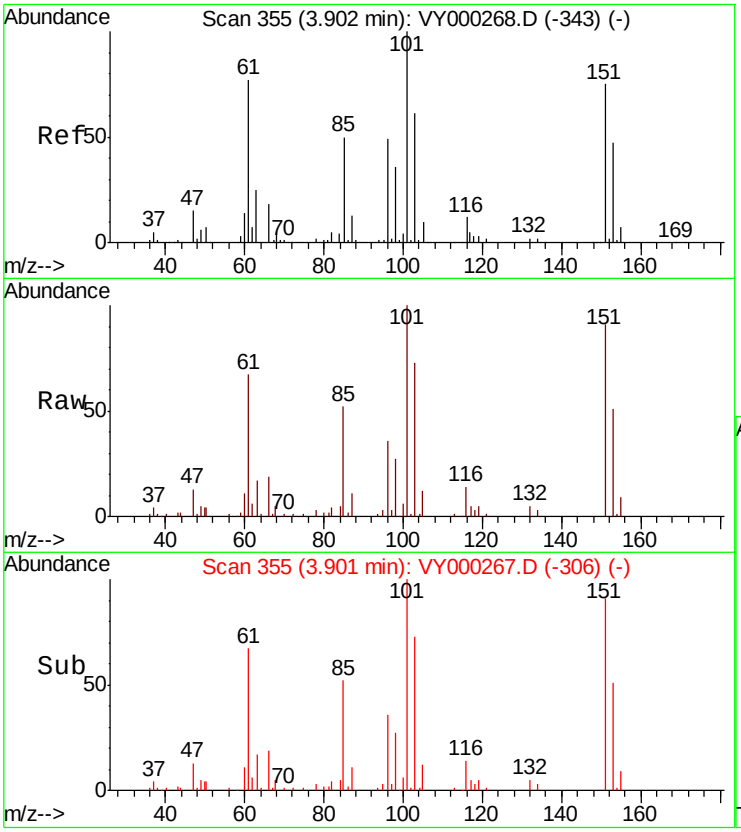




#8
Diethyl Ether
Concen: 19.861 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 74 Resp: 32452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 90.2 | 47.1 | 141.4 |



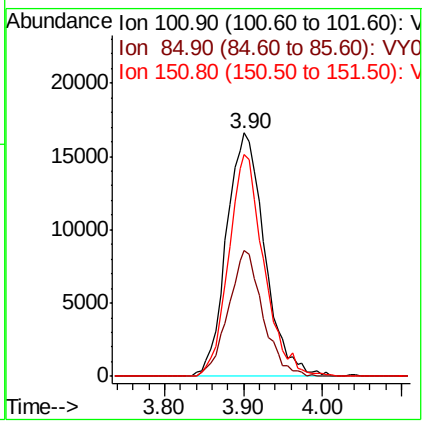


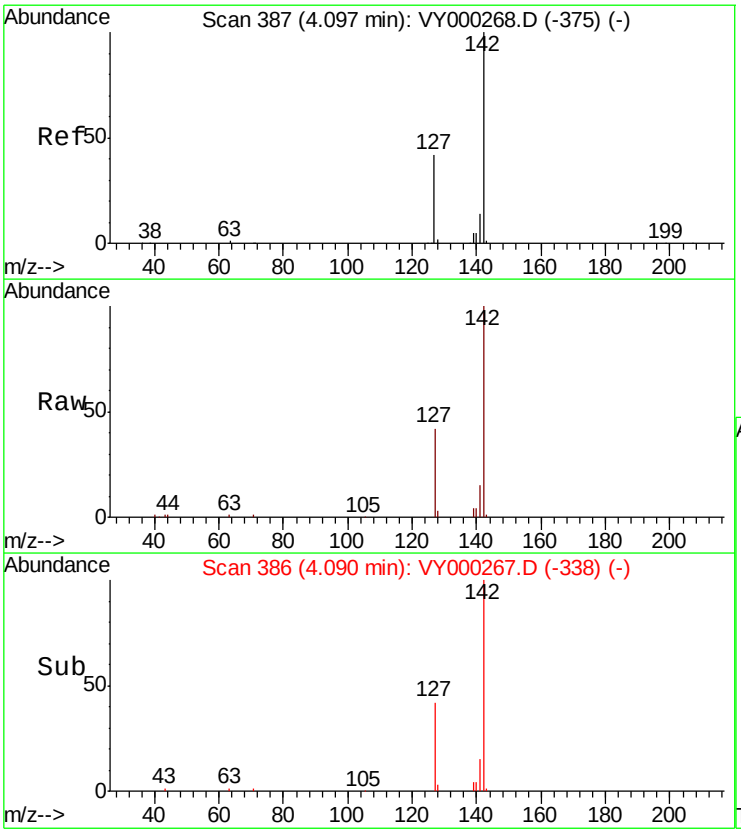

#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.949 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:101 Resp: 55959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.6 | 36.6 | 55.0 |
| 151 | 84.1 | 63.1 | 94.7 |

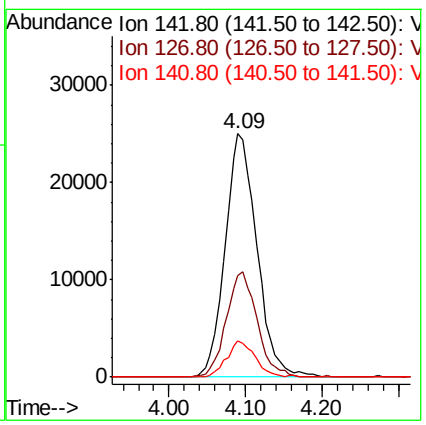


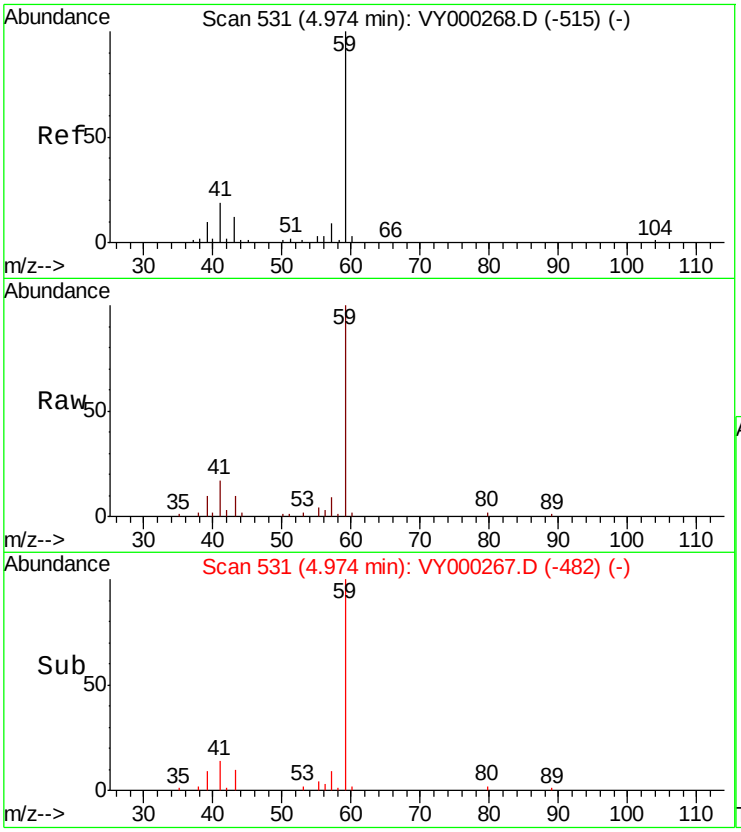




#10
Methyl Iodide
Concen: 19.600 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:142 Resp: 71768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.9 | 33.9 | 50.9 |
| 141 | 13.4 | 11.2 | 16.8 |



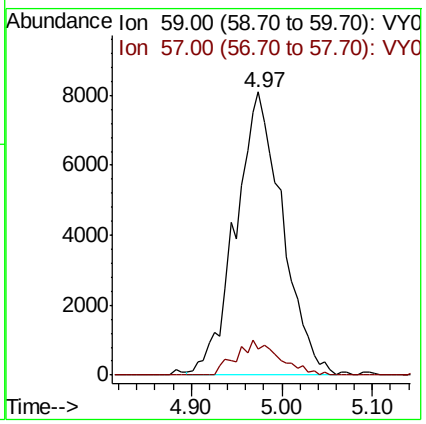


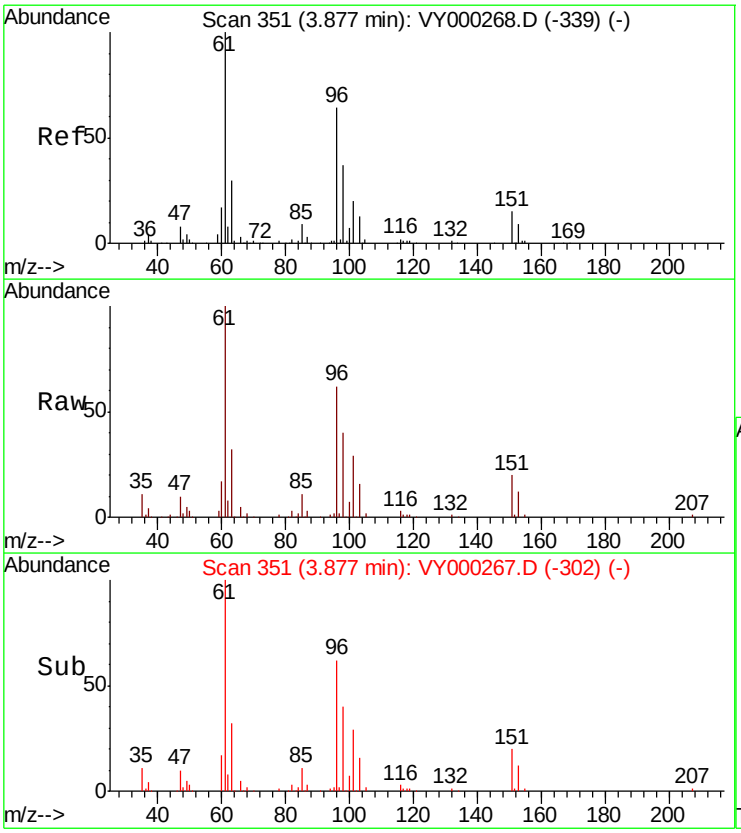

#11
Tert butyl alcohol
Concen: 95.376 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 59 Resp: 28880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.2 | 8.2 | 12.2 |

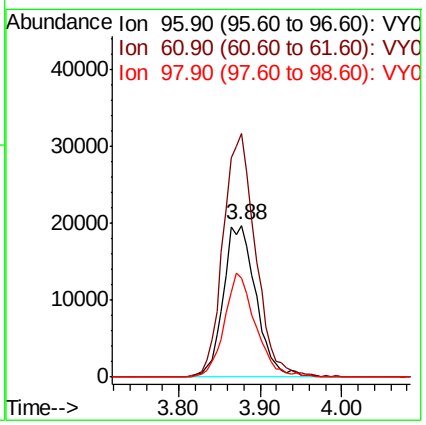


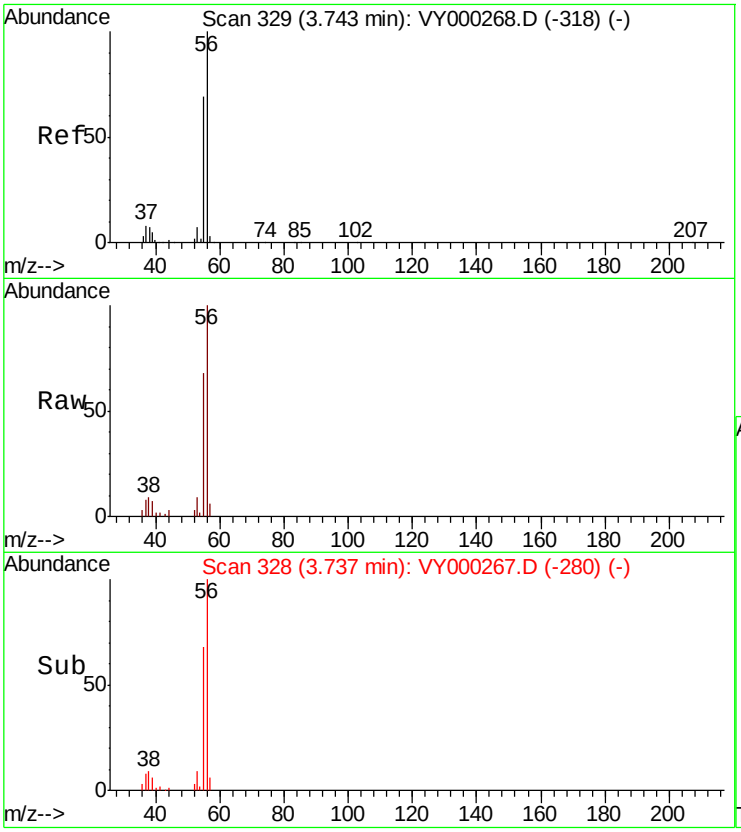




#12
1,1-Dichloroethene
Concen: 19.740 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 96 Resp: 54664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.6 | 125.8 | 188.6 |
| 98 | 64.9 | 46.2 | 69.2 |



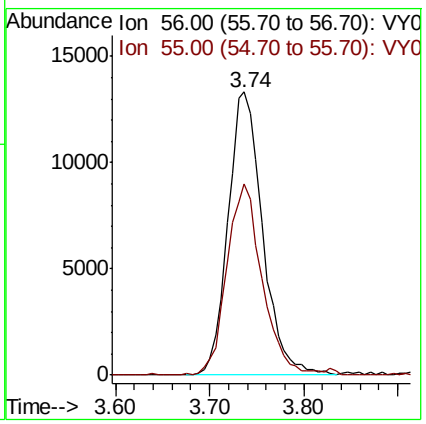


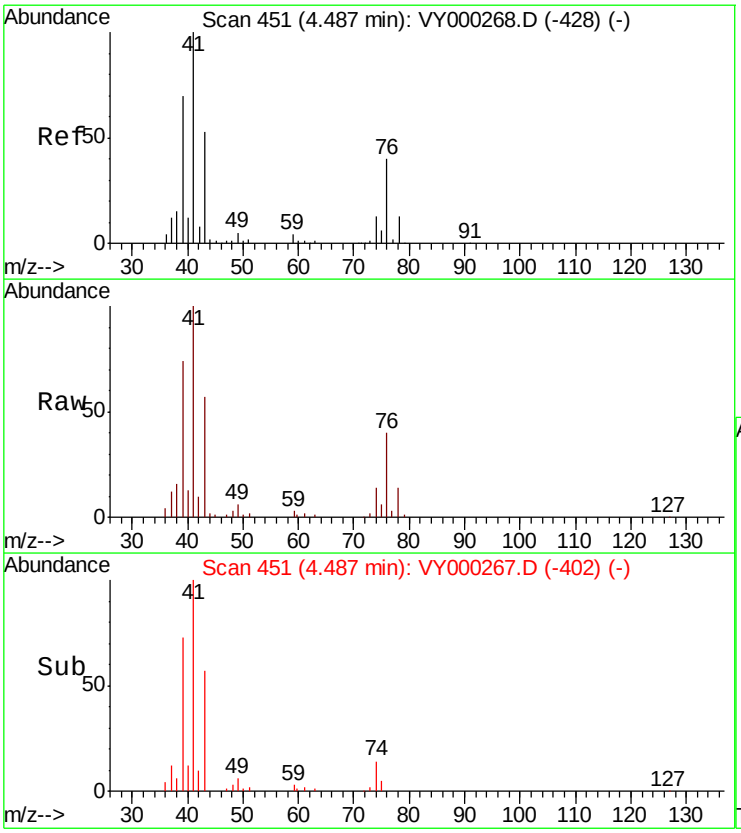

#13
Acrolein
Concen: 95.462 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 56 Resp: 33875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.0 | 55.7 | 83.5 |

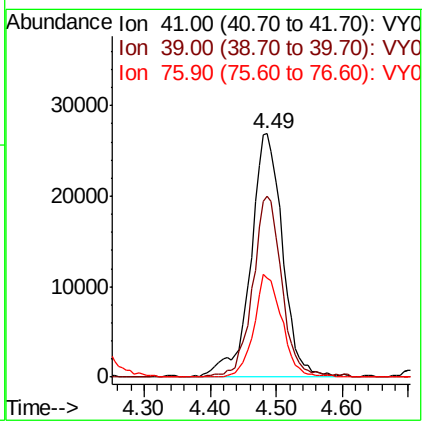


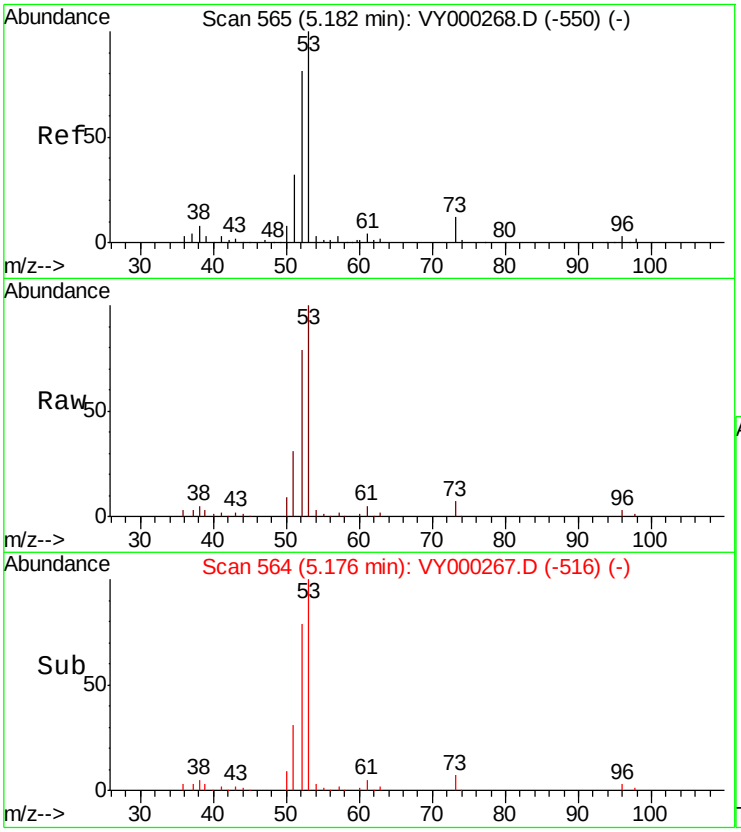




#14
Allyl chloride
Concen: 19.610 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 41 Resp: 89990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 68.2 | 54.0 | 81.0 |
| 76 | 37.1 | 30.7 | 46.1 |



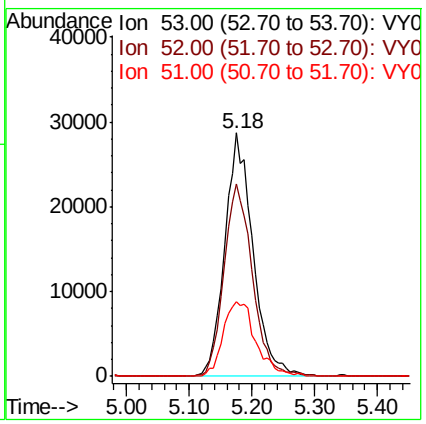


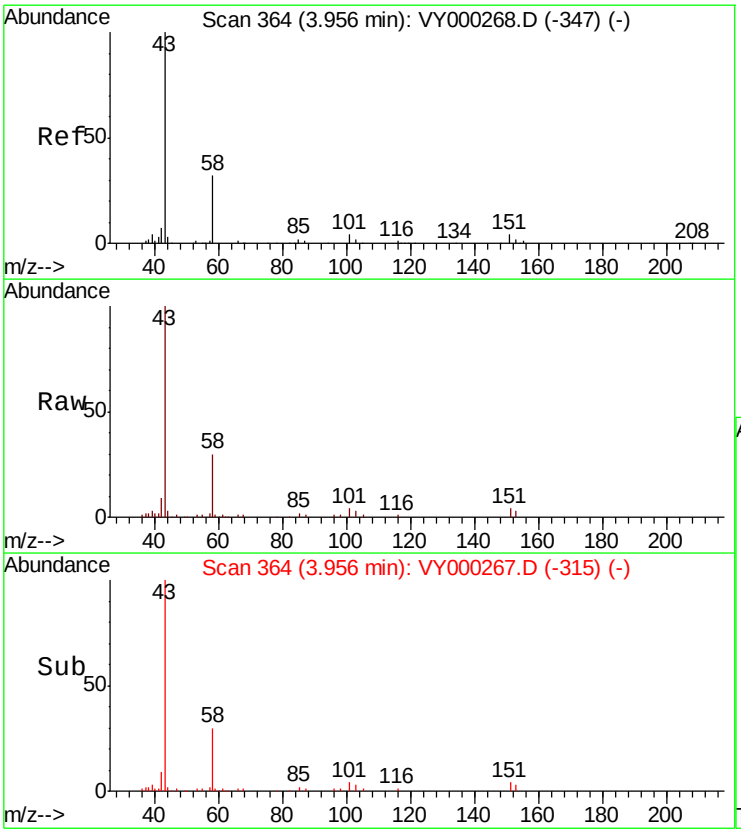

#15
Acrylonitrile
Concen: 97.545 ug/l
RT: 5.18 min Scan# 564
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 53 Resp: 89212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 79.8 | 62.9 | 94.3 |
| 51 | 35.1 | 26.9 | 40.3 |

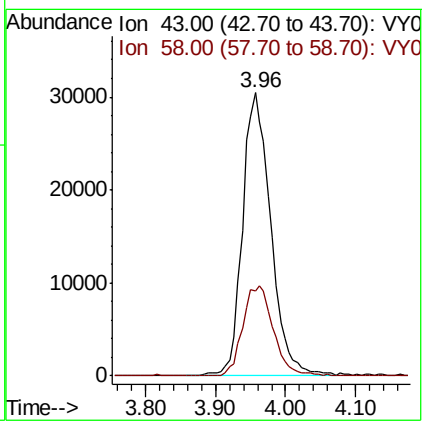


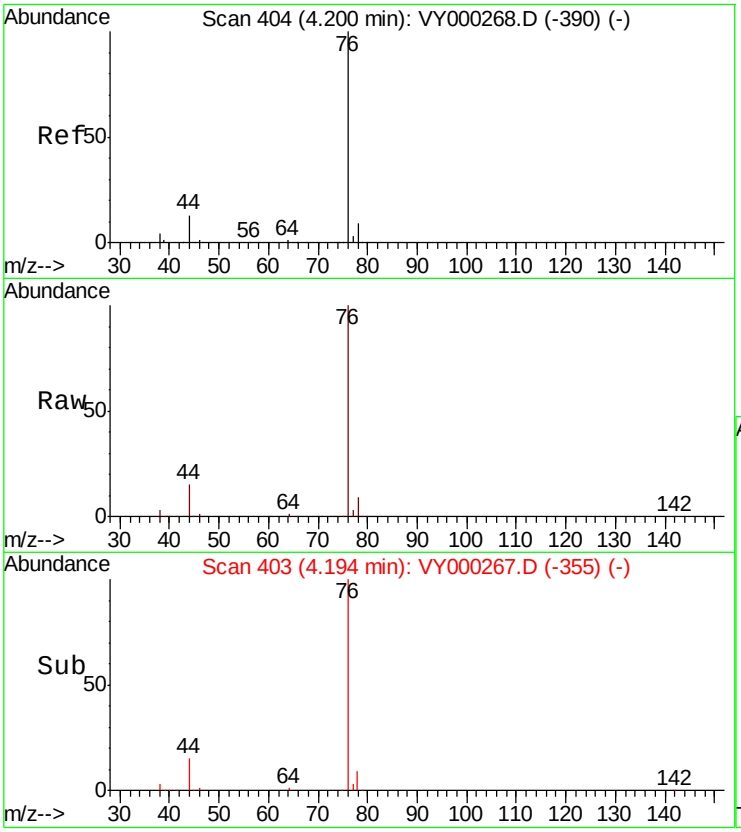




#16
Acetone
Concen: 91.560 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 43 Resp: 85758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 25.8 | 38.6 |



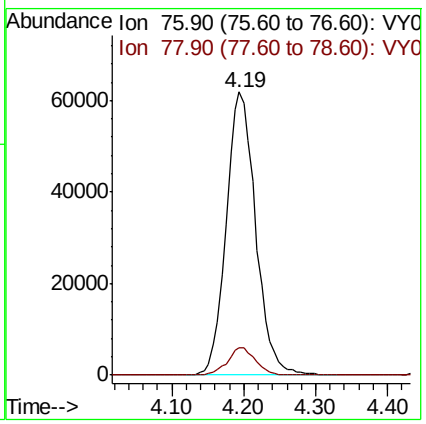


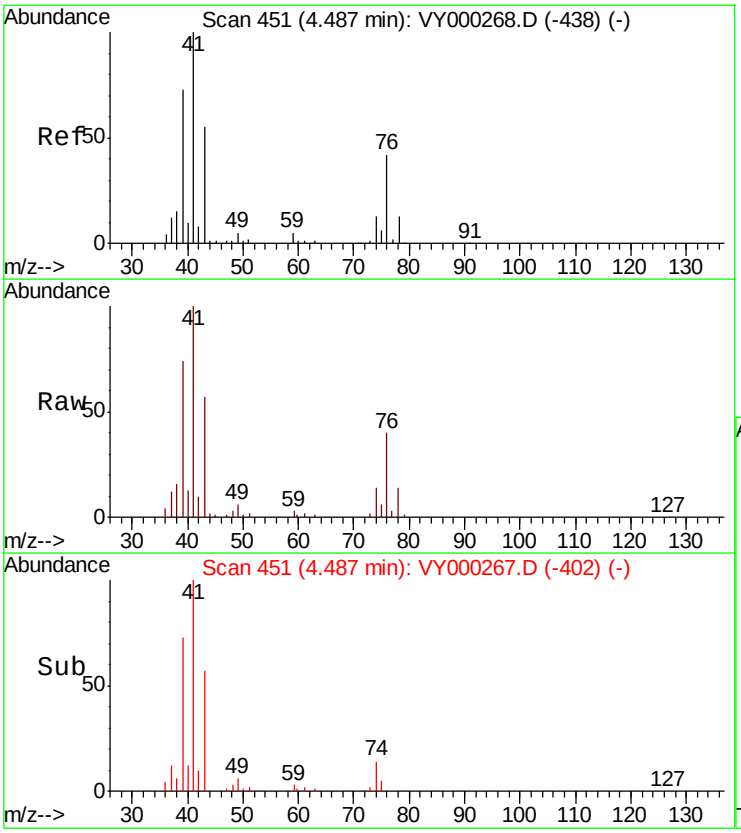

#17
Carbon Disulfide
Concen: 20.136 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 76 Resp: 175560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.0 | 10.4 |

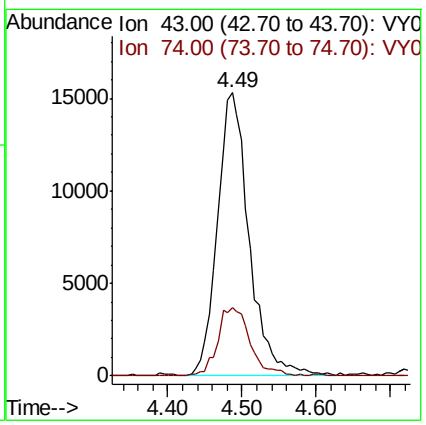


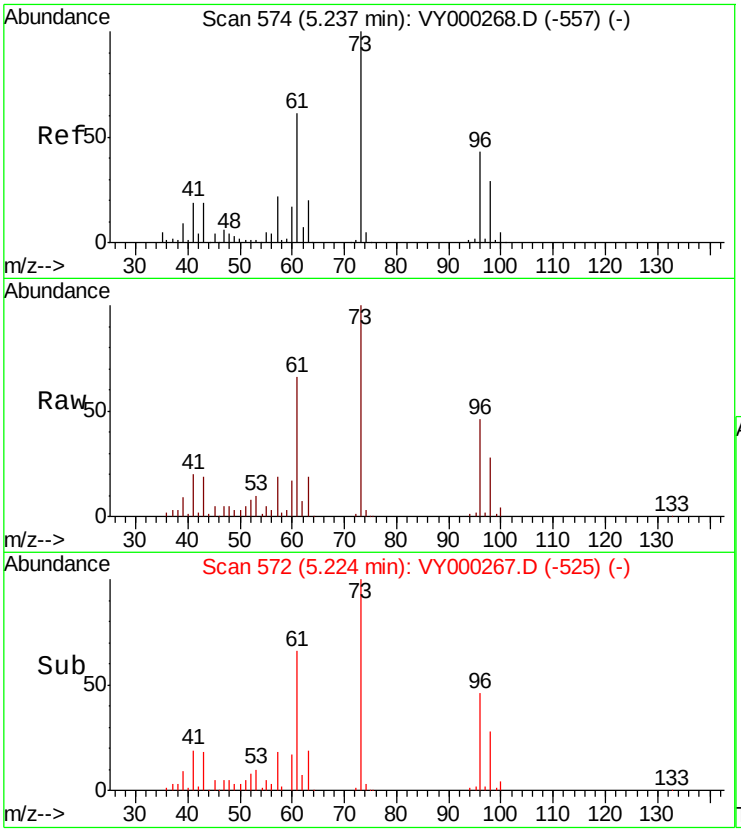




#18
Methyl Acetate
Concen: 19.557 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 43 Resp: 45512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.5 | 20.4 | 30.6 |



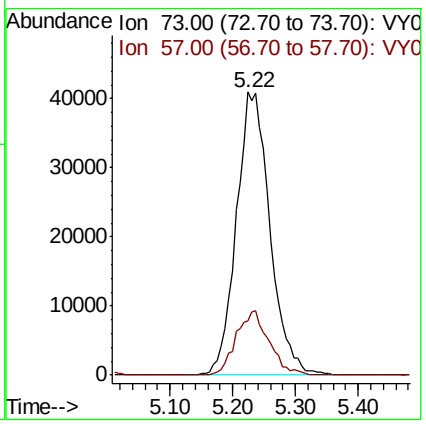


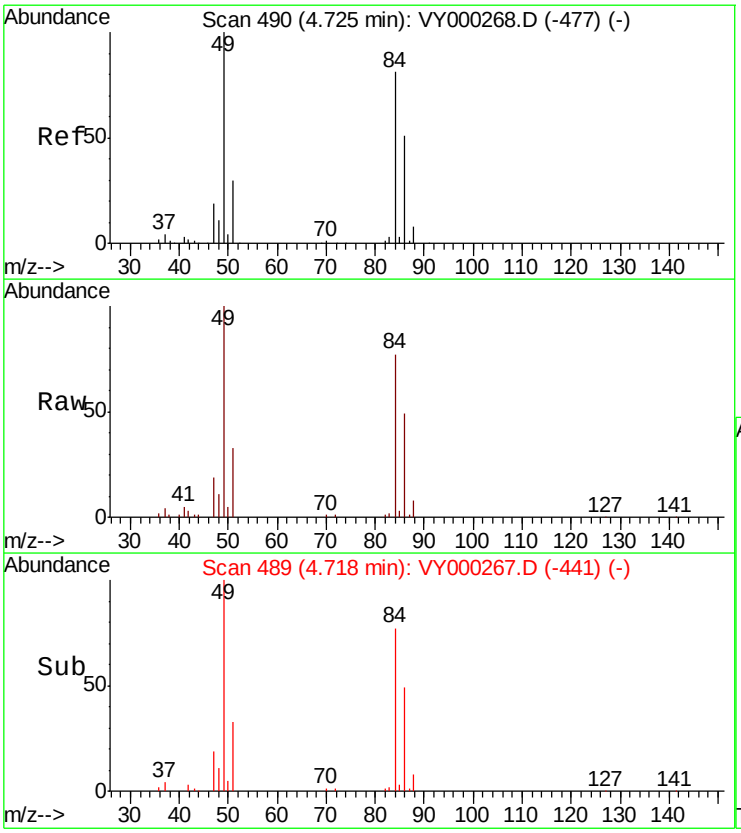

#19
Methyl tert-butyl Ether
Concen: 19.706 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 73 Resp: 151910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 19.2 | 17.4 | 26.0 |

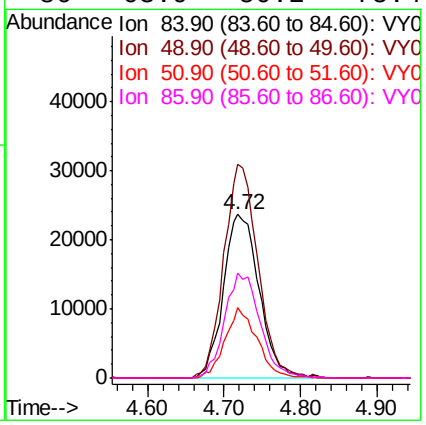


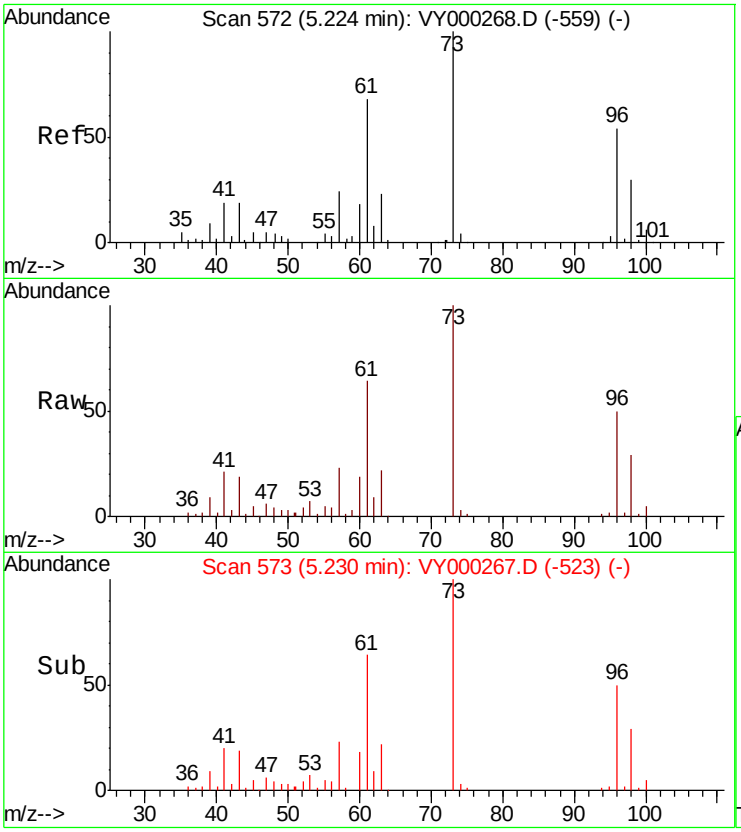




#20
Methylene Chloride
Concen: 19.955 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 84 Resp: 76645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 130.4 | 99.0 | 148.4 |
| 51 | 42.9 | 29.3 | 43.9 |
| 86 | 63.9 | 50.2 | 75.4 |



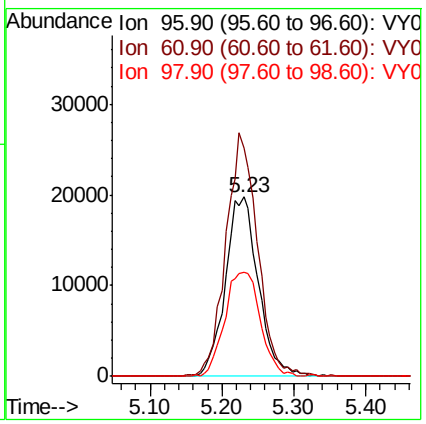


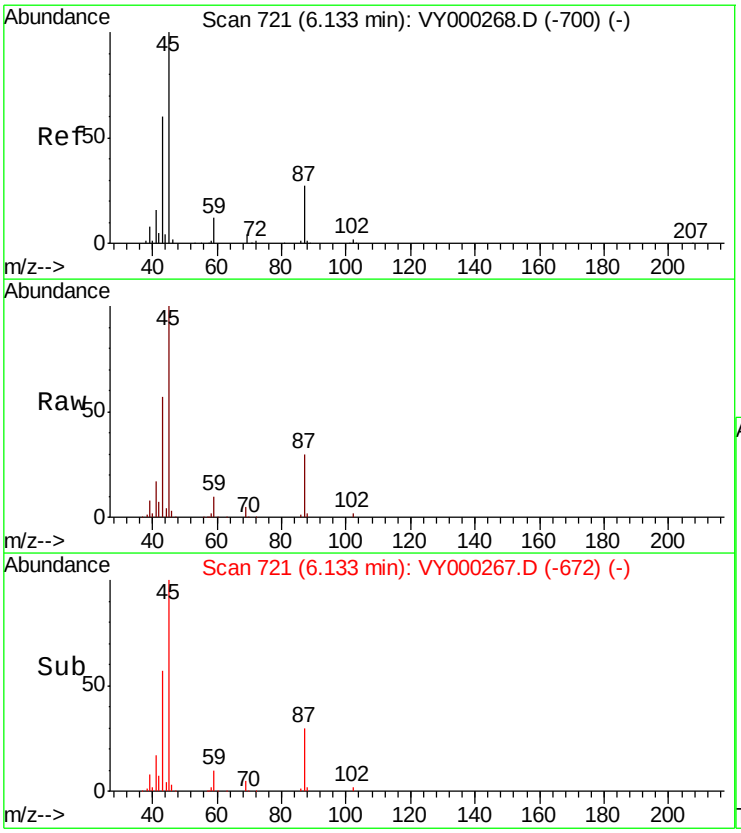

#21
trans-1,2-Dichloroethene
Concen: 19.764 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 96 Resp: 62792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 127.1 | 100.4 | 150.6 |
| 98 | 57.9 | 44.6 | 66.8 |

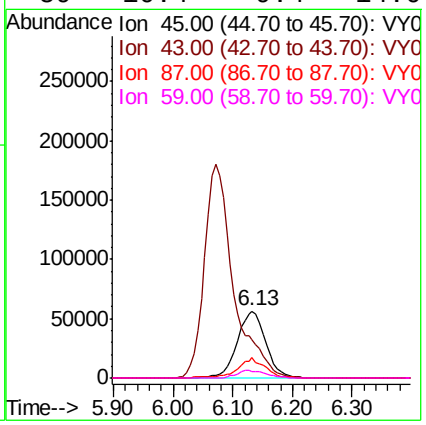


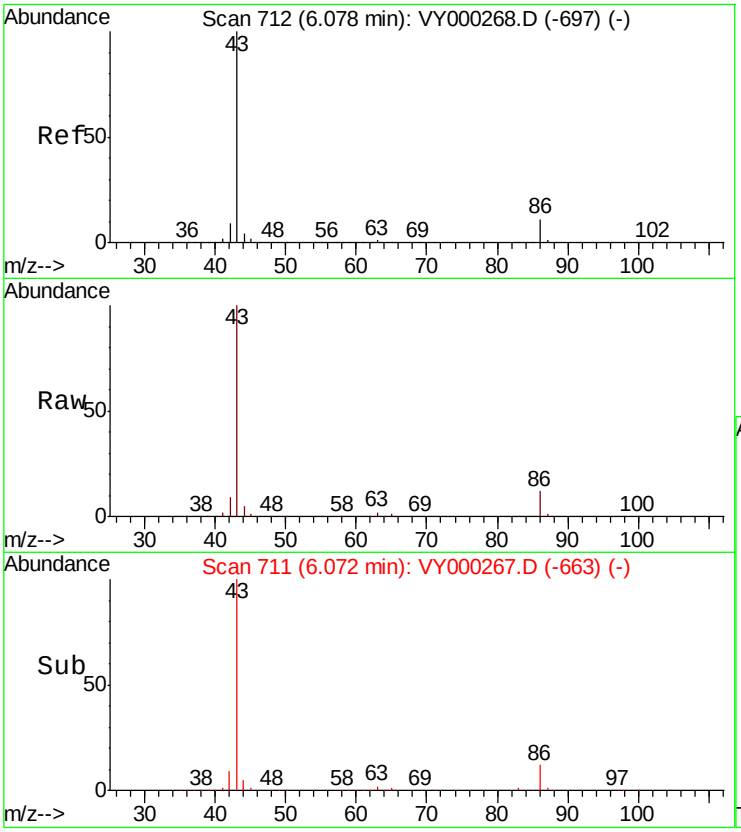




#22
Diisopropyl ether
Concen: 19.516 ug/l
RT: 6.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 45 Resp: 189419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.5 | 48.5 | 72.7 |
| 87 | 30.1 | 21.5 | 32.3 |
| 59 | 10.4 | 9.4 | 14.0 |



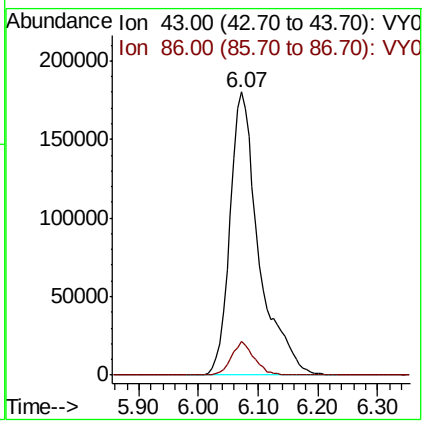


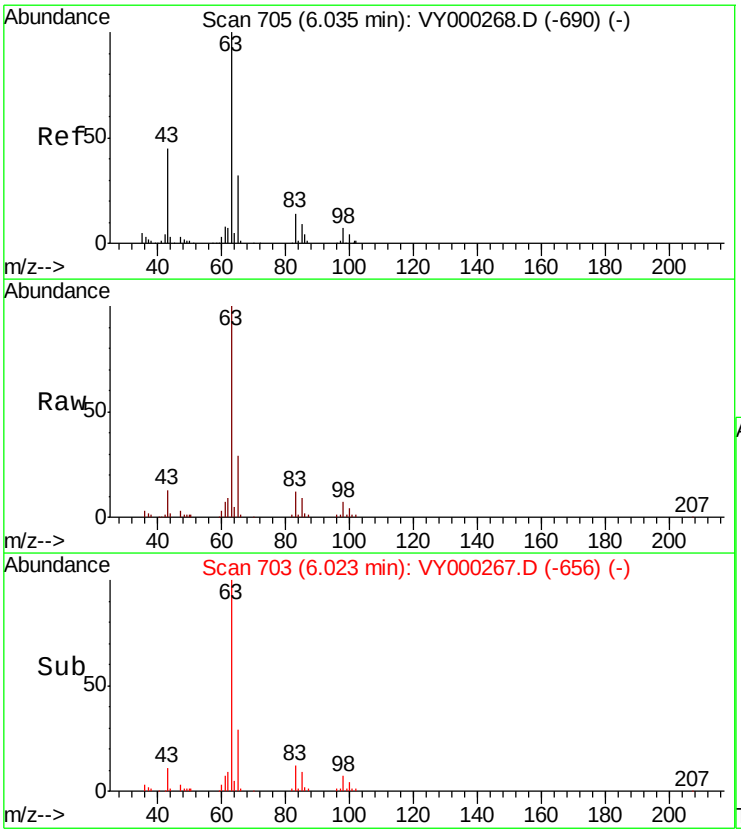

#23
Vinyl Acetate
Concen: 95.718 ug/l
RT: 6.07 min Scan# 711
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 43 Resp: 606092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.7 | 8.6 | 13.0 |

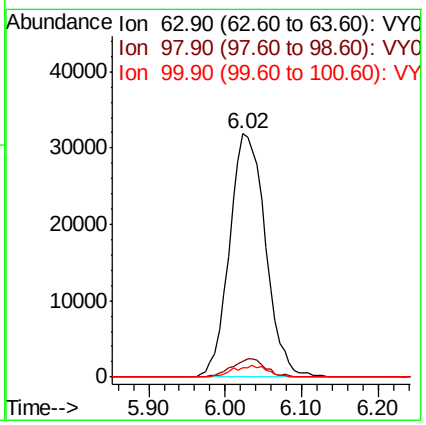


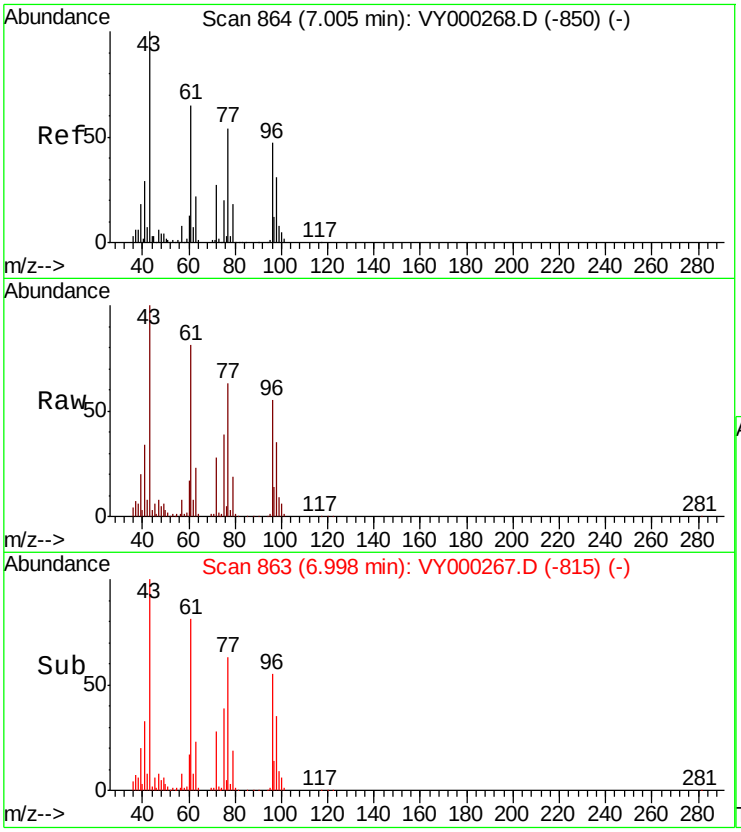




#24
1,1-Dichloroethane
Concen: 19.632 ug/l
RT: 6.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 63 Resp: 104010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.7 | 3.5 | 10.4 |
| 100 | 3.7 | 2.1 | 6.2 |



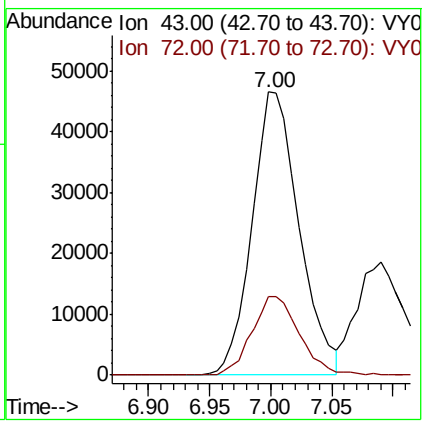


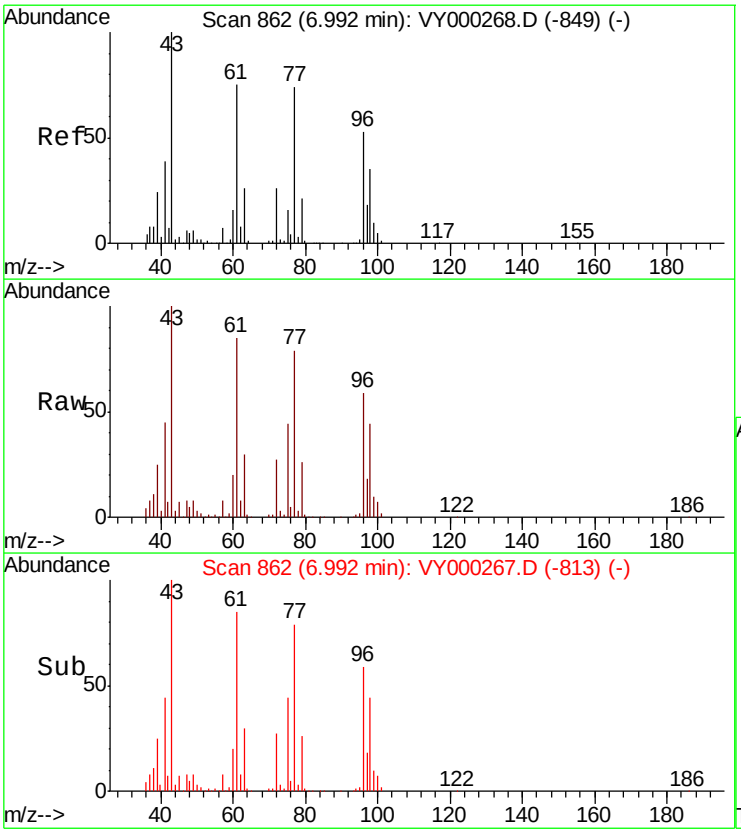

#25
2-Butanone
Concen: 94.653 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 43 Resp: 124886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.8 | 21.4 | 32.2 |

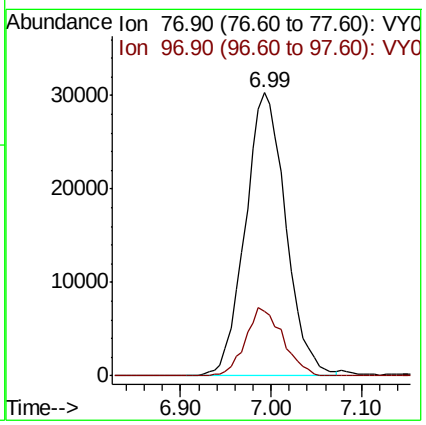


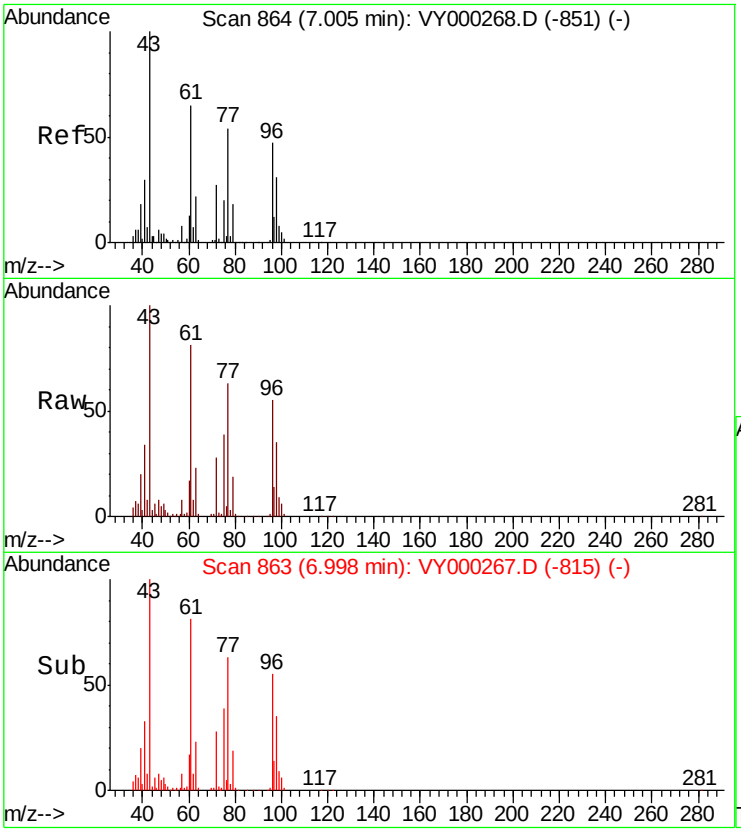




#26
2,2-Dichloropropane
Concen: 19.201 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 77 Resp: 93734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.1 | 11.6 | 34.7 |



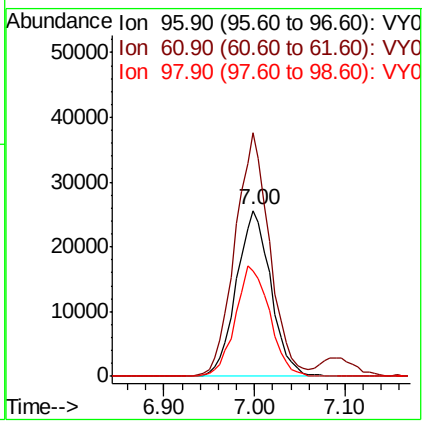


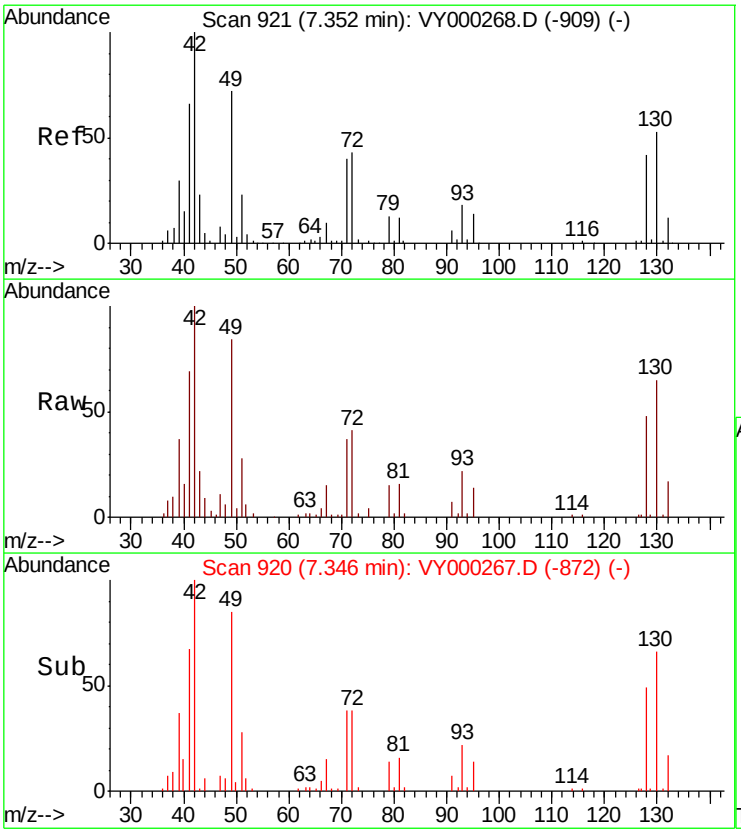

#27
cis-1,2-Dichloroethene
Concen: 19.562 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 96 Resp: 67253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 147.8 | 0.0 | 289.8 |
| 98 | 66.5 | 0.0 | 131.8 |

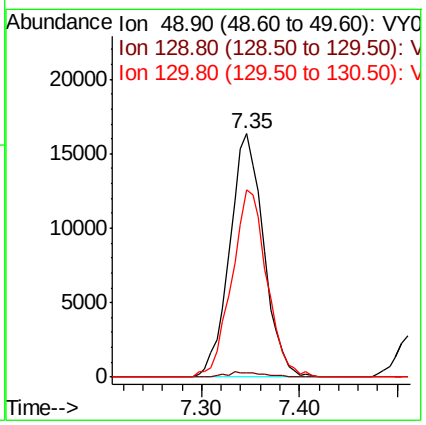


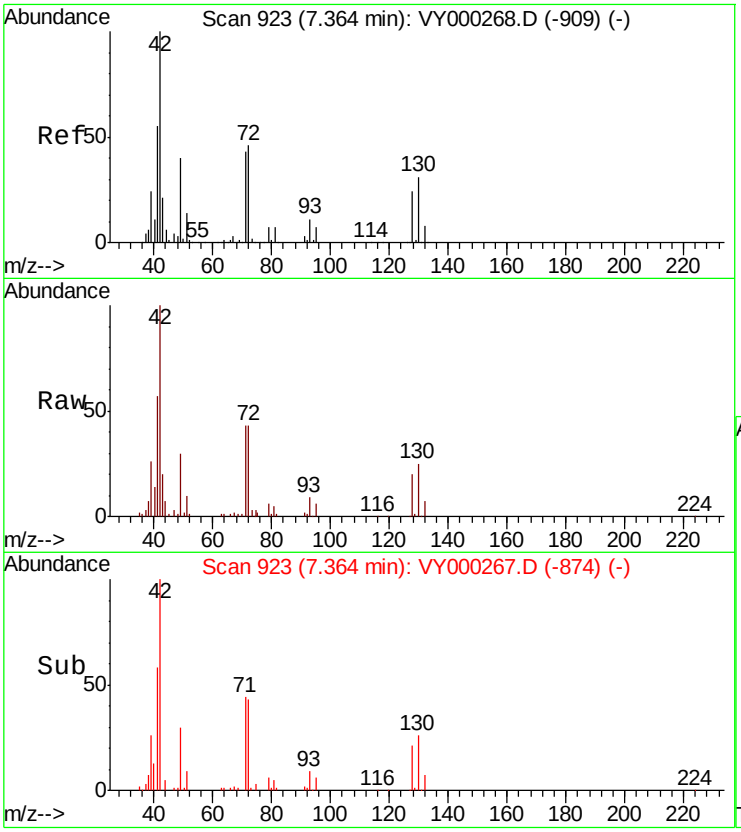




#28
Bromochloromethane
Concen: 17.305 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 49 Resp: 39357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 4.0 |
| 130 | 79.3 | 58.2 | 87.2 |



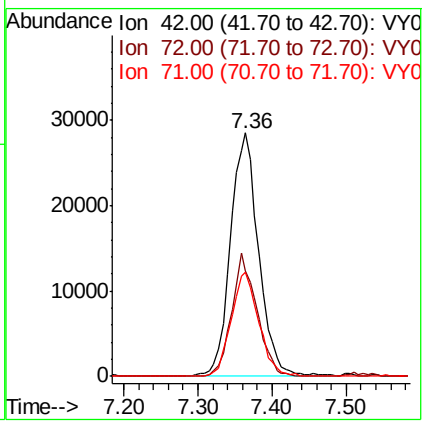


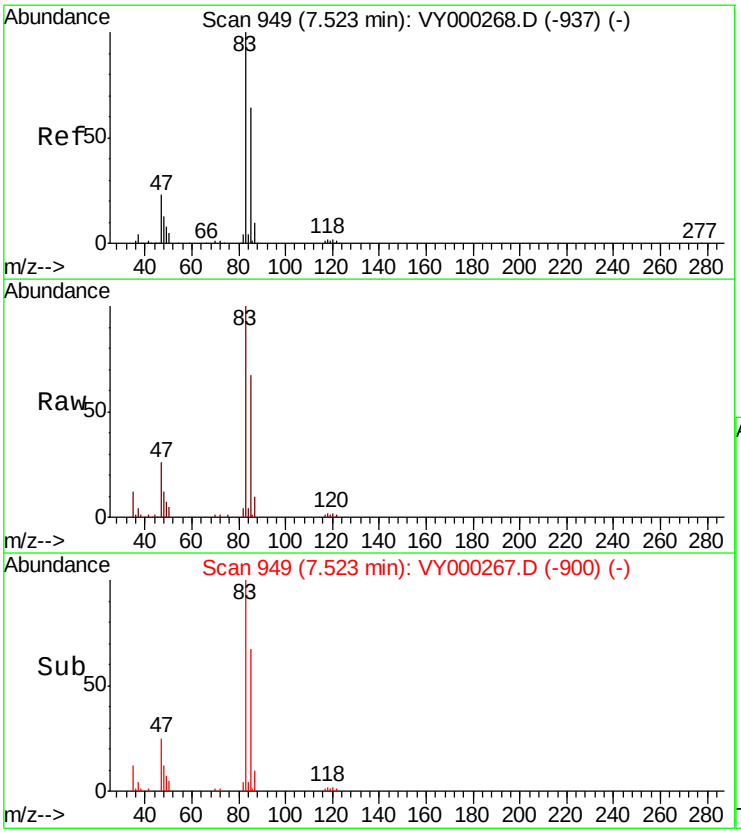

#29
Tetrahydrofuran
Concen: 94.598 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 42 Resp: 75642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.0 | 34.5 | 51.7 |
| 71 | 41.9 | 32.7 | 49.1 |

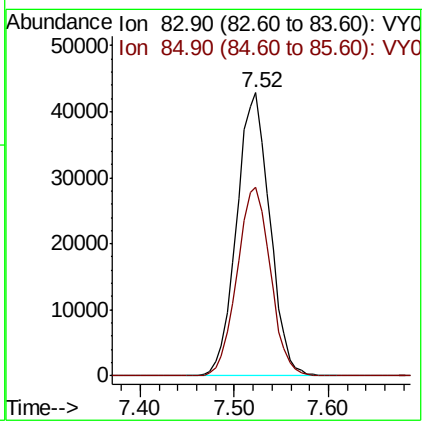


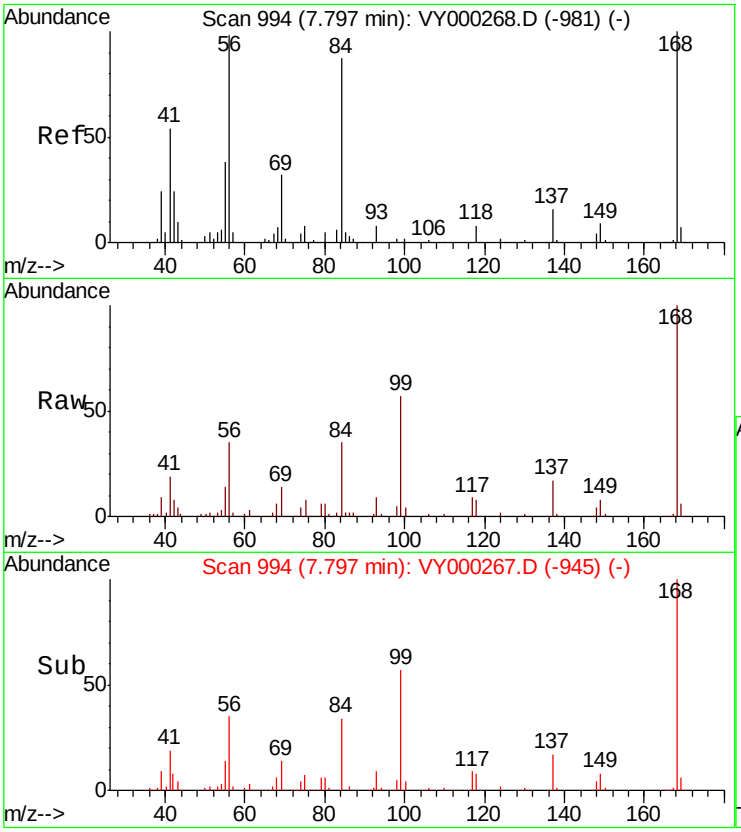




#30
Chloroform
Concen: 19.594 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 83 Resp: 104541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.6 | 51.4 | 77.2 |



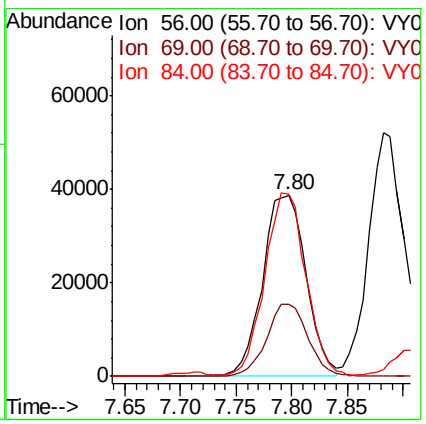


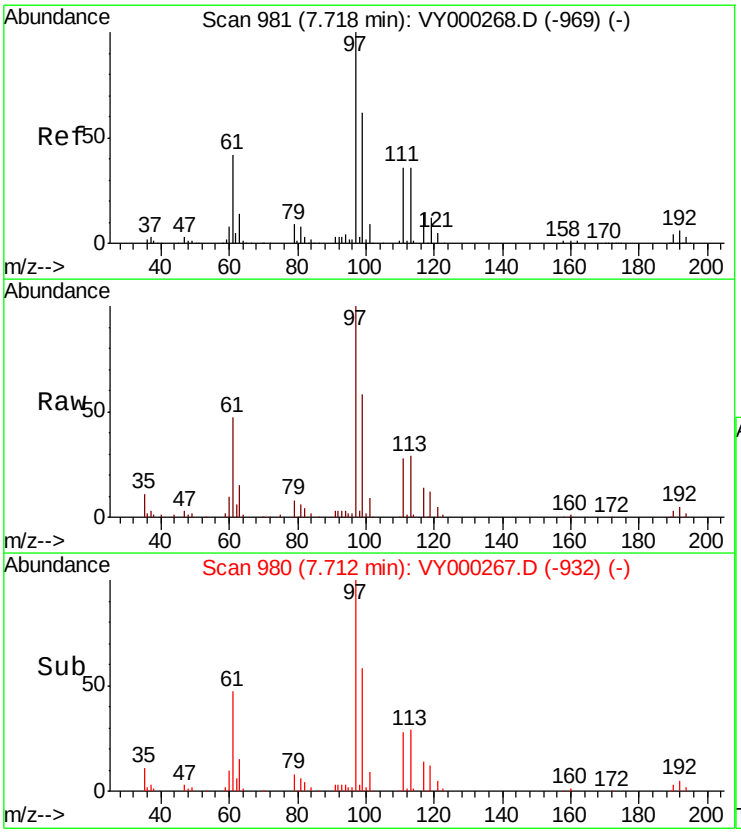

#31
Cyclohexane
Concen: 19.087 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 56 Resp: 105613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 39.8 | 26.3 | 39.5# |
| 84 | 99.2 | 70.8 | 106.2 |

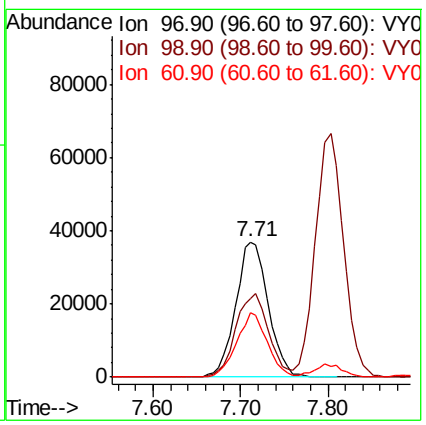


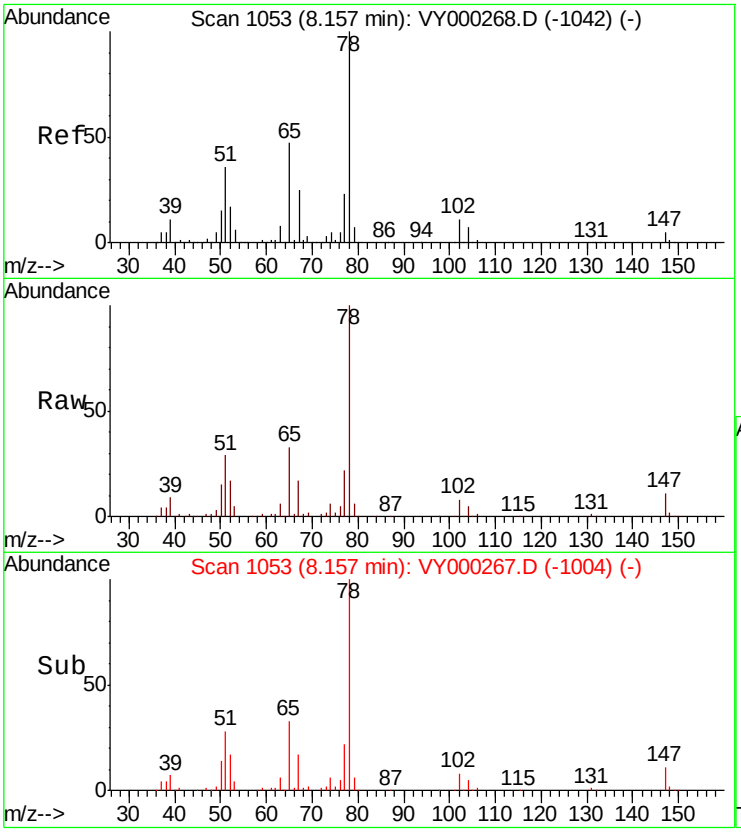




#32
1,1,1-Trichloroethane
Concen: 20.032 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 97 Resp: 95018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.0 | 51.7 | 77.5 |
| 61 | 44.6 | 34.5 | 51.7 |



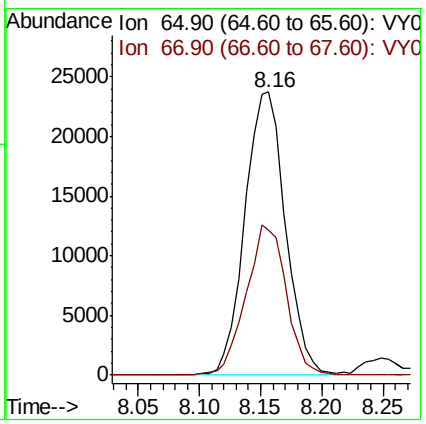


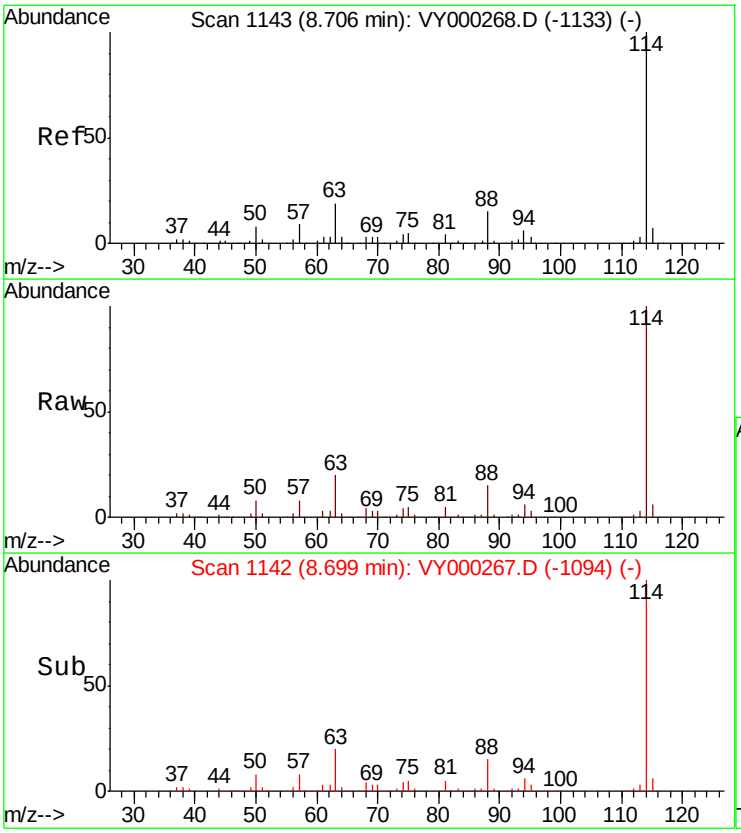

#33
1,2-Dichloroethane-d4
Concen: 18.890 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 65 Resp: 54634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.6 | 0.0 | 109.4 |

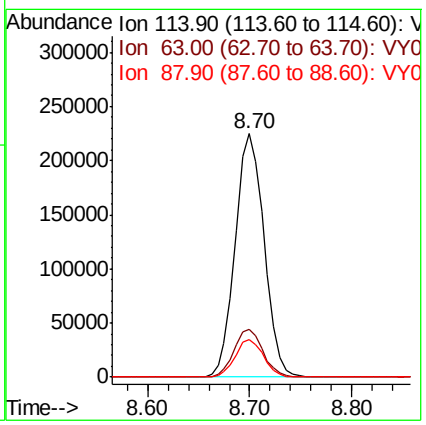


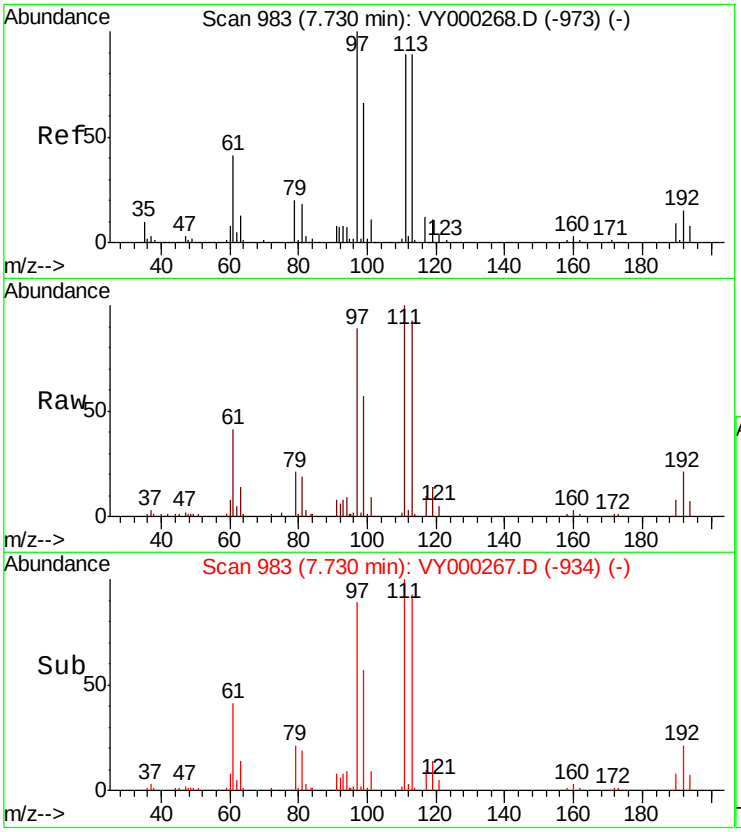




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:114 Resp: 439872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.6 | 0.0 | 37.2 |
| 88 | 15.3 | 0.0 | 30.2 |



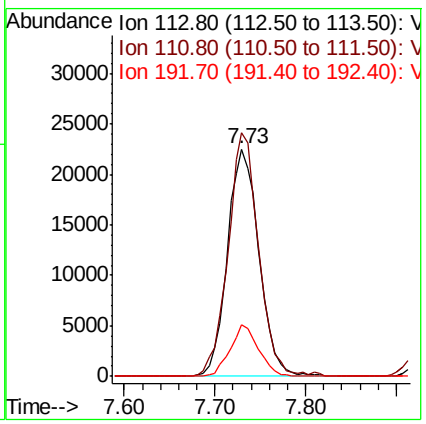


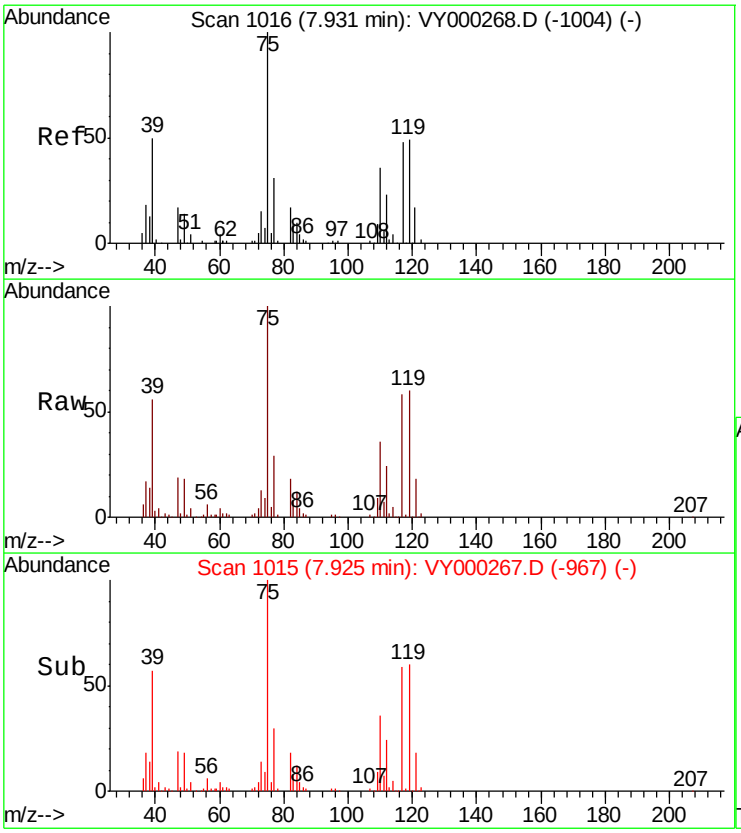

#35
Dibromofluoromethane
Concen: 20.619 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:113 Resp: 54709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 81.6 | 122.4 |
| 192 | 20.2 | 15.3 | 22.9 |

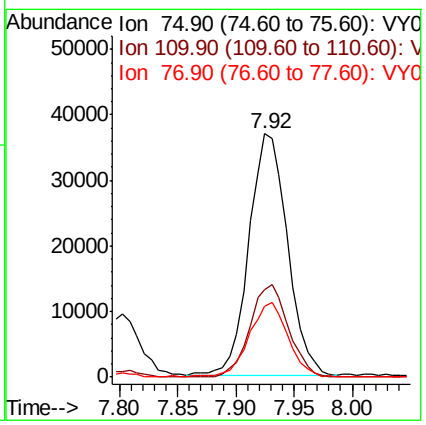


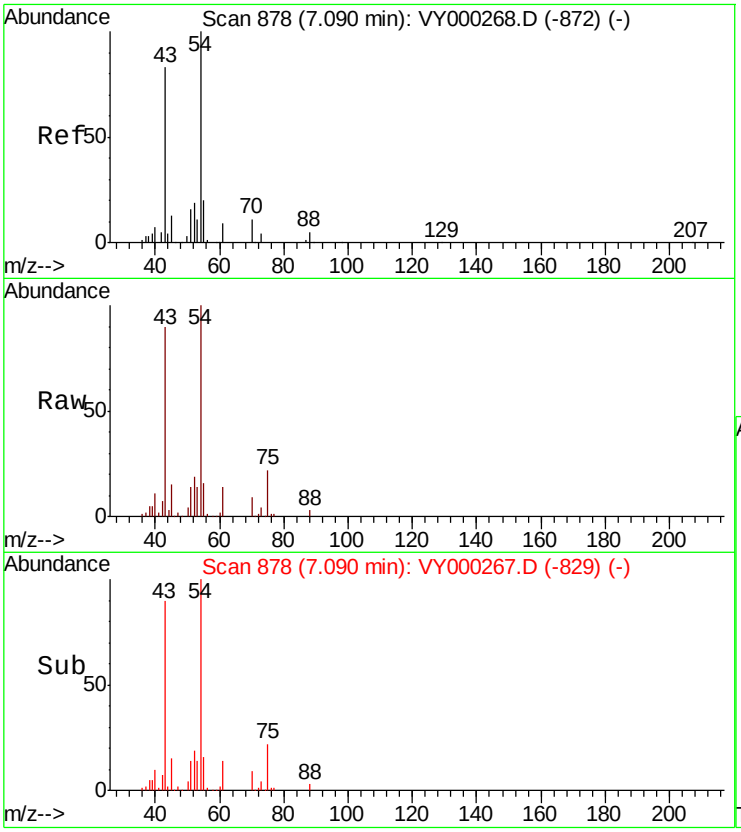




#36
1,1-Dichloropropene
Concen: 19.915 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 75 Resp: 85767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.9 | 18.4 | 55.4 |
| 77 | 31.0 | 25.0 | 37.6 |



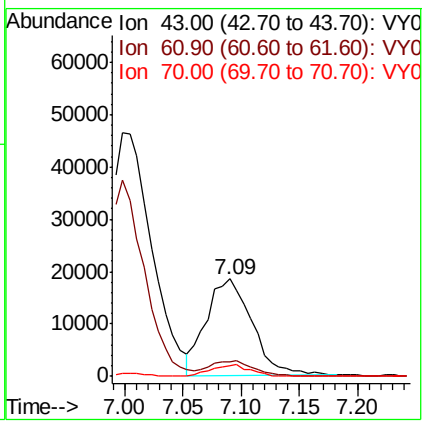


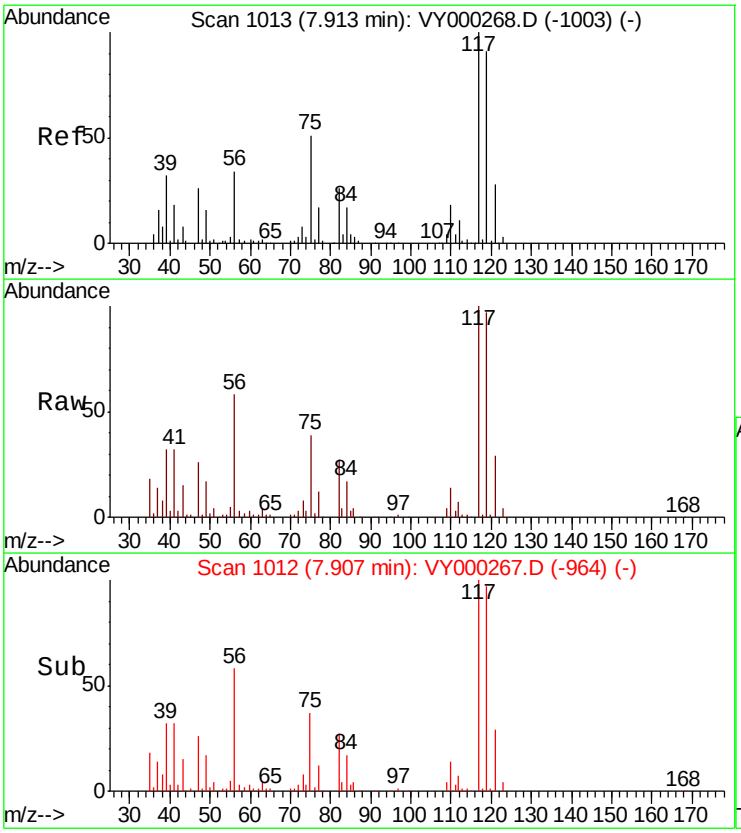

#37
Ethyl Acetate
Concen: 19.797 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 43 Resp: 50482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.5 | 12.1 | 18.1 |
| 70 | 10.2 | 8.7 | 13.1 |

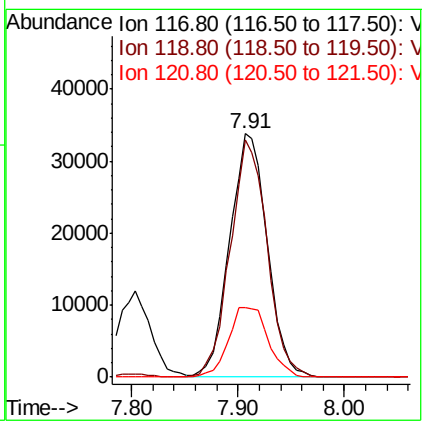


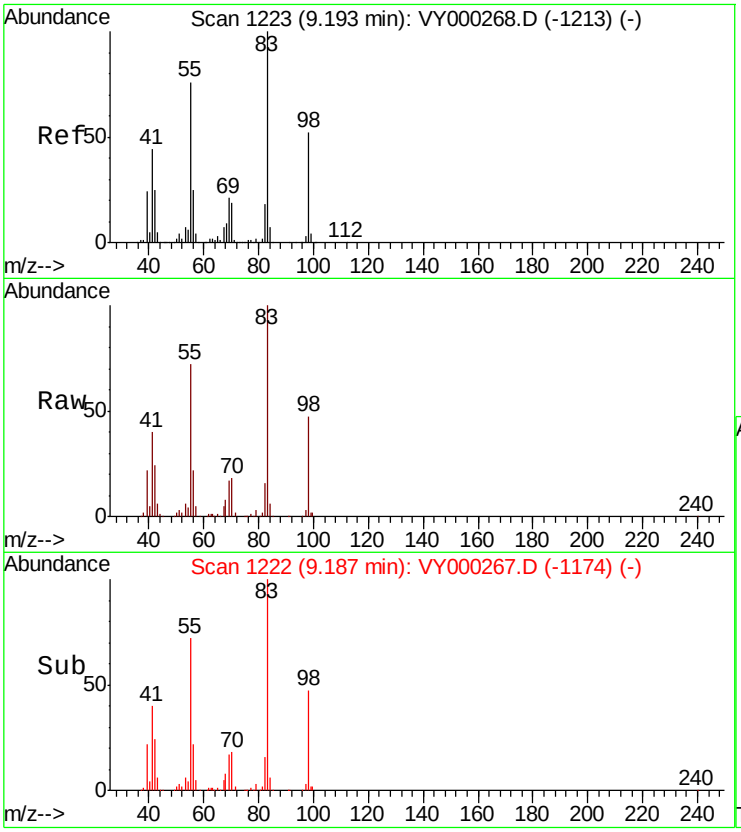




#38
Carbon Tetrachloride
Concen: 20.055 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:117 Resp: 83625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.5 | 72.8 | 109.2 |
| 121 | 28.7 | 22.2 | 33.2 |



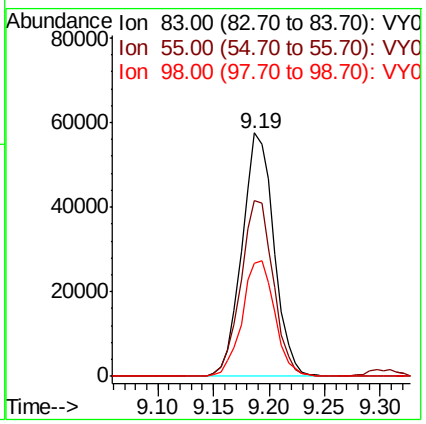


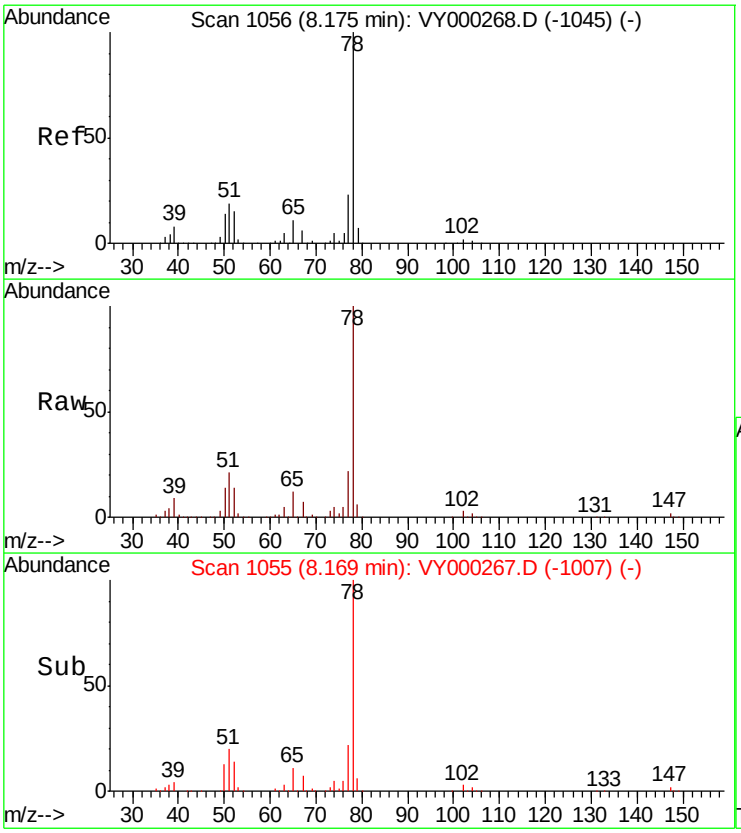

#39
Methylcyclohexane
Concen: 20.423 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 83 Resp: 115113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 72.3 | 60.9 | 91.3 |
| 98 | 46.6 | 41.8 | 62.6 |

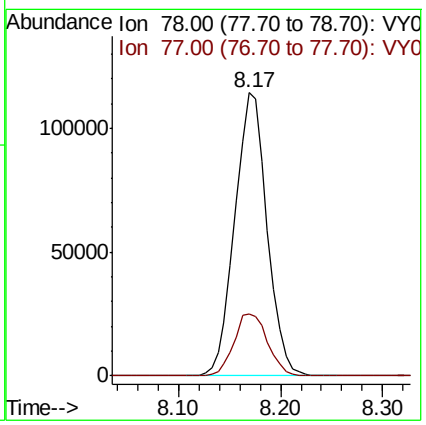


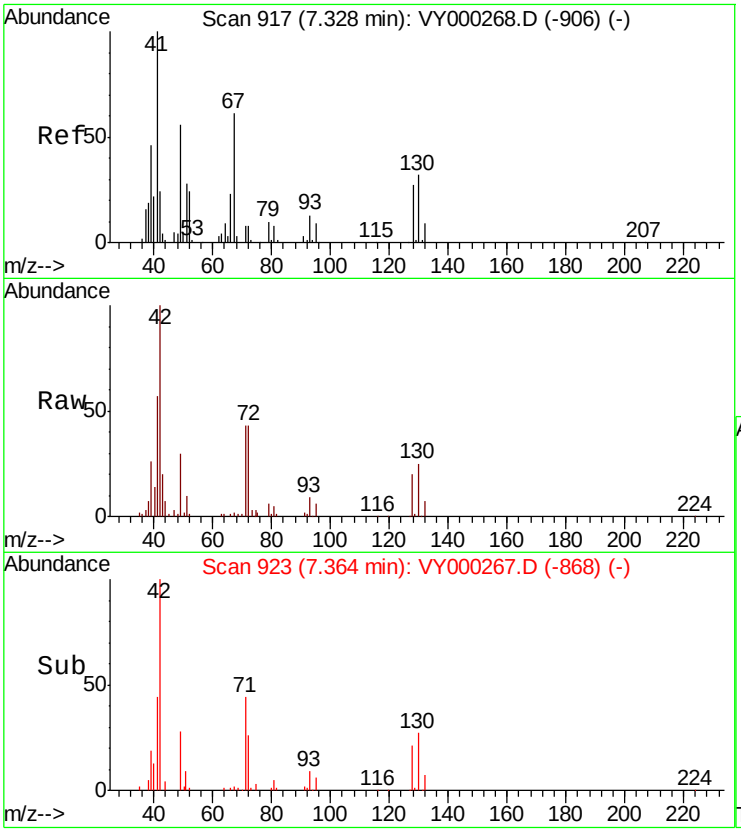




#40
Benzene
Concen: 20.105 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 78 Resp: 250223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.0 | 18.8 | 28.2 |



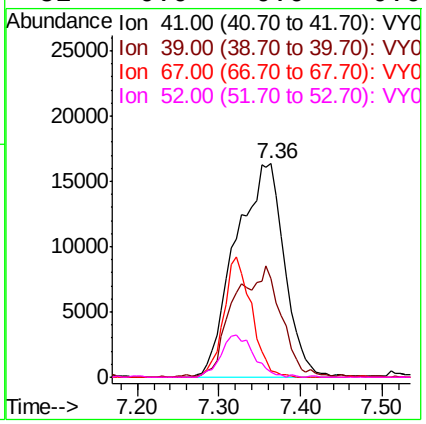


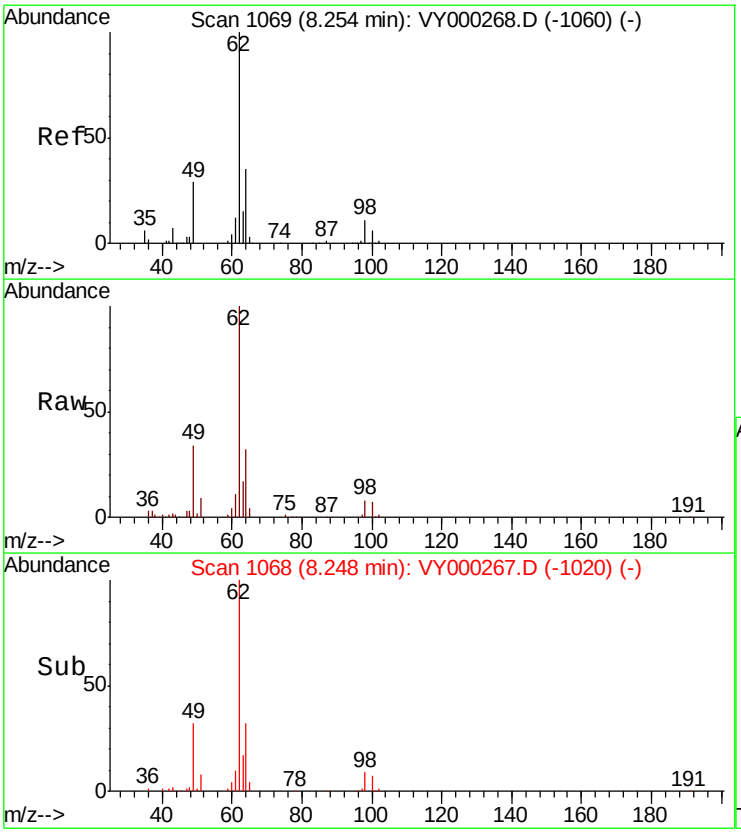

#41
Methacrylonitrile
Concen: 60.914 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 41 Resp: 68227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 49.8 | 110.2 | 165.2# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

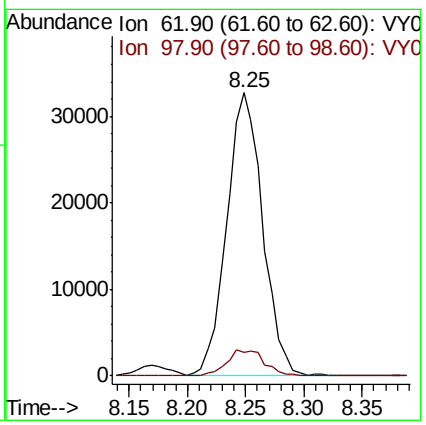


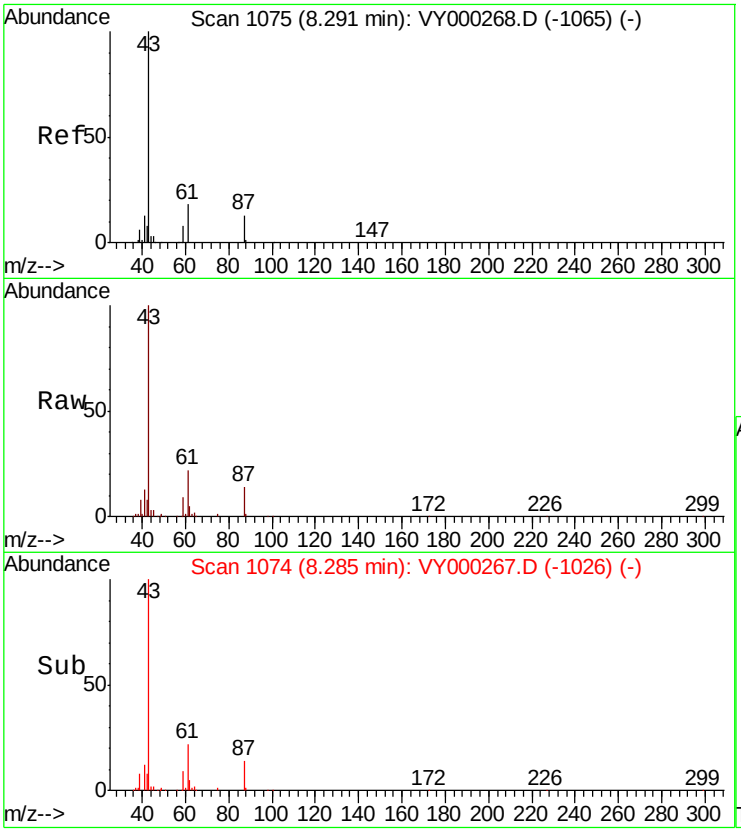




#42
1,2-Dichloroethane
Concen: 19.714 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 62 Resp: 70086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.5 | 0.0 | 20.6 |



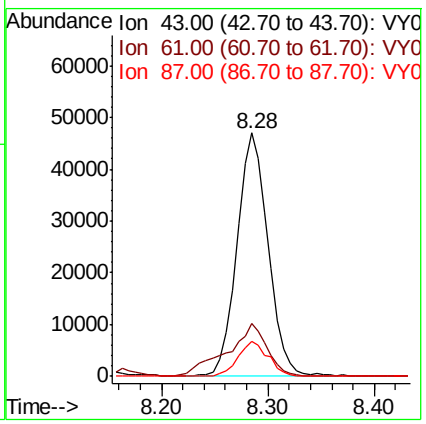


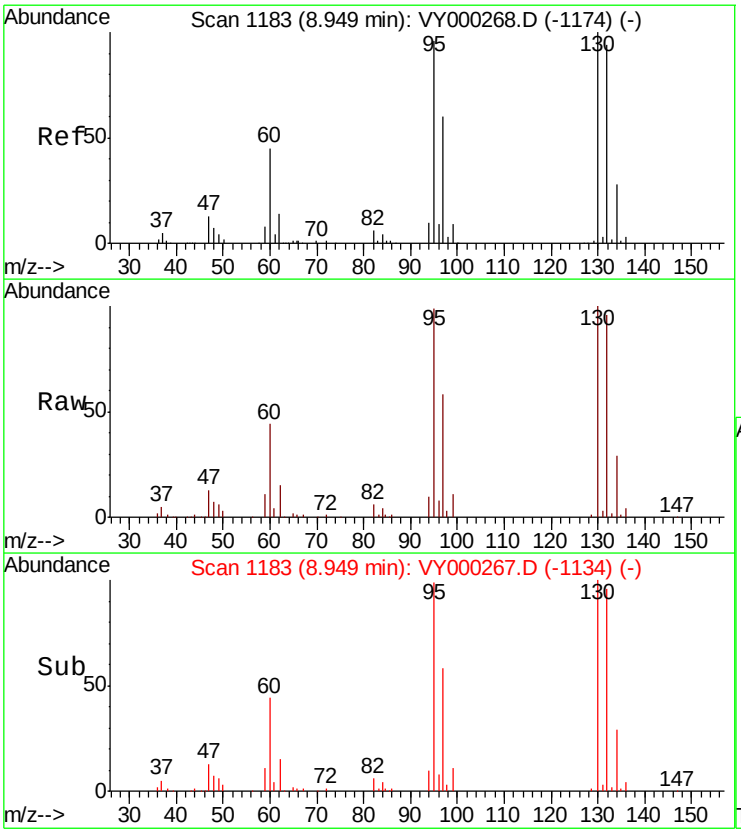

#43
Isopropyl Acetate
Concen: 19.886 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 43 Resp: 96422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 27.8 | 22.3 | 33.5 |
| 87 | 14.0 | 10.9 | 16.3 |

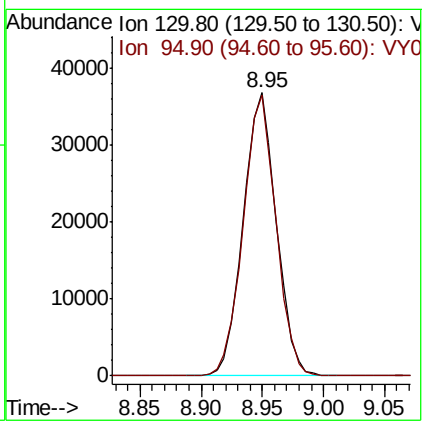


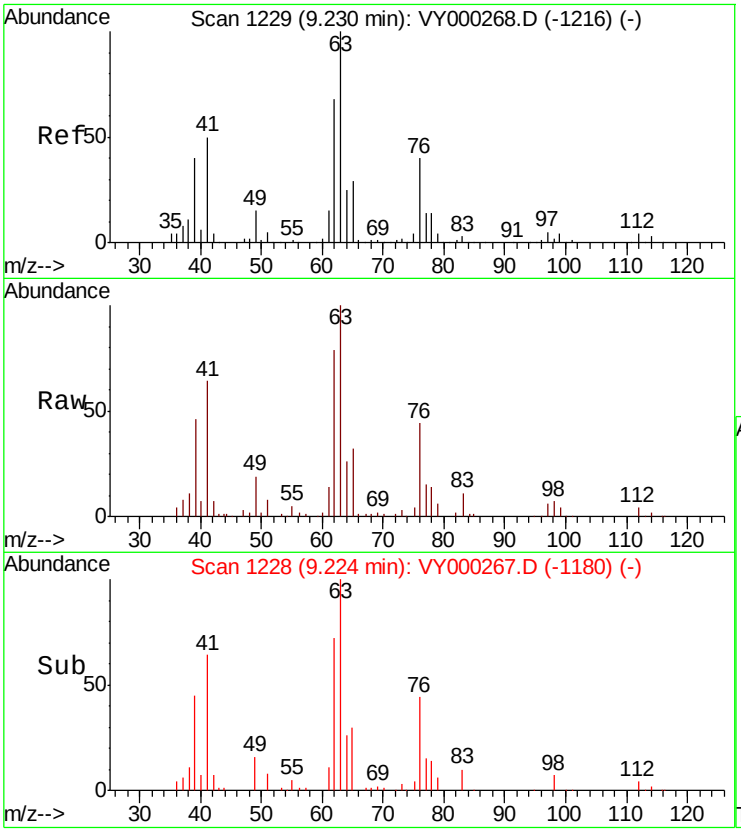




#44
Trichloroethene
Concen: 19.893 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:130 Resp: 69468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 99.2 | 0.0 | 191.4 |



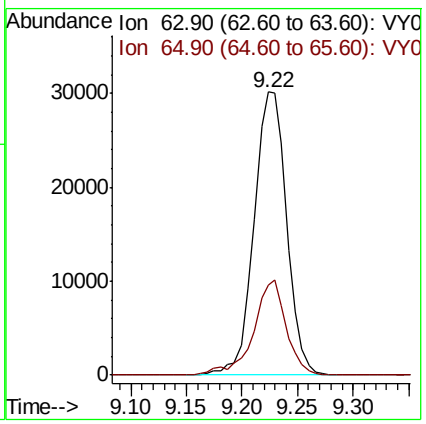


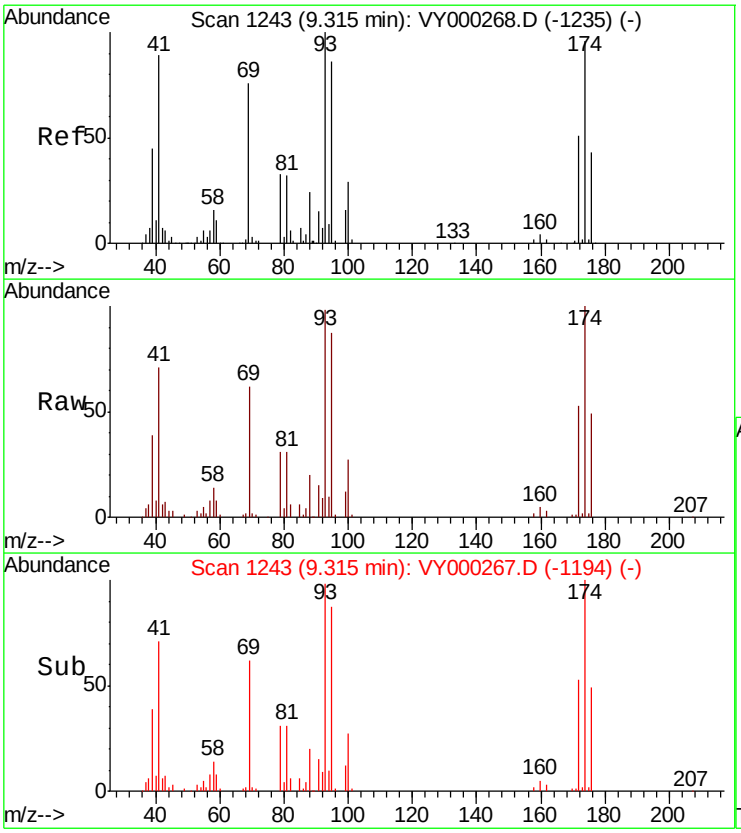

#45
1,2-Dichloropropane
Concen: 20.130 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 63 Resp: 61480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.9 | 23.2 | 34.8 |

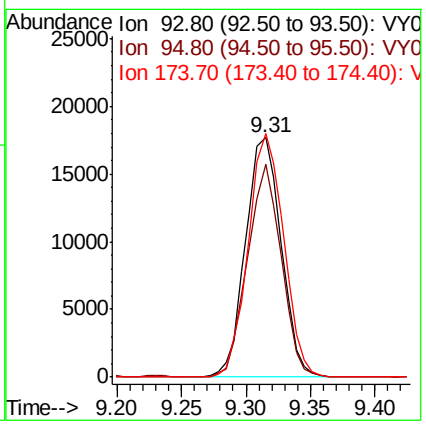


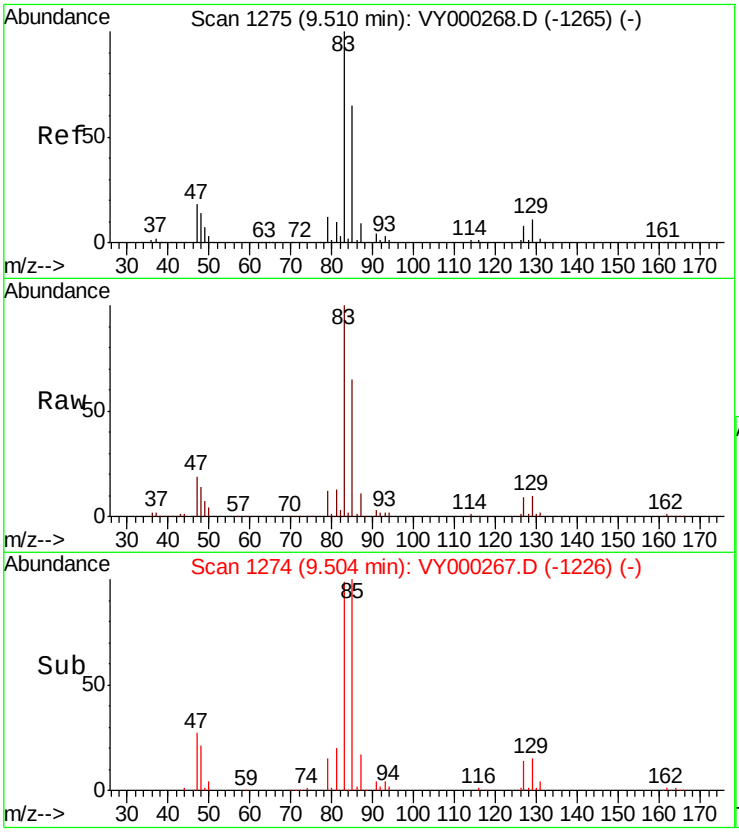




#46
Dibromomethane
Concen: 19.787 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 93 Resp: 33783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.1 | 68.2 | 102.2 |
| 174 | 101.2 | 79.8 | 119.6 |



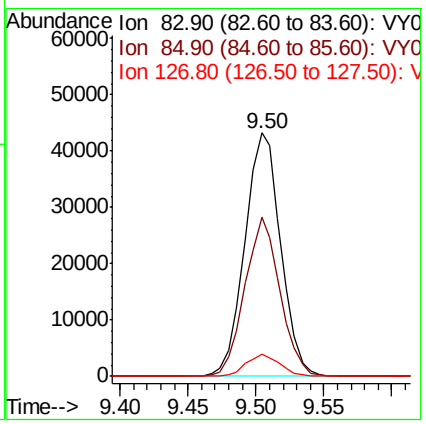


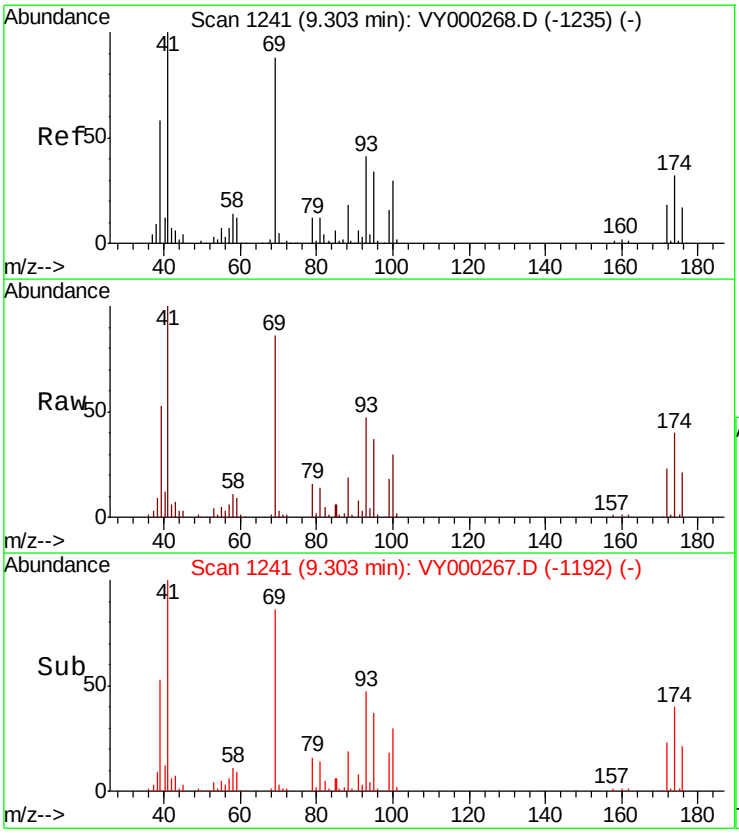

#47
Bromodichloromethane
Concen: 19.861 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 83 Resp: 79916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.5 | 52.2 | 78.2 |
| 127 | 8.9 | 6.3 | 9.5 |

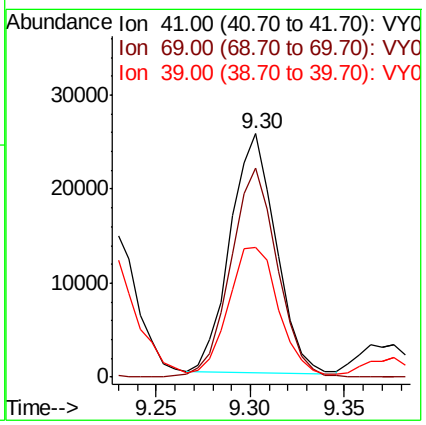


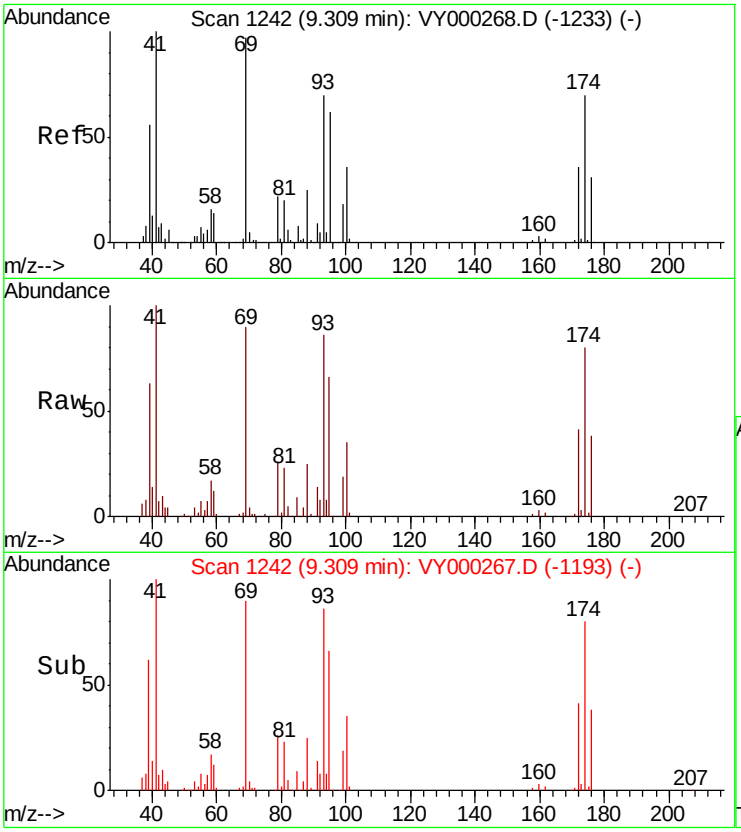




#48
Methyl methacrylate
Concen: 20.171 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 41 Resp: 42863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 88.9 | 70.0 | 105.0 |
| 39 | 60.2 | 47.7 | 71.5 |



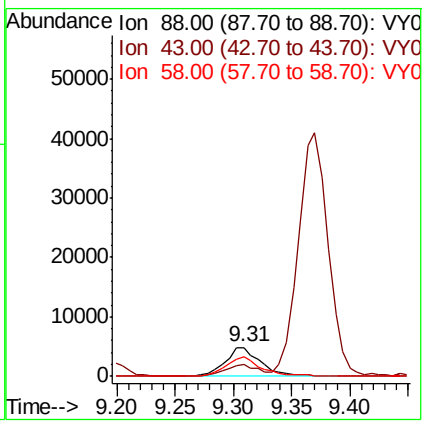


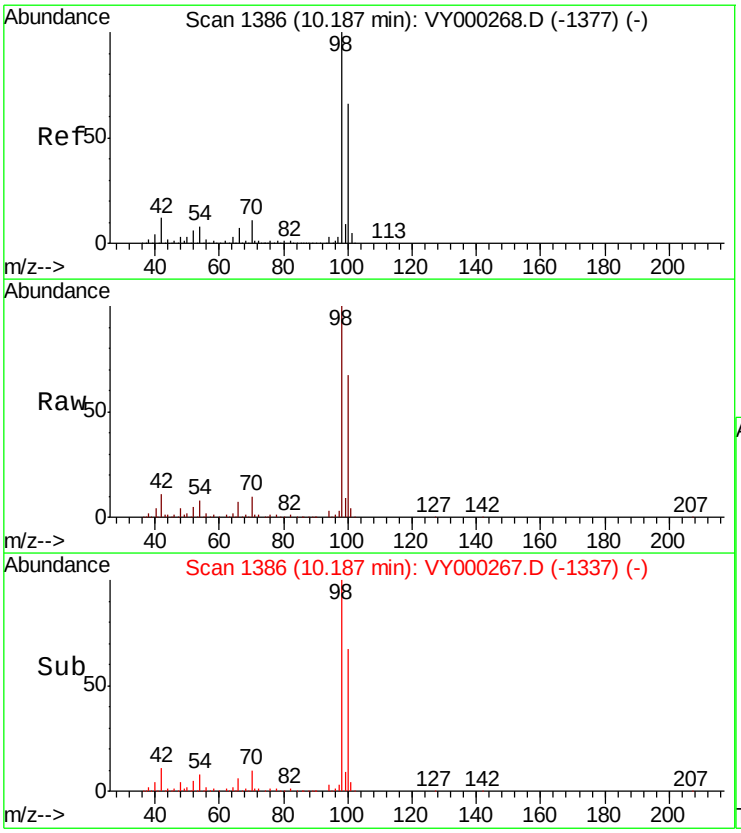

#49
1,4-Dioxane
Concen: 403.442 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 88 Resp: 10328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 40.6 | 25.6 | 38.4# |
| 58 | 69.5 | 54.6 | 81.8 |

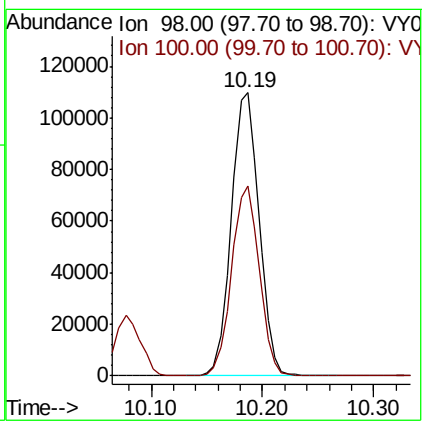


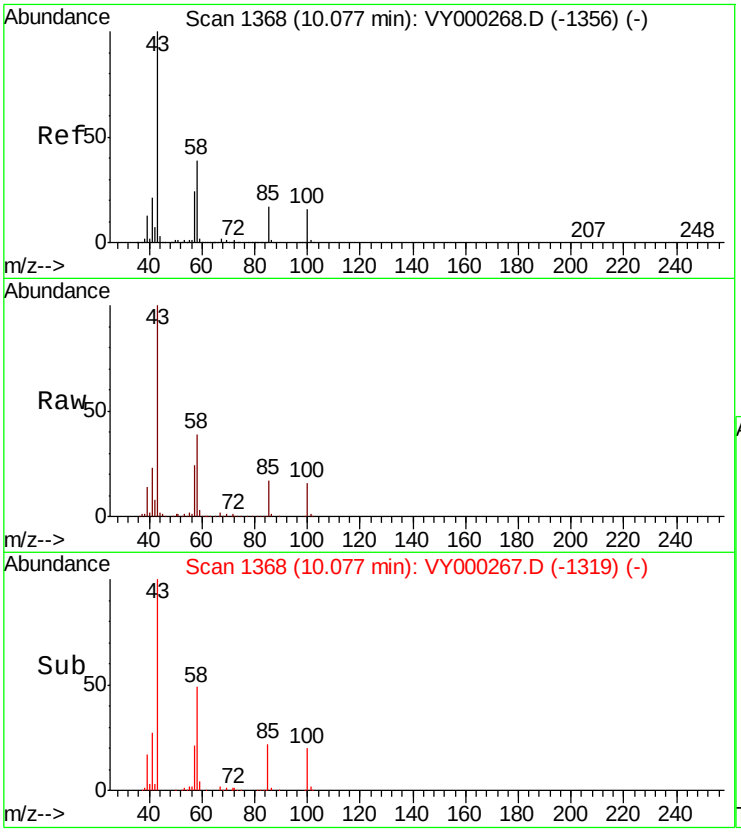




#50
Toluene-d8
Concen: 18.546 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 98 Resp: 189293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 52.8 | 79.2 |



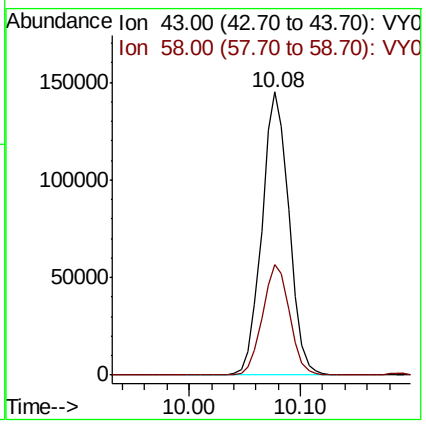


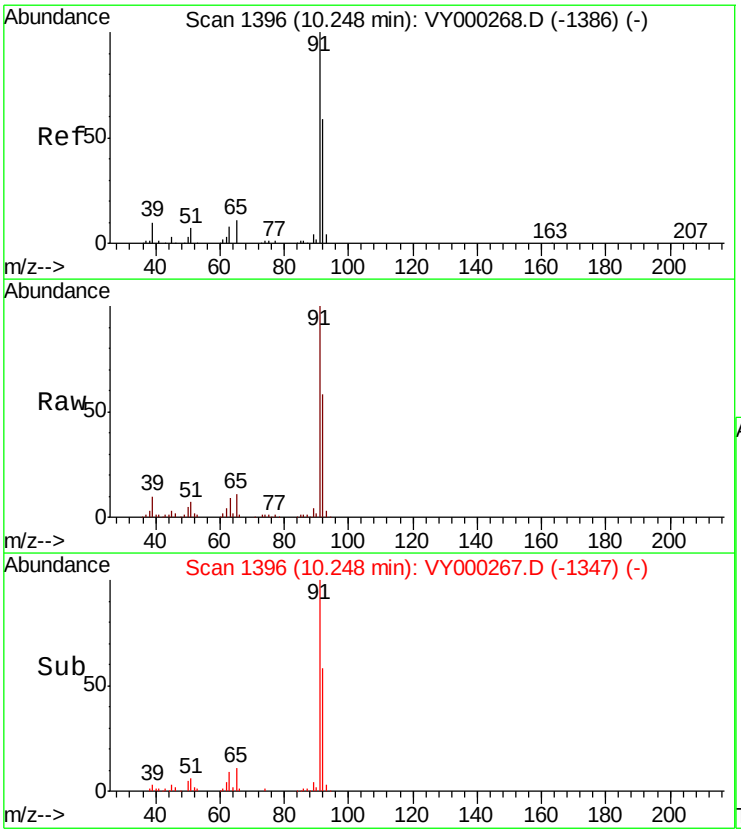

#51
4-Methyl-2-Pentanone
Concen: 98.458 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 43 Resp: 246226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.1 | 31.0 | 46.6 |

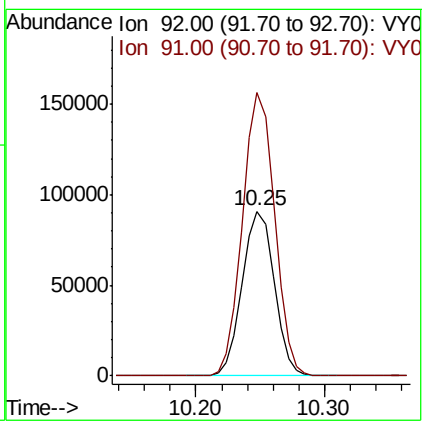


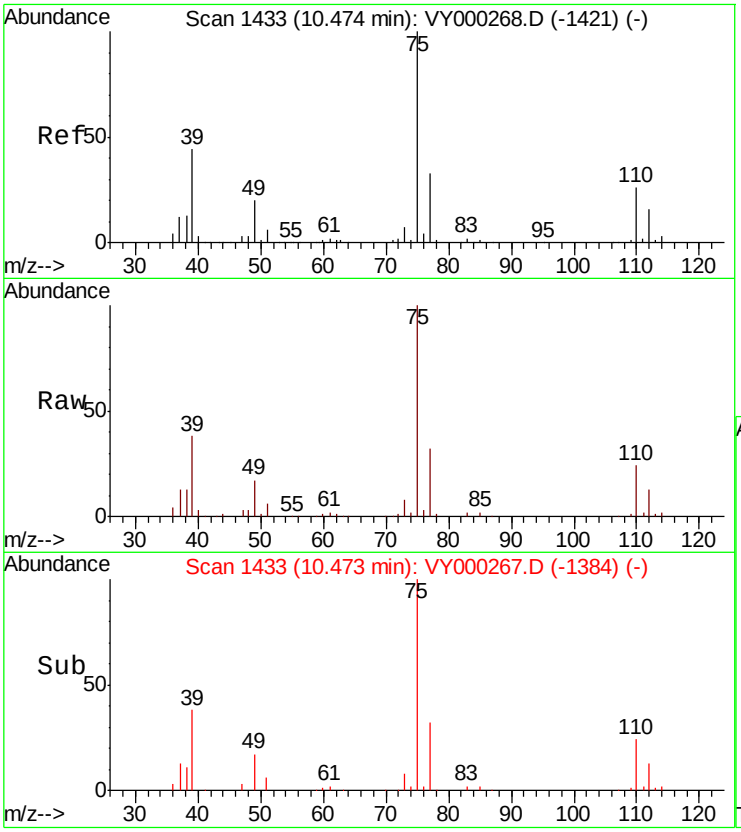




#52
Toluene
Concen: 19.790 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 92 Resp: 156372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.2 | 136.6 | 205.0 |



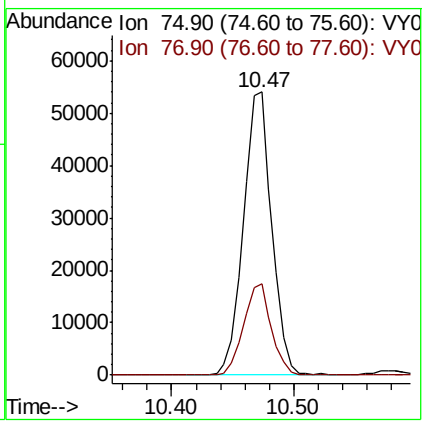


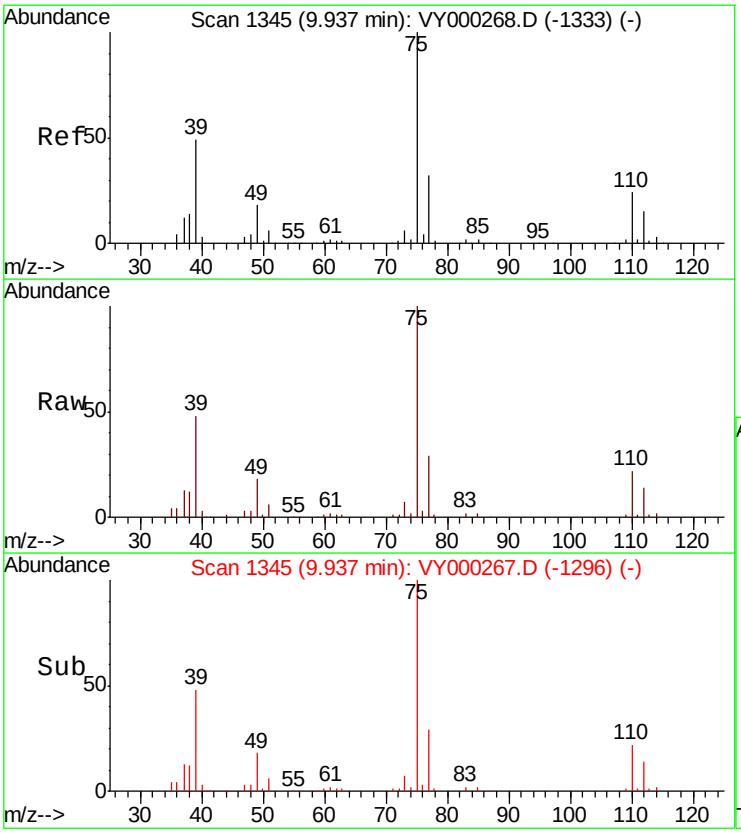

#53
t-1,3-Dichloropropene
Concen: 20.150 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 75 Resp: 86890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 26.0 | 39.0 |

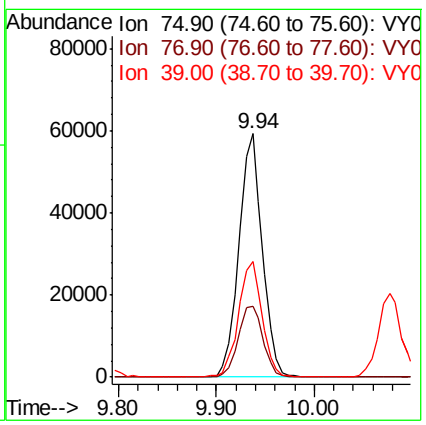


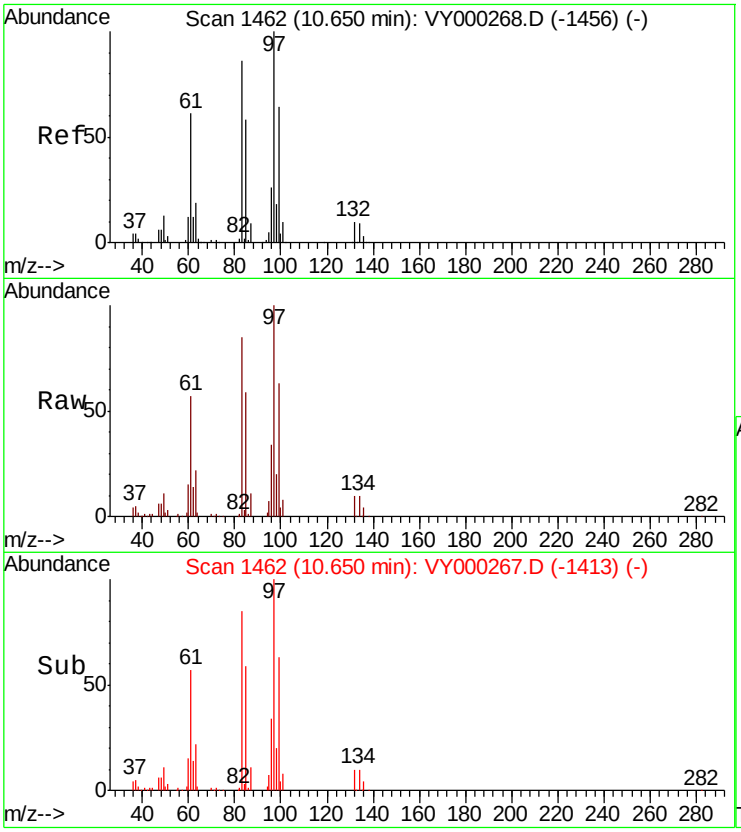




#54
cis-1,3-Dichloropropene
Concen: 20.016 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 75 Resp: 98021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.1 | 26.0 | 39.0 |
| 39 | 47.6 | 38.8 | 58.2 |



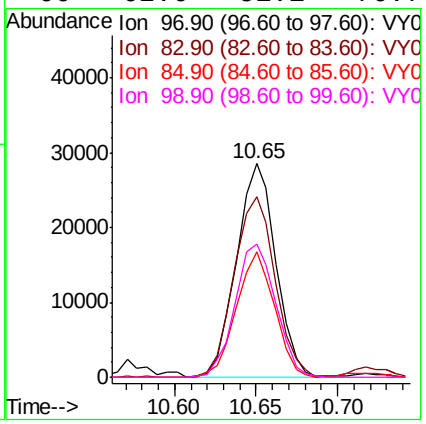


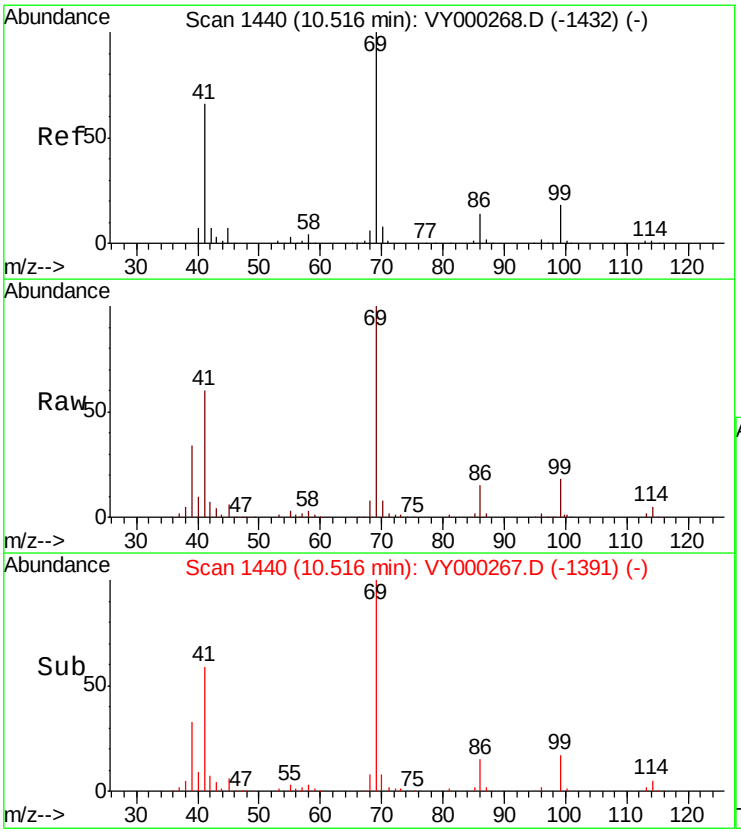

#55
1,1,2-Trichloroethane
Concen: 19.316 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 97 Resp: 47951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.6 | 69.0 | 103.6 |
| 85 | 58.7 | 46.2 | 69.4 |
| 99 | 62.6 | 51.1 | 76.7 |

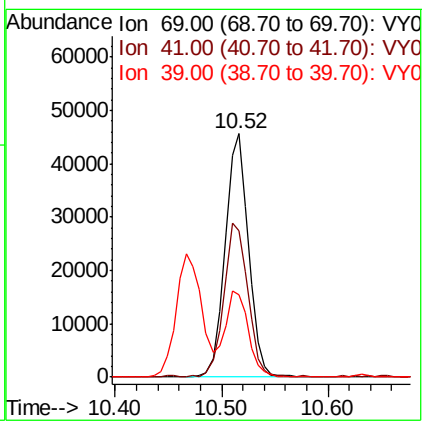


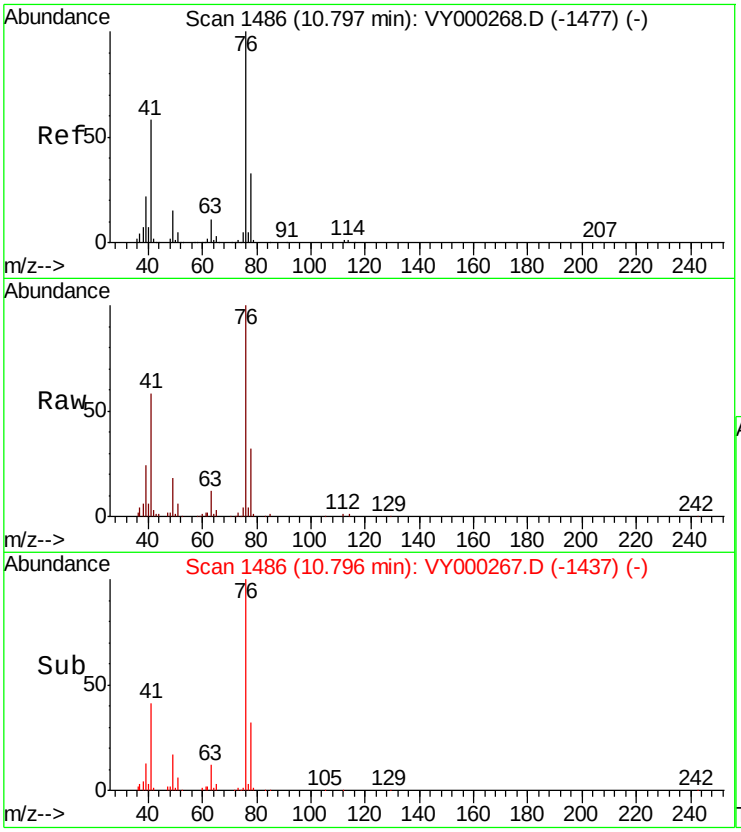




#56
Ethyl methacrylate
Concen: 19.823 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 69 Resp: 70142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.4 | 52.5 | 78.7 |
| 39 | 35.9 | 26.7 | 40.1 |



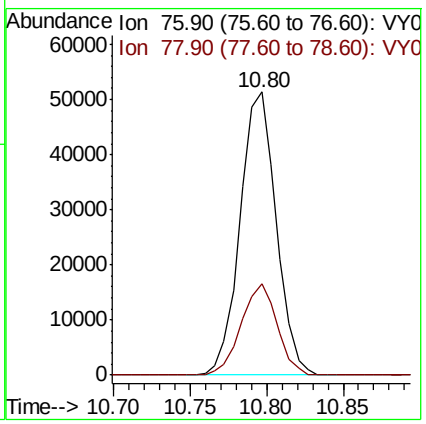


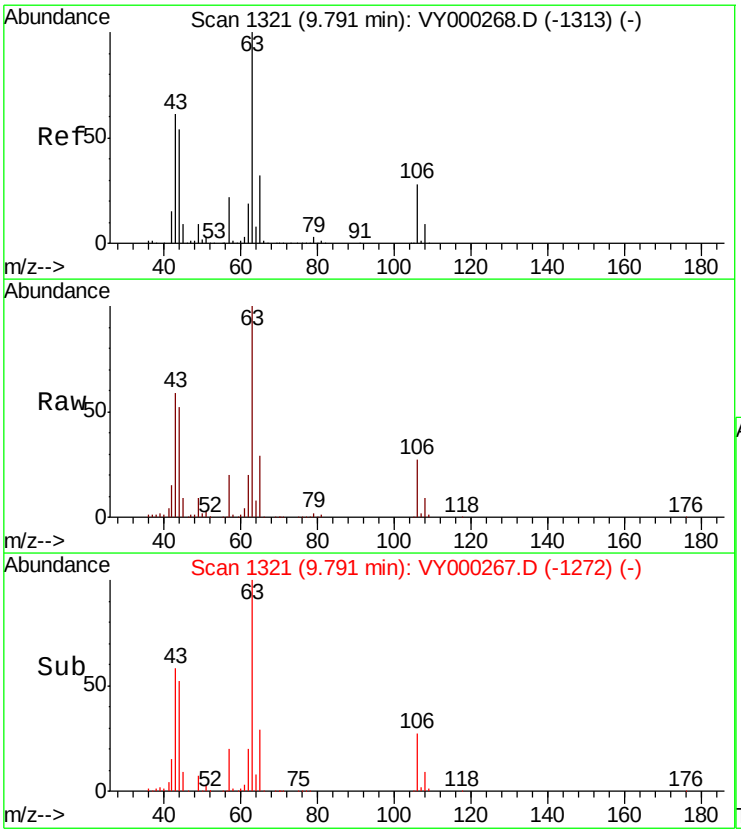

#57
1,3-Dichloropropane
Concen: 19.759 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 76 Resp: 84239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 26.2 | 39.2 |

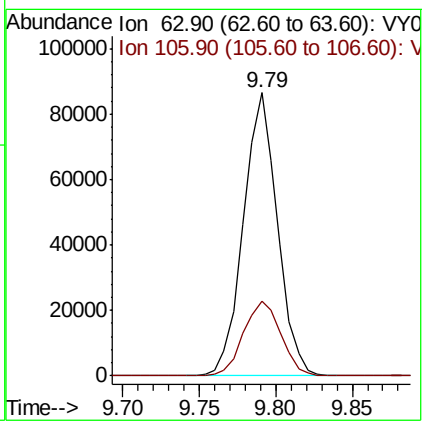


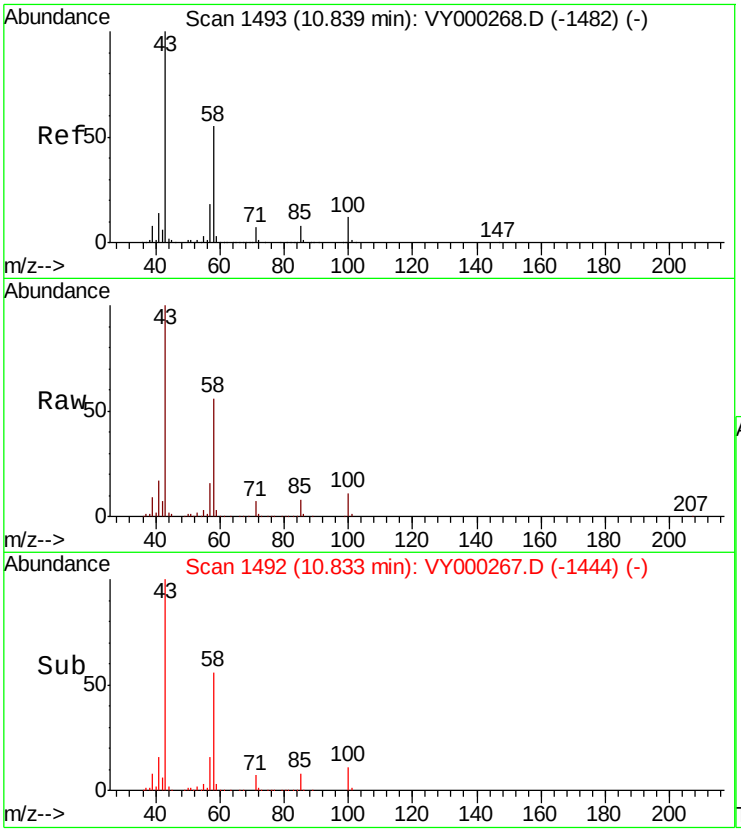




#58
2-Chloroethyl Vinyl ether
Concen: 94.712 ug/l
RT: 9.79 min Scan# 1321
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 63 Resp: 133672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.2 | 23.0 | 34.4 |



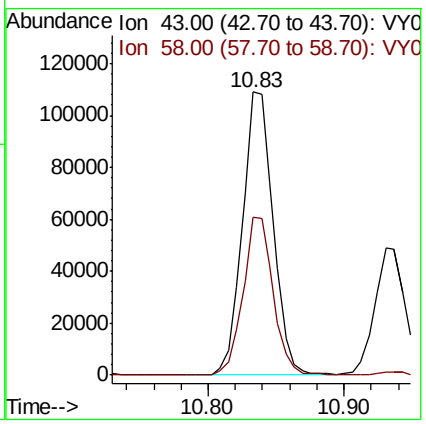


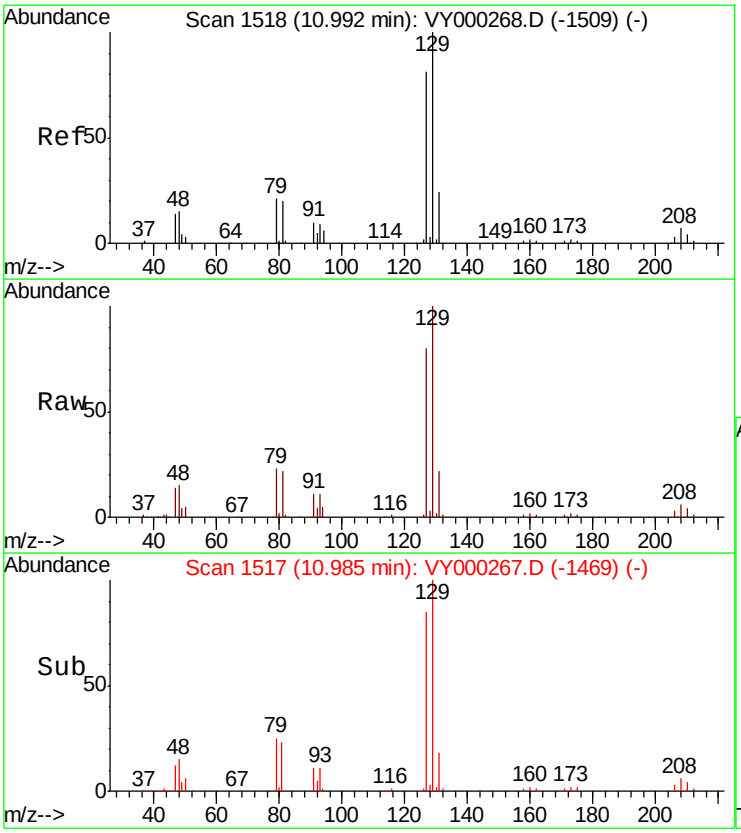

#59
2-Hexanone
Concen: 97.770 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 43 Resp: 171622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.8 | 27.7 | 83.1 |

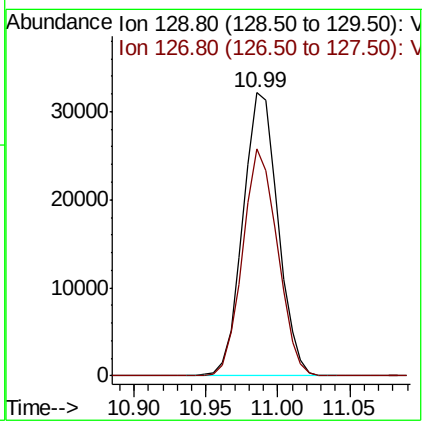


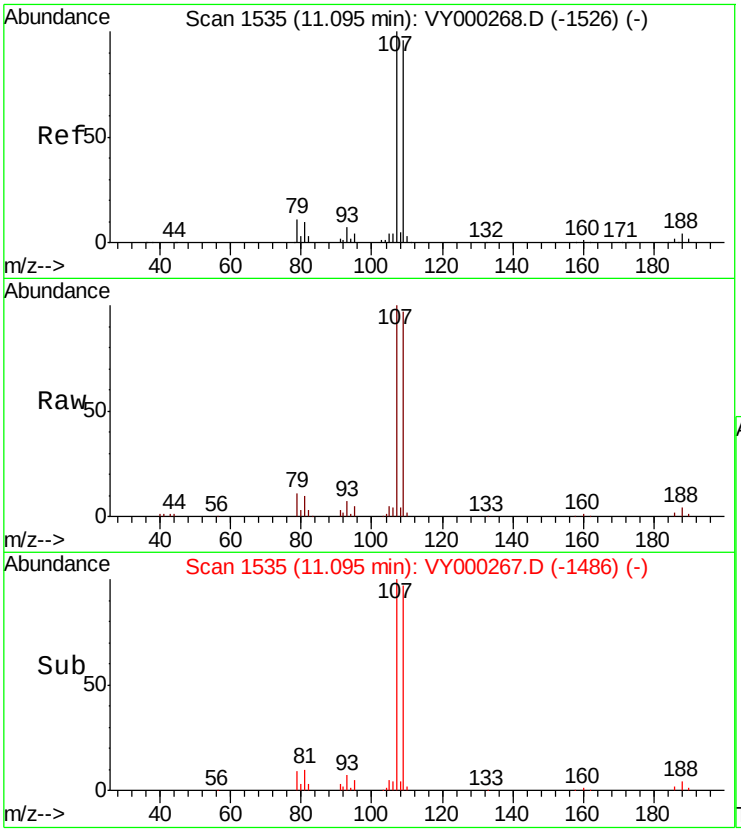




#60
Dibromochloromethane
Concen: 19.648 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:129 Resp: 54060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.5 | 39.9 | 119.7 |



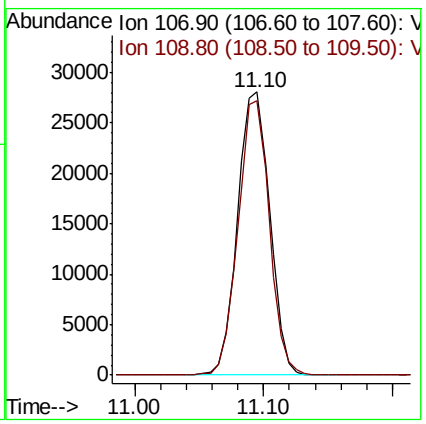


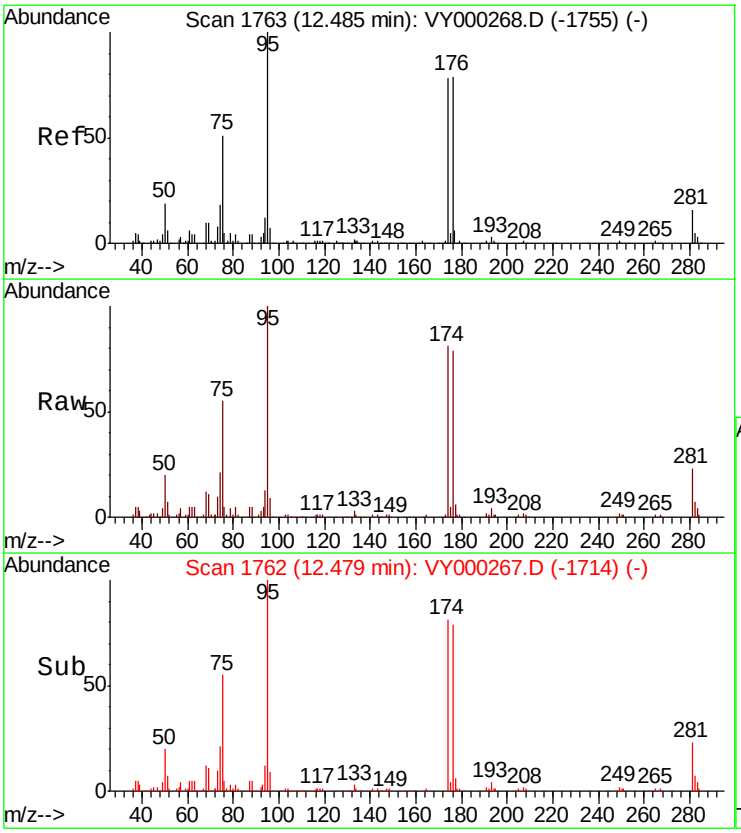

#61
1,2-Dibromoethane
Concen: 20.300 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:107 Resp: 48386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.2 | 75.1 | 112.7 |

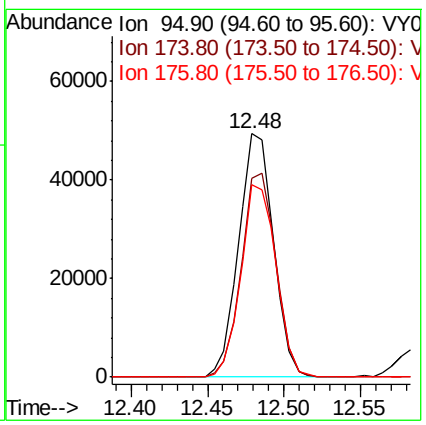


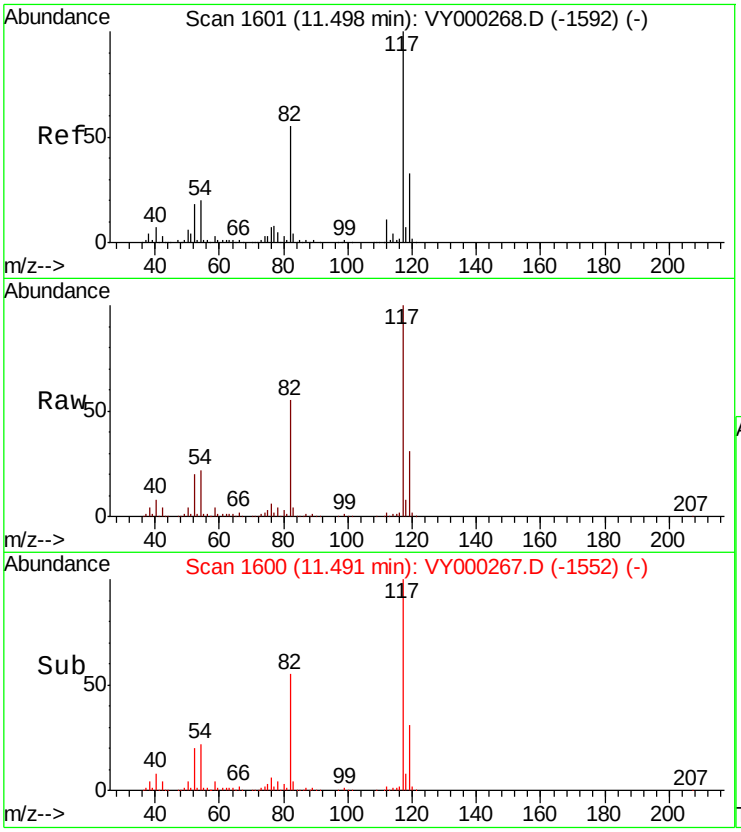




#62
4-Bromofluorobenzene
Concen: 20.119 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 95 Resp: 78015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.5 | 0.0 | 159.6 |
| 176 | 80.3 | 0.0 | 153.8 |



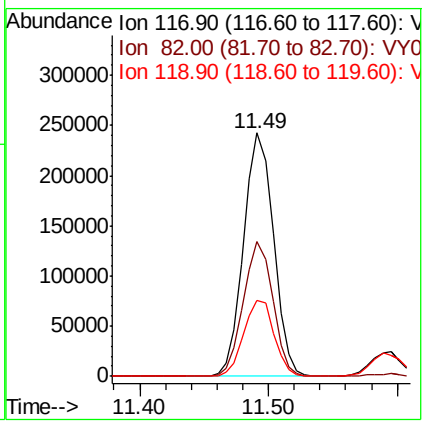


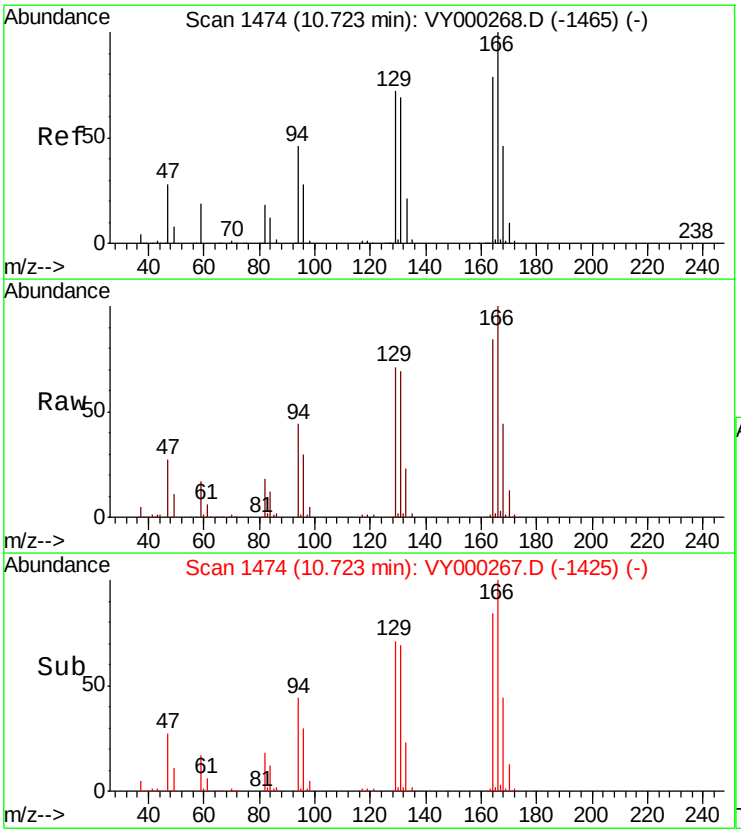

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:117 Resp: 389271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.4 | 43.7 | 65.5 |
| 119 | 31.4 | 26.6 | 39.8 |

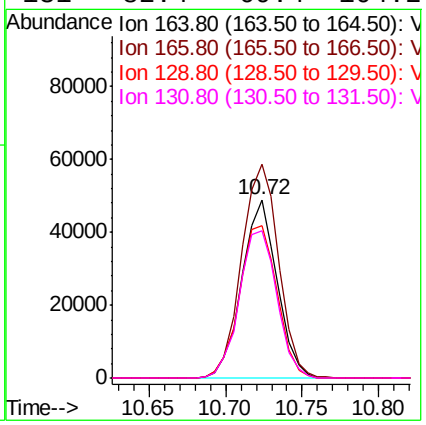


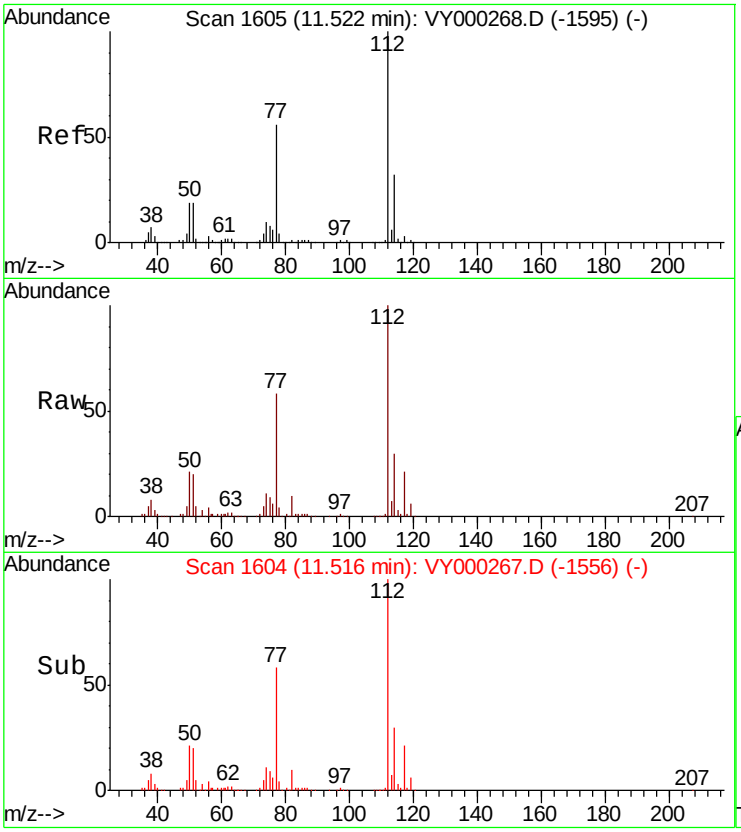




#64
Tetrachloroethene
Concen: 21.126 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:164 Resp: 78290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 119.8 | 100.6 | 151.0 |
| 129 | 85.3 | 72.8 | 109.2 |
| 131 | 82.4 | 69.4 | 104.2 |



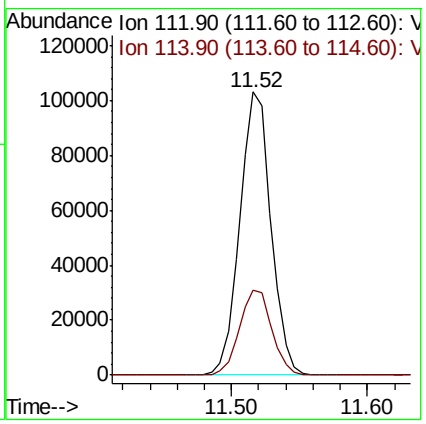


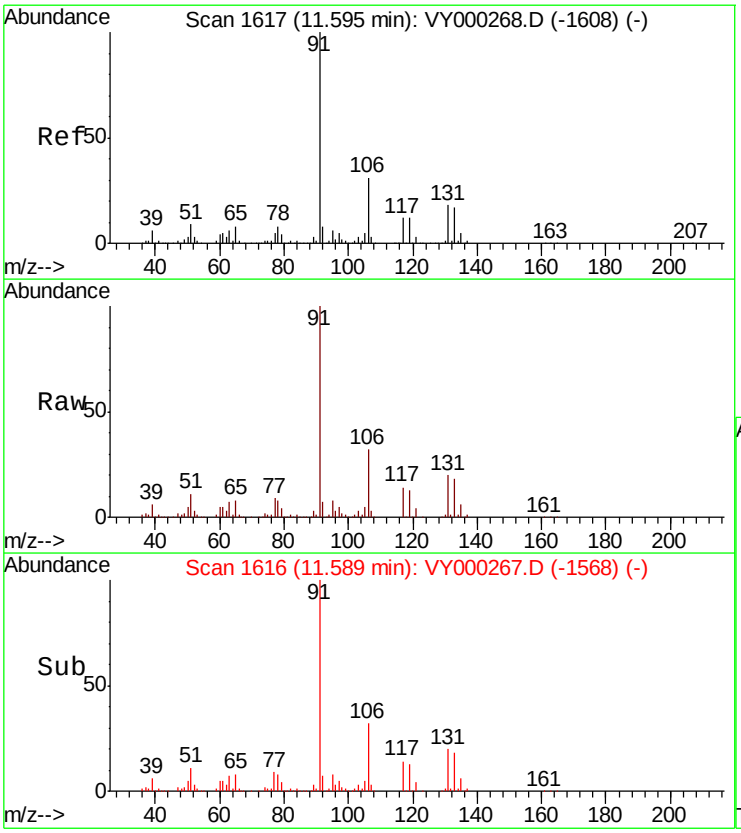

#65
Chlorobenzene
Concen: 20.022 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:112 Resp: 164488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.0 | 25.7 | 38.5 |

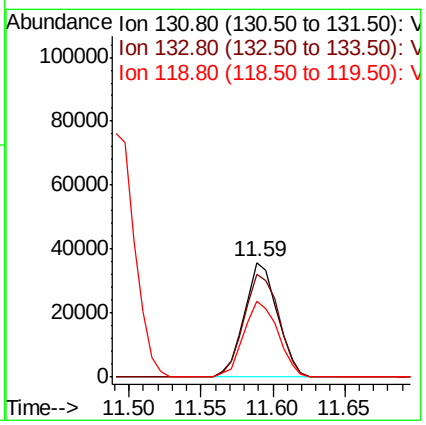


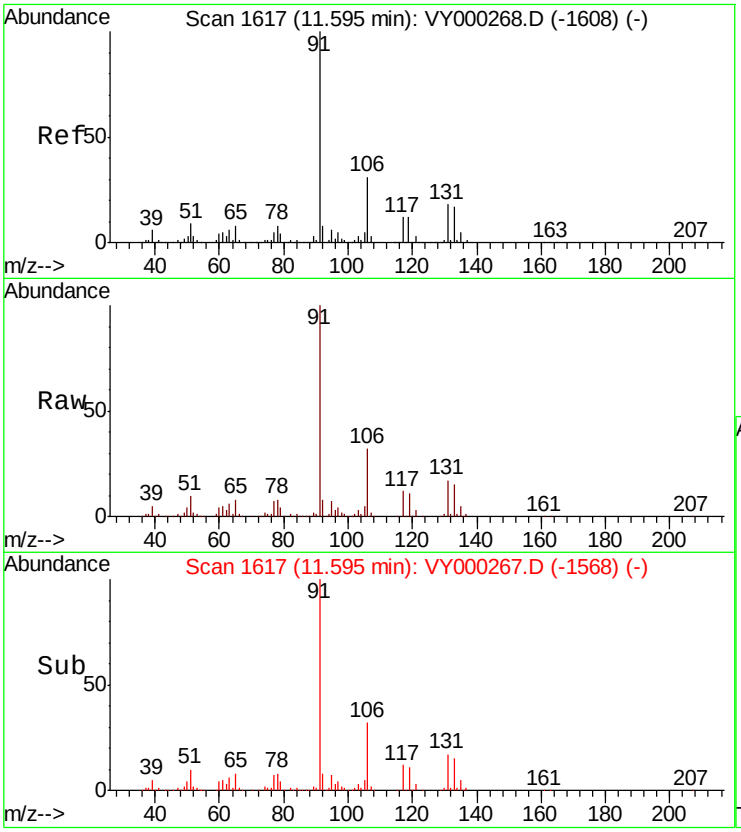




#66
1,1,1,2-Tetrachloroethane
Concen: 19.746 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:131 Resp: 56984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.2 | 47.2 | 141.6 |
| 119 | 68.5 | 32.6 | 98.0 |



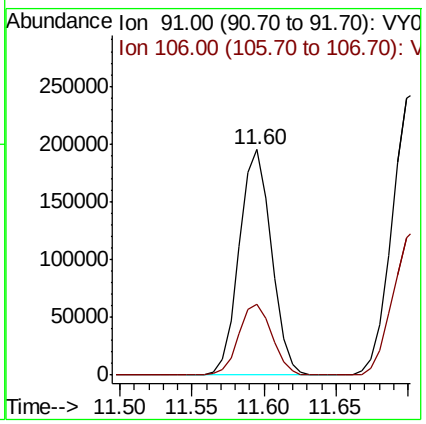


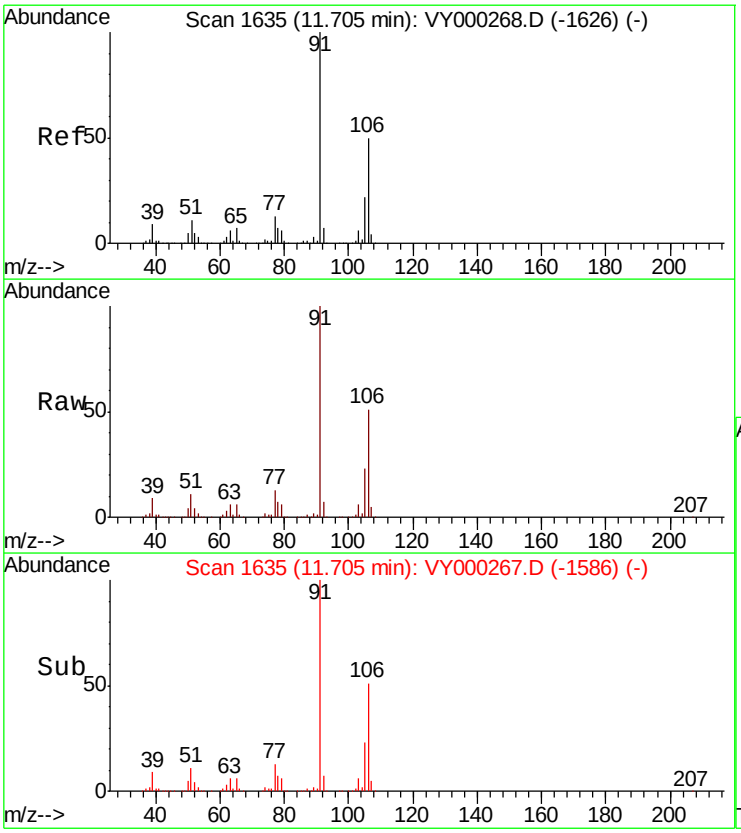

#67
Ethyl Benzene
Concen: 19.872 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 91 Resp: 302645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 25.0 | 37.6 |

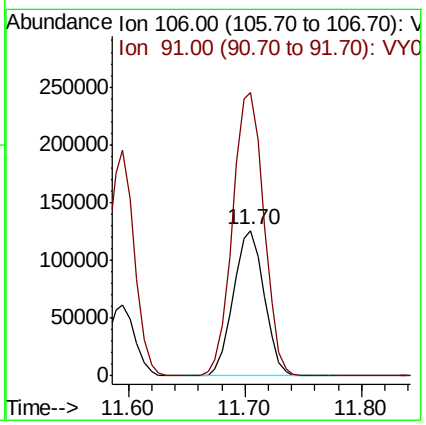


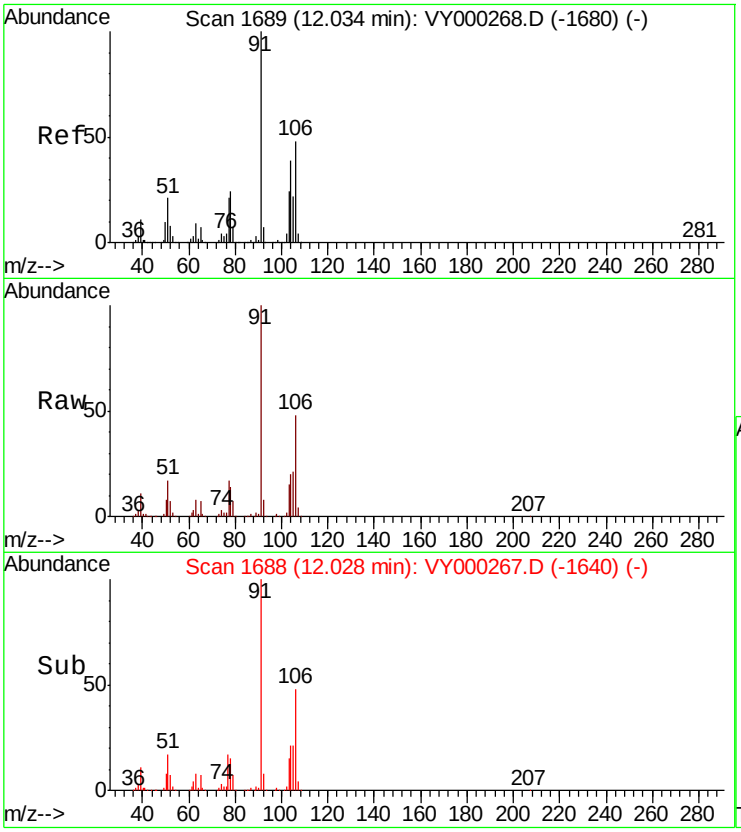




#68
m/p-Xylenes
Concen: 39.893 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:106 Resp: 232255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.2 | 157.5 | 236.3 |



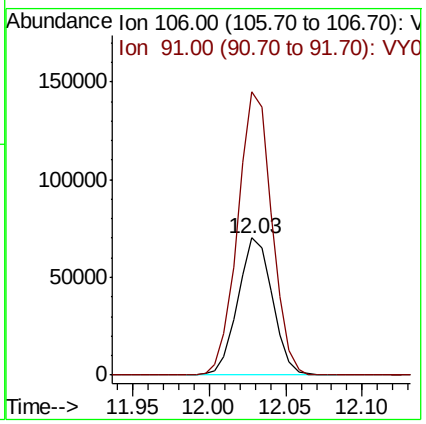


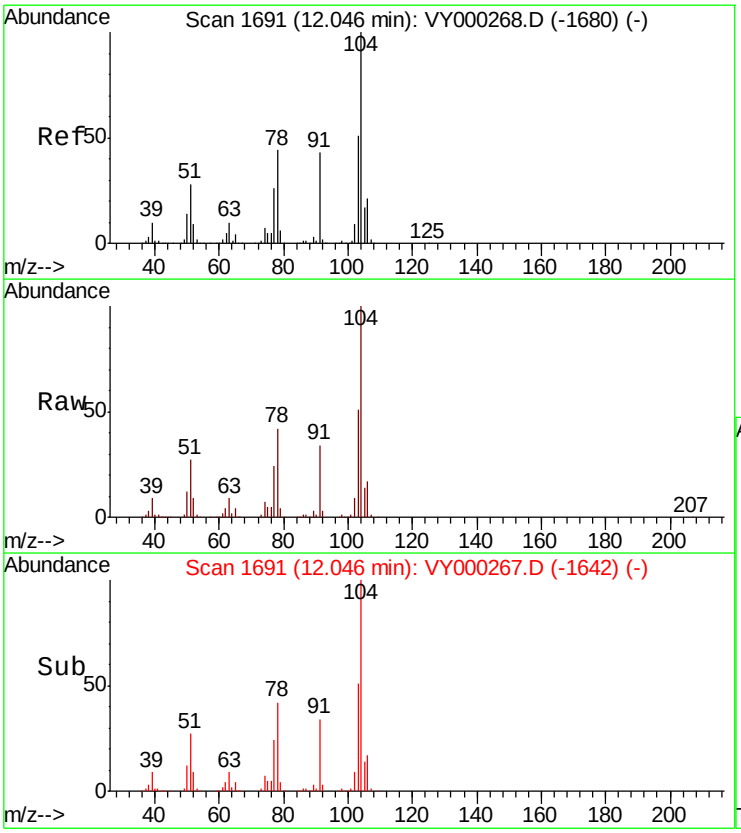

#69
o-Xylene
Concen: 19.797 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:106 Resp: 109954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.0 | 104.7 | 313.9 |

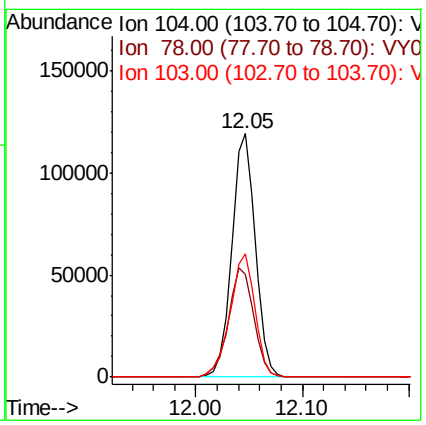


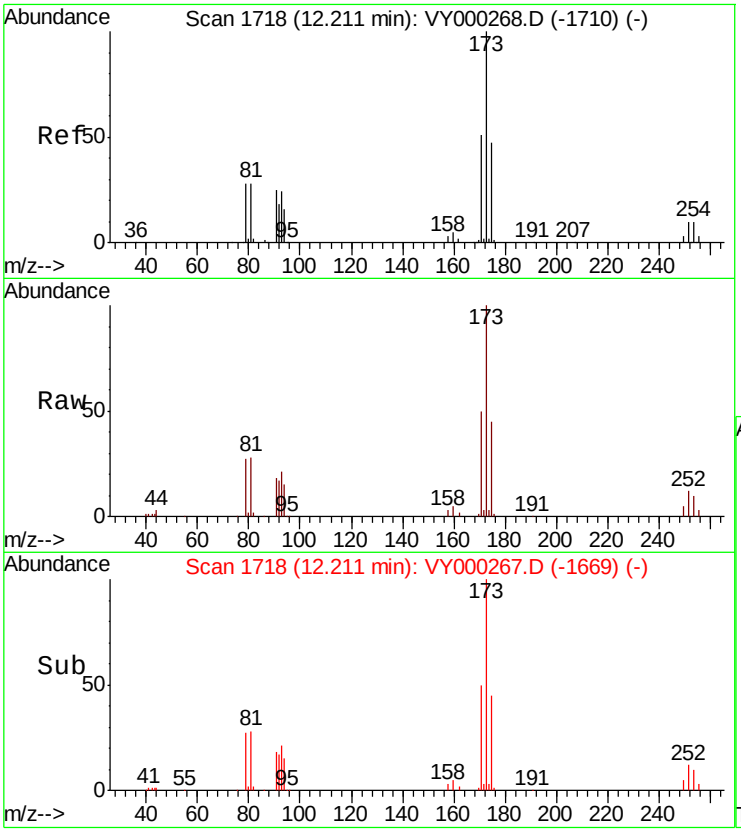




#70
Styrene
Concen: 19.683 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:104 Resp: 184364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.8 | 39.0 | 58.6 |
| 103 | 53.4 | 43.1 | 64.7 |



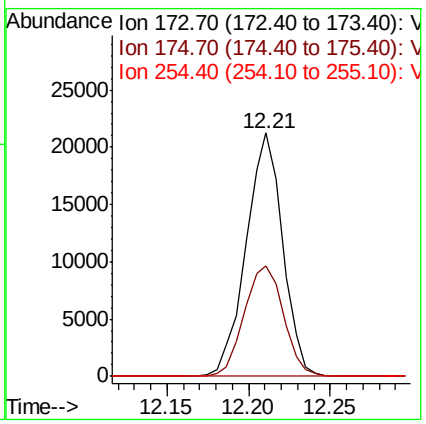


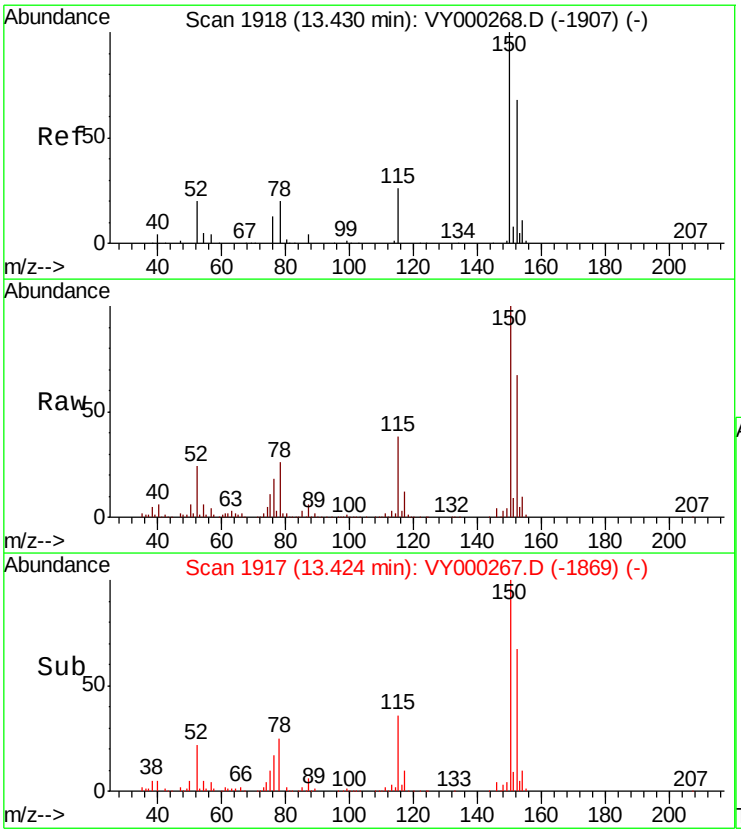

#71
Bromoform
Concen: 19.978 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:173 Resp: 33144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.7 | 24.6 | 73.6 |
| 254 | 0.0 | 0.1 | 0.1# |

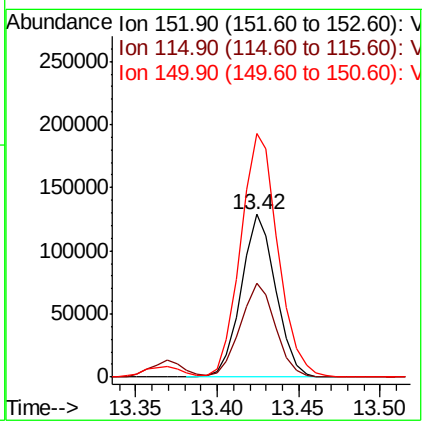


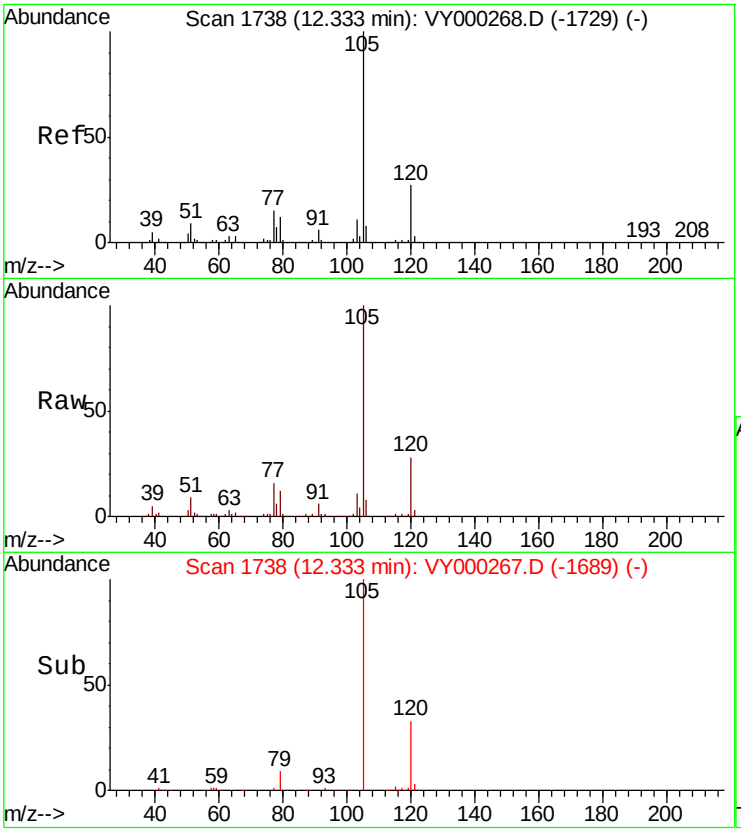




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:152 Resp: 189592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.7 | 29.3 | 88.0 |
| 150 | 162.3 | 0.0 | 348.4 |



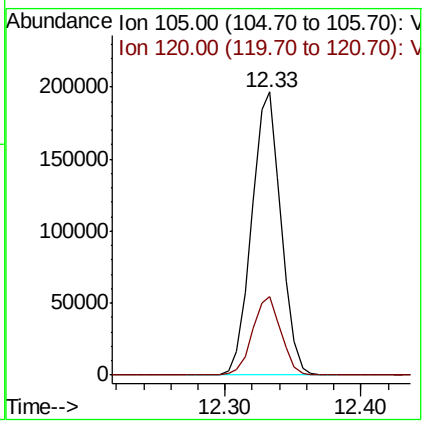


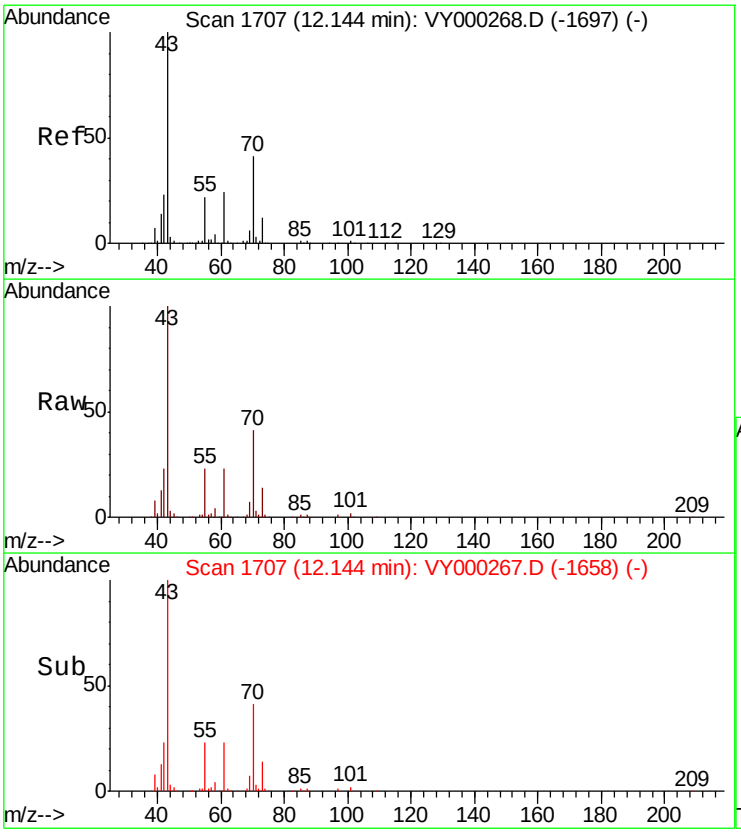

#73
Isopropylbenzene
Concen: 20.067 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:105 Resp: 296650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.2 | 13.4 | 40.2 |

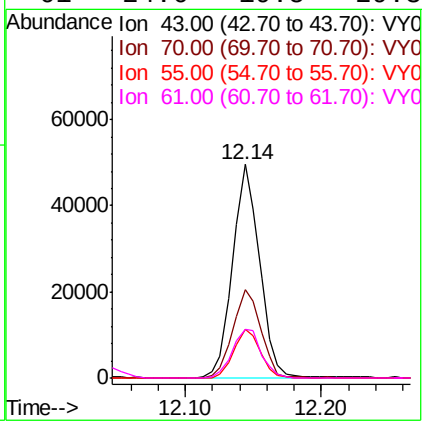


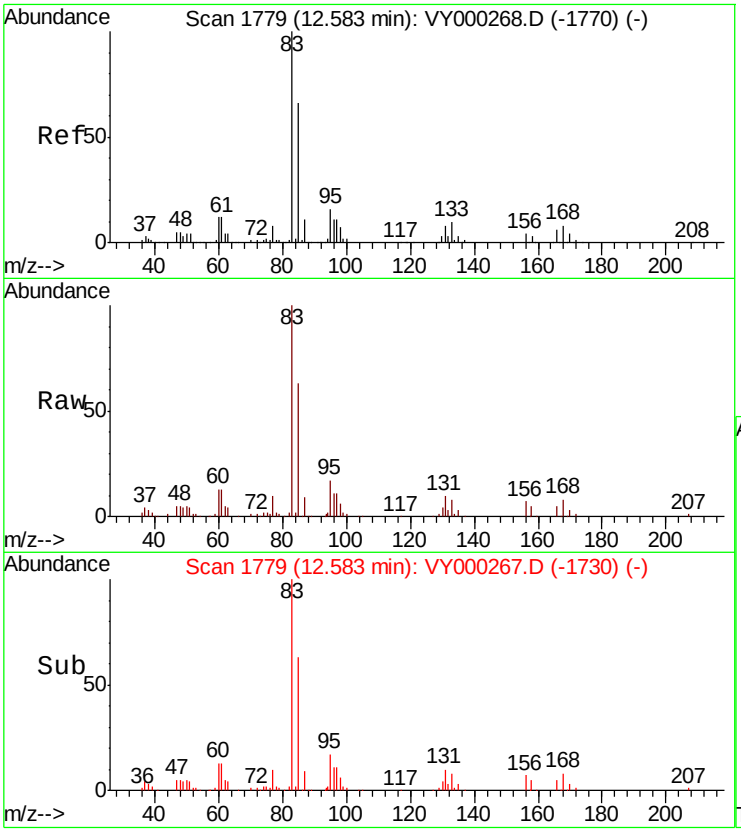




#74
N-amyl acetate
Concen: 18.912 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 43 Resp: 68637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.0 | 32.9 | 49.3 |
| 55 | 22.3 | 17.8 | 26.6 |
| 61 | 24.6 | 19.5 | 29.3 |



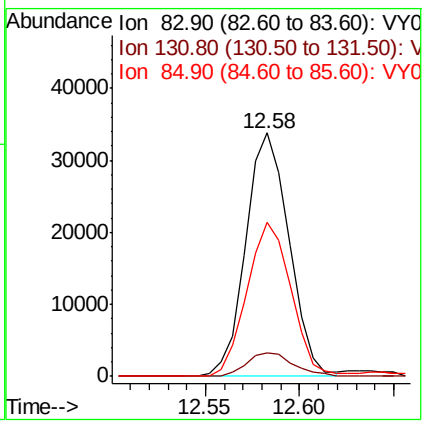


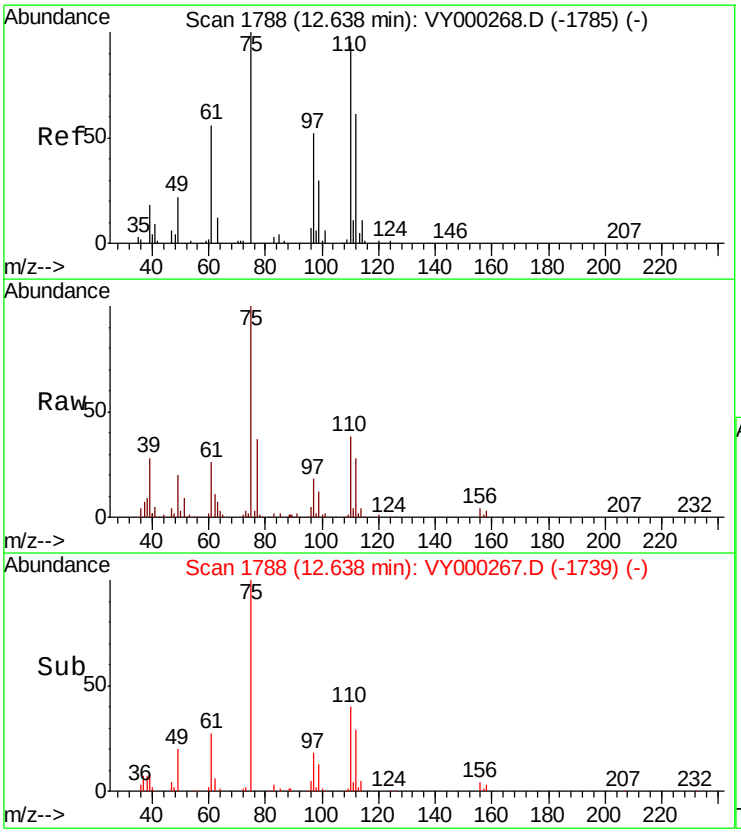

#75
1,1,2,2-Tetrachloroethane
Concen: 19.328 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 83 Resp: 53647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 5.3 | 16.1 |
| 85 | 65.1 | 32.9 | 98.7 |

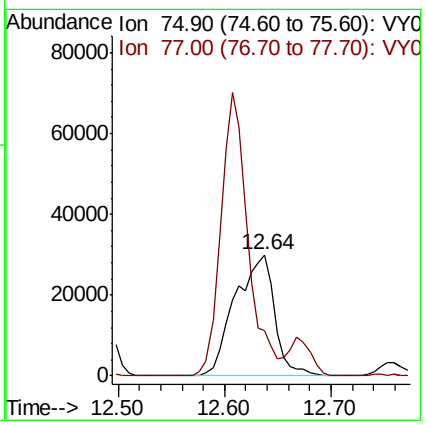


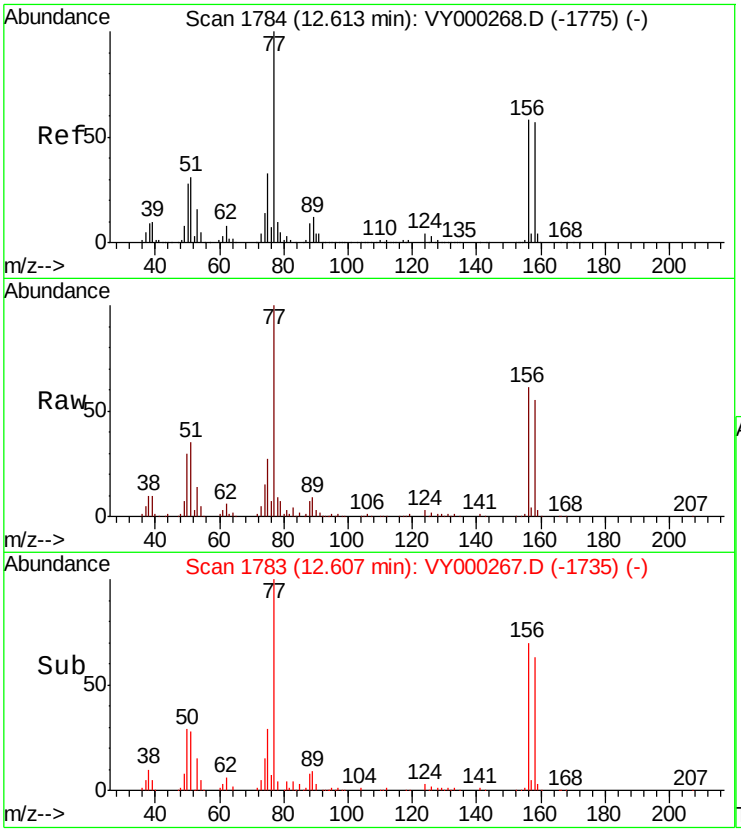




#76
1,2,3-Trichloropropane
Concen: 20.693 ug/l
RT: 12.64 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 75 Resp: 78431

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



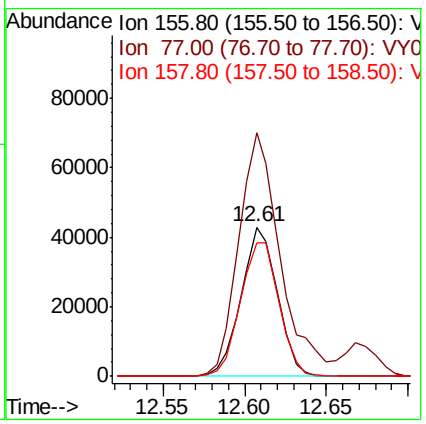


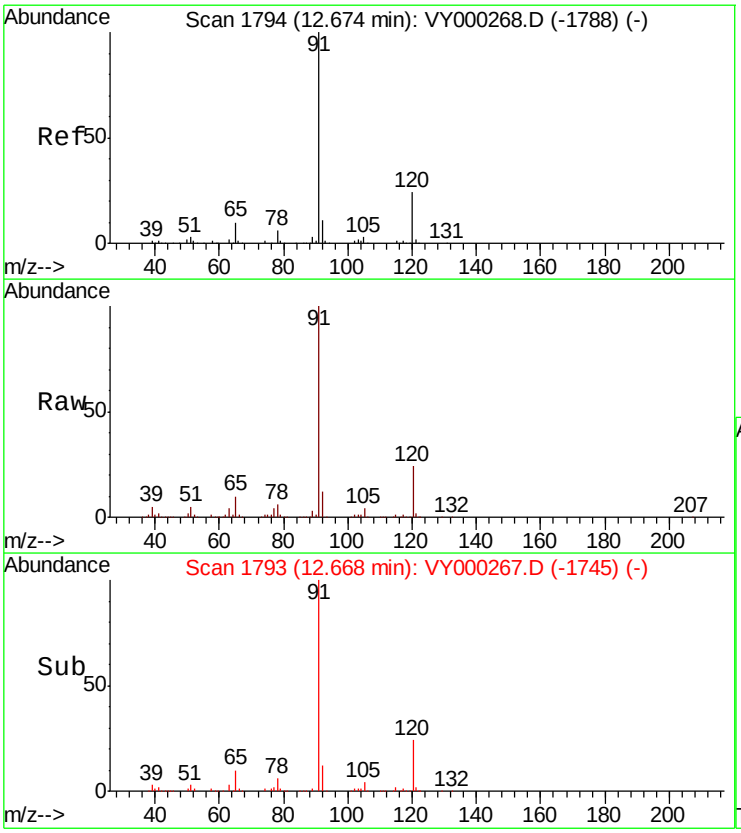

#77
Bromobenzene
Concen: 20.233 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:156 Resp: 66557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 186.8 | 101.0 | 302.9 |
| 158 | 95.1 | 49.7 | 149.1 |

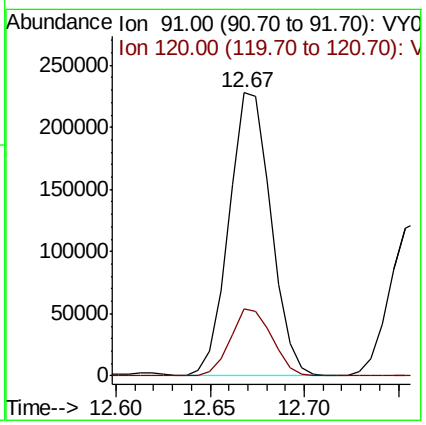


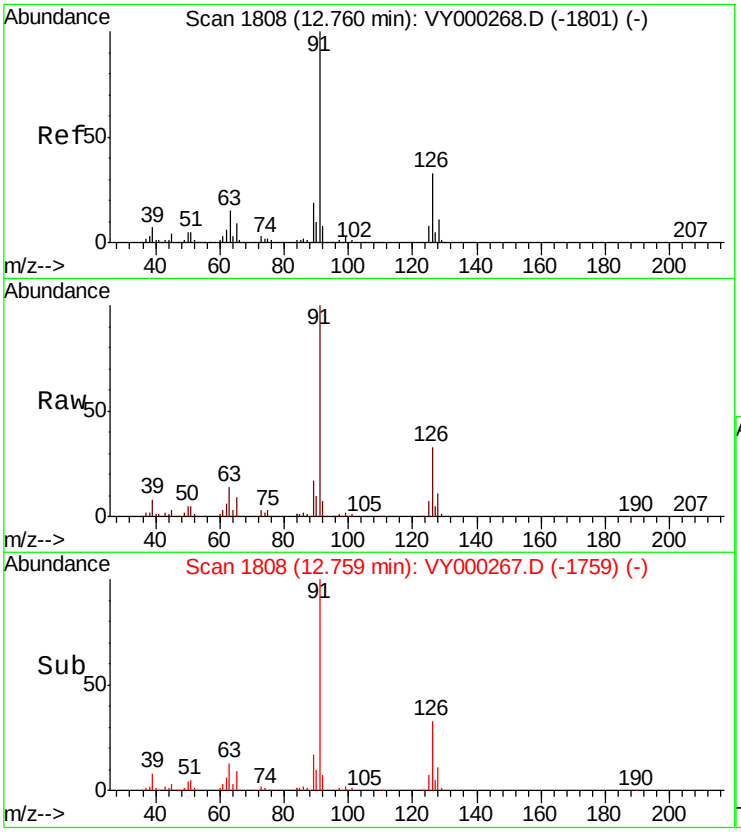




#78
n-propylbenzene
Concen: 19.861 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 91 Resp: 352524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.5 | 11.5 | 34.5 |



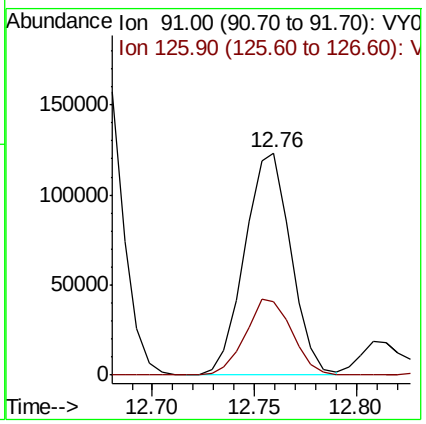


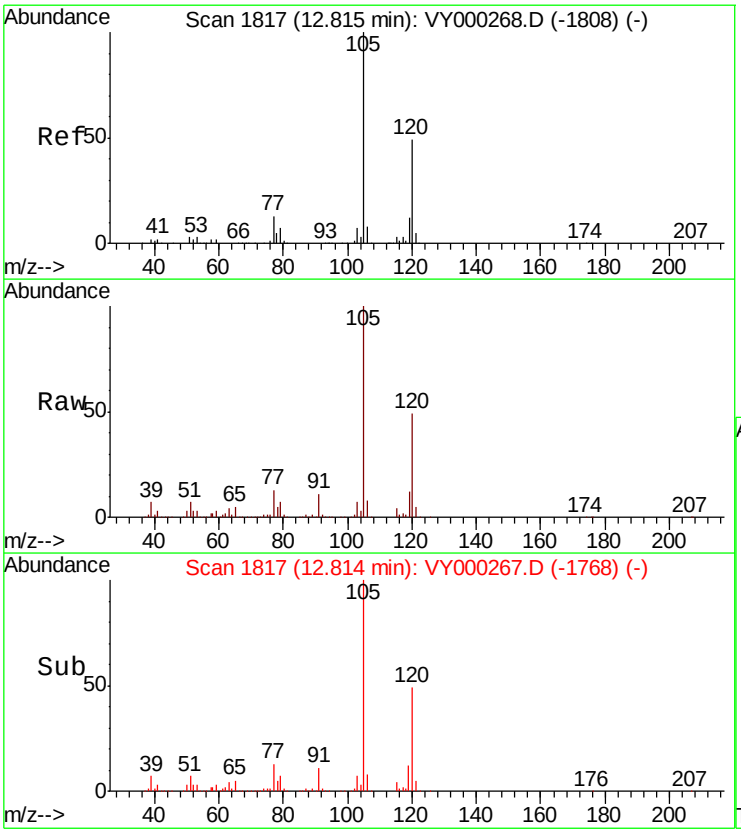

#79
2-Chlorotoluene
Concen: 19.827 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 91 Resp: 194350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.4 | 17.1 | 51.3 |

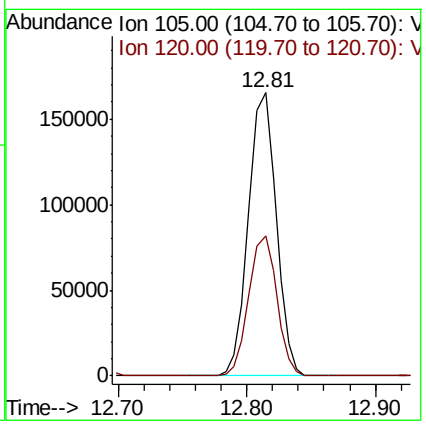


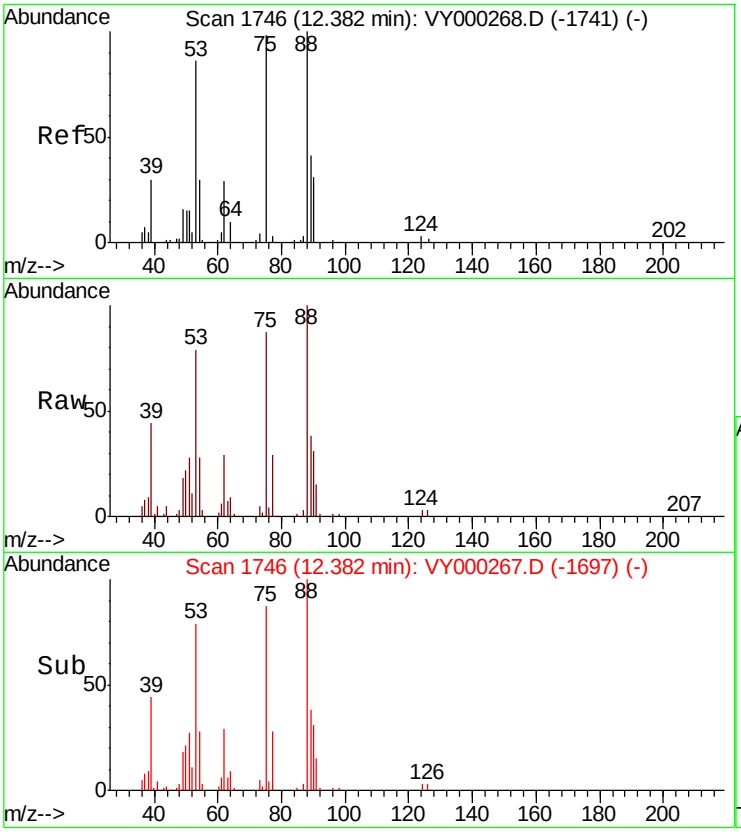




#80
1,3,5-Trimethylbenzene
Concen: 19.912 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:105 Resp: 246831

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



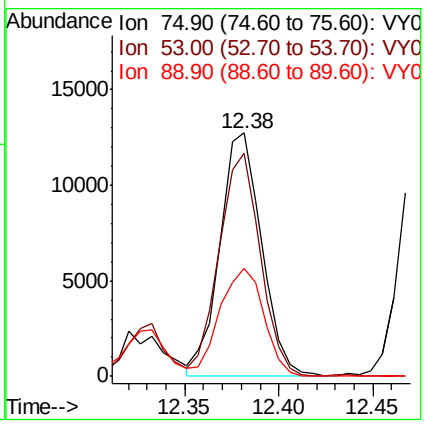


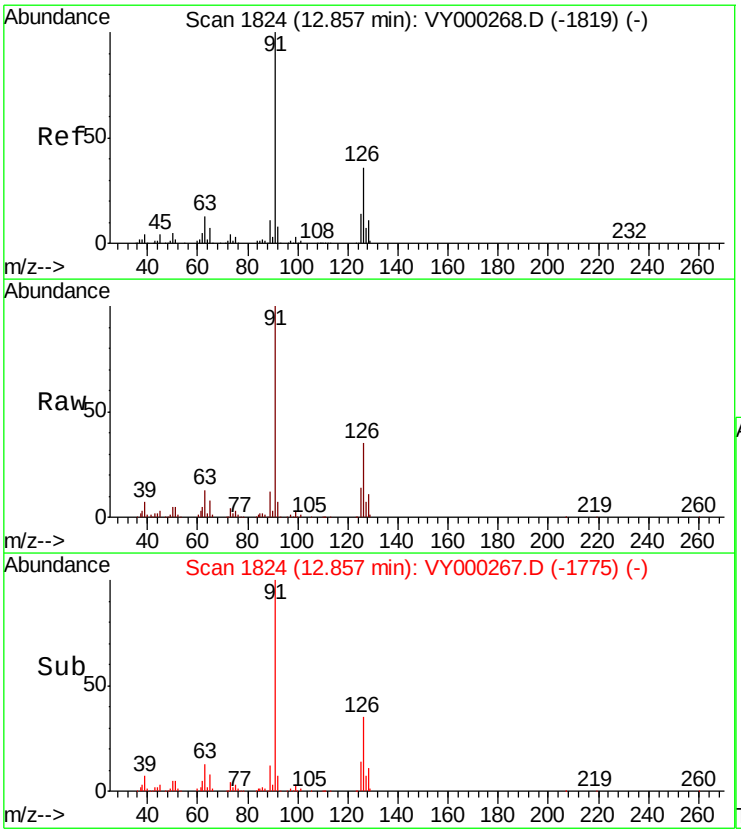

#81
trans-1,4-Dichloro-2-butene
Concen: 18.443 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 75 Resp: 19651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 90.4 | 71.3 | 106.9 |
| 89 | 46.6 | 35.1 | 52.7 |

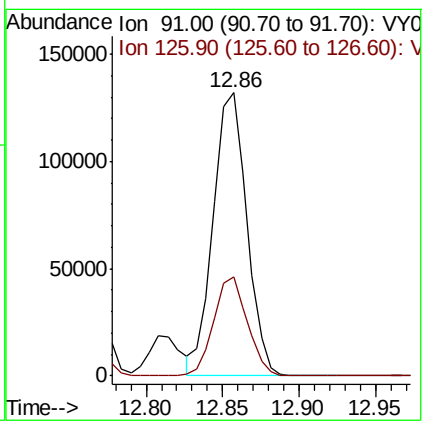


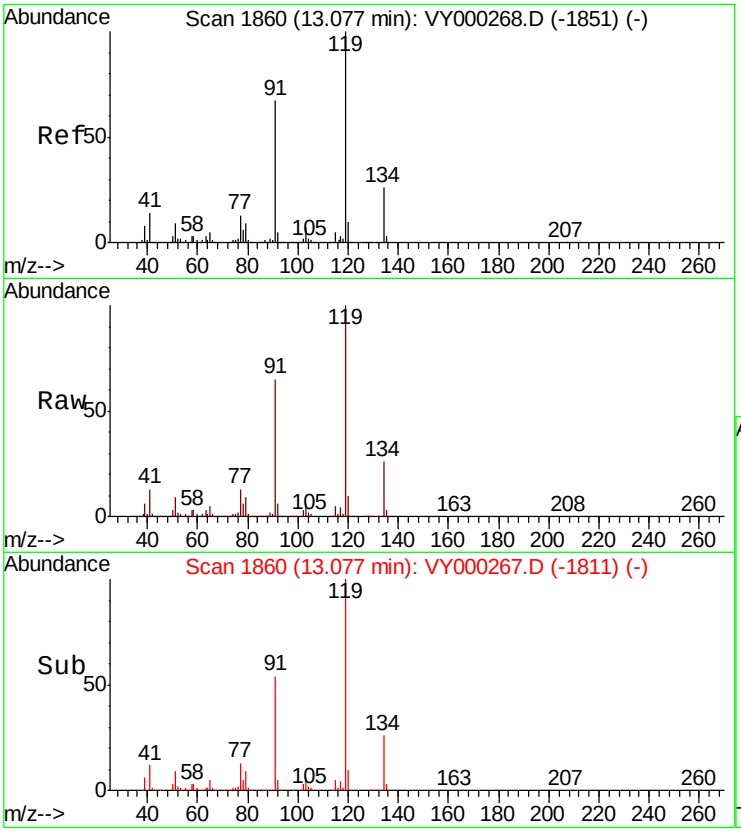




#82
4-Chlorotoluene
Concen: 19.511 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 91 Resp: 202167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.1 | 17.2 | 51.5 |



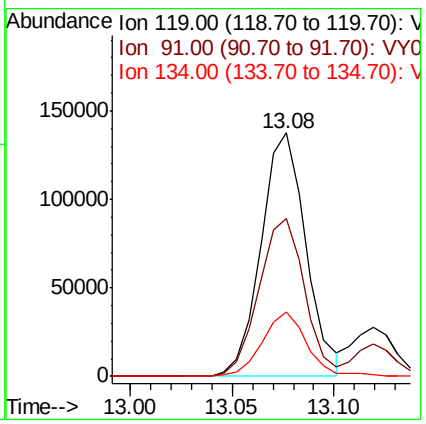


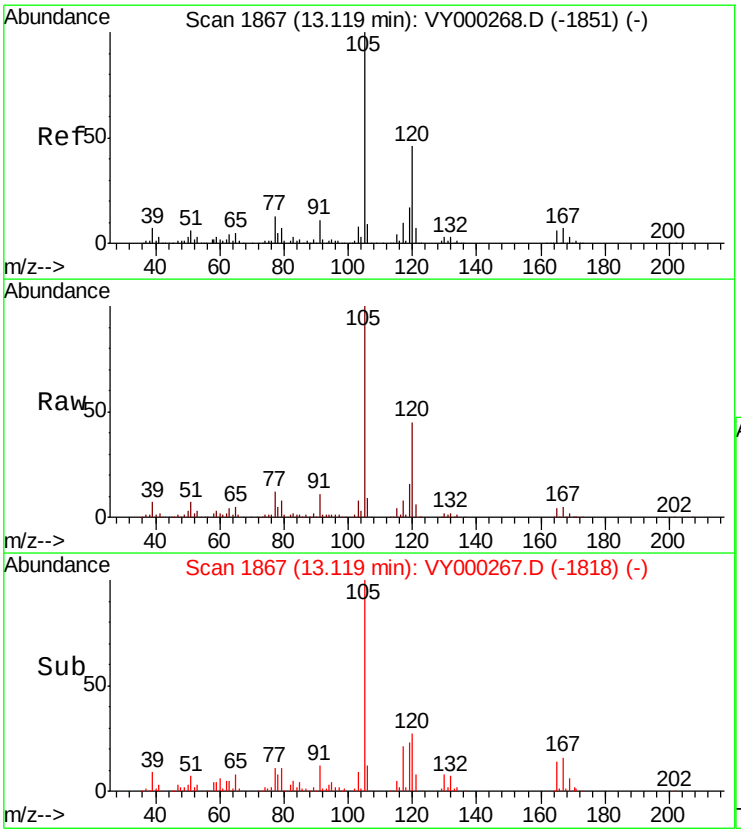

#83
tert-Butylbenzene
Concen: 20.118 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:119 Resp: 211185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 65.9 | 32.9 | 98.7 |
| 134 | 26.6 | 13.3 | 39.8 |

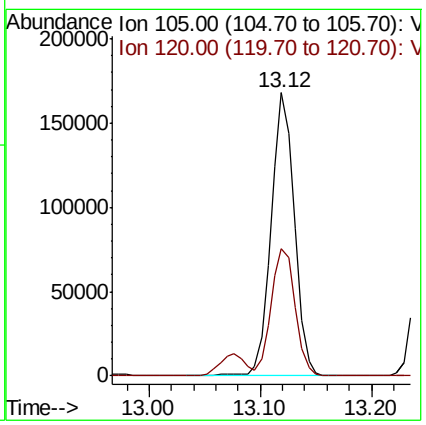


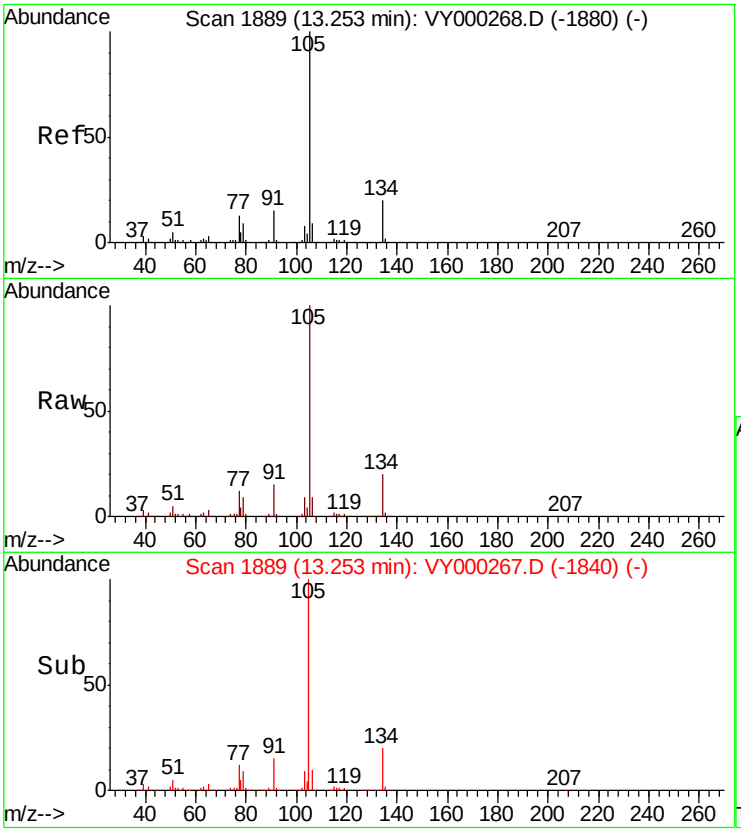




#84
1,2,4-Trimethylbenzene
Concen: 19.919 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:105 Resp: 243699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.3 | 22.9 | 68.8 |



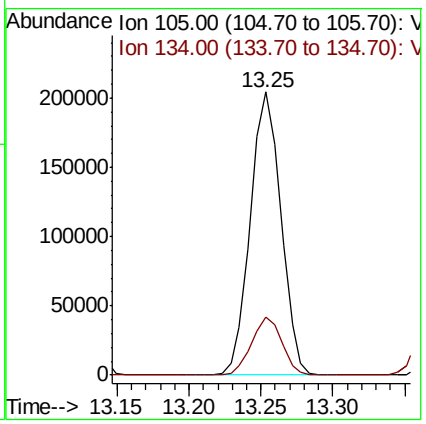


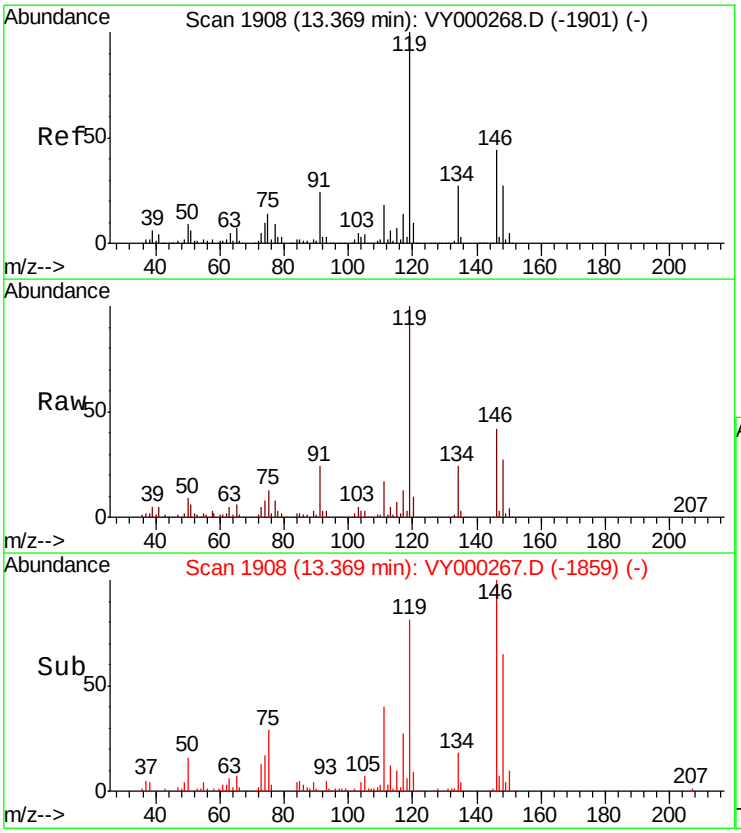

#85
sec-Butylbenzene
Concen: 19.749 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:105 Resp: 299914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.1 | 30.1 |

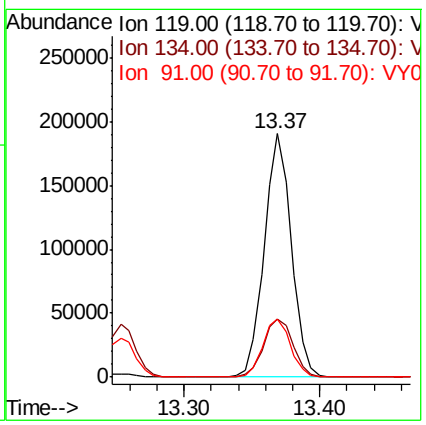


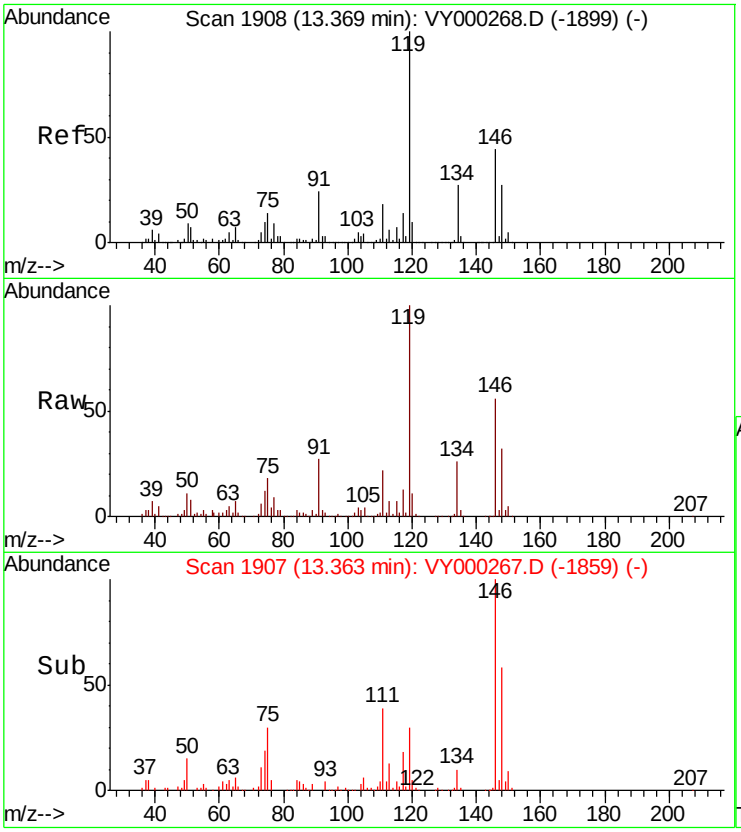




#86
p-Isopropyltoluene
Concen: 20.123 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:119 Resp: 266419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.0 | 13.6 | 40.8 |
| 91 | 24.4 | 12.0 | 36.1 |



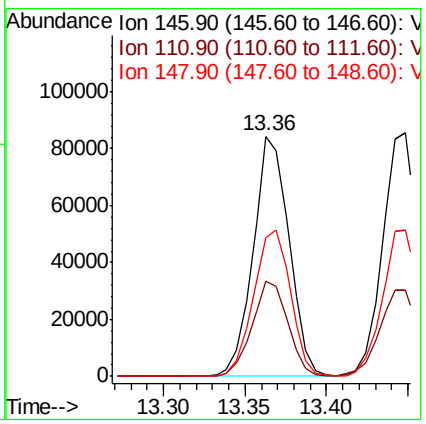


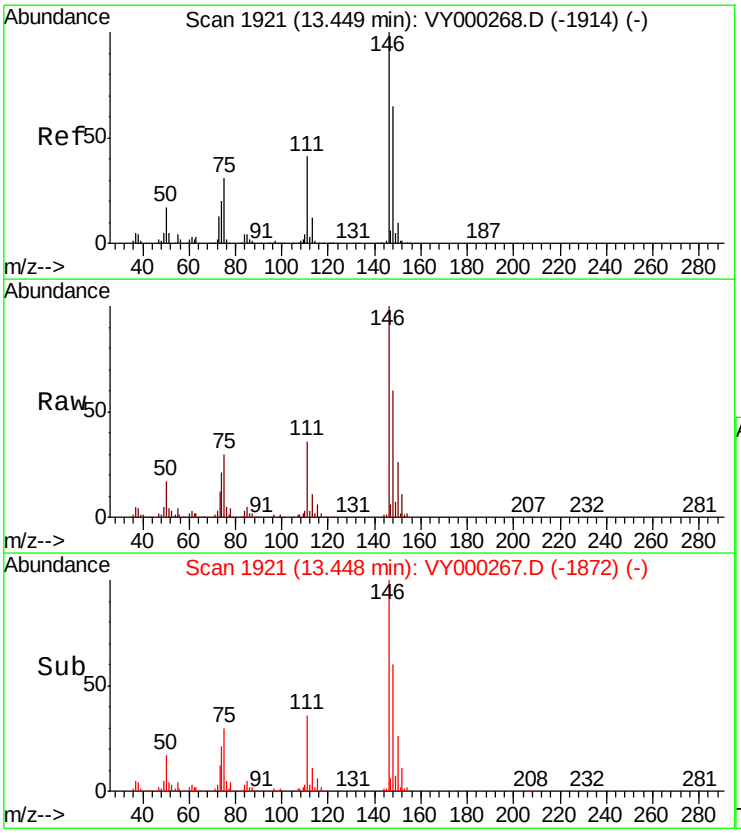

#87
1,3-Dichlorobenzene
Concen: 19.874 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:146 Resp: 128811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.5 | 20.6 | 61.8 |
| 148 | 63.0 | 31.9 | 95.5 |

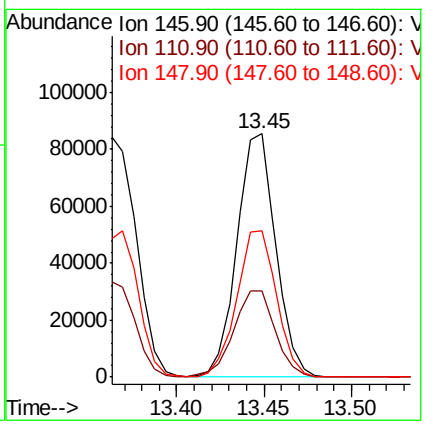


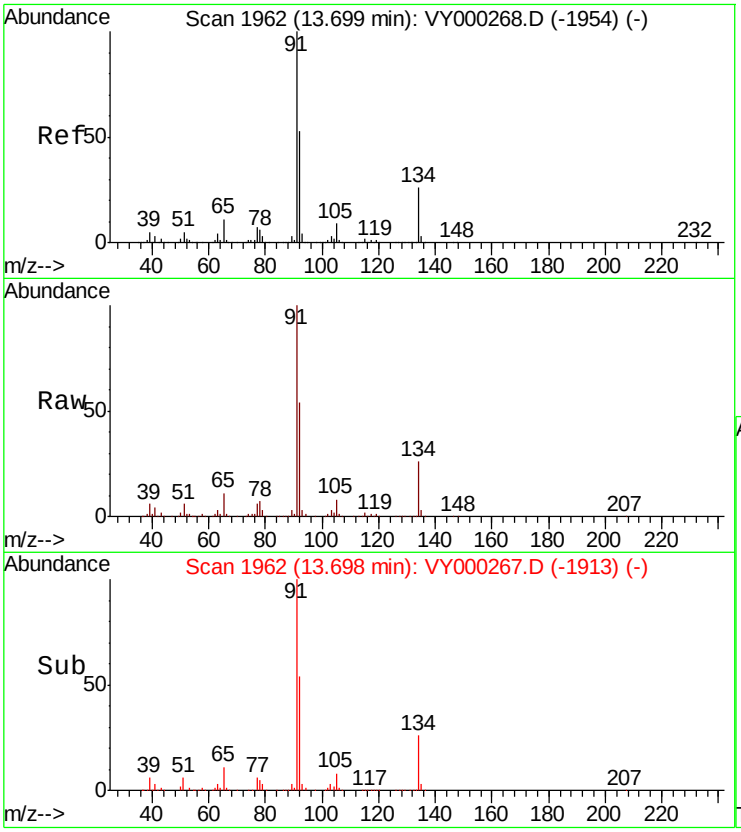




#88
1,4-Dichlorobenzene
Concen: 20.400 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:146 Resp: 132154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.1 | 20.1 | 60.2 |
| 148 | 61.9 | 32.4 | 97.2 |



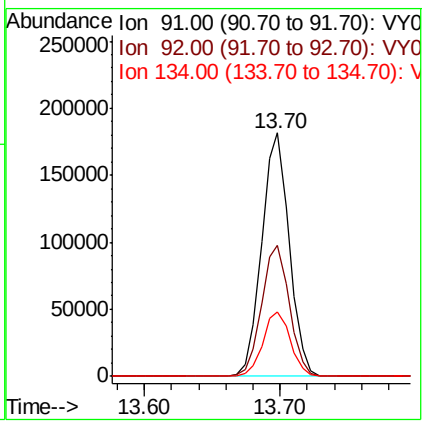


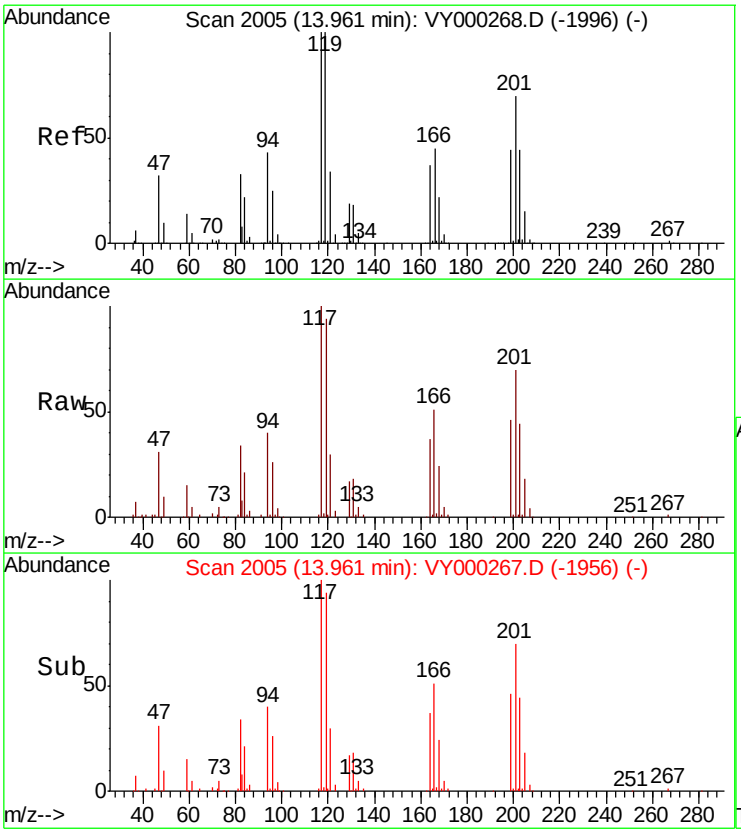

#89
n-Butylbenzene
Concen: 19.697 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion: 91 Resp: 257696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.5 | 26.7 | 80.1 |
| 134 | 26.5 | 13.0 | 38.9 |

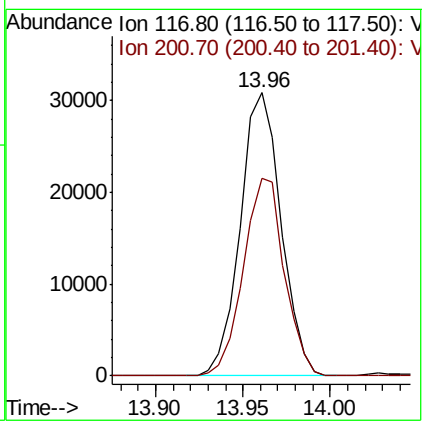


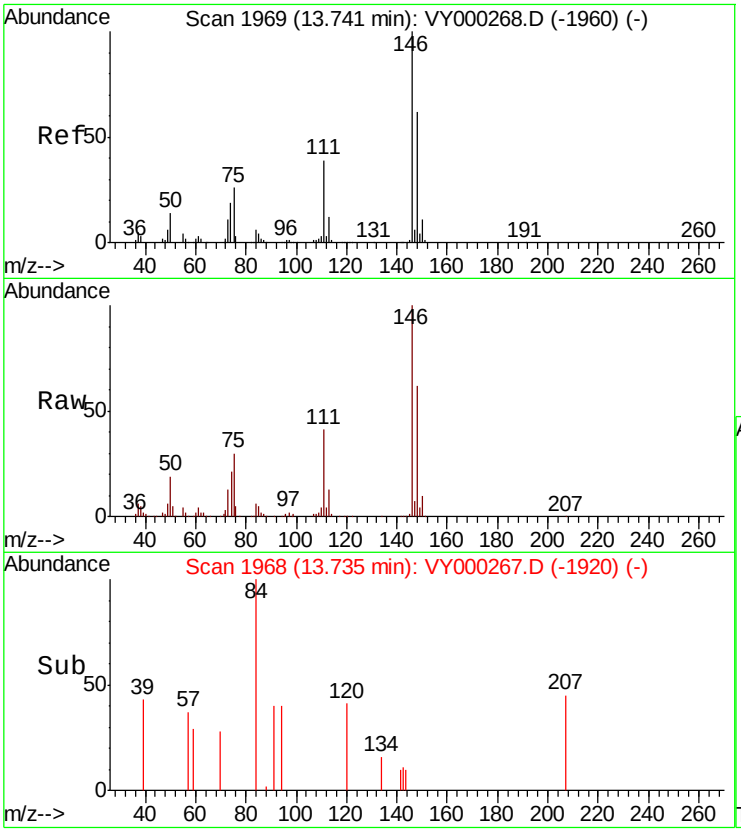




#90
Hexachloroethane
Concen: 20.405 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:117 Resp: 50024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 70.2 | 36.3 | 108.7 |



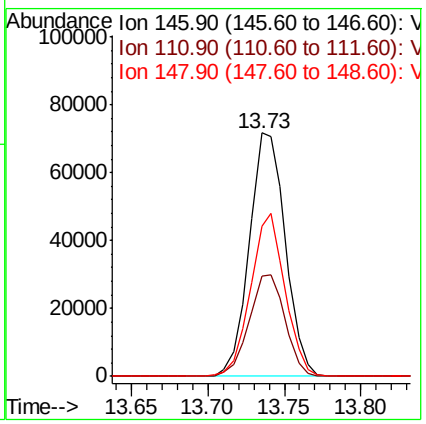


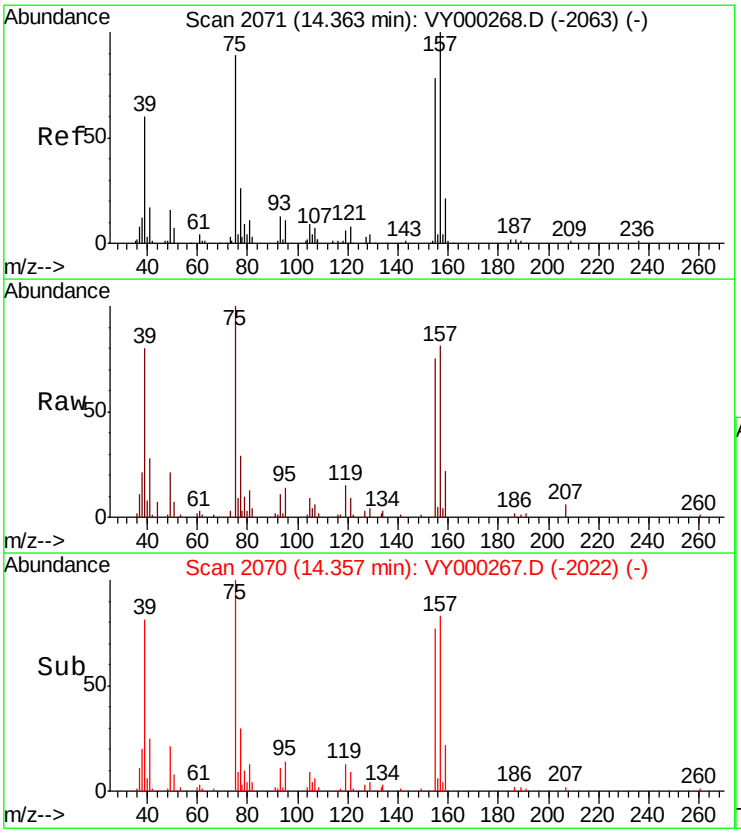

#91
1,2-Dichlorobenzene
Concen: 19.999 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:146 Resp: 117306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.5 | 20.5 | 61.5 |
| 148 | 63.6 | 31.6 | 95.0 |

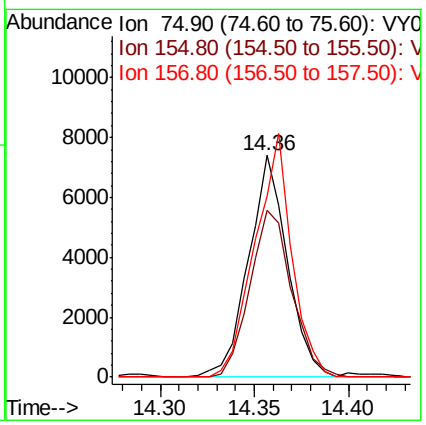


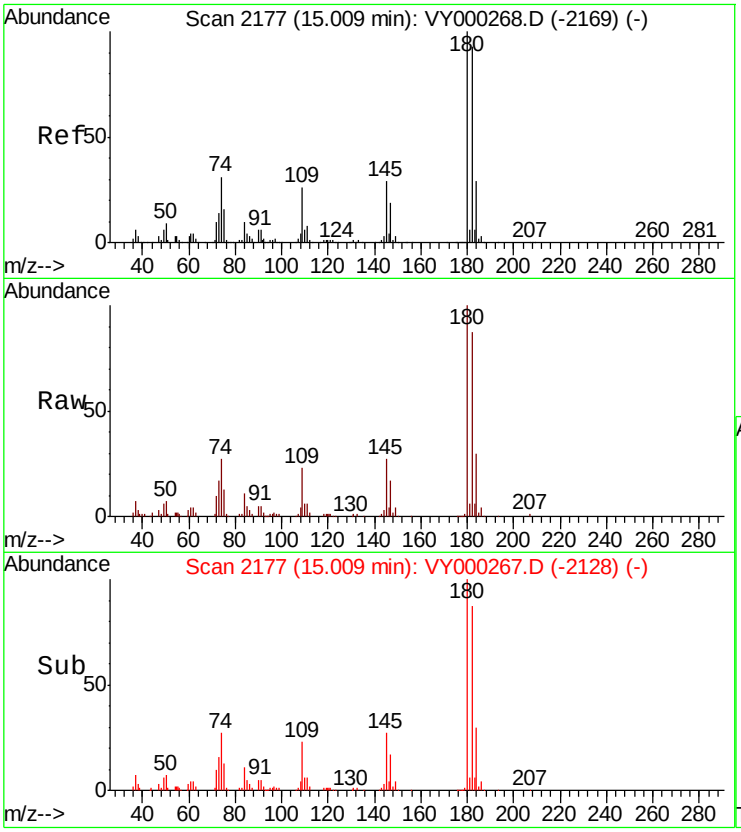




#92
1,2-Dibromo-3-Chloropropane
Concen: 20.079 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion: 75 Resp: 10570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 81.0 | 45.8 | 137.3 |
| 157 | 103.8 | 55.6 | 166.9 |



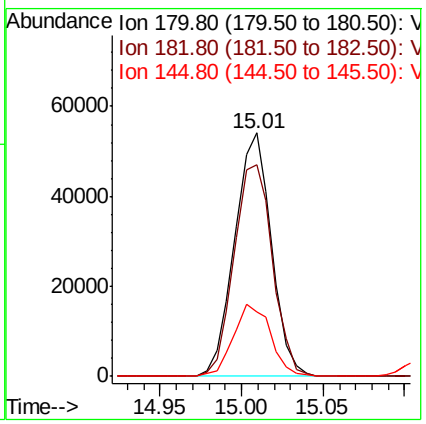


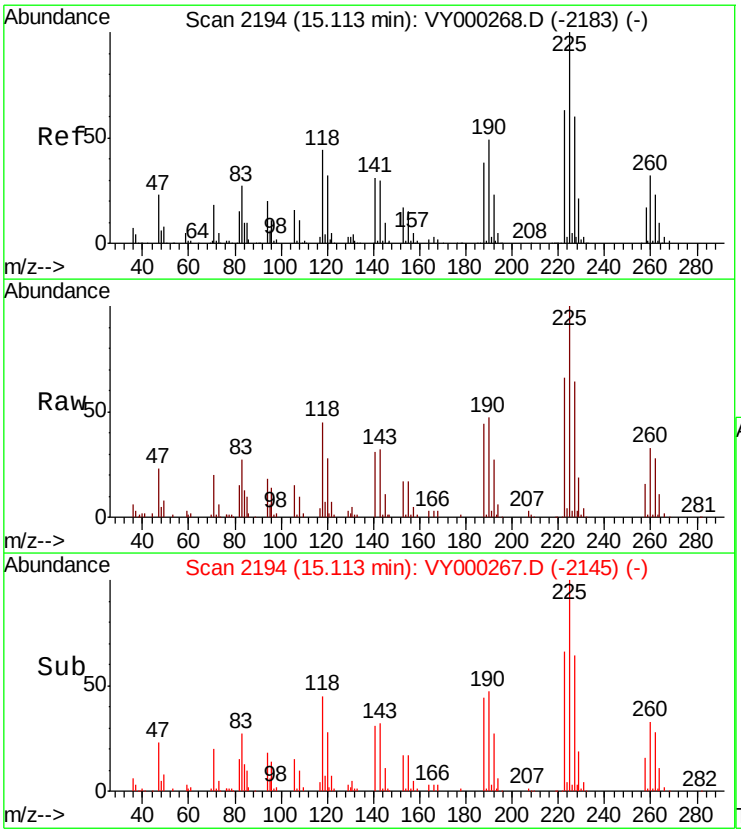

#93
1,2,4-Trichlorobenzene
Concen: 20.770 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:180 Resp: 84820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.1 | 47.5 | 142.6 |
| 145 | 30.0 | 15.4 | 46.1 |

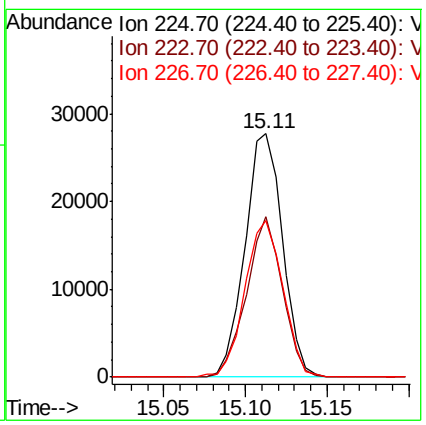


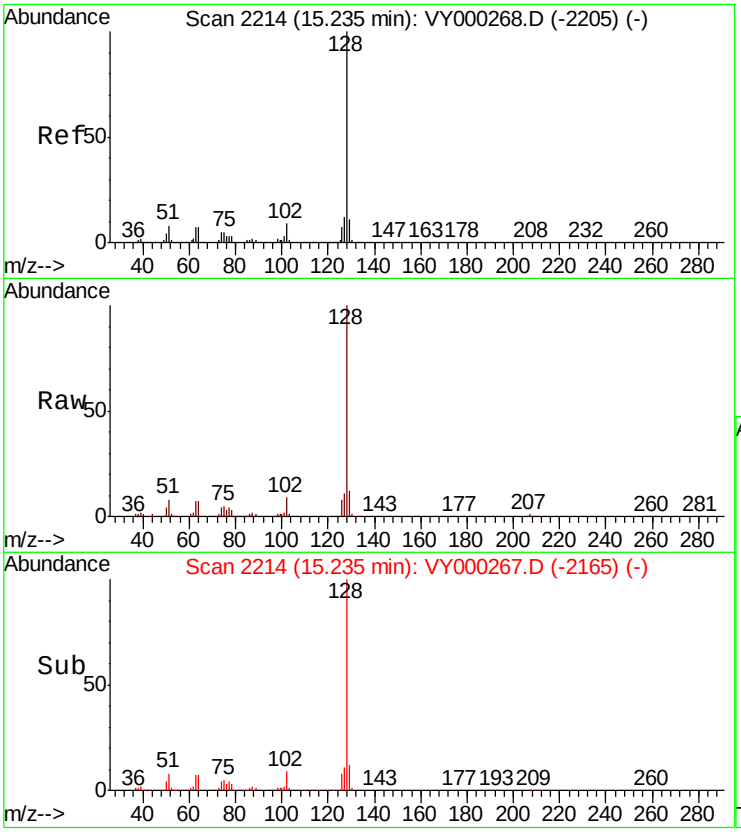




#94
Hexachlorobutadiene
Concen: 20.130 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:225 Resp: 44489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 31.9 | 95.7 |
| 227 | 65.1 | 31.4 | 94.2 |



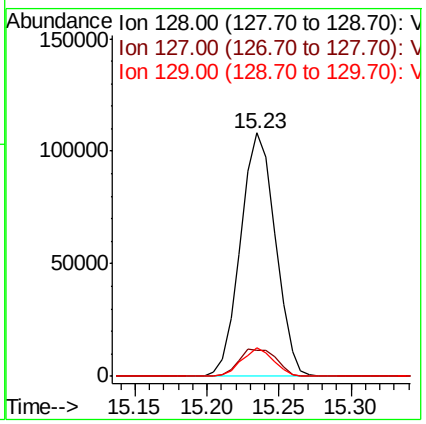


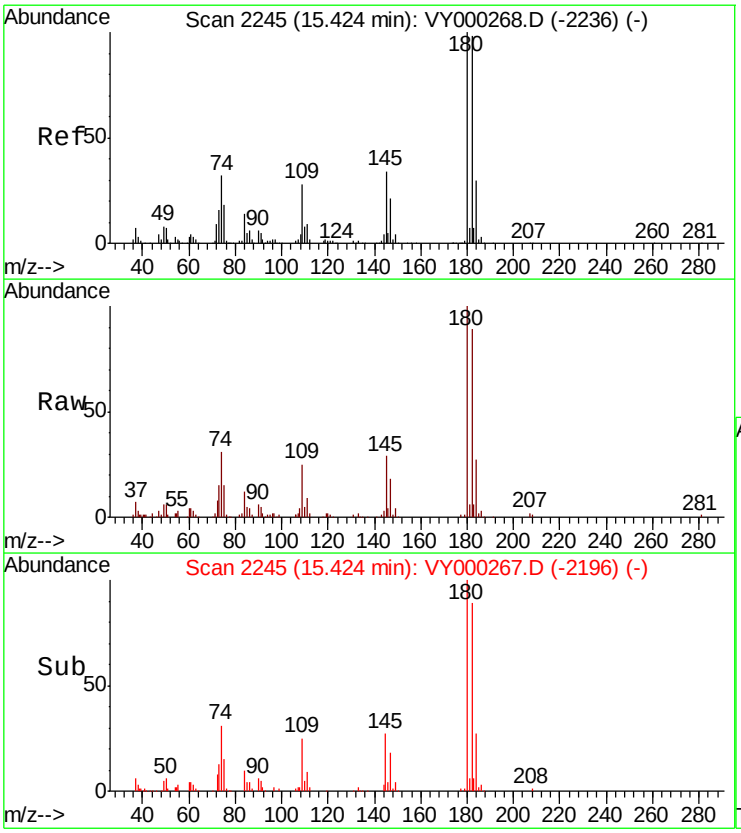

#95
Naphthalene
Concen: 19.911 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

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

Tgt Ion:128 Resp: 181459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.2 | 9.6 | 14.4 |
| 129 | 10.7 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 20.653 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000267.D
Acq: 11 Oct 2019 13:30

Tgt Ion:180 Resp: 76013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.5 | 46.5 | 139.5 |
| 145 | 31.9 | 16.2 | 48.5 |