Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
Data File : VY001323.D
Acq On : 21 Jan 2020 15:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Quant Time: Jan 21 16:25:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 16:22:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.82 | 168 | 190208 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.71 | 114 | 339062 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.50 | 117 | 301927 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152 | 143749 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.17 | 65 | 106046 | 52.52 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.04% | | | |
| 35) Dibromofluoromethane | 7.75 | 113 | 98157 | 49.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.76% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 400147 | 52.31 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.62% | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 152576 | 48.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.84% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.92 | 85 | 75005 | 50.89 | ug/l | 100 |
| 3) Chloromethane | 2.13 | 50 | 108950 | 50.90 | ug/l | 100 |
| 4) Vinyl Chloride | 2.27 | 62 | 117131 | 54.22 | ug/l | 100 |
| 5) Bromomethane | 2.68 | 94 | 75632 | 63.22 | ug/l | 100 |
| 6) Chloroethane | 2.82 | 64 | 74484 | 58.56 | ug/l | 100 |
| 7) Trichlorofluoromethane | 3.16 | 101 | 149596 | 50.19 | ug/l | 100 |
| 8) Diethyl Ether | 3.56 | 74 | 62007 | 53.16 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.94 | 101 | 96542 | 50.47 | ug/l | 100 |
| 10) Methyl Iodide | 4.13 | 142 | 133976 | 51.14 | ug/l | 100 |
| 11) Tert butyl alcohol | 5.00 | 59 | 61787 | 289.17 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 3.91 | 96 | 98839 | 50.42 | ug/l | 100 |
| 13) Acrolein | 3.77 | 56 | 34845 | 197.48 | ug/l | 100 |
| 14) Allyl chloride | 4.52 | 41 | 177067 | 53.04 | ug/l | 100 |
| 15) Acrylonitrile | 5.21 | 53 | 159595 | 270.96 | ug/l | 100 |
| 16) Acetone | 3.99 | 43 | 140789 | 288.48 | ug/l | 100 |
| 17) Carbon Disulfide | 4.23 | 76 | 309930 | 49.23 | ug/l | 100 |
| 18) Methyl Acetate | 4.52 | 43 | 81079 | 51.46 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 5.27 | 73 | 289864 | 53.02 | ug/l | 100 |
| 20) Methylene Chloride | 4.77 | 84 | 123842 | 46.61 | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 5.27 | 96 | 114727 | 51.53 | ug/l | 100 |
| 22) Diisopropyl ether | 6.16 | 45 | 371864 | 54.31 | ug/l | 100 |
| 23) Vinyl Acetate | 6.10 | 43 | 1224450 | 278.63 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 6.07 | 63 | 197756 | 52.99 | ug/l | 100 |
| 25) 2-Butanone | 7.02 | 43 | 218199 | 289.10 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 7.02 | 77 | 171250 | 50.22 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 7.02 | 96 | 128651 | 52.57 | ug/l | 100 |
| 28) Bromochloromethane | 7.37 | 49 | 85165 | 55.98 | ug/l | 100 |
| 29) Tetrahydrofuran | 7.38 | 42 | 142508 | 278.22 | ug/l | 100 |
| 30) Chloroform | 7.54 | 83 | 190290 | 52.27 | ug/l | 100 |
| 31) Cyclohexane | 7.82 | 56 | 189062 | 48.43 | ug/l | 100 |
| 32) 1,1,1-Trichloroethane | 7.74 | 97 | 164338 | 51.11 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 7.94 | 75 | 154926 | 49.93 | ug/l | 100 |
| 37) Ethyl Acetate | 7.11 | 43 | 95148 | 51.63 | ug/l | 100 |
| 38) Carbon Tetrachloride | 7.93 | 117 | 140433 | 49.53 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
Data File : VY001323.D
Acq On : 21 Jan 2020 15:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Quant Time: Jan 21 16:25:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 16:22:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.20 | 83 | 201489 | 48.24 | ug/l | | 100 |
| 40) Benzene | 8.19 | 78 | 467285 | 51.30 | ug/l | | 100 |
| 41) Methacrylonitrile | 7.38 | 41 | 129954 | 149.58 | ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.26 | 62 | 130980 | 51.38 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.30 | 43 | 188993 | 53.45 | ug/l | | 100 |
| 44) Trichloroethene | 8.96 | 130 | 118340 | 50.23 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 9.24 | 63 | 118948 | 52.51 | ug/l | | 100 |
| 46) Dibromomethane | 9.32 | 93 | 63211 | 51.47 | ug/l | | 100 |
| 47) Bromodichloromethane | 9.51 | 83 | 150990 | 50.57 | ug/l | | 100 |
| 48) Methyl methacrylate | 9.31 | 41 | 84452 | 51.96 | ug/l | | 100 |
| 49) 1,4-Dioxane | 9.32 | 88 | 17607 | 1160.85 | ug/l | | 100 |
| 51) 4-Methyl-2-Pentanone | 10.08 | 43 | 479831 | 267.31 | ug/l | | 100 |
| 52) Toluene | 10.25 | 92 | 296297 | 51.14 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 171765 | 51.37 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 9.94 | 75 | 194088 | 51.43 | ug/l | | 100 |
| 55) 1,1,2-Trichloroethane | 10.65 | 97 | 95092 | 52.06 | ug/l | | 100 |
| 56) Ethyl methacrylate | 10.52 | 69 | 143867 | 51.63 | ug/l | | 100 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 164363 | 52.43 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.80 | 63 | 212973 | 219.88 | ug/l | | 100 |
| 59) 2-Hexanone | 10.84 | 43 | 342047 | 271.74 | ug/l | | 100 |
| 60) Dibromochloromethane | 10.99 | 129 | 105498 | 50.59 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.10 | 107 | 90326 | 50.90 | ug/l | | 100 |
| 64) Tetrachloroethene | 10.72 | 164 | 92038 | 47.69 | ug/l | | 100 |
| 65) Chlorobenzene | 11.52 | 112 | 308097 | 50.79 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.60 | 131 | 106876 | 51.16 | ug/l | | 100 |
| 67) Ethyl Benzene | 11.60 | 91 | 570402 | 51.35 | ug/l | | 100 |
| 68) m/p-Xylenes | 11.71 | 106 | 428781 | 102.63 | ug/l | | 100 |
| 69) o-Xylene | 12.03 | 106 | 205939 | 51.26 | ug/l | | 100 |
| 70) Styrene | 12.05 | 104 | 361991 | 51.41 | ug/l | | 100 |
| 71) Bromoform | 12.22 | 173 | 63571 | 49.71 | ug/l | # | 100 |
| 73) Isopropylbenzene | 12.33 | 105 | 554627 | 51.00 | ug/l | | 100 |
| 74) N-amyl acetate | 12.15 | 43 | 183986 | 53.73 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 12.59 | 83 | 120696 | 52.34 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 156073 | 98.20 | ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 122812 | 51.09 | ug/l | | 100 |
| 78) n-propylbenzene | 12.67 | 91 | 674306 | 51.51 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.76 | 91 | 380411 | 50.70 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.82 | 105 | 466068 | 51.46 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75 | 44938 | 49.44 | ug/l | | 100 |
| 82) 4-Chlorotoluene | 12.86 | 91 | 407287 | 50.88 | ug/l | | 100 |
| 83) tert-Butylbenzene | 13.08 | 119 | 395938 | 51.83 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105 | 462616 | 51.36 | ug/l | | 100 |
| 85) sec-Butylbenzene | 13.26 | 105 | 568948 | 51.81 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.38 | 119 | 492680 | 51.74 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.38 | 146 | 237696 | 52.07 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 13.45 | 146 | 238191 | 50.88 | ug/l | | 100 |
| 89) n-Butylbenzene | 13.70 | 91 | 494395 | 51.62 | ug/l | | 100 |
| 90) Hexachloroethane | 13.97 | 117 | 95251 | 51.30 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.75 | 146 | 219526 | 51.82 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 20138 | 49.07 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
Data File : VY001323.D
Acq On : 21 Jan 2020 15:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Quant Time: Jan 21 16:25:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 16:22:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180 | 141567 | 50.86 | ug/l | 100 |
| 94) Hexachlorobutadiene | 15.12 | 225 | 70125 | 50.25 | ug/l | 100 |
| 95) Naphthalene | 15.25 | 128 | 328627 | 50.74 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180 | 125409 | 50.99 | ug/l | 100 |

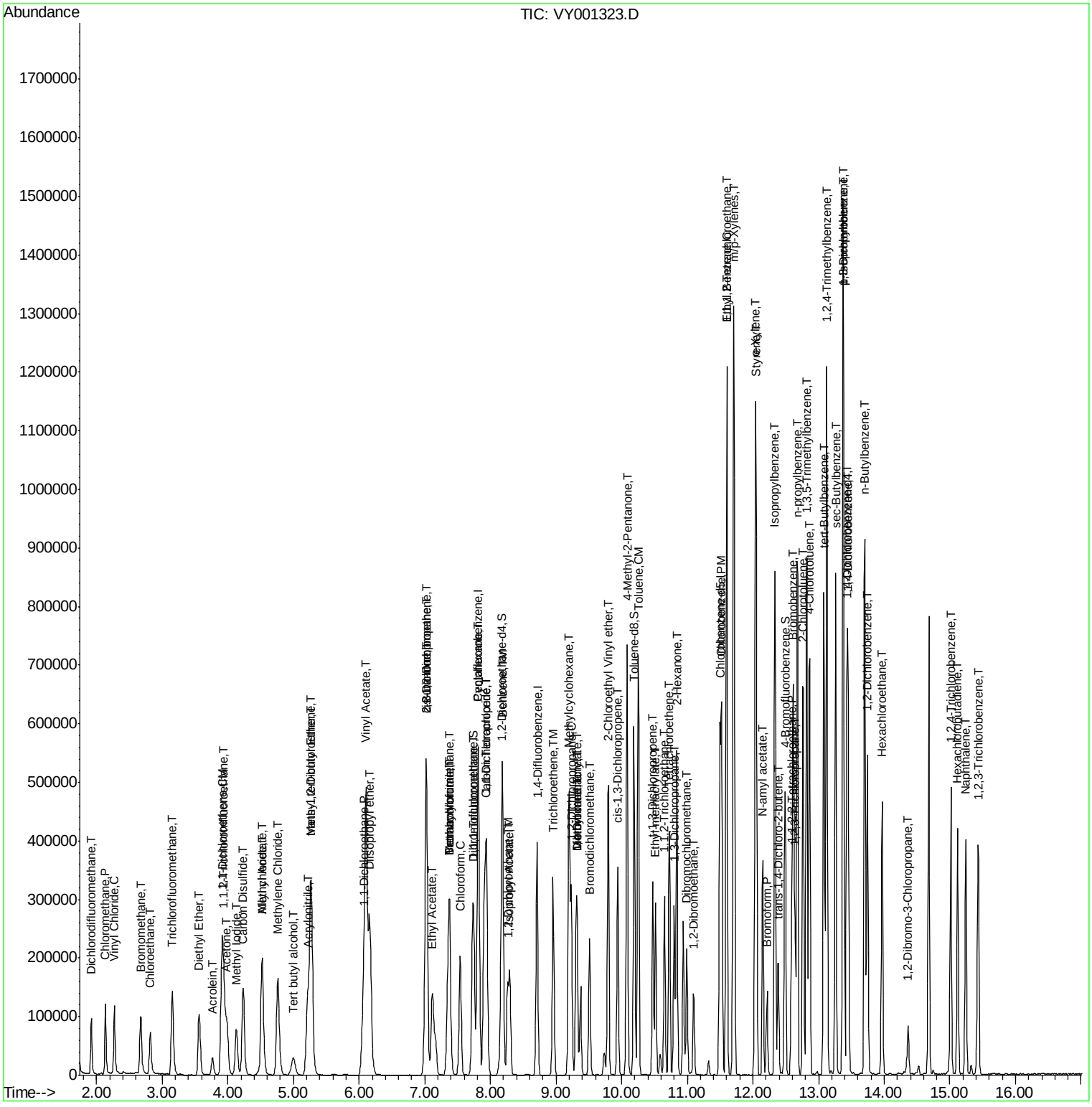
(#) = qualifier out of range (m) = manual integration (+) = signals summed

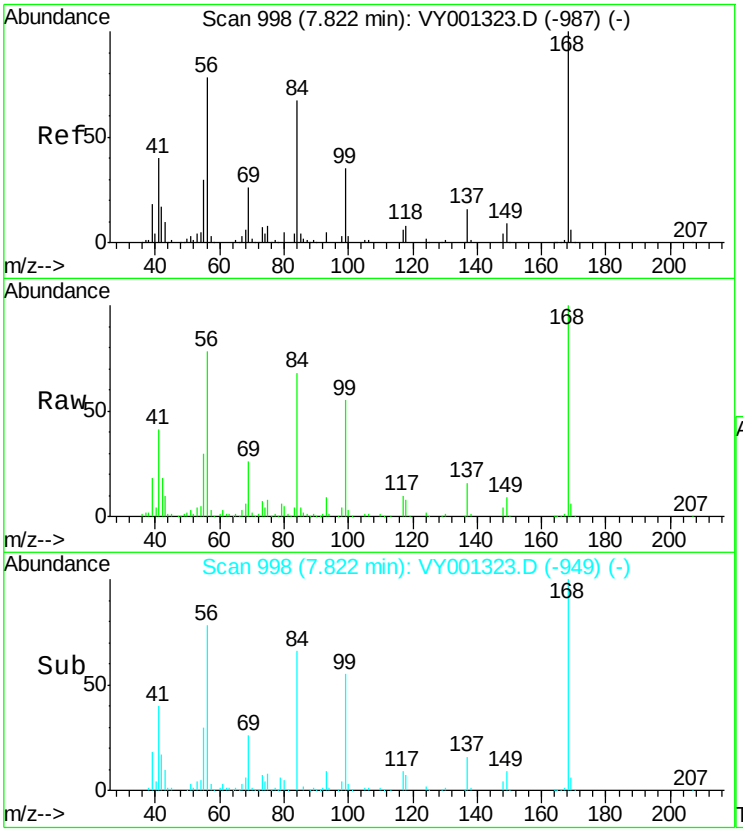
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
Data File : VY001323.D
Acq On : 21 Jan 2020 15:46
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Quant Time: Jan 21 16:25:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 16:22:02 2020
Response via : Initial Calibration



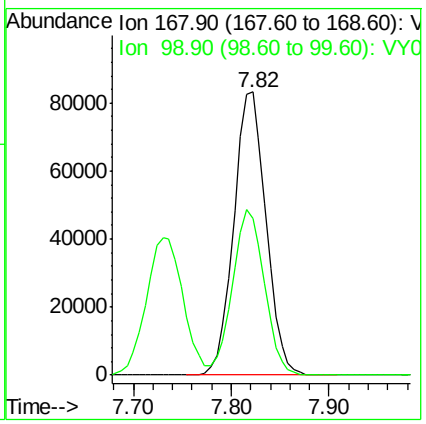


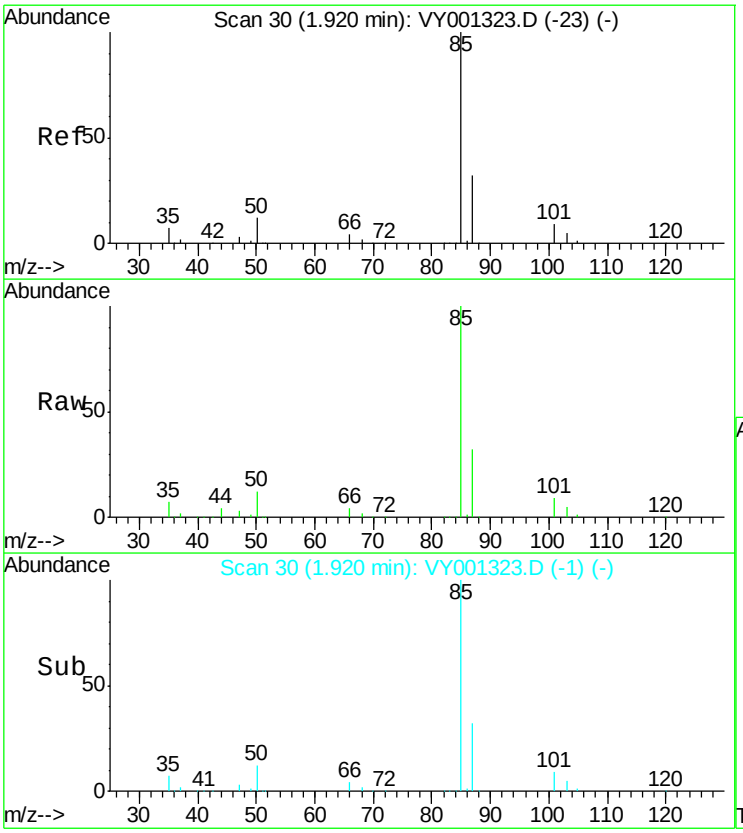

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion:168 Resp: 190208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.4 | 44.3 | 66.5 |

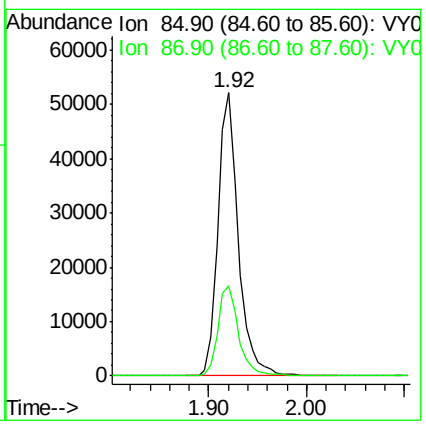


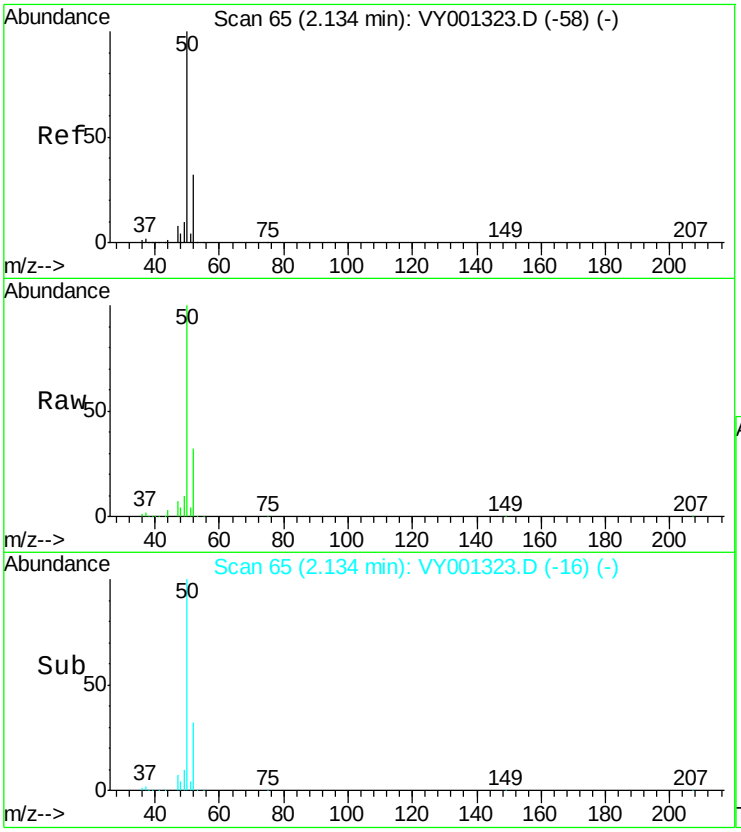




#2
Dichlorodifluoromethane
Concen: 50.89 ug/l
RT: 1.92 min Scan# 30
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 85 Resp: 75005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.0 | 16.0 | 48.0 |



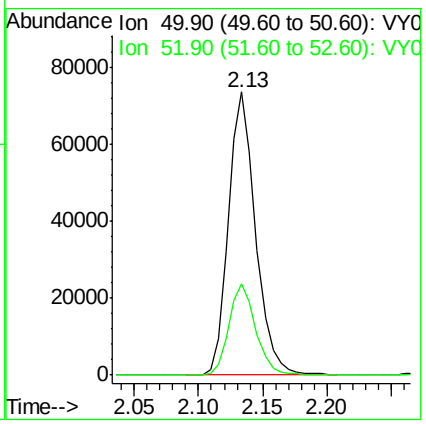


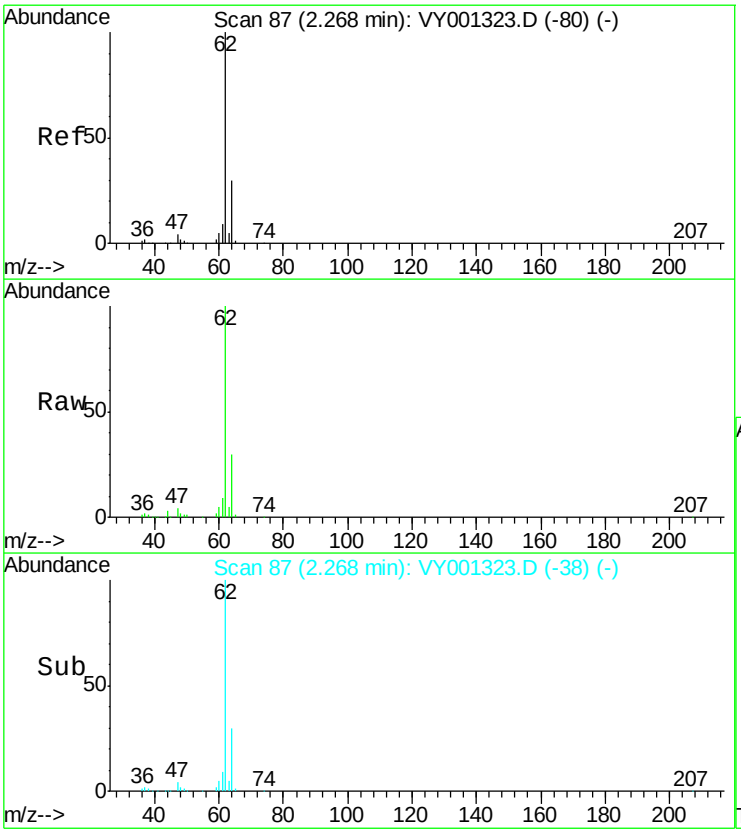

#3
Chloromethane
Concen: 50.90 ug/l
RT: 2.13 min Scan# 65
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 50 Resp: 108950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.1 | 25.7 | 38.5 |

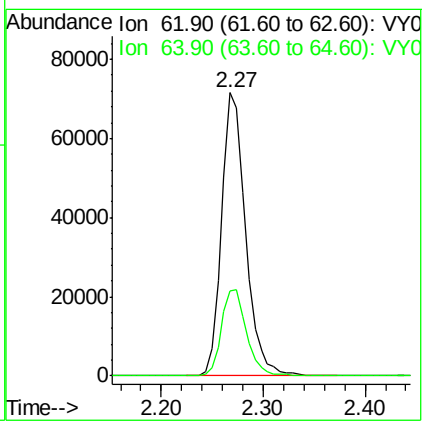


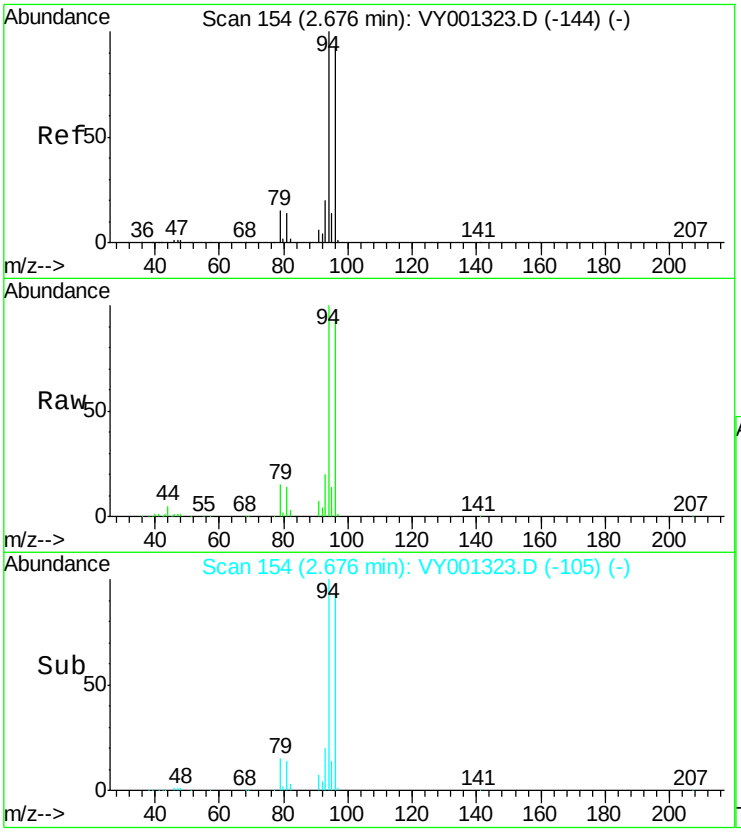




#4
Vinyl Chloride
Concen: 54.22 ug/l
RT: 2.27 min Scan# 87
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 62 Resp: 117131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 29.9 | 23.9 | 35.9 |



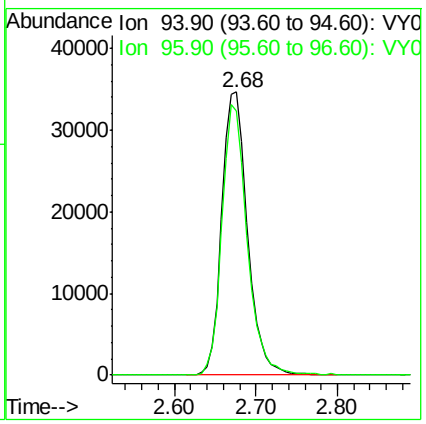


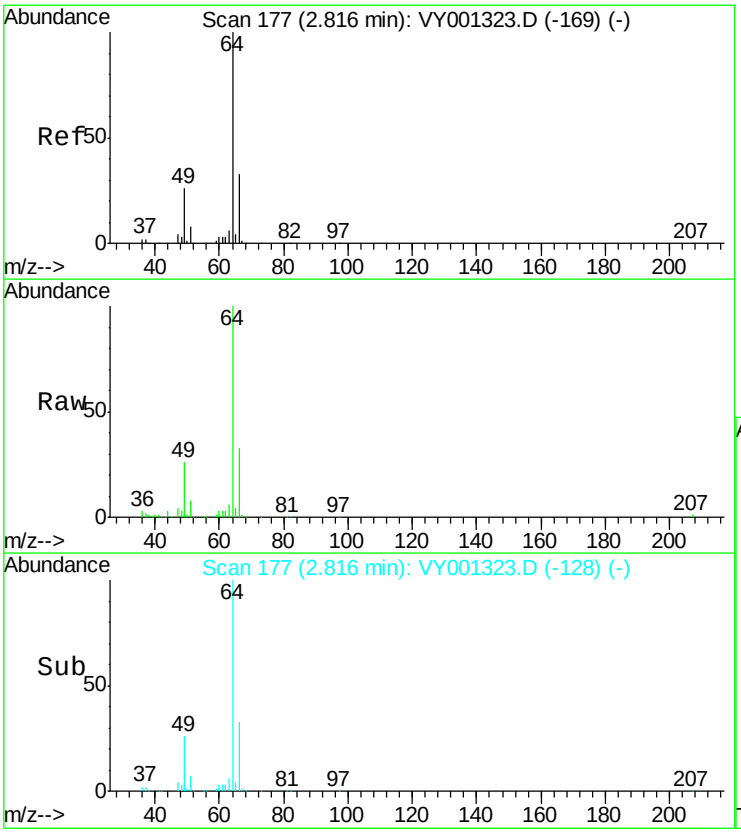

#5
Bromomethane
Concen: 63.22 ug/l
RT: 2.68 min Scan# 154
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 94 Resp: 75632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.2 | 74.6 | 111.8 |

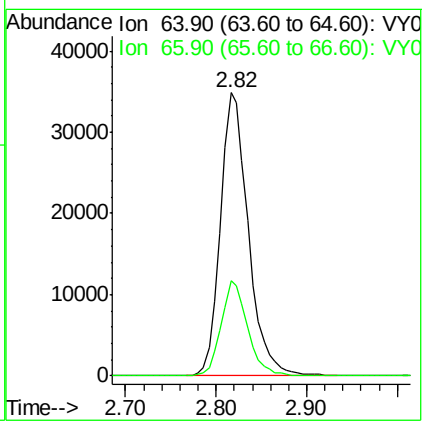


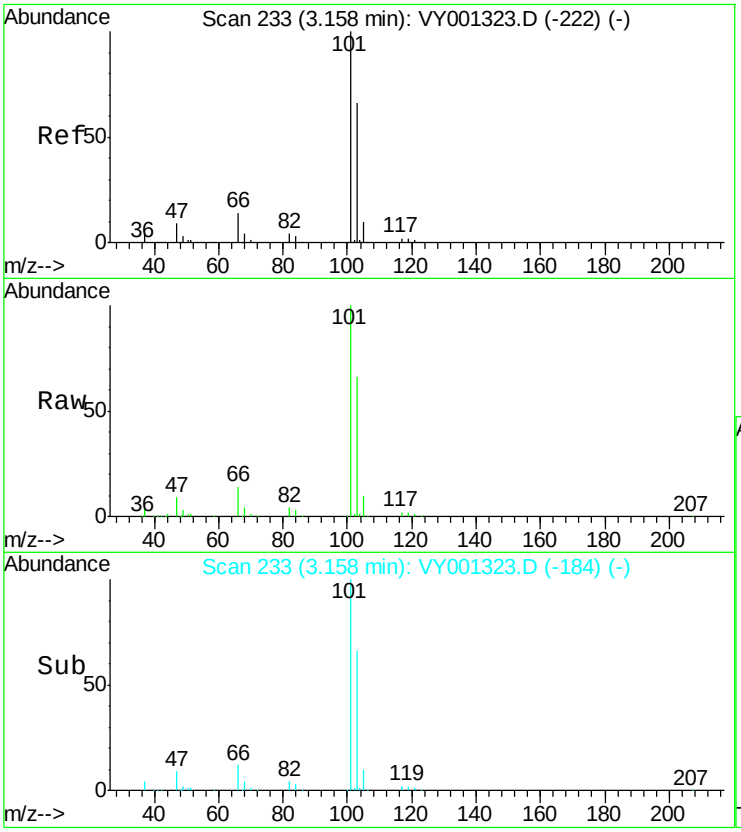




#6
Chloroethane
Concen: 58.56 ug/l
RT: 2.82 min Scan# 177
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 64 Resp: 74484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.5 | 26.8 | 40.2 |



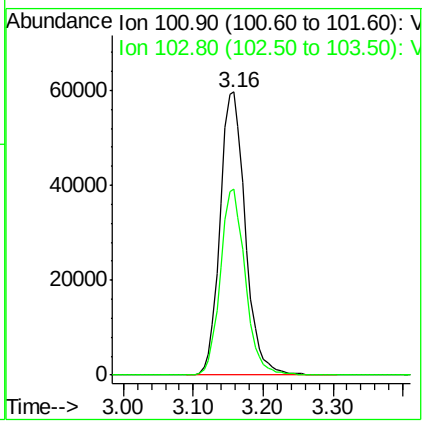


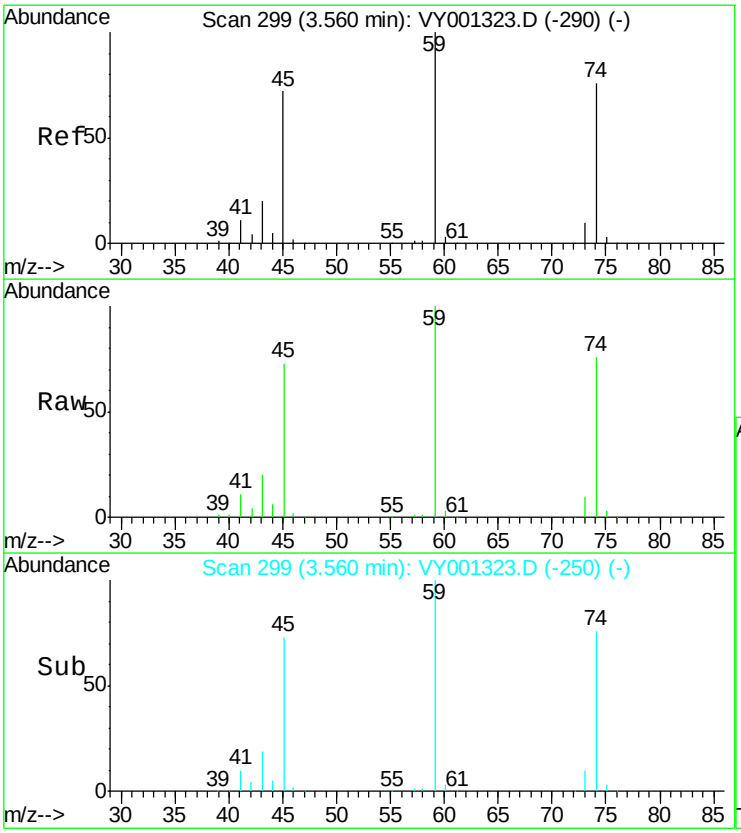

#7
Trichlorofluoromethane
Concen: 50.19 ug/l
RT: 3.16 min Scan# 233
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:101 Resp: 149596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.6 | 52.5 | 78.7 |

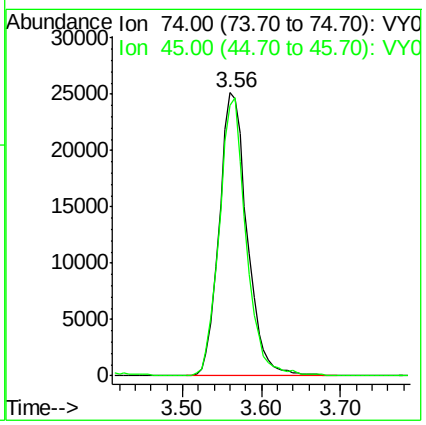


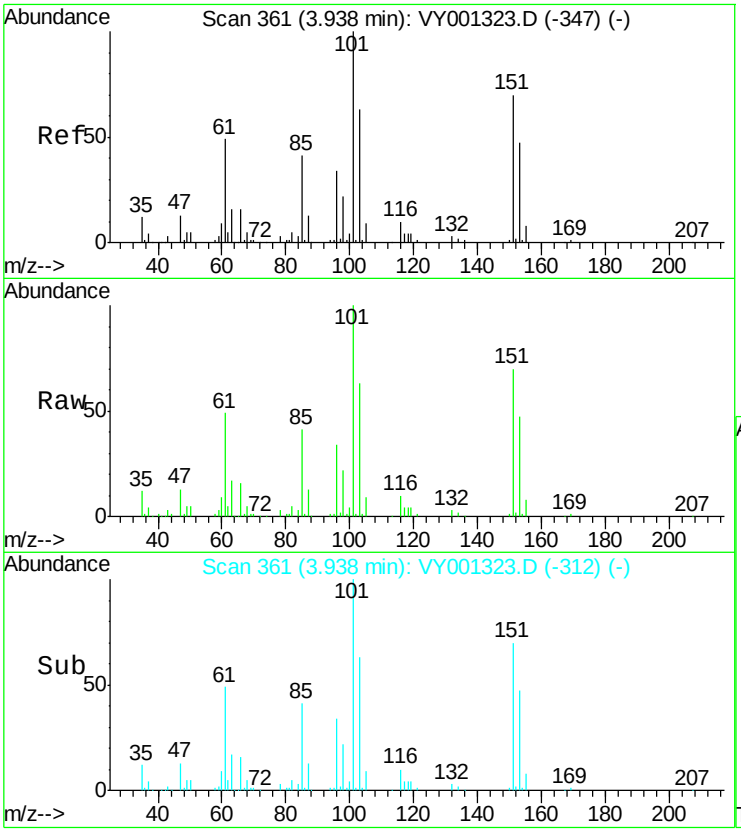




#8
Diethyl Ether
Concen: 53.16 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 74 Resp: 62007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 94.4 | 47.2 | 141.6 |



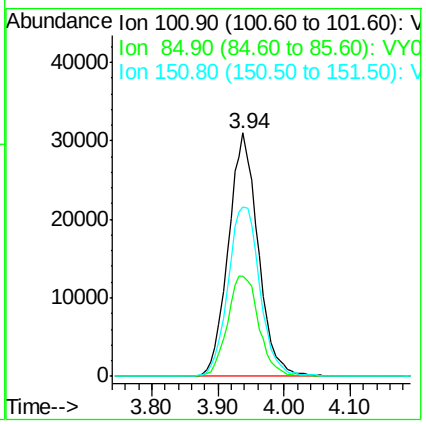


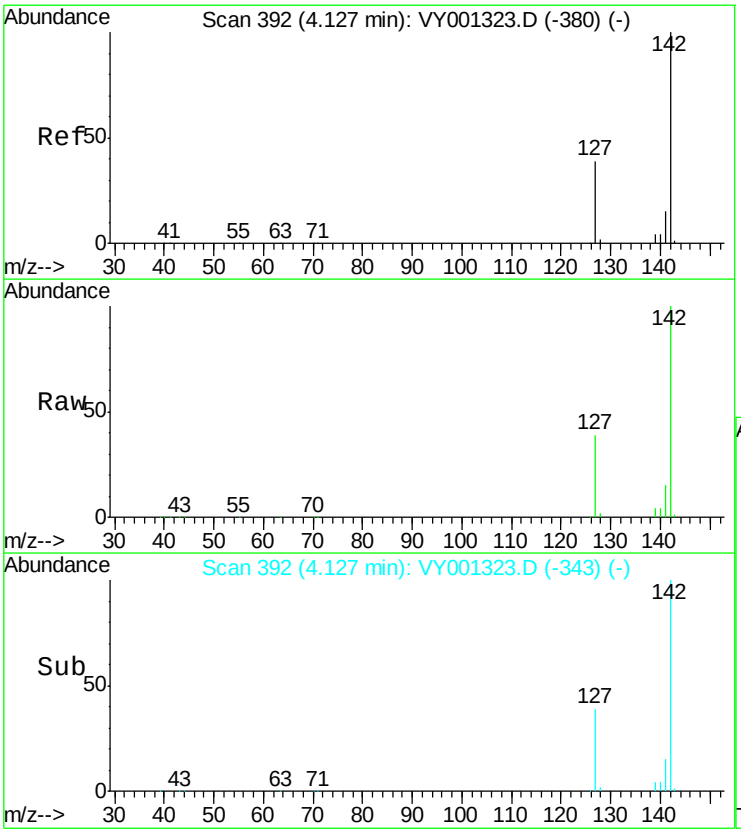

#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.47 ug/l
RT: 3.94 min Scan# 361
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:101 Resp: 96542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.6 | 34.9 | 52.3 |
| 151 | 74.9 | 59.9 | 89.9 |

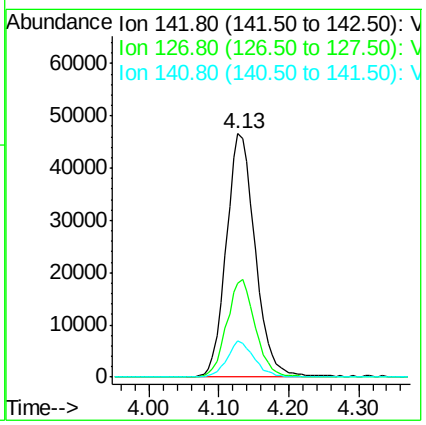


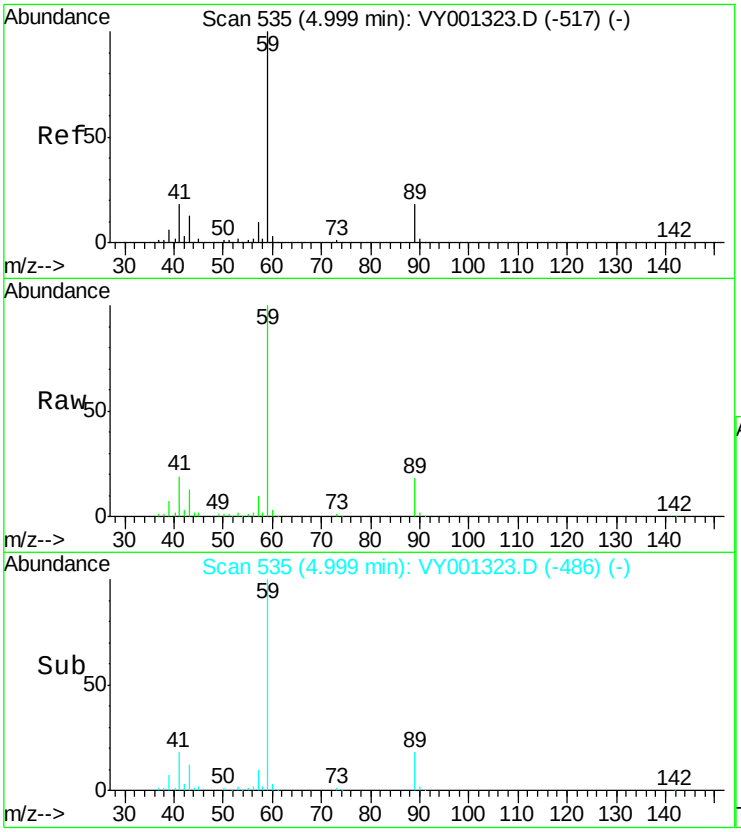




#10
Methyl Iodide
Concen: 51.14 ug/l
RT: 4.13 min Scan# 392
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:142 Resp: 133976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 39.5 | 31.6 | 47.4 |
| 141 | 14.0 | 11.2 | 16.8 |



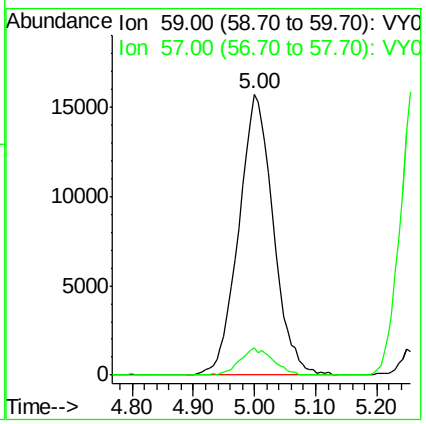


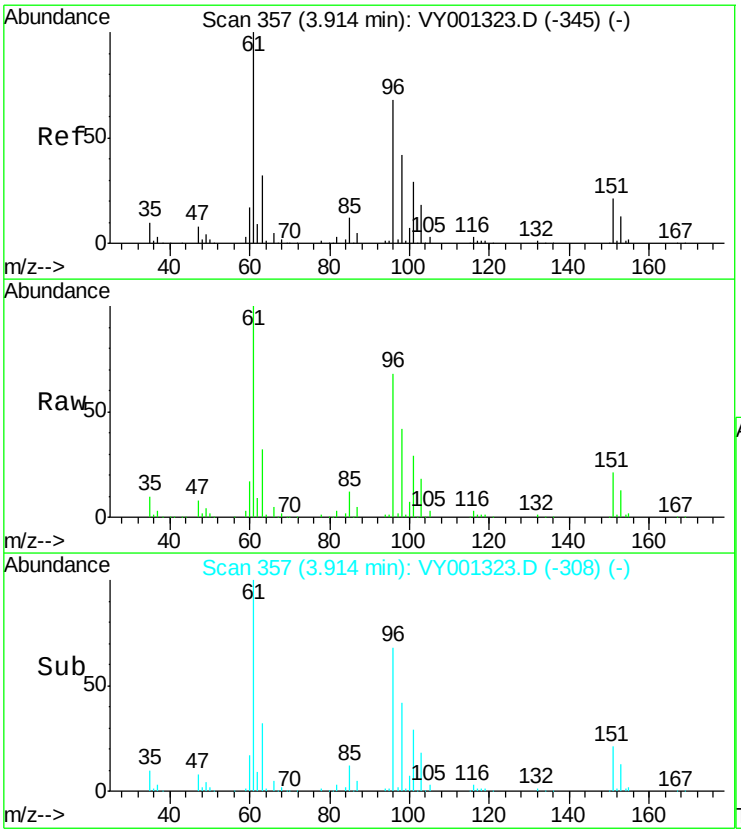

#11
Tert butyl alcohol
Concen: 289.17 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 59 Resp: 61787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.3 | 7.4 | 11.2 |

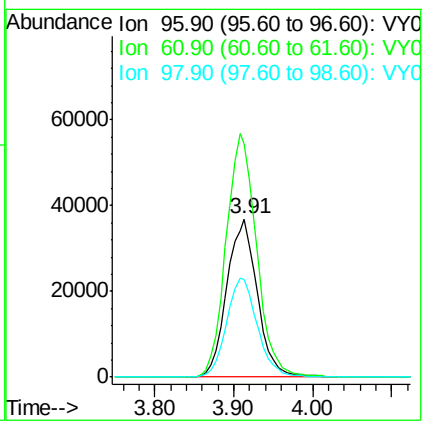


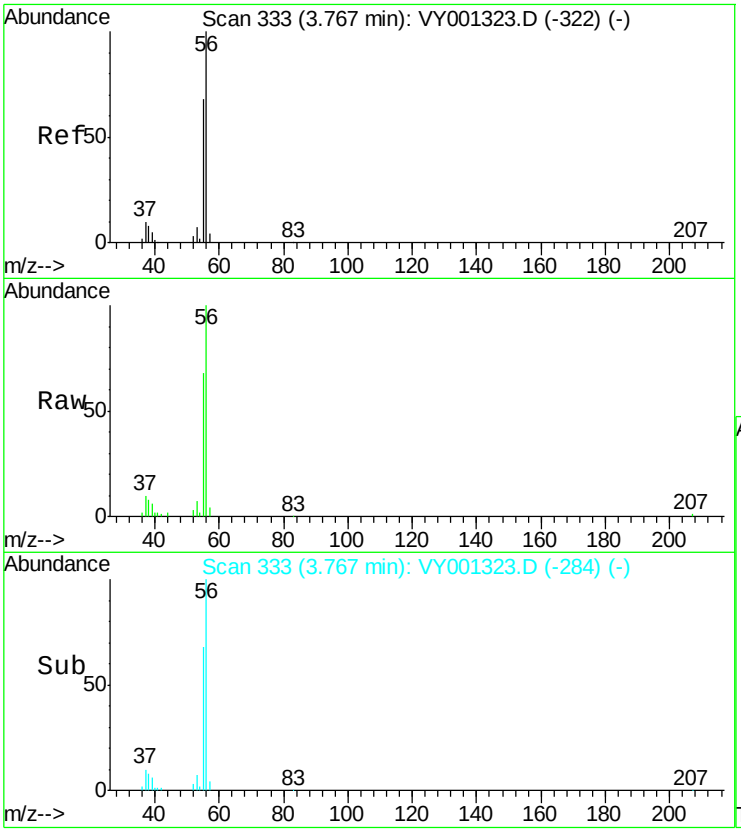




#12
1,1-Dichloroethene
Concen: 50.42 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 96 Resp: 98839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 147.5 | 118.0 | 177.0 |
| 98 | 61.8 | 49.4 | 74.2 |



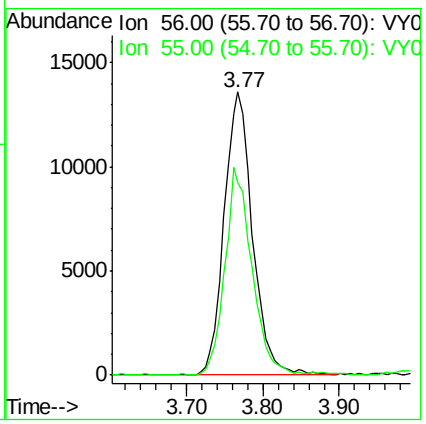


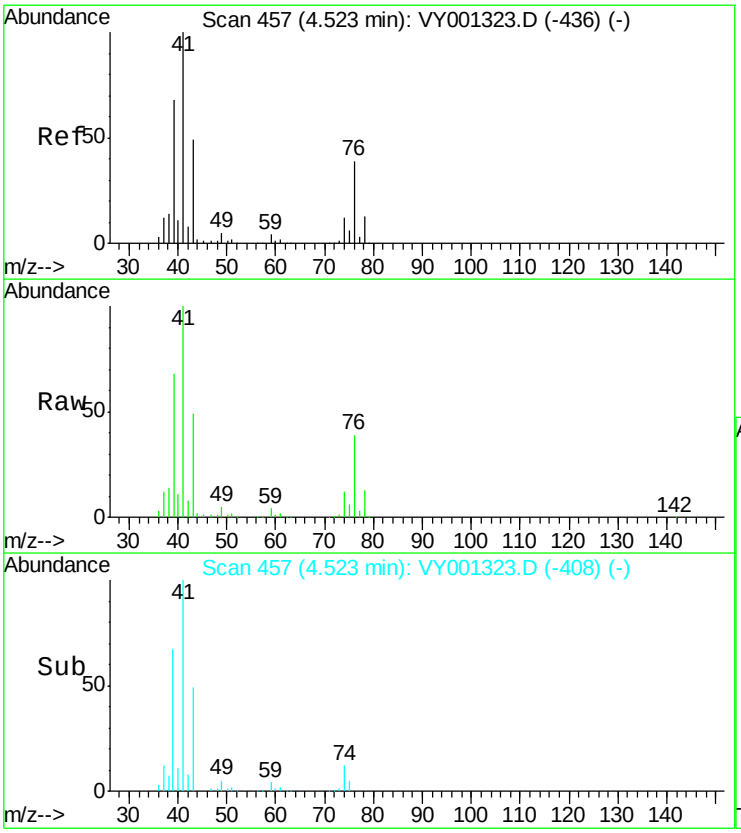

#13
Acrolein
Concen: 197.48 ug/l
RT: 3.77 min Scan# 333
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 56 Resp: 34845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.9 | 55.9 | 83.9 |

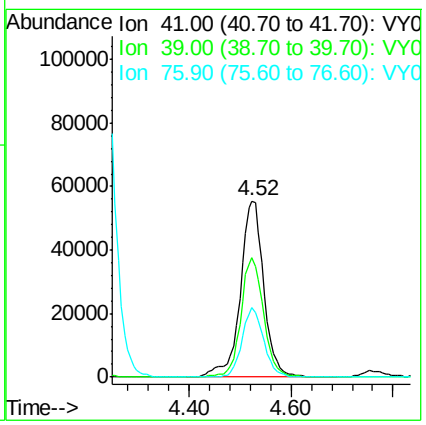


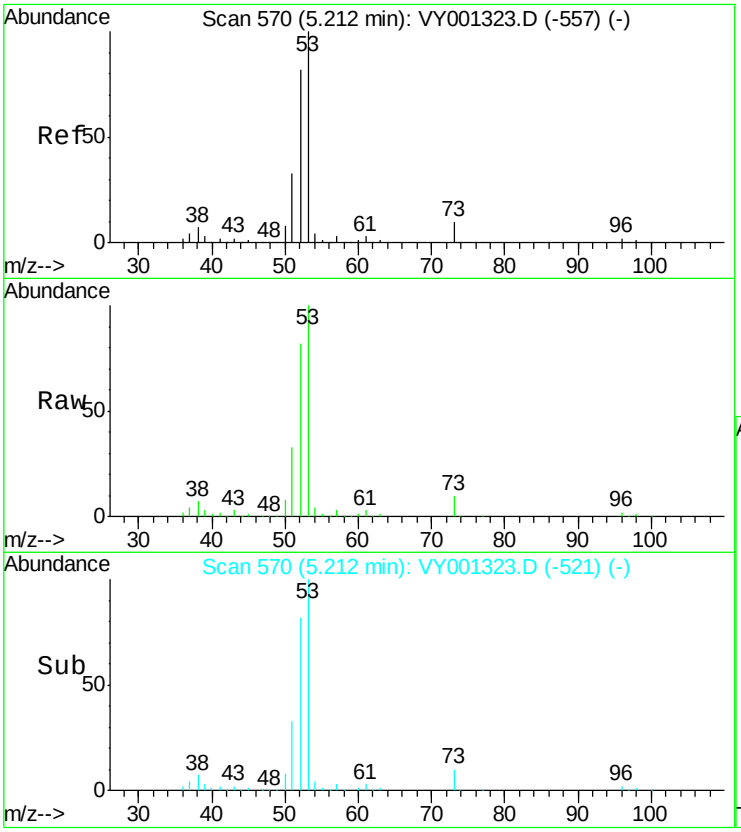




#14
Allyl chloride
Concen: 53.04 ug/l
RT: 4.52 min Scan# 457
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 41 Resp: 177067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.3 | 52.2 | 78.4 |
| 76 | 36.4 | 29.1 | 43.7 |



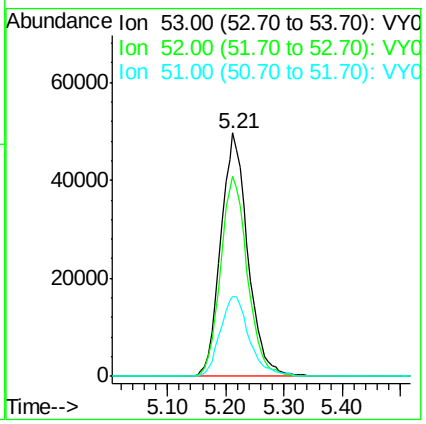


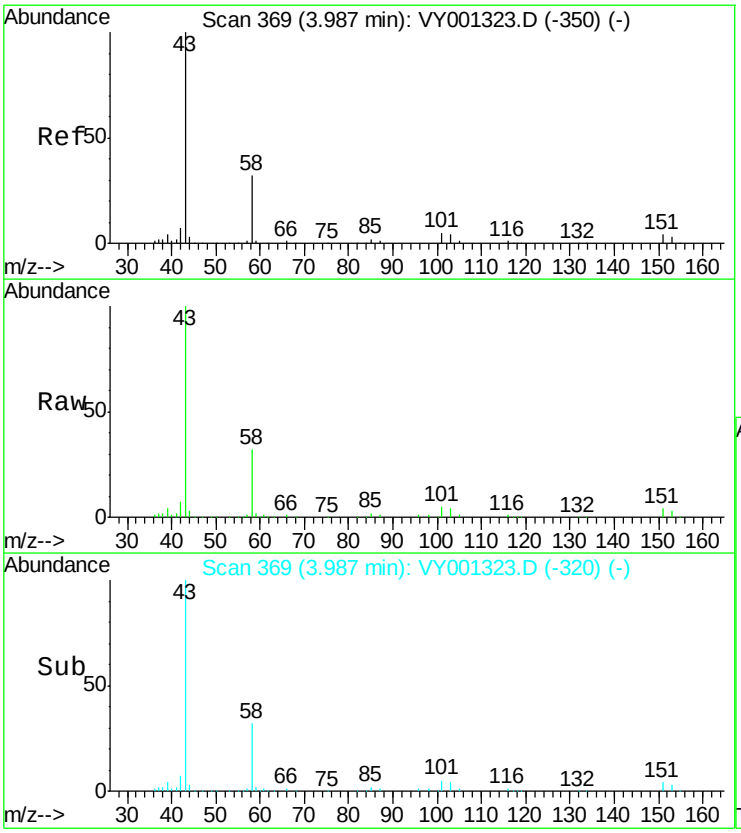

#15
Acrylonitrile
Concen: 270.96 ug/l
RT: 5.21 min Scan# 570
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 53 Resp: 159595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.6 | 65.3 | 97.9 |
| 51 | 35.5 | 28.4 | 42.6 |

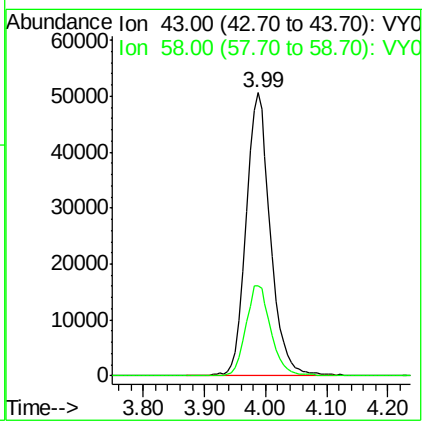


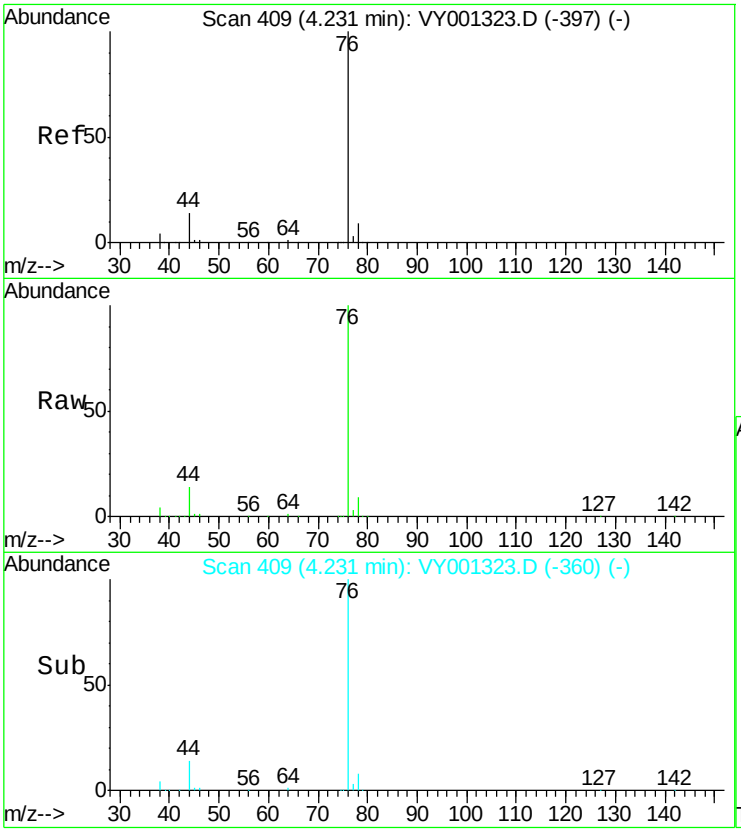




#16
Acetone
Concen: 288.48 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 43 Resp: 140789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.7 | 25.4 | 38.0 |



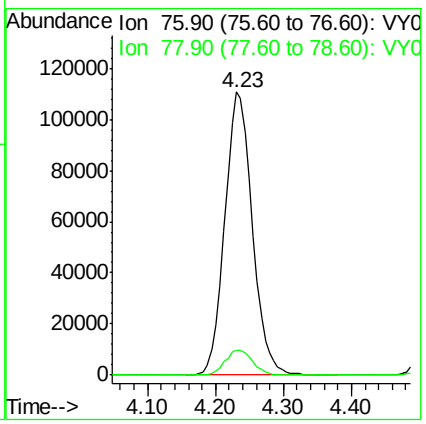


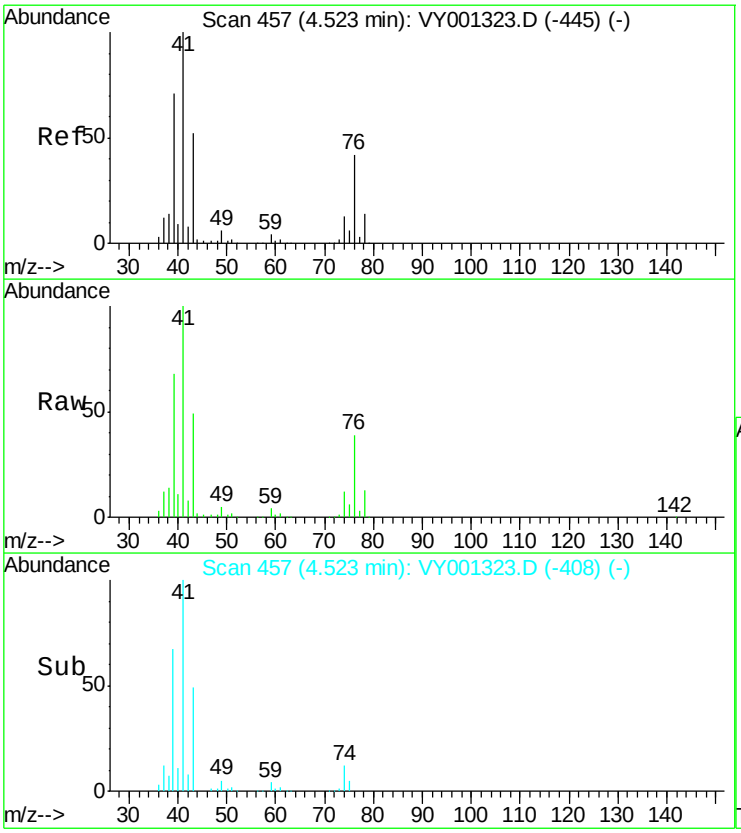

#17
Carbon Disulfide
Concen: 49.23 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 76 Resp: 309930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.0 | 10.6 |

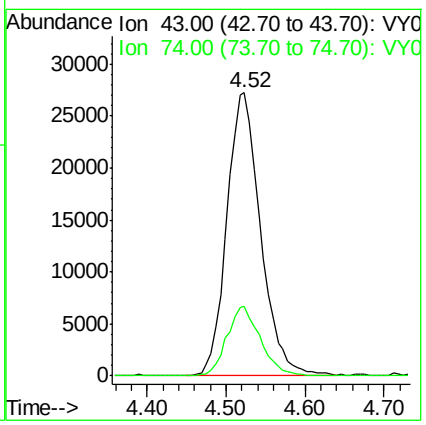


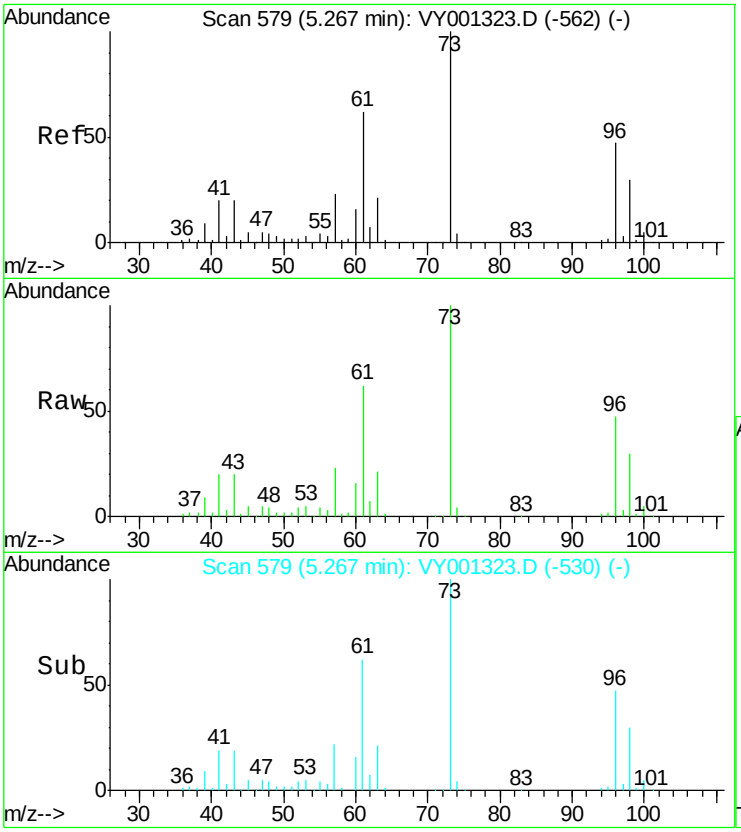




#18
Methyl Acetate
Concen: 51.46 ug/l
RT: 4.52 min Scan# 457
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 43 Resp: 81079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.3 | 19.4 | 29.2 |



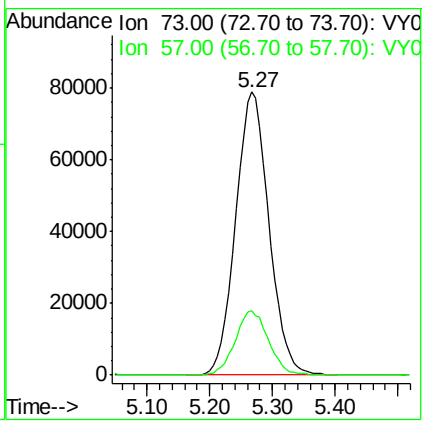


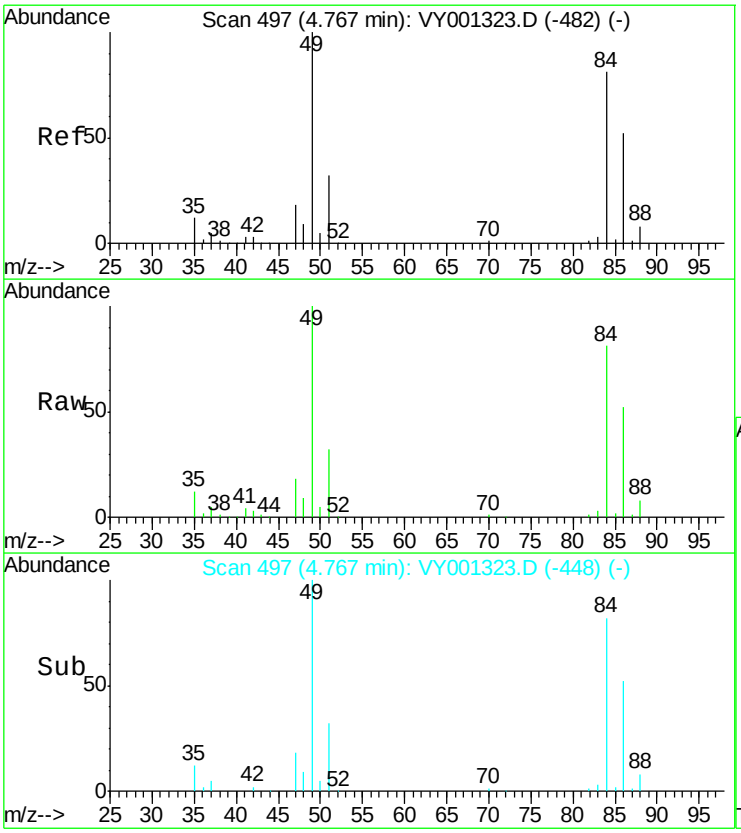

#19
Methyl tert-butyl Ether
Concen: 53.02 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 73 Resp: 289864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.7 | 18.2 | 27.2 |

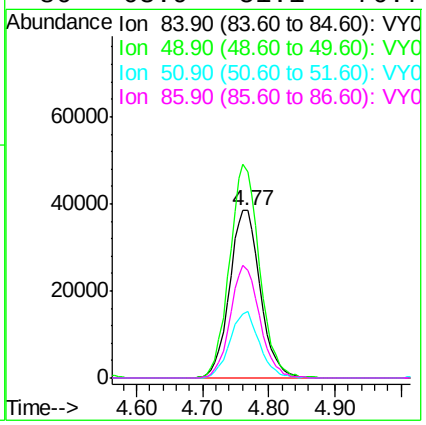


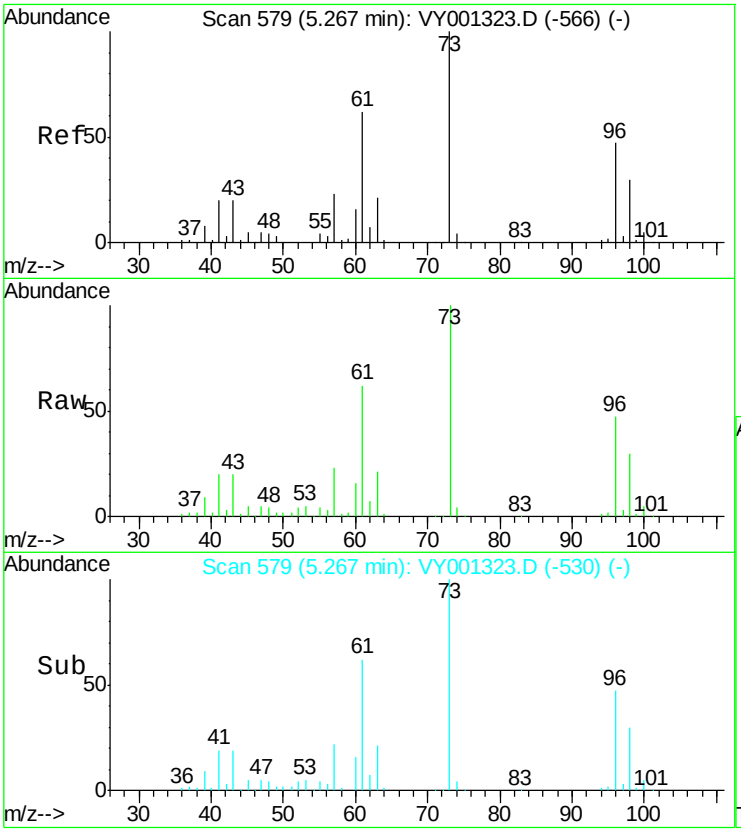




#20
Methylene Chloride
Concen: 46.61 ug/l
RT: 4.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 84 Resp: 123842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 122.9 | 98.3 | 147.5 |
| 51 | 39.5 | 31.6 | 47.4 |
| 86 | 63.9 | 51.1 | 76.7 |



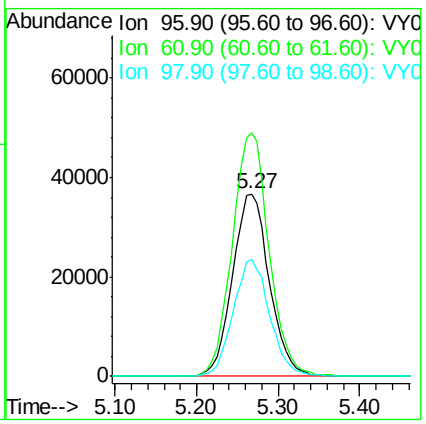


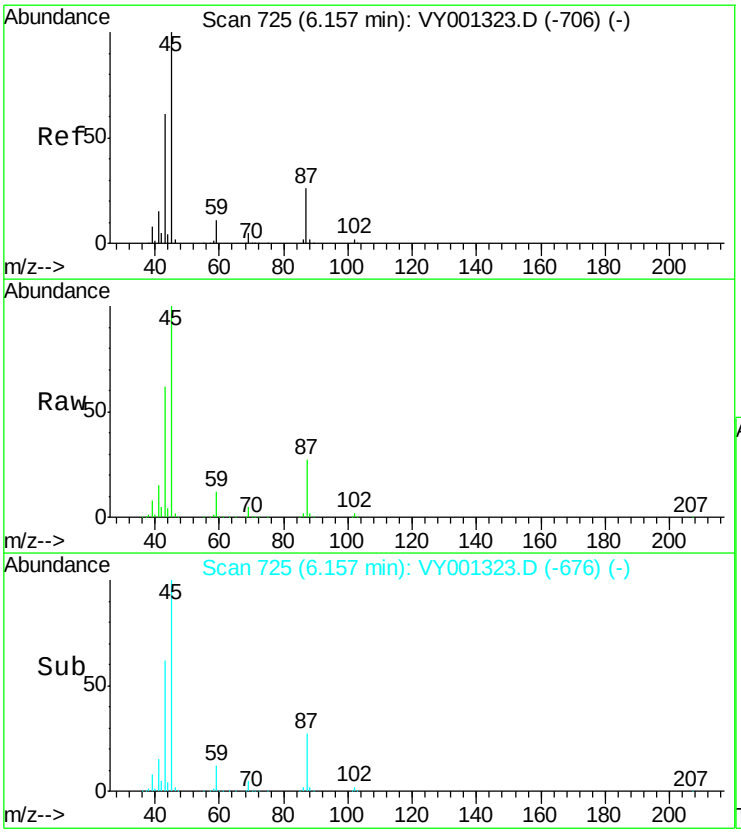

#21
trans-1,2-Dichloroethene
Concen: 51.53 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 96 Resp: 114727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.5 | 106.8 | 160.2 |
| 98 | 63.8 | 51.0 | 76.6 |

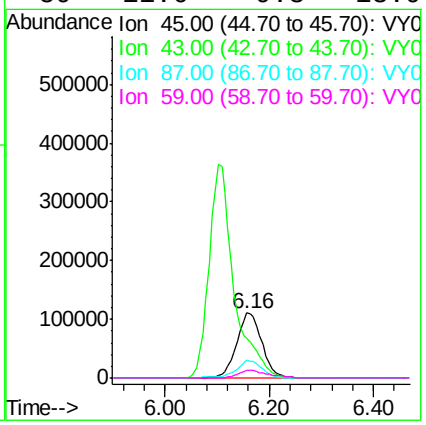


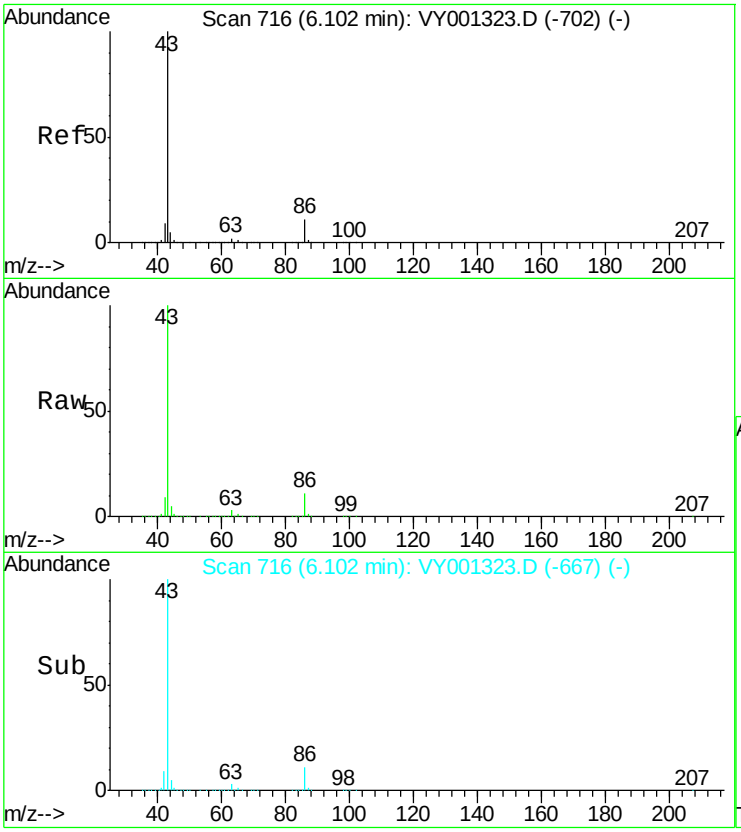




#22
Diisopropyl ether
Concen: 54.31 ug/l
RT: 6.16 min Scan# 725
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 45 Resp: 371864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 61.5 | 49.2 | 73.8 |
| 87 | 26.8 | 21.4 | 32.2 |
| 59 | 11.6 | 9.3 | 13.9 |



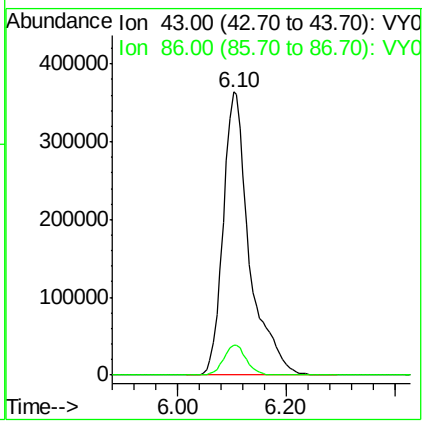


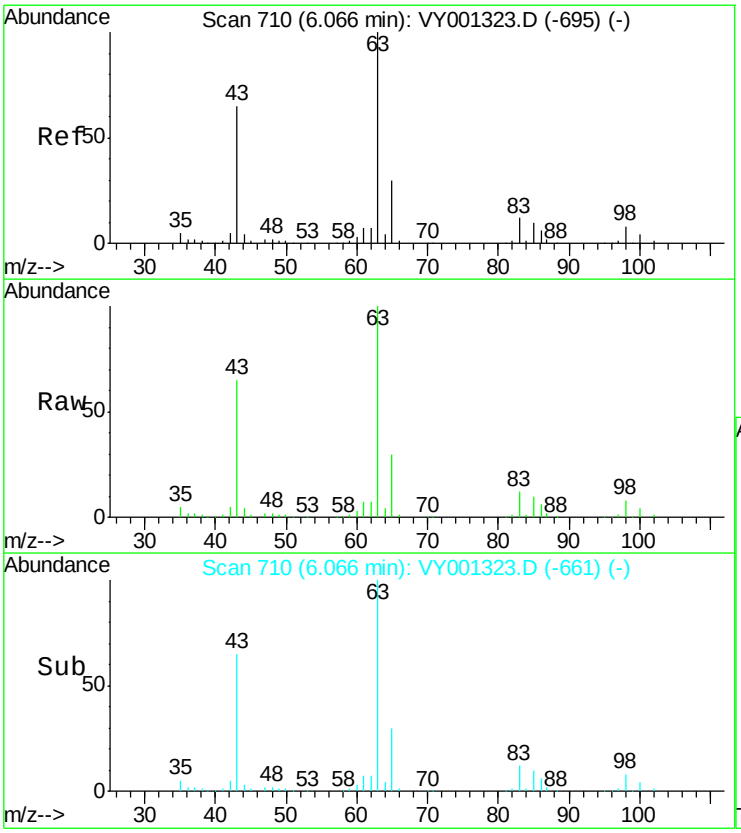

#23
Vinyl Acetate
Concen: 278.63 ug/l
RT: 6.10 min Scan# 716
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 1224450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.8 | 8.6 | 13.0 |

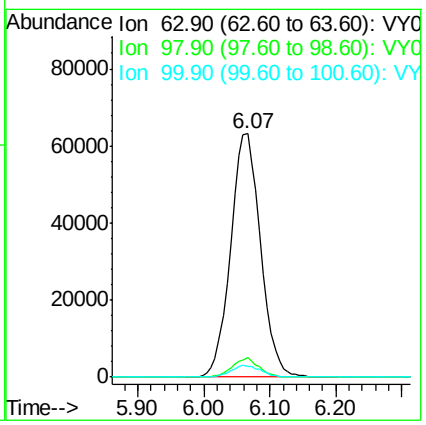


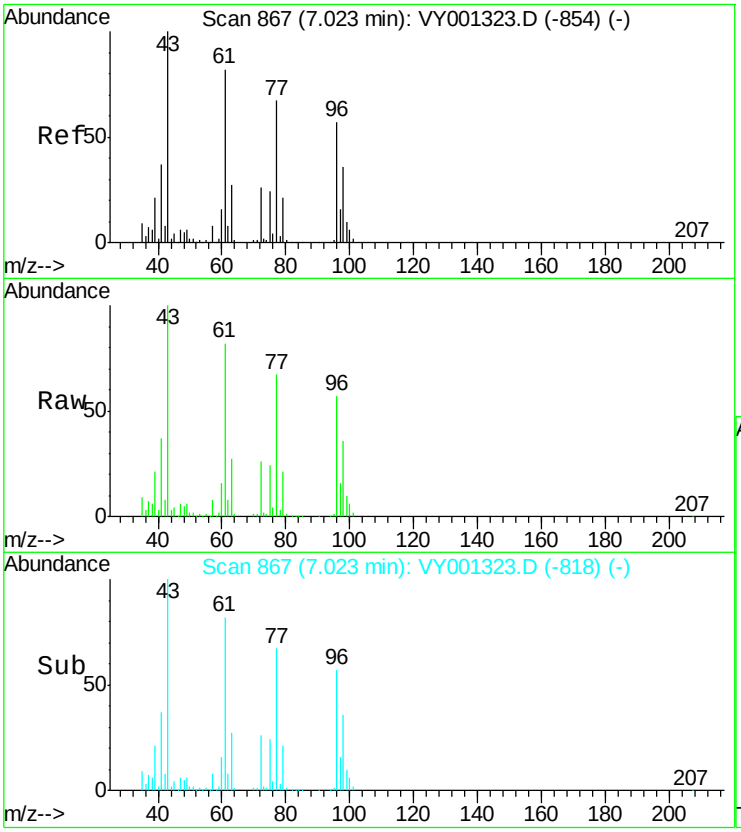




#24
1,1-Dichloroethane
Concen: 52.99 ug/l
RT: 6.07 min Scan# 710
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 63 Resp: 197756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.0 | 4.0 | 12.0 |
| 100 | 4.2 | 2.1 | 6.3 |



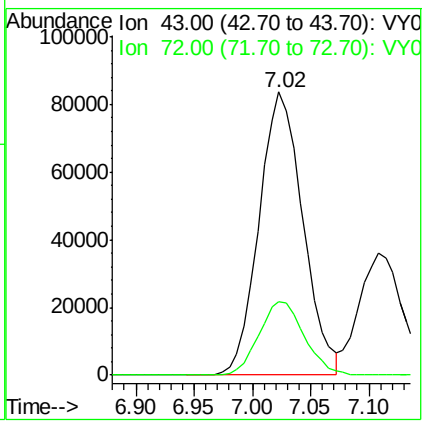


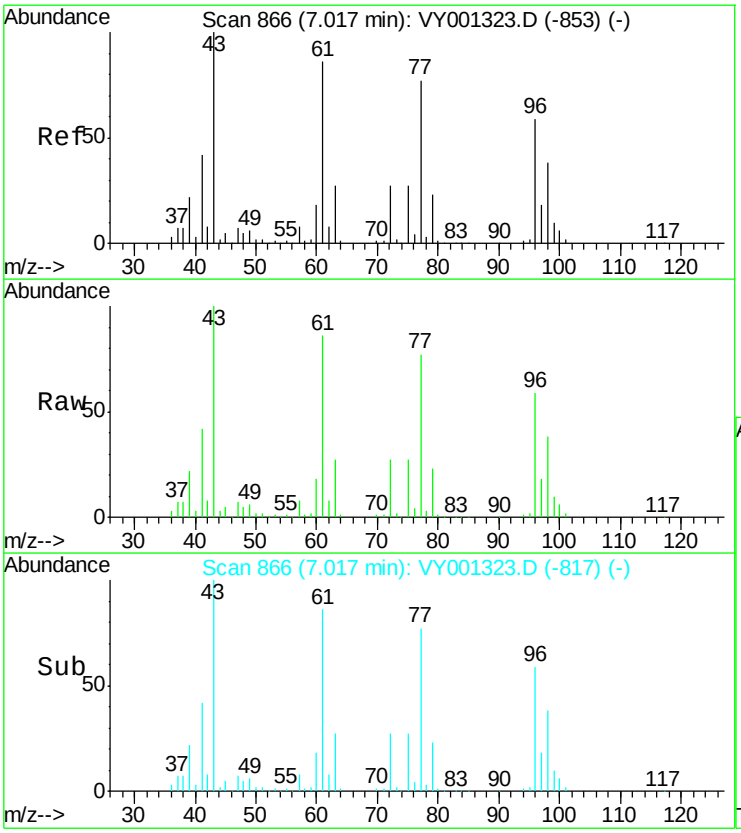

#25
2-Butanone
Concen: 289.10 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 218199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.8 | 20.6 | 31.0 |

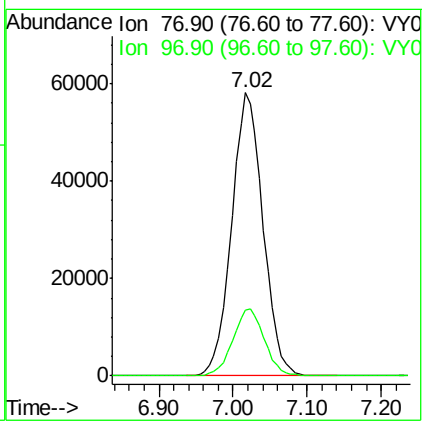


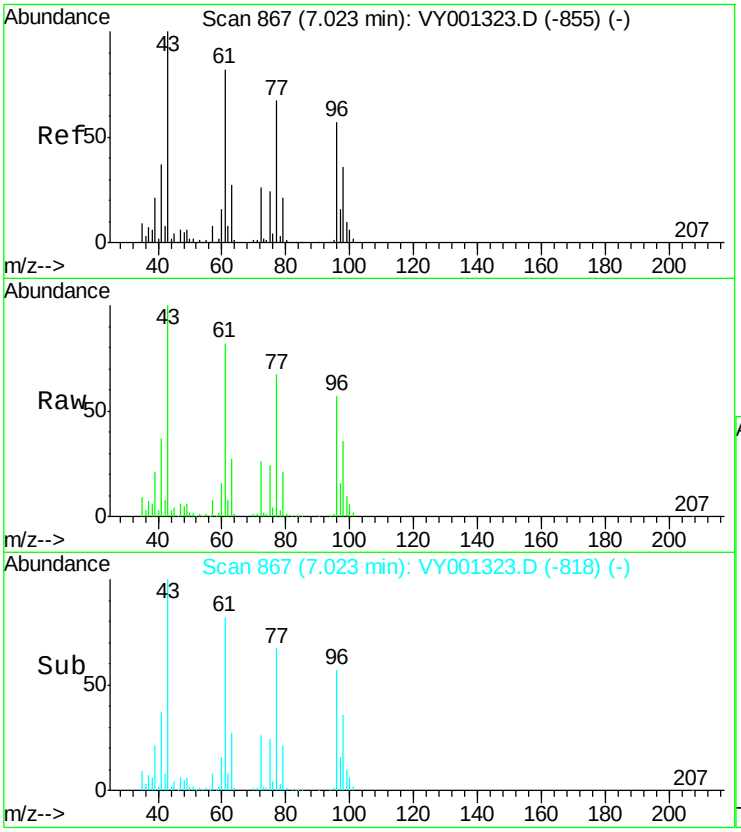




#26
2,2-Dichloropropane
Concen: 50.22 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 77 Resp: 171250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.7 | 11.9 | 35.5 |



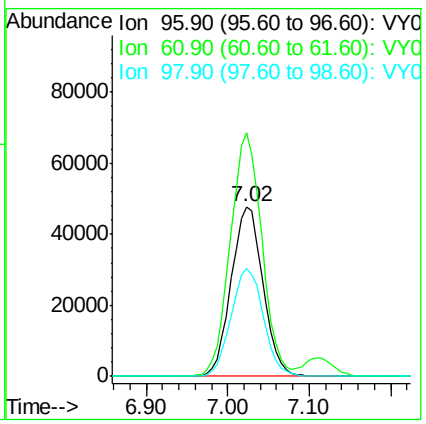


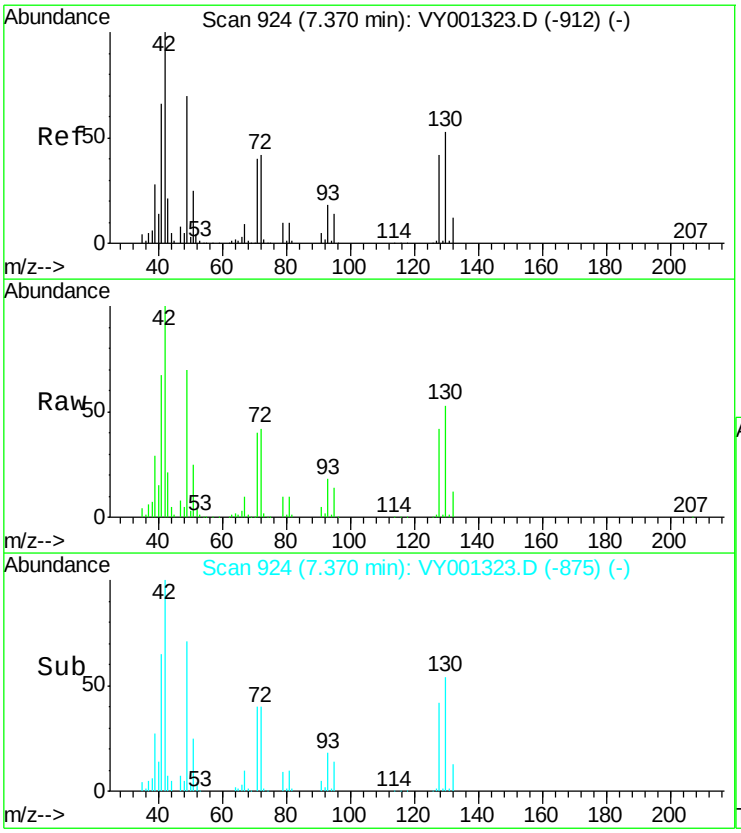

#27
cis-1,2-Dichloroethene
Concen: 52.57 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 96 Resp: 128651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.4 | 0.0 | 284.8 |
| 98 | 64.2 | 0.0 | 128.4 |

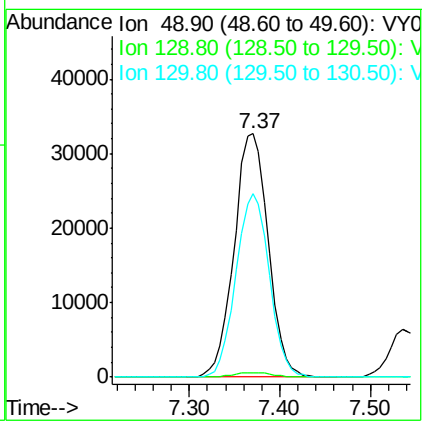


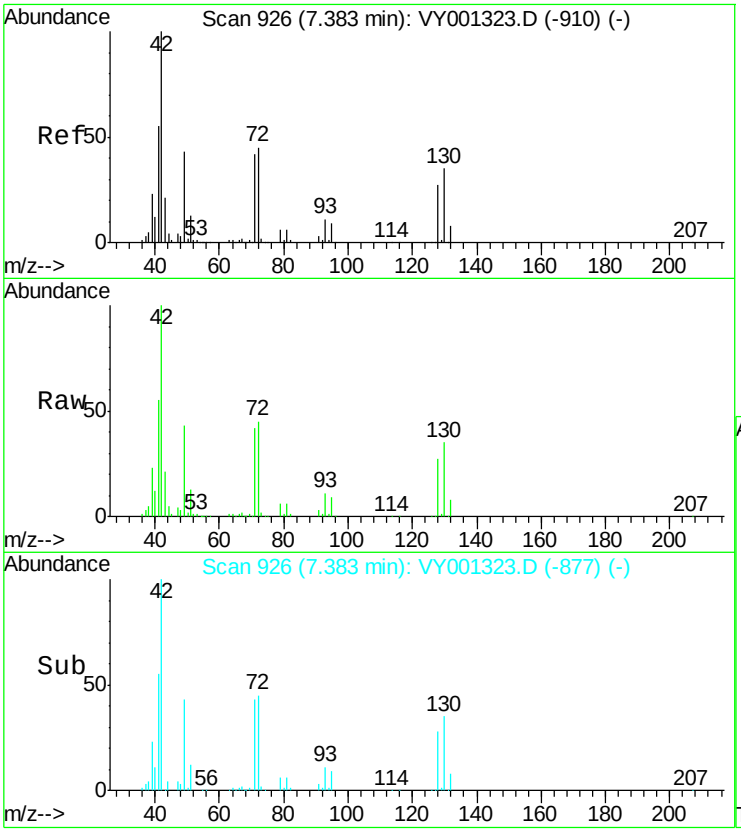




#28
Bromochloromethane
Concen: 55.98 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 49 Resp: 85165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.0 |
| 130 | 73.6 | 58.9 | 88.3 |



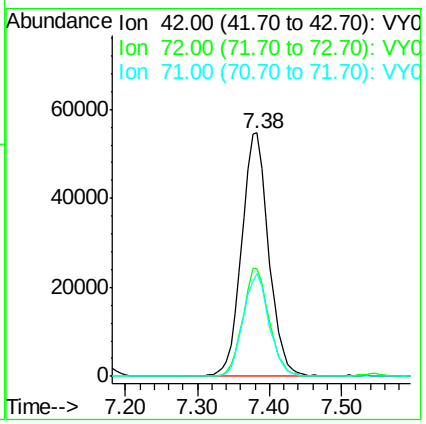


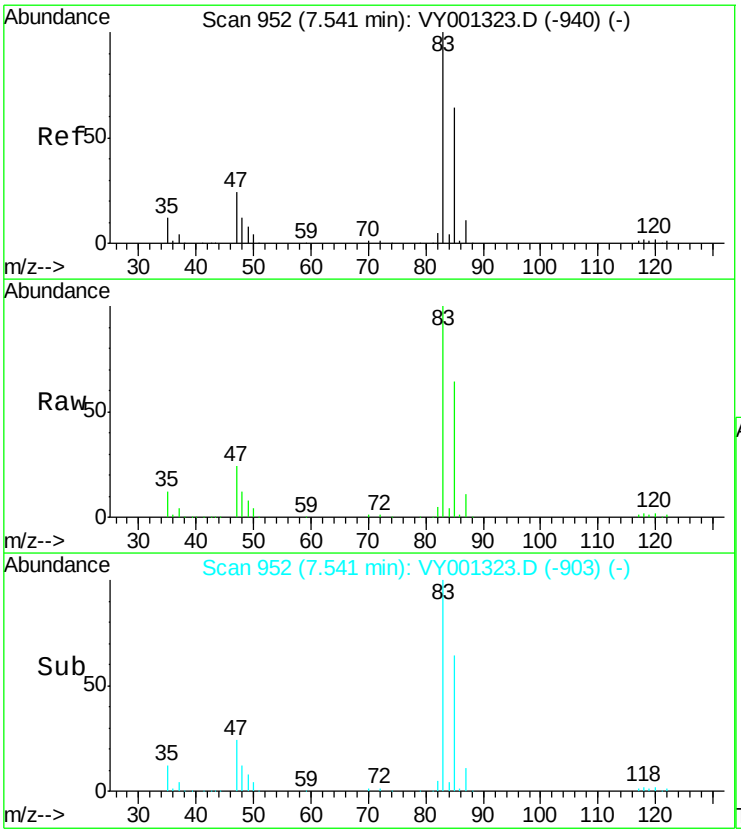

#29
Tetrahydrofuran
Concen: 278.22 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 42 Resp: 142508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.2 | 34.6 | 51.8 |
| 71 | 40.7 | 32.6 | 48.8 |

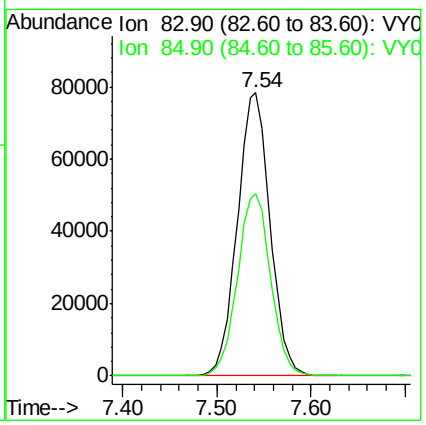


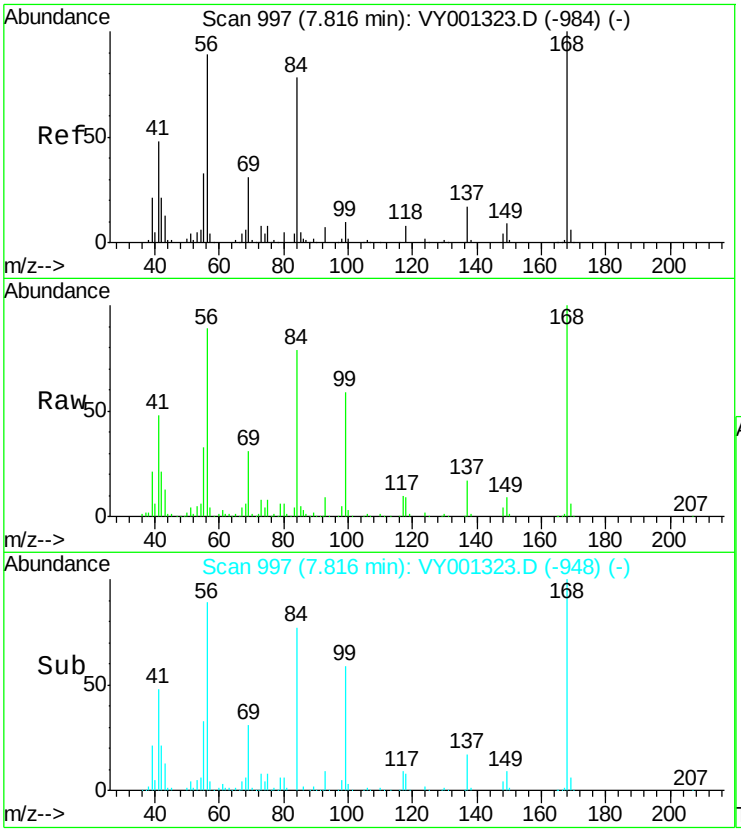




#30
Chloroform
Concen: 52.27 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 83 Resp: 190290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 51.5 | 77.3 |



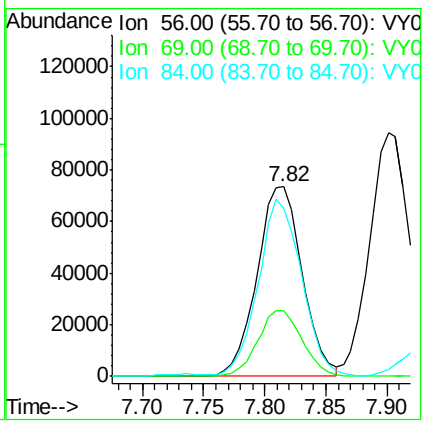


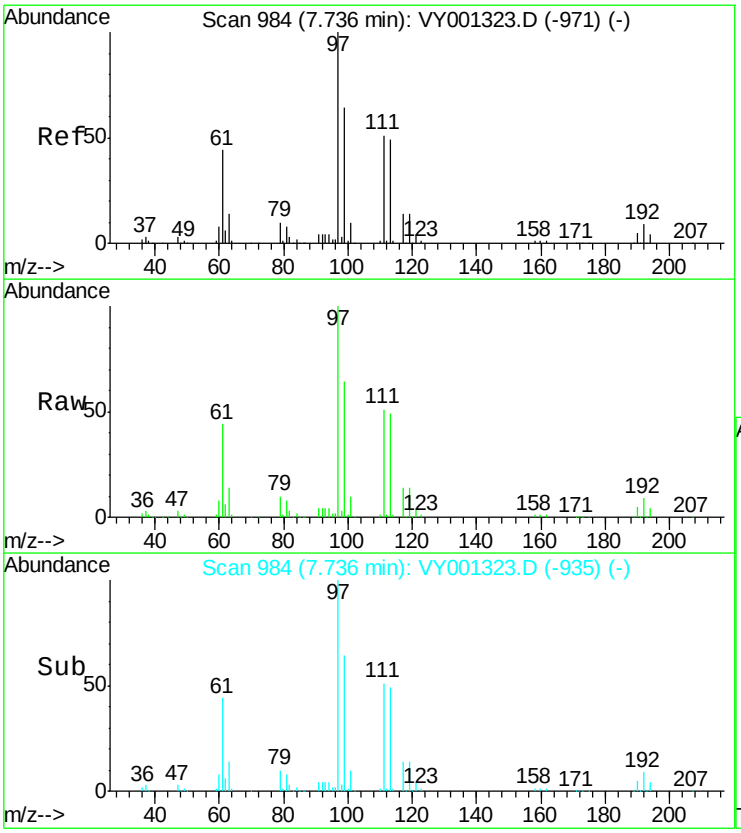

#31
Cyclohexane
Concen: 48.43 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 56 Resp: 189062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 34.5 | 27.6 | 41.4 |
| 84 | 87.1 | 69.7 | 104.5 |

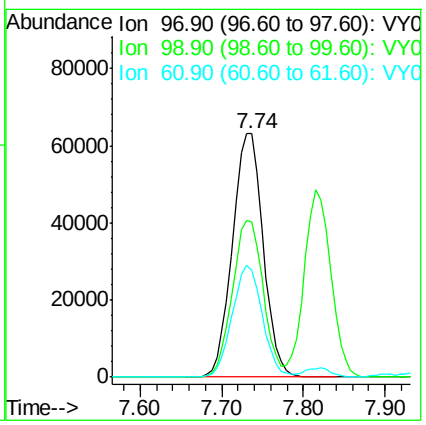


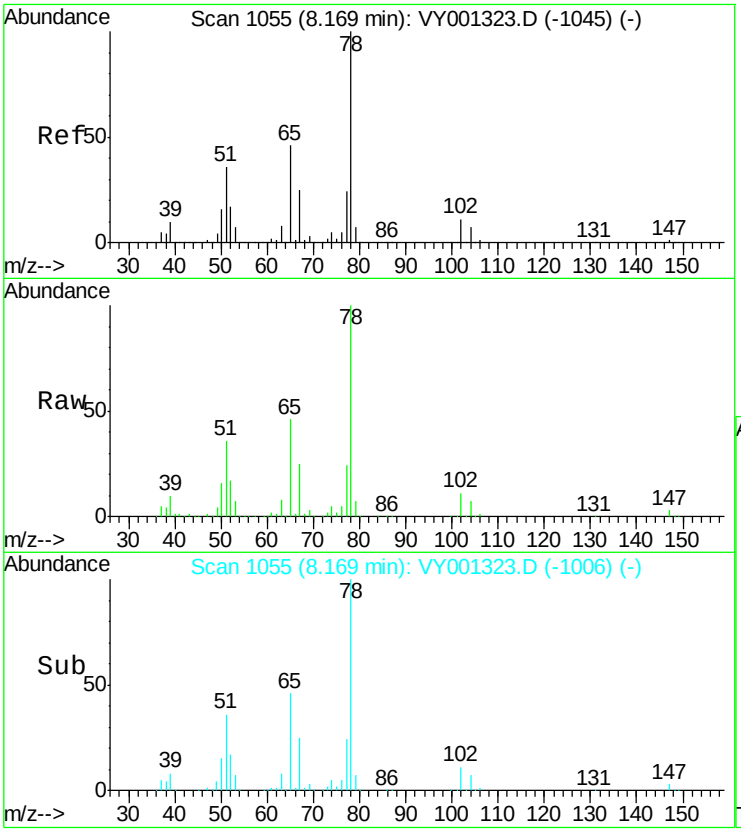




#32
1,1,1-Trichloroethane
Concen: 51.11 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 97 Resp: 164338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.1 | 51.3 | 76.9 |
| 61 | 44.9 | 35.9 | 53.9 |



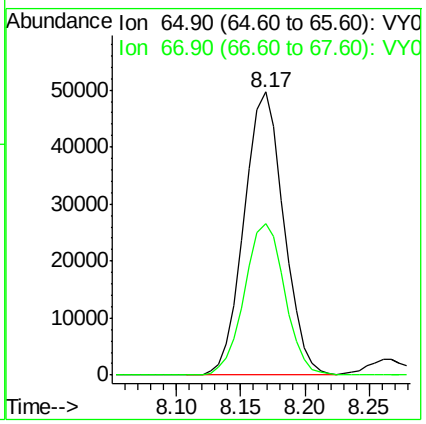


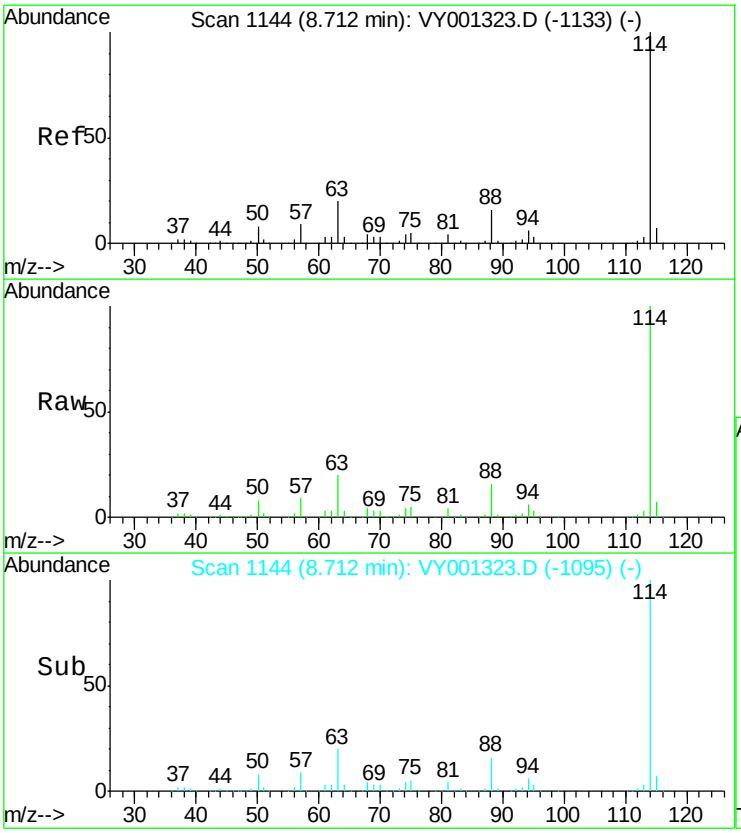

#33
1,2-Dichloroethane-d4
Concen: 52.52 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 65 Resp: 106046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.3 | 0.0 | 108.6 |

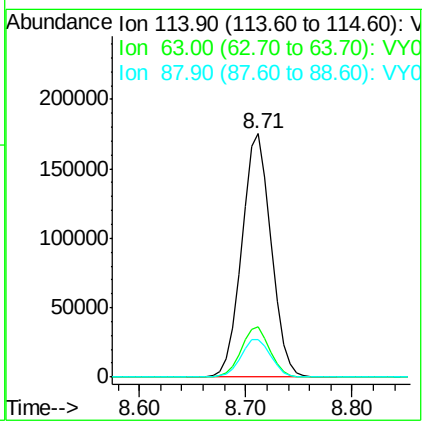


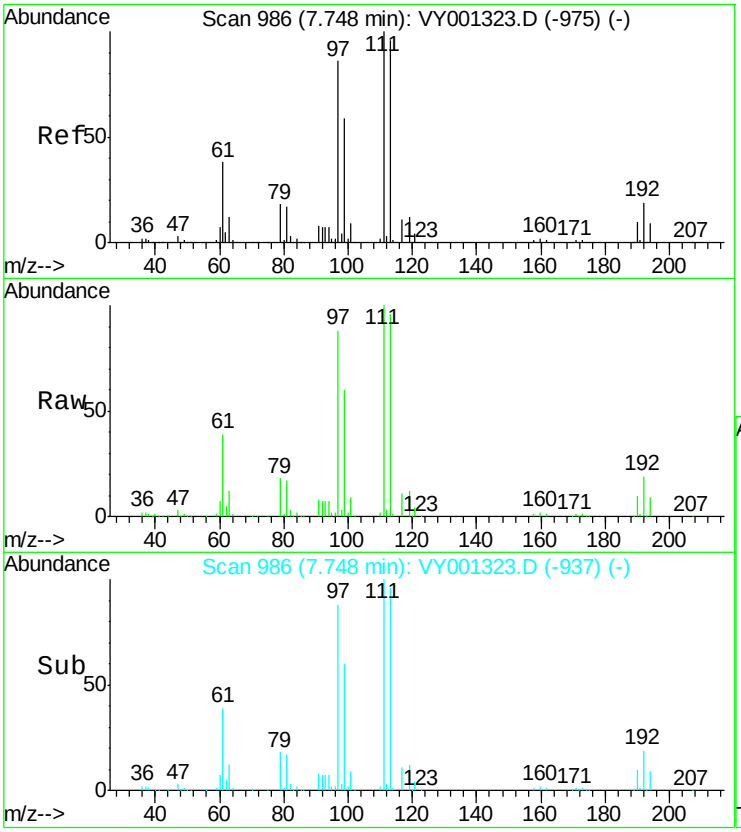




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:114 Resp: 339062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 40.8 |
| 88 | 15.5 | 0.0 | 31.0 |



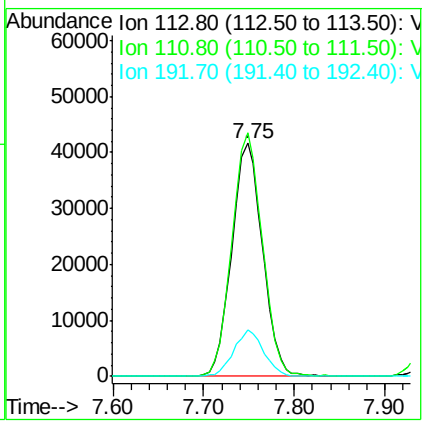


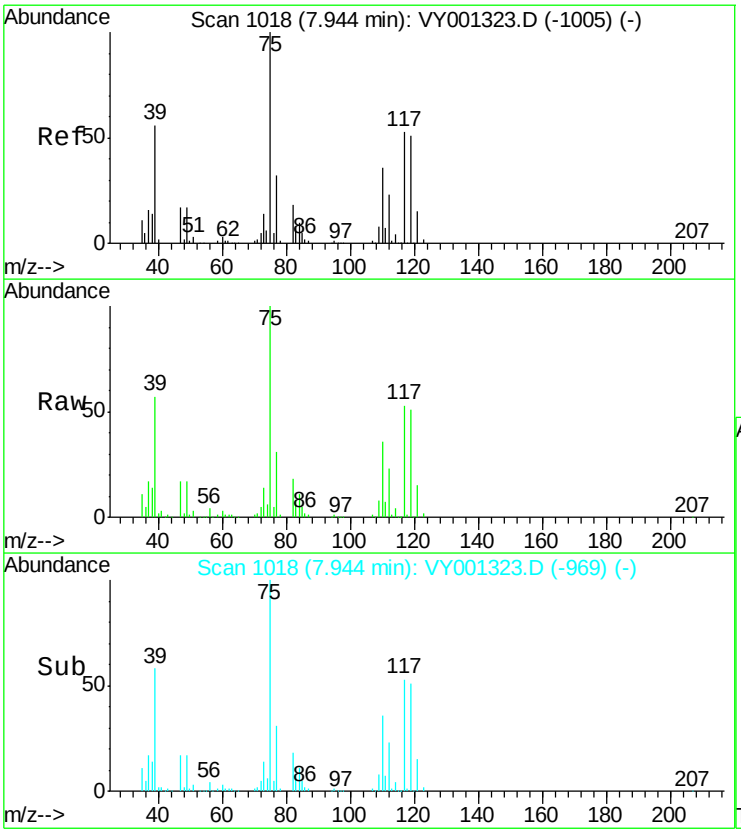

#35
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:113 Resp: 98157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 82.8 | 124.2 |
| 192 | 19.4 | 15.5 | 23.3 |

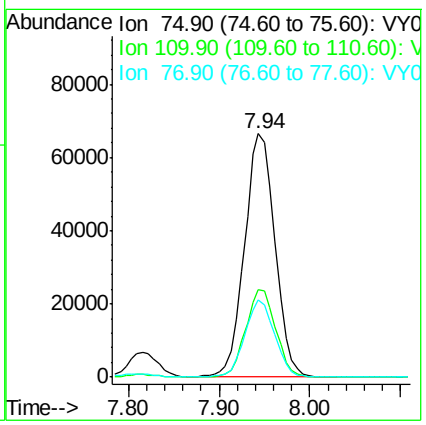


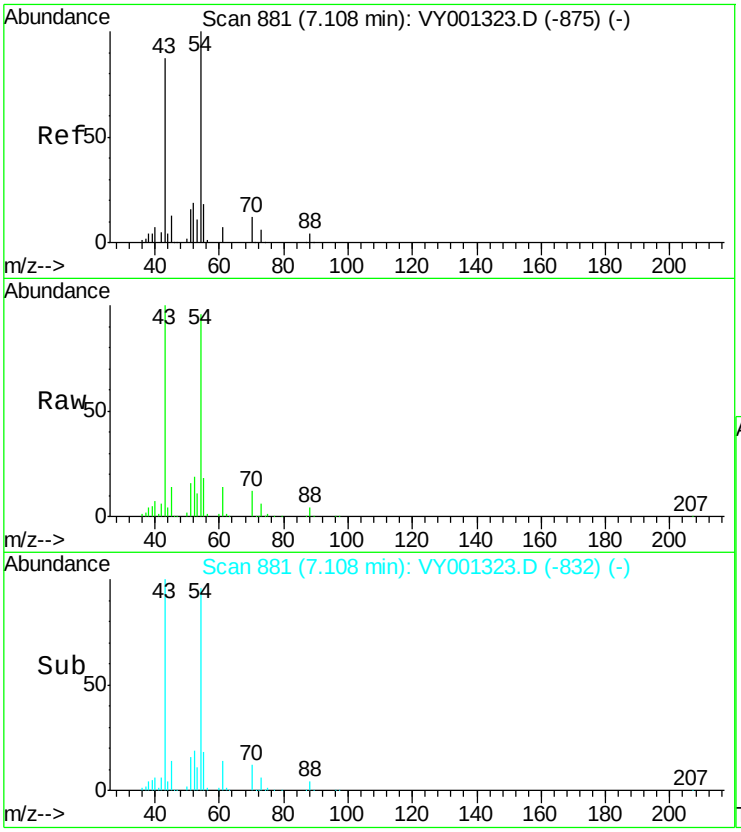




#36
1,1-Dichloropropene
Concen: 49.93 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 75 Resp: 154926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.2 | 17.6 | 52.8 |
| 77 | 30.9 | 24.7 | 37.1 |



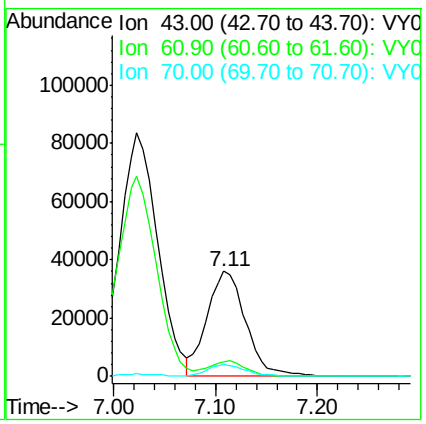


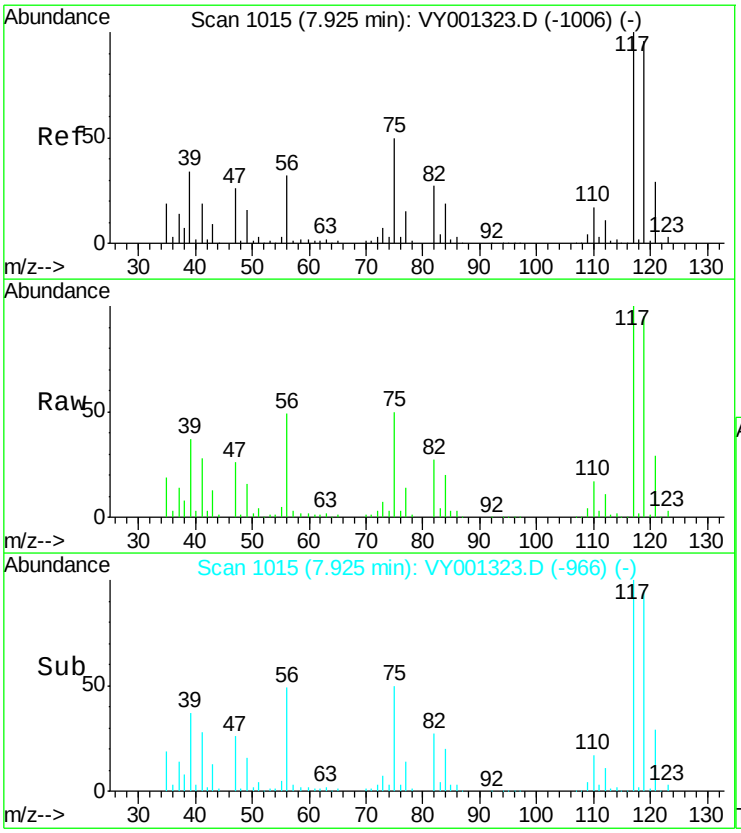

#37
Ethyl Acetate
Concen: 51.63 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion: 43 Resp: 95148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.1 | 11.3 | 16.9 |
| 70 | 10.9 | 8.7 | 13.1 |

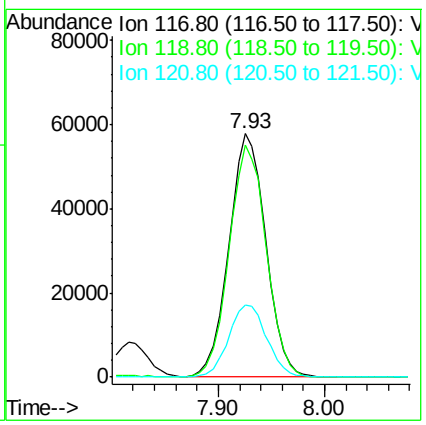


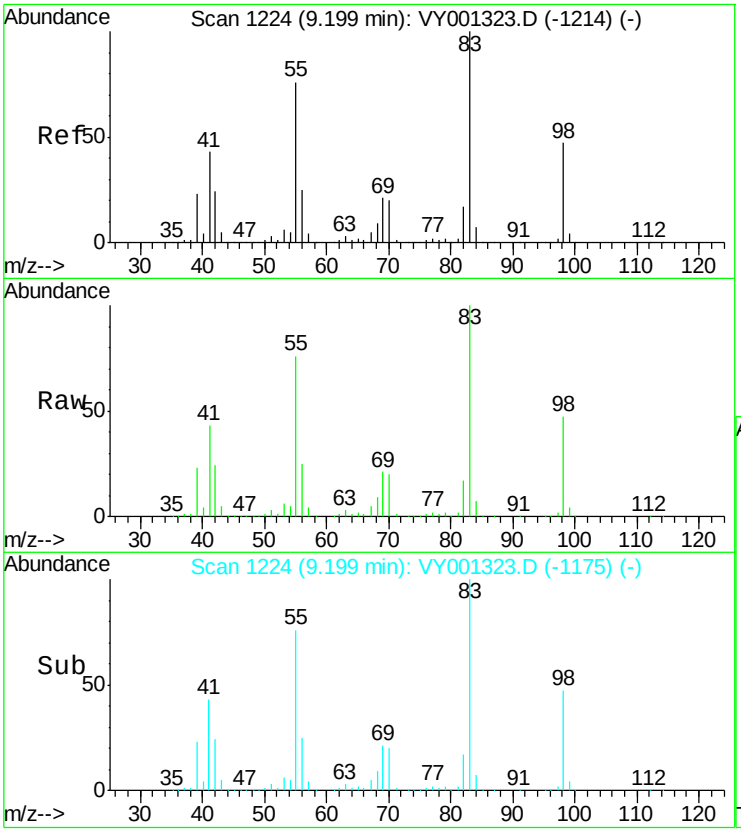




#38
Carbon Tetrachloride
Concen: 49.53 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:117 Resp: 140433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.4 | 76.3 | 114.5 |
| 121 | 29.4 | 23.5 | 35.3 |



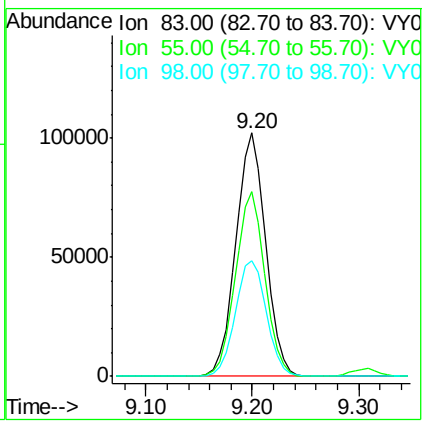


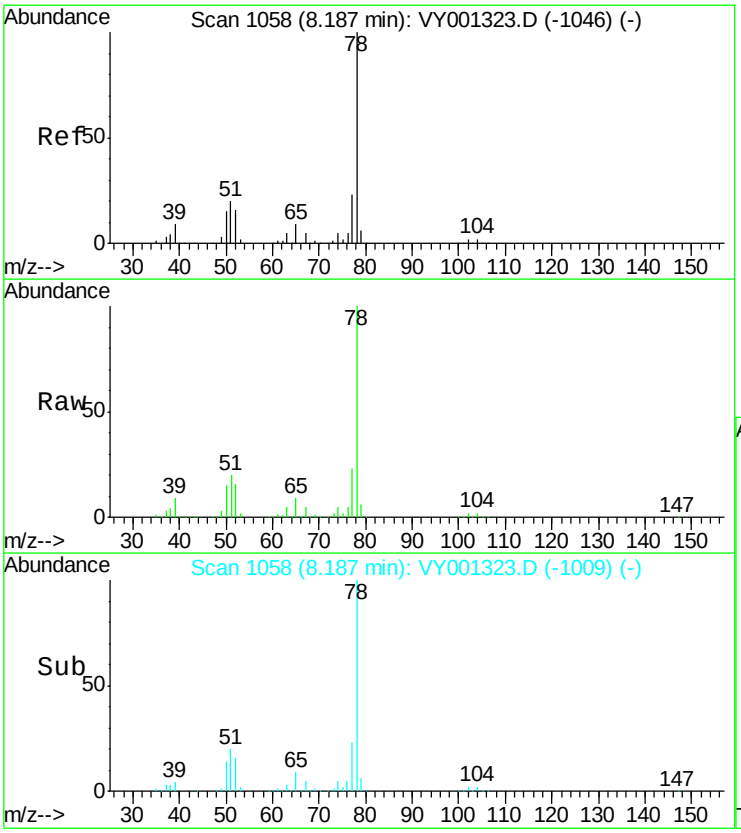

#39
Methylcyclohexane
Concen: 48.24 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 83 Resp: 201489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.9 | 60.7 | 91.1 |
| 98 | 47.3 | 37.8 | 56.8 |

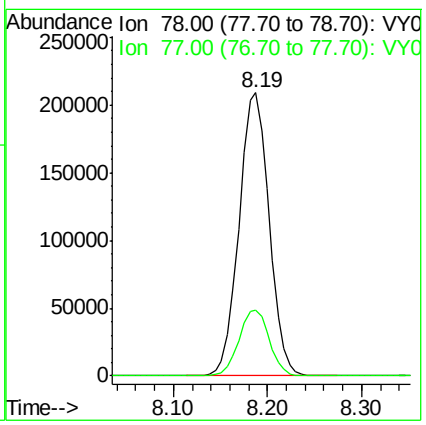


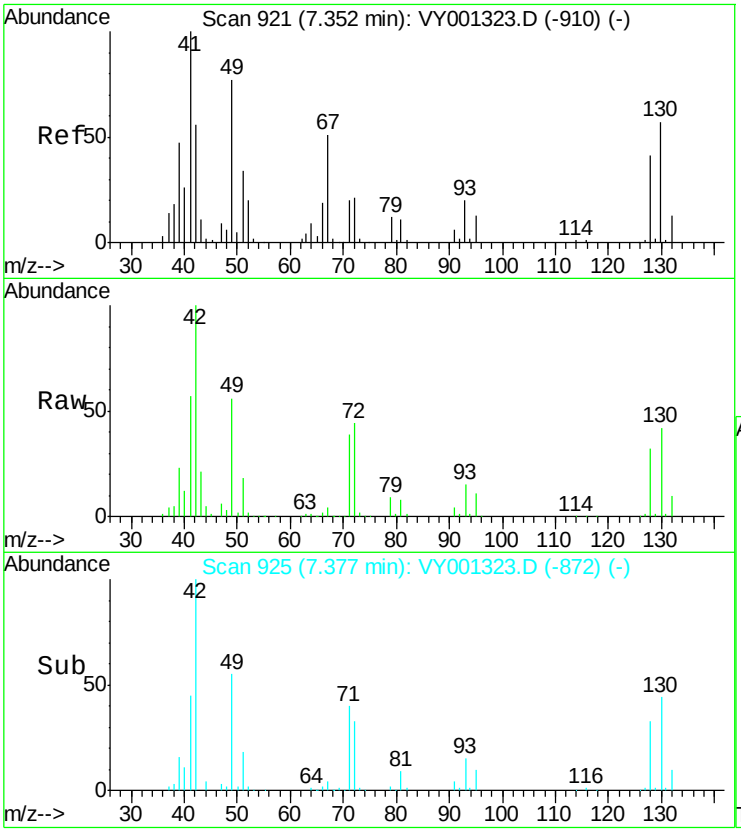




#40
Benzene
Concen: 51.30 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 78 Resp: 467285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.2 | 18.6 | 27.8 |



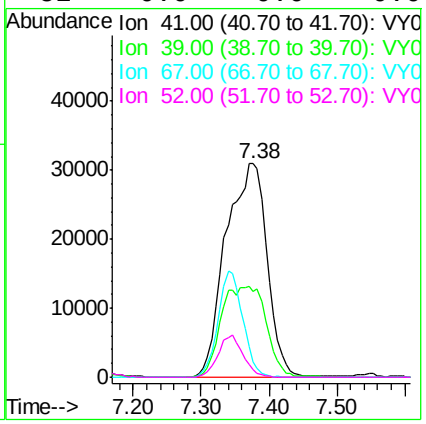


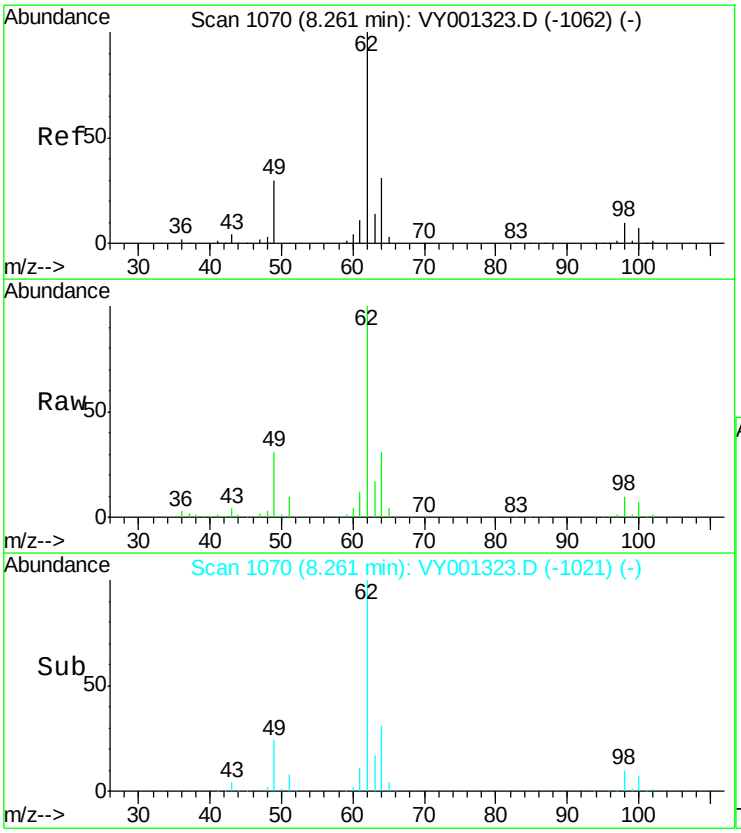

#41
Methacrylonitrile
Concen: 149.58 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 41 Resp: 129954

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

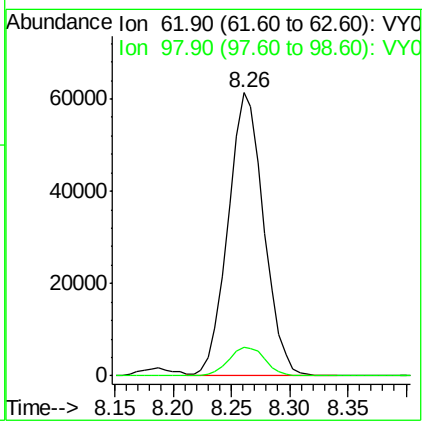


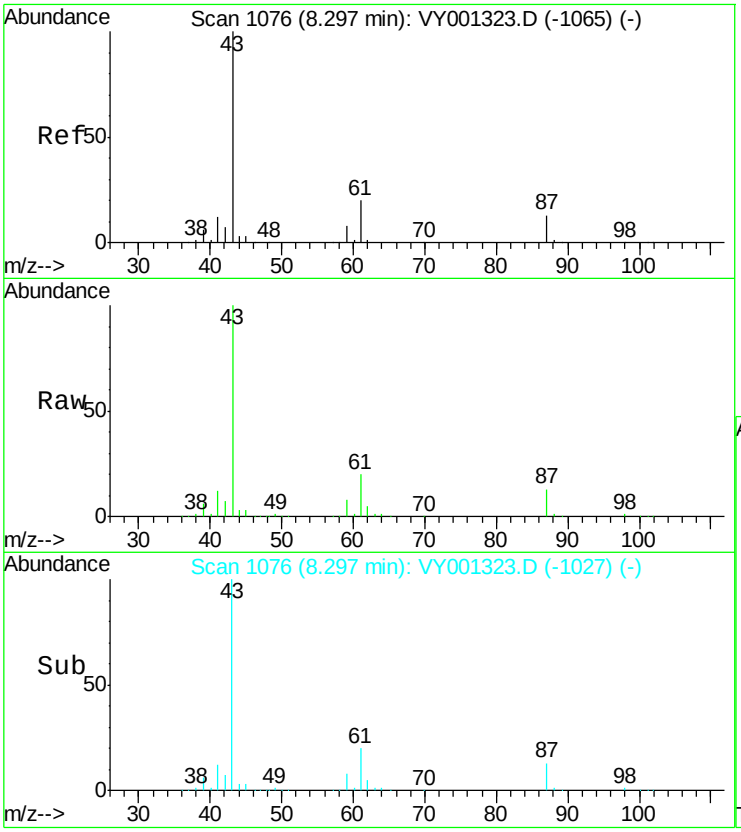




#42
1,2-Dichloroethane
Concen: 51.38 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 62 Resp: 130980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.4 | 0.0 | 20.8 |



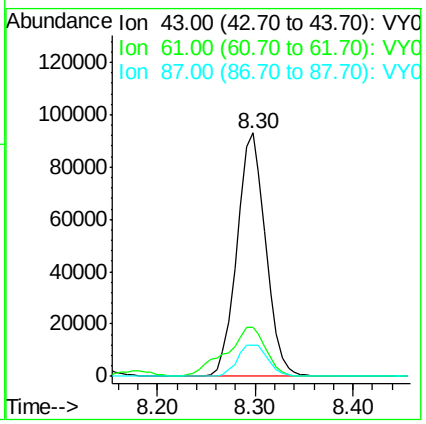


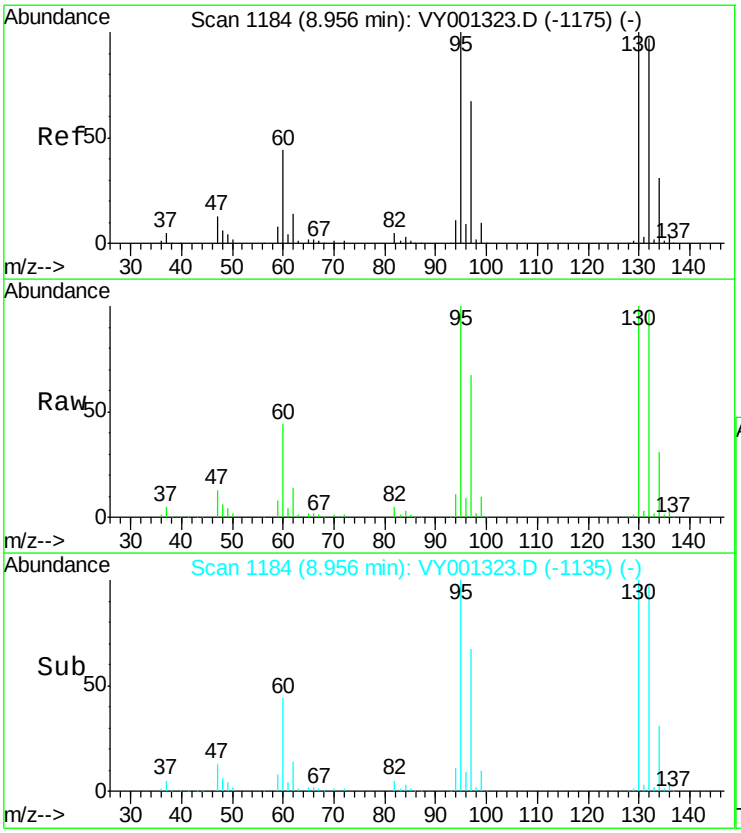

#43
Isopropyl Acetate
Concen: 53.45 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 188993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.4 | 22.7 | 34.1 |
| 87 | 13.7 | 11.0 | 16.4 |

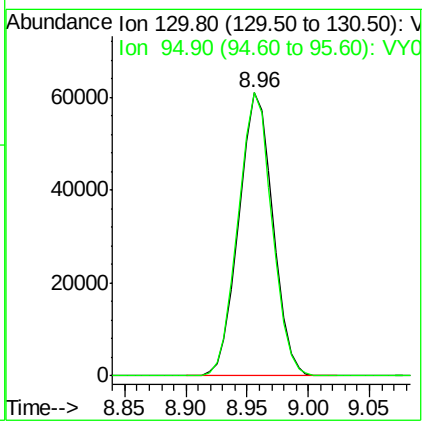


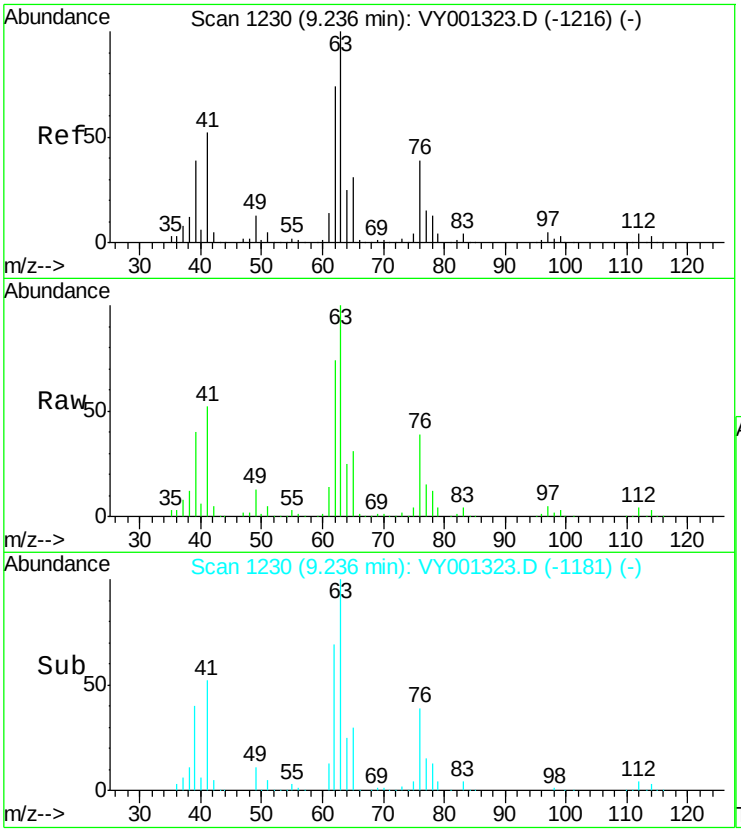




#44
Trichloroethene
Concen: 50.23 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:130 Resp: 118340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.0 | 0.0 | 200.0 |



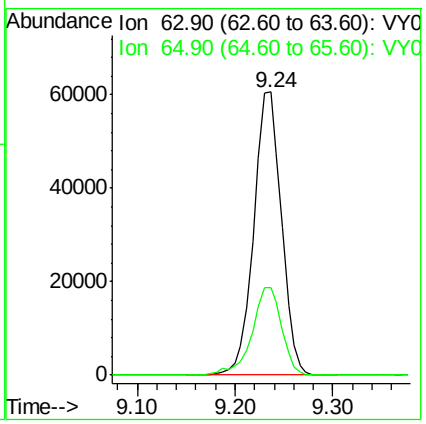


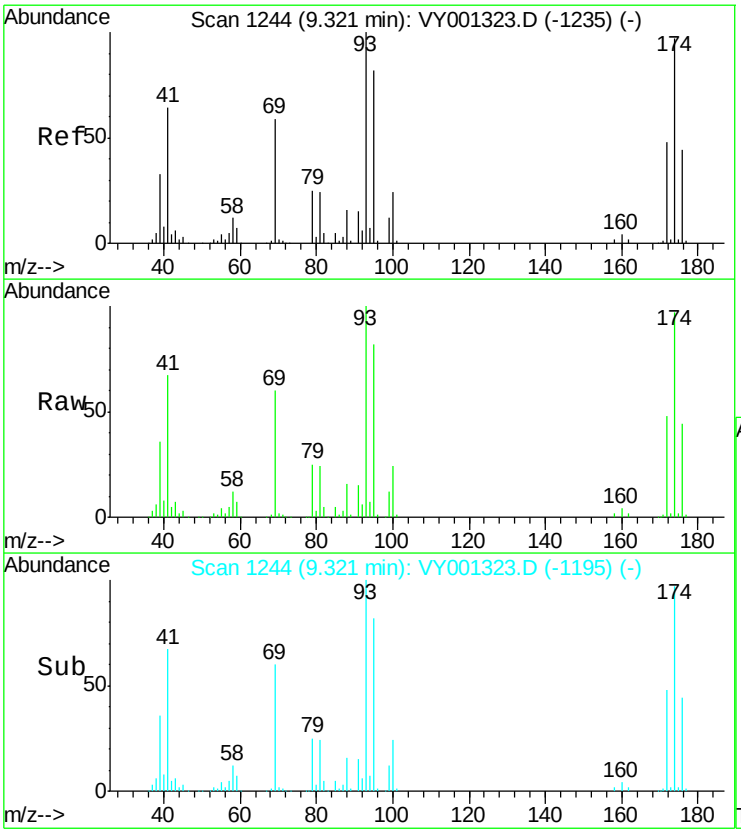

#45
1,2-Dichloropropane
Concen: 52.51 ug/l
RT: 9.24 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 63 Resp: 118948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 24.9 | 37.3 |

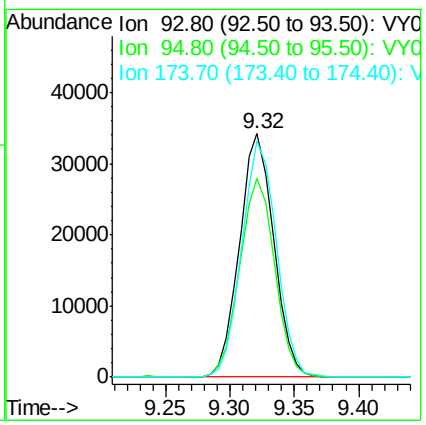


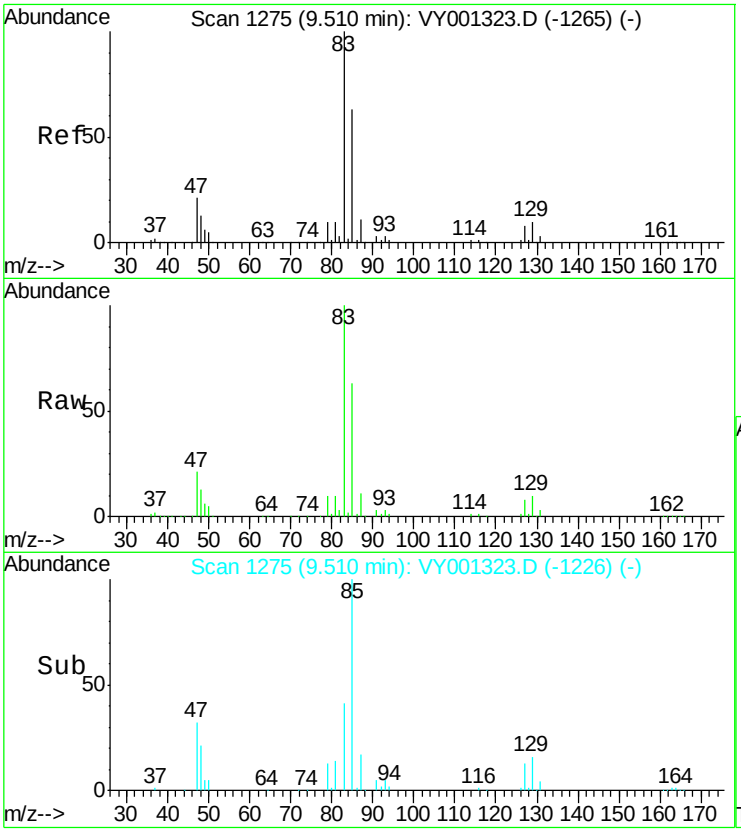




#46
Dibromomethane
Concen: 51.47 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 93 Resp: 63211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 66.5 | 99.7 |
| 174 | 97.4 | 77.9 | 116.9 |



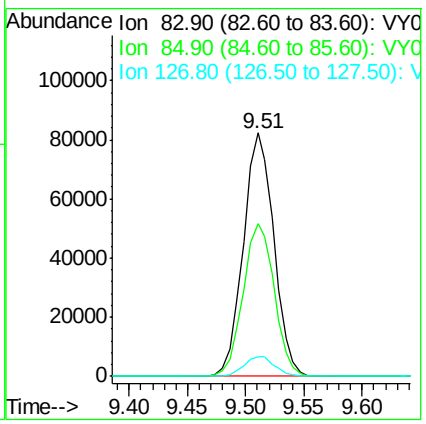


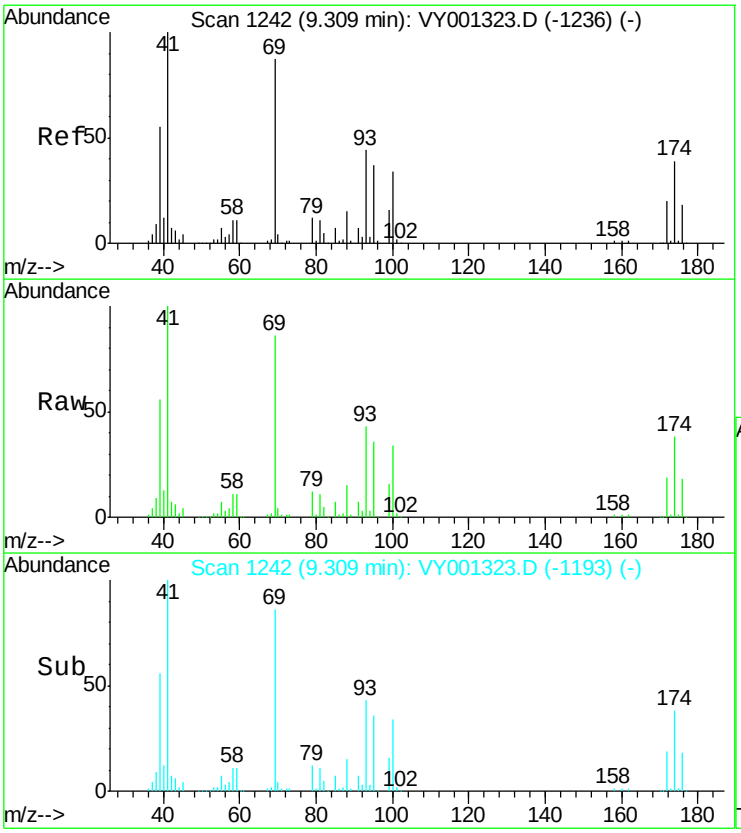

#47
Bromodichloromethane
Concen: 50.57 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 83 Resp: 150990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.7 | 50.2 | 75.2 |
| 127 | 8.0 | 6.4 | 9.6 |

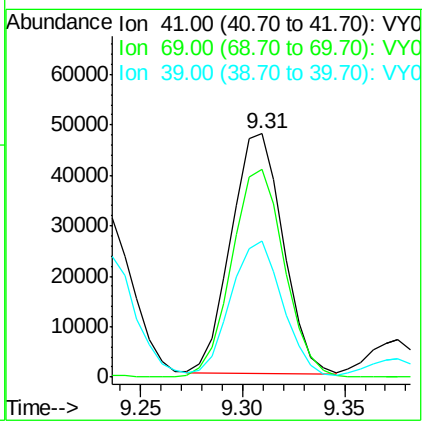


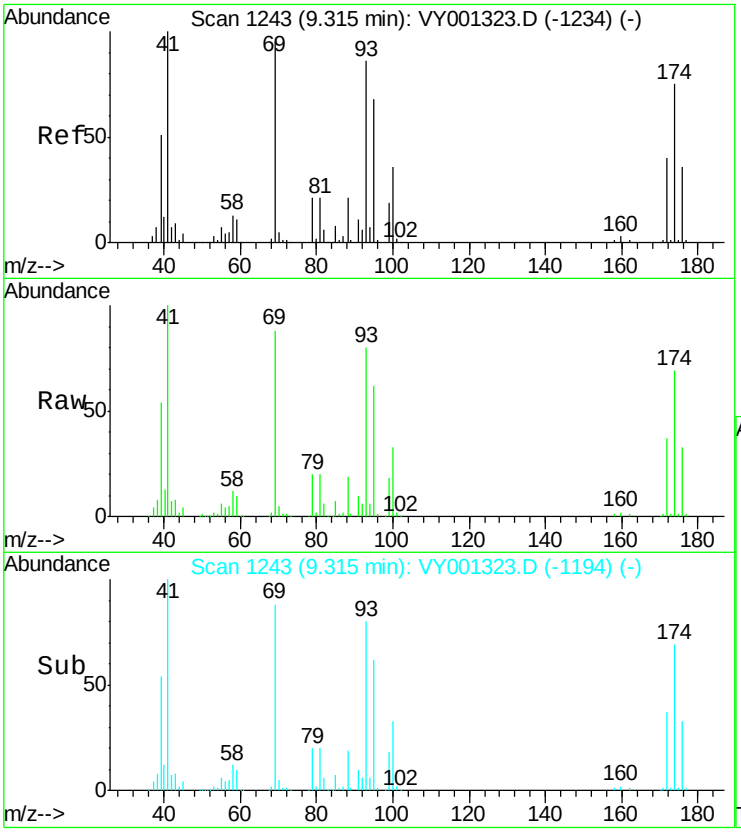




#48
Methyl methacrylate
Concen: 51.96 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 41 Resp: 84452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 87.8 | 70.2 | 105.4 |
| 39 | 57.1 | 45.7 | 68.5 |



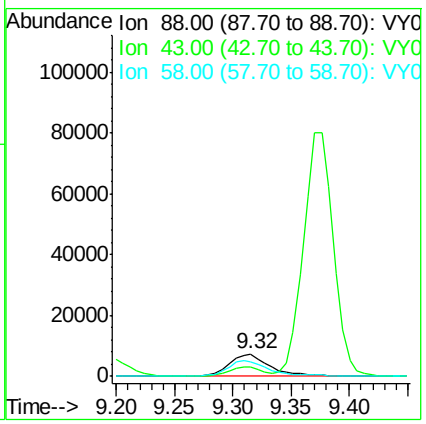


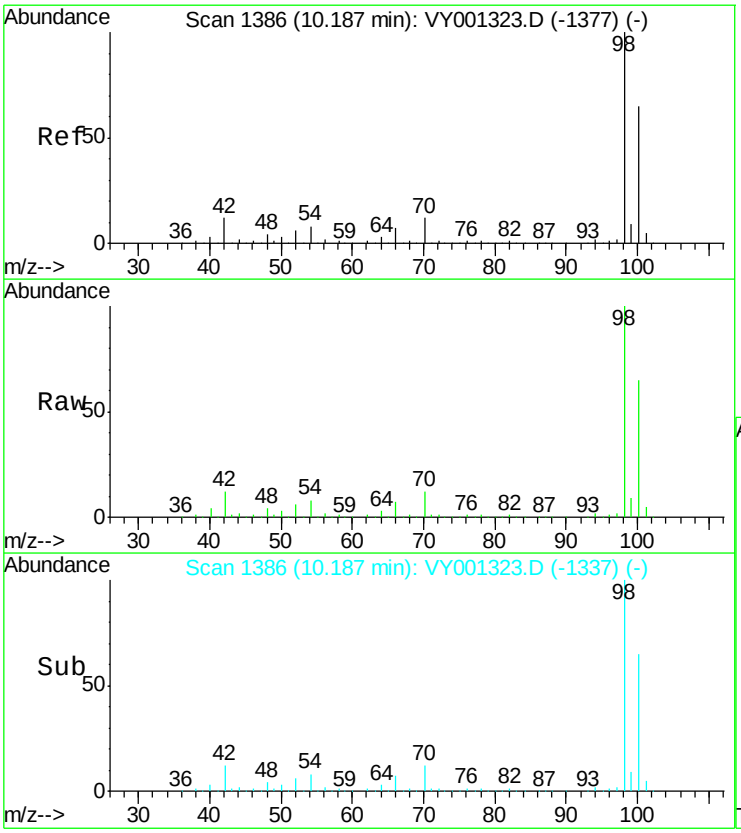

#49
1,4-Dioxane
Concen: 1160.85 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion: 88 Resp: 17607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.2 | 28.2 | 42.2 |
| 58 | 69.5 | 55.6 | 83.4 |

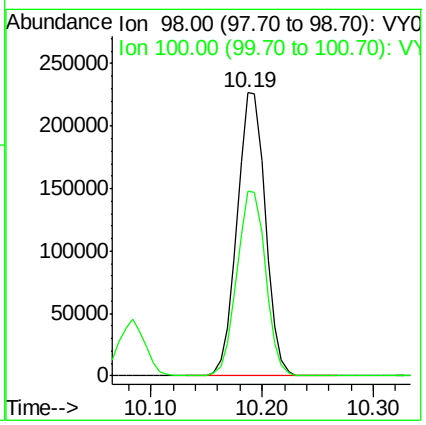


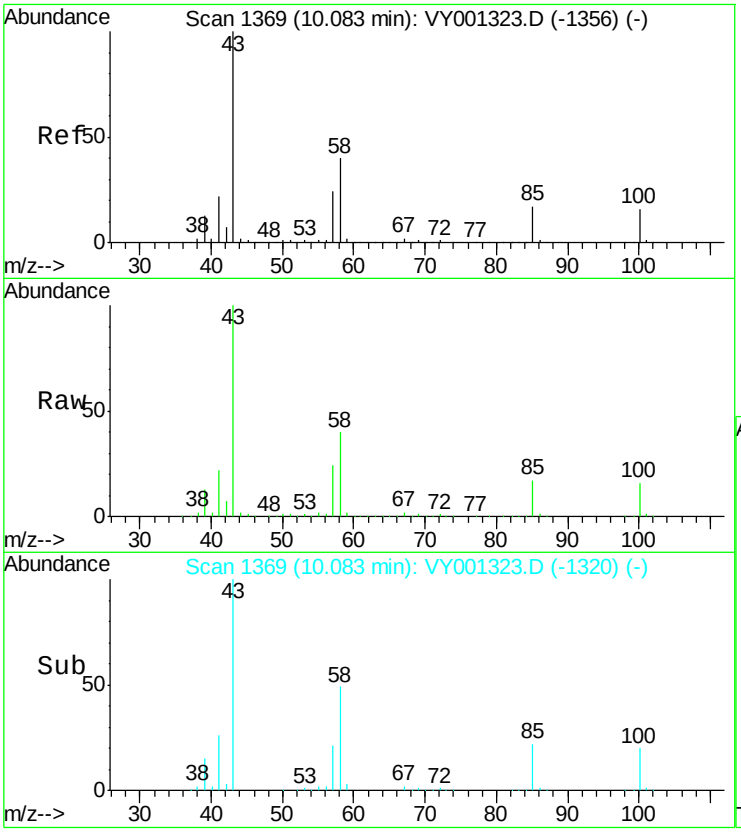




#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 98 Resp: 400147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.8 | 52.6 | 79.0 |



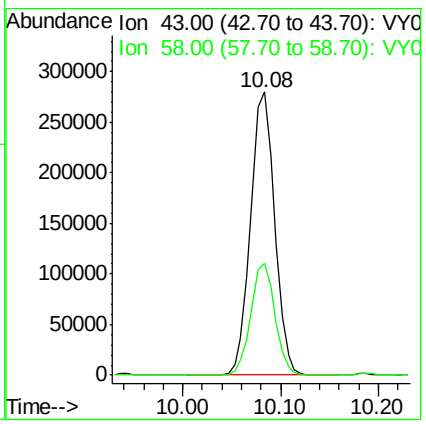


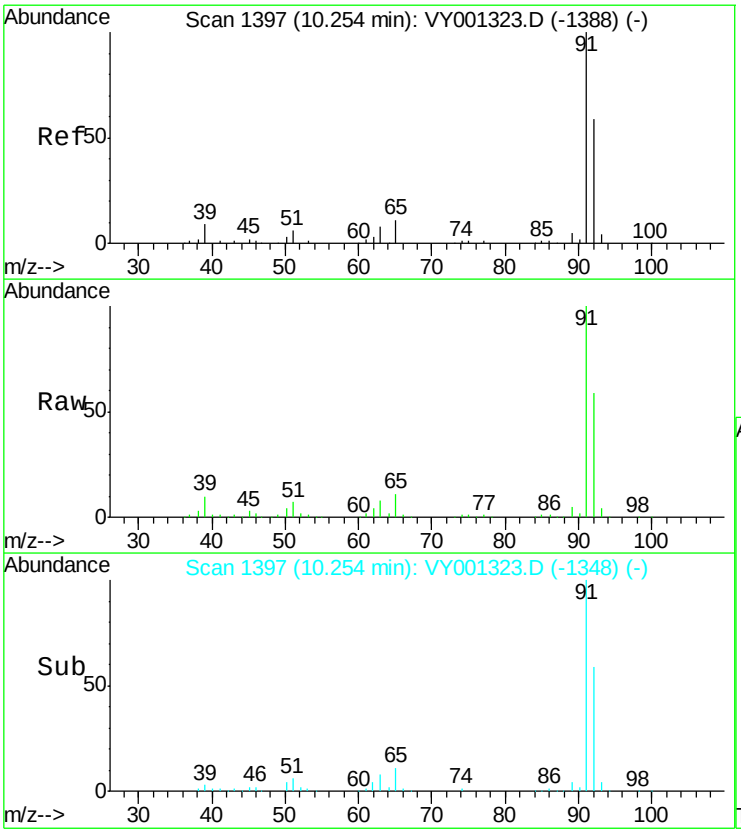

#51
4-Methyl-2-Pentanone
Concen: 267.31 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 43 Resp: 479831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.4 | 31.5 | 47.3 |

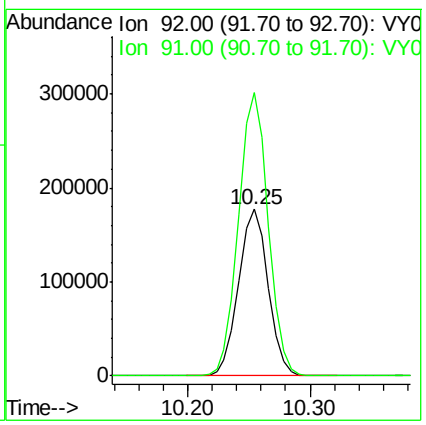


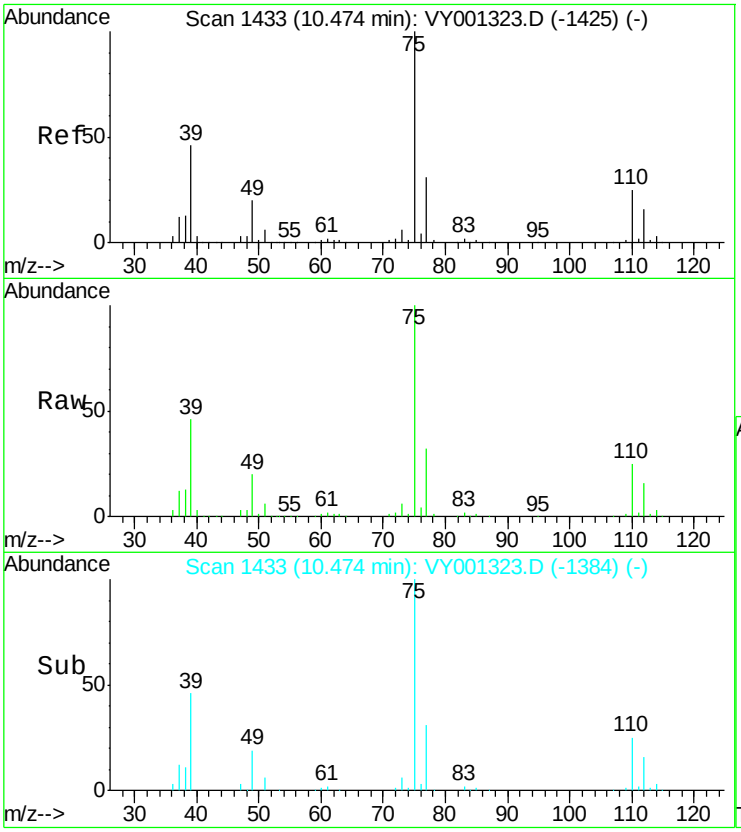




#52
Toluene
Concen: 51.14 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 92 Resp: 296297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.5 | 136.4 | 204.6 |



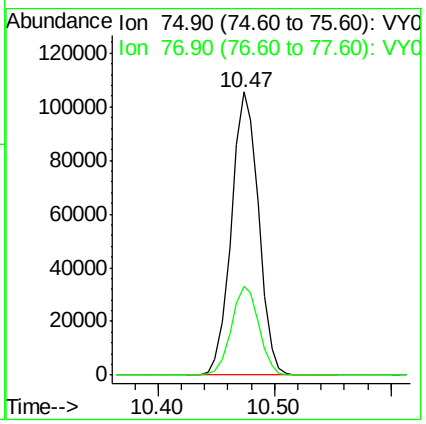


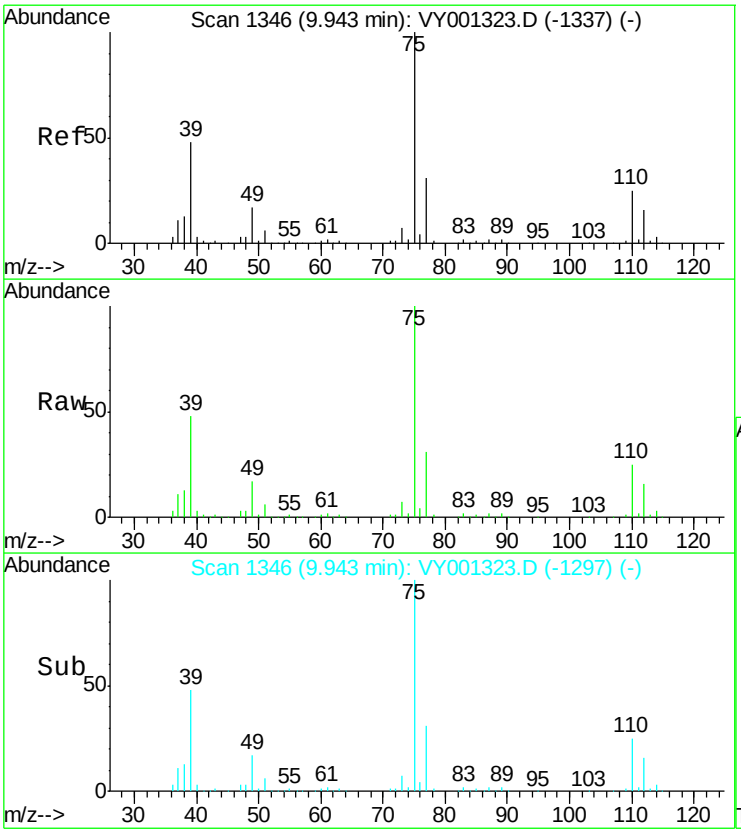

#53
t-1,3-Dichloropropene
Concen: 51.37 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 75 Resp: 171765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.2 | 37.8 |

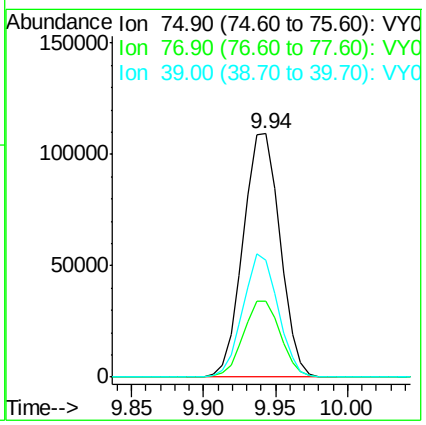


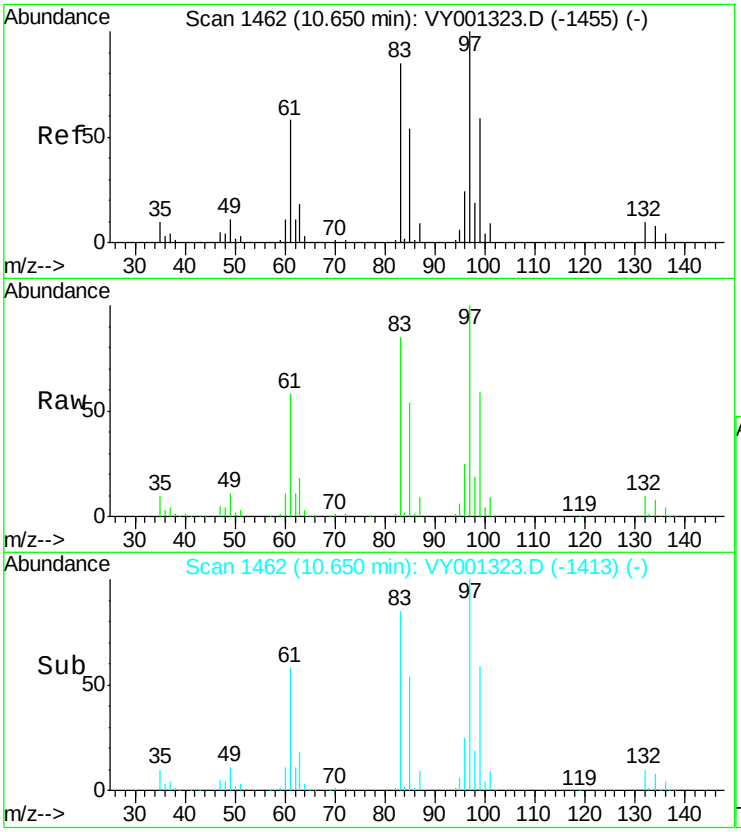




#54
cis-1,3-Dichloropropene
Concen: 51.43 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 75 Resp: 194088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 25.0 | 37.6 |
| 39 | 47.8 | 38.2 | 57.4 |



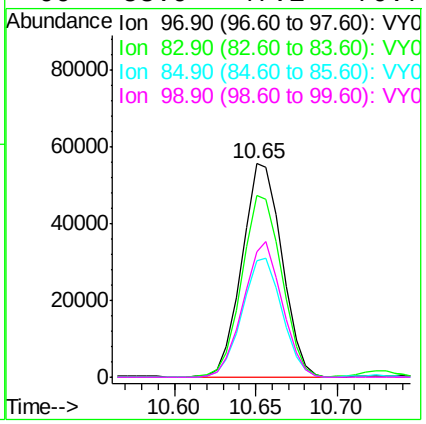


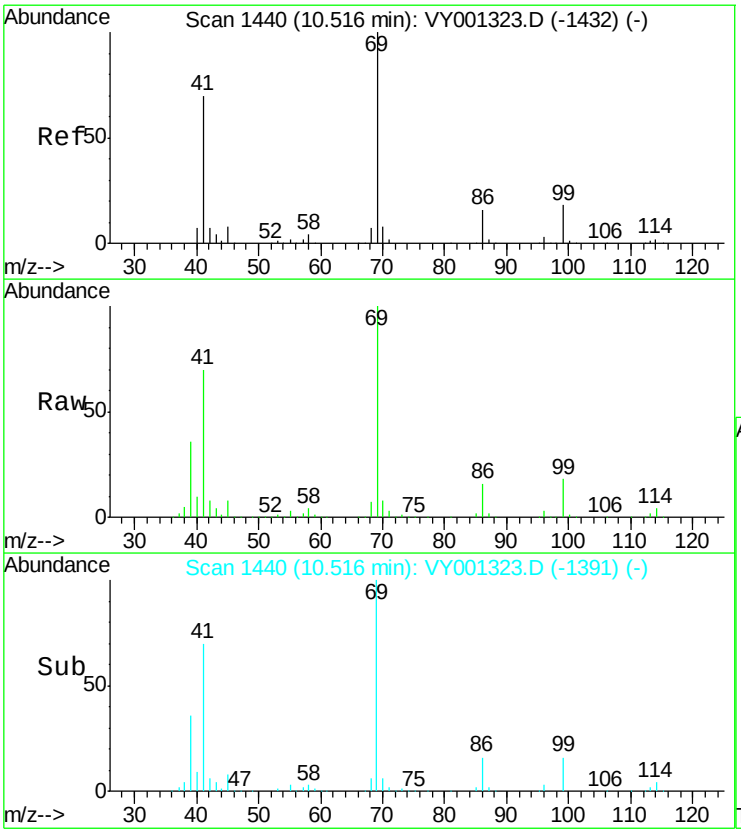

#55
1,1,2-Trichloroethane
Concen: 52.06 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 97 Resp: 95092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.0 | 68.0 | 102.0 |
| 85 | 54.5 | 43.6 | 65.4 |
| 99 | 58.9 | 47.1 | 70.7 |

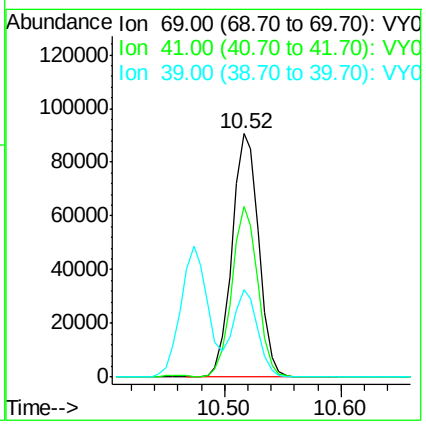


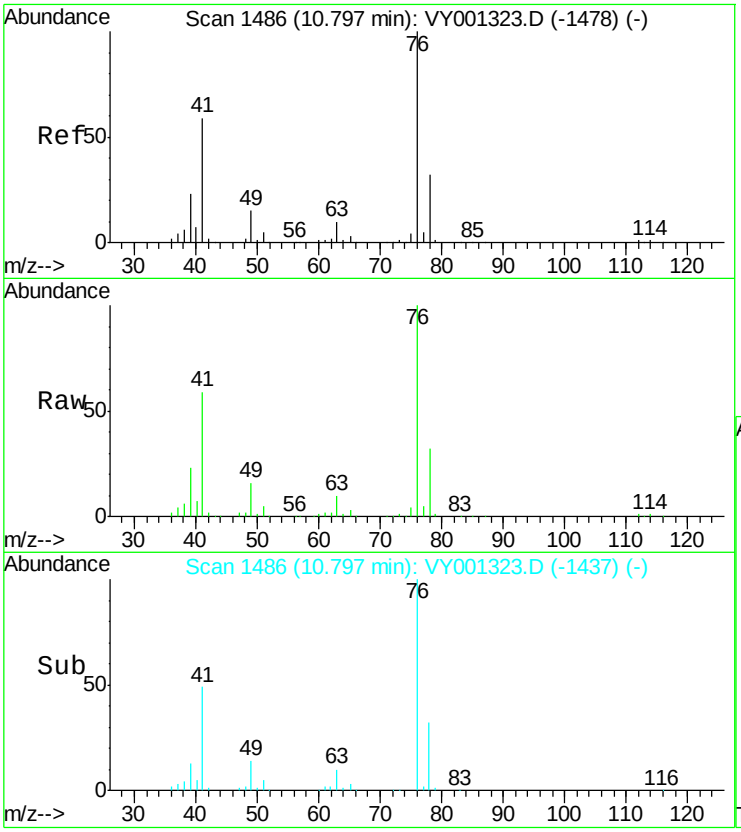




#56
Ethyl methacrylate
Concen: 51.63 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 69 Resp: 143867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.6 | 54.1 | 81.1 |
| 39 | 33.5 | 26.8 | 40.2 |



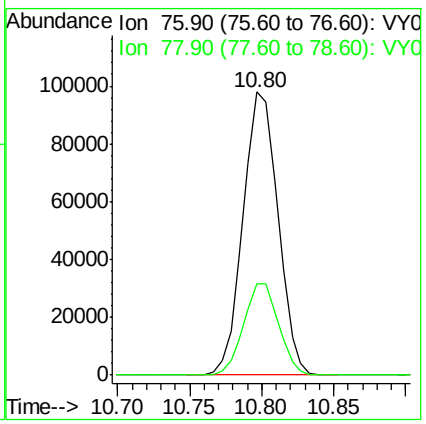


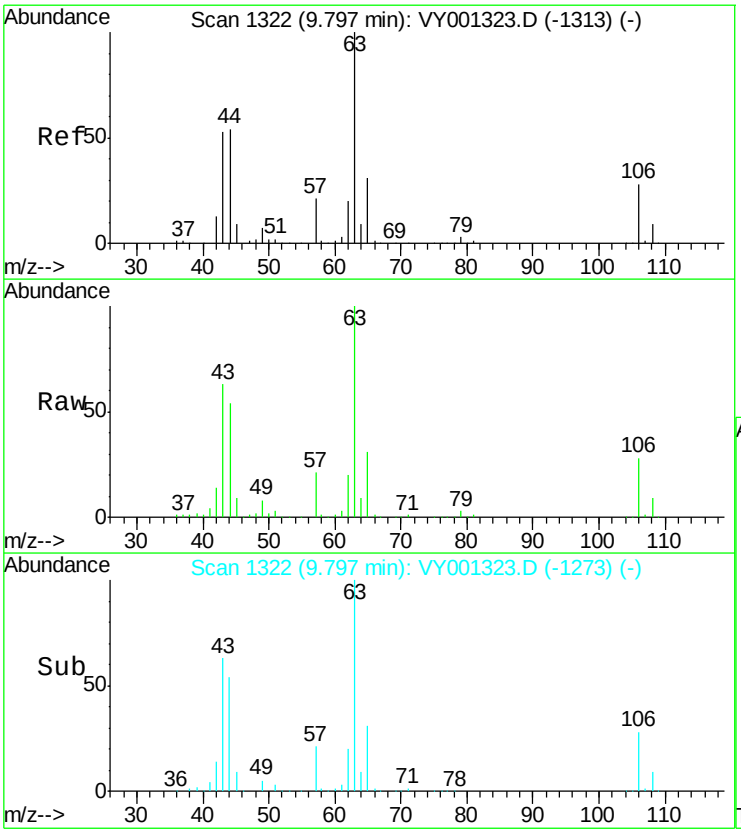

#57
1,3-Dichloropropane
Concen: 52.43 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 76 Resp: 164363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 25.8 | 38.8 |

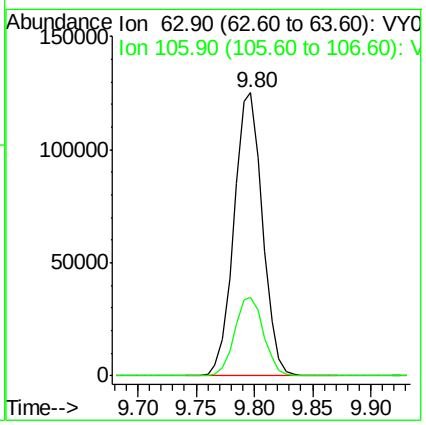


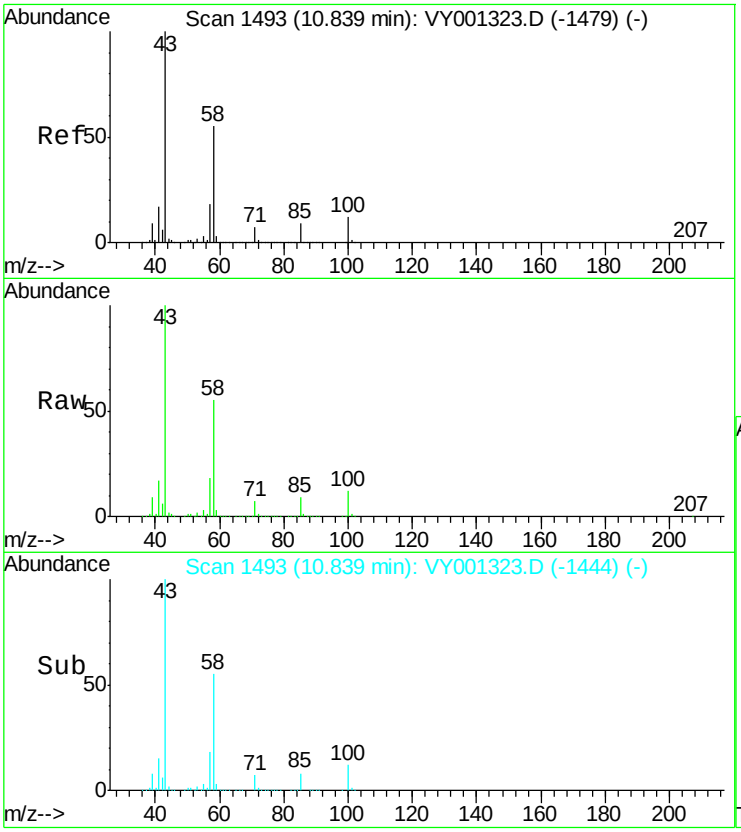




#58
2-Chloroethyl Vinyl ether
Concen: 219.88 ug/l
RT: 9.80 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 63 Resp: 212973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.1 | 22.5 | 33.7 |



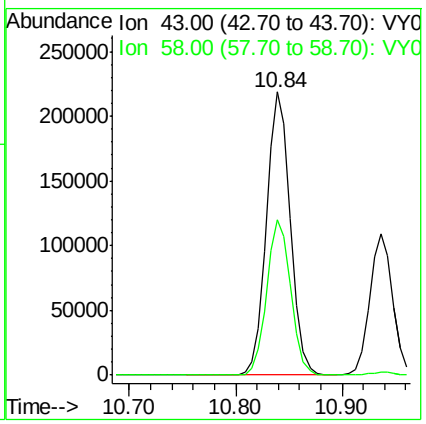


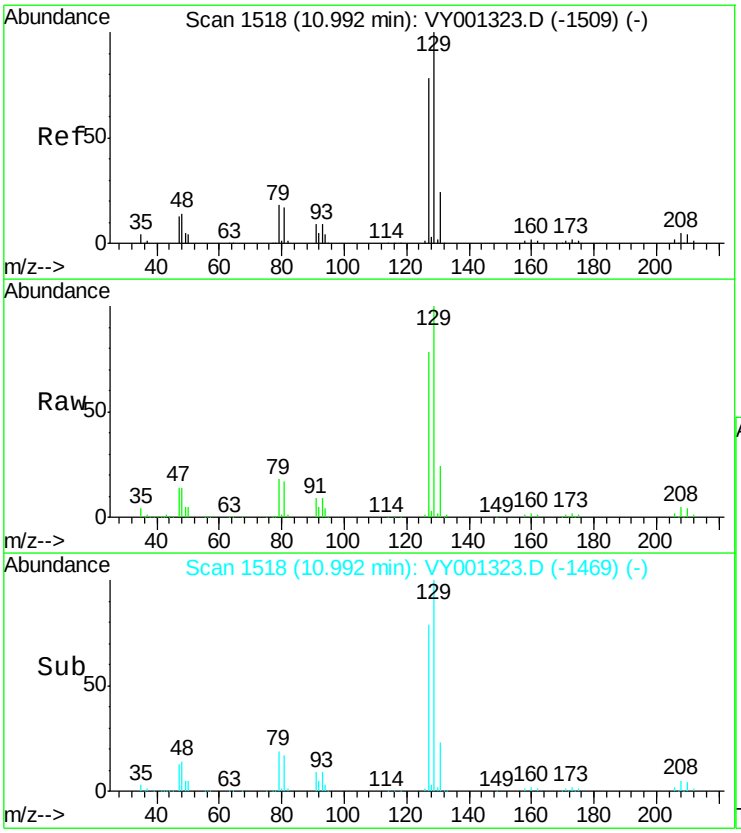

#59
2-Hexanone
Concen: 271.74 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion: 43 Resp: 342047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.2 | 27.6 | 82.8 |

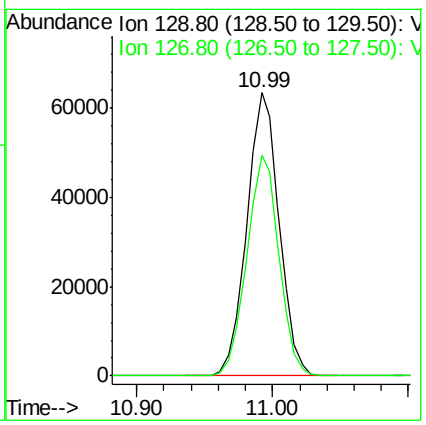


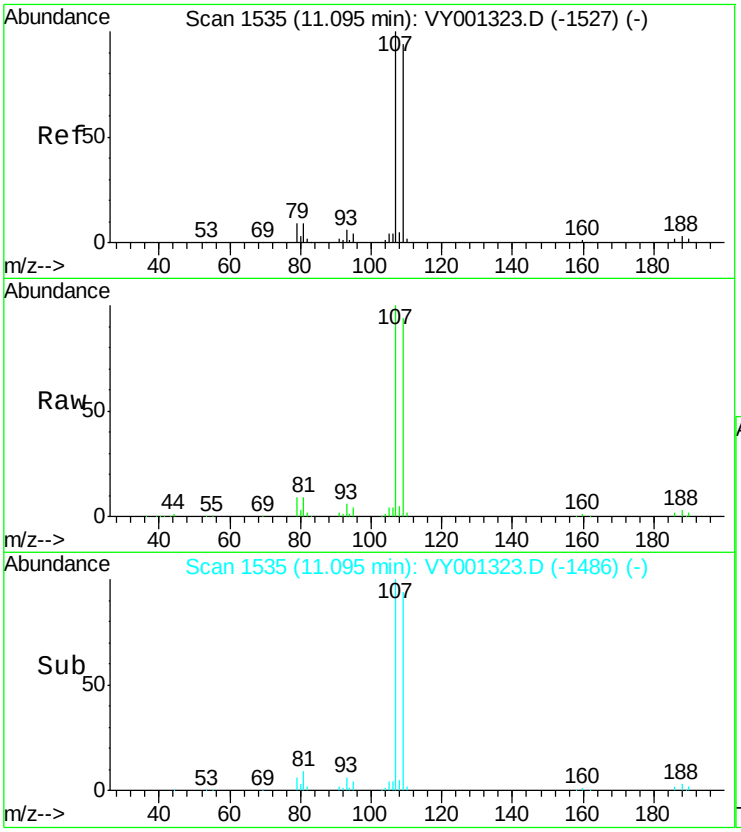




#60
Dibromochloromethane
Concen: 50.59 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:129 Resp: 105498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.6 | 38.8 | 116.4 |



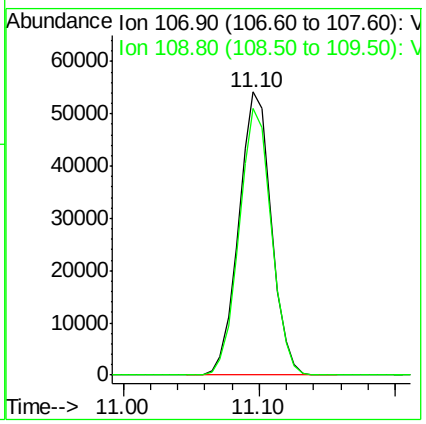


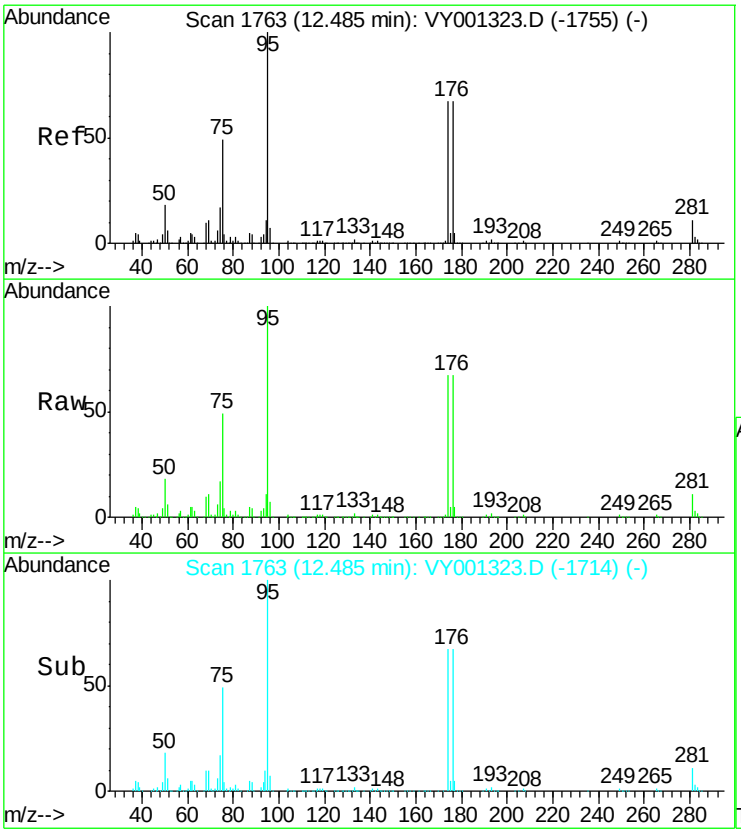

#61
1,2-Dibromoethane
Concen: 50.90 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:107 Resp: 90326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 75.0 | 112.6 |

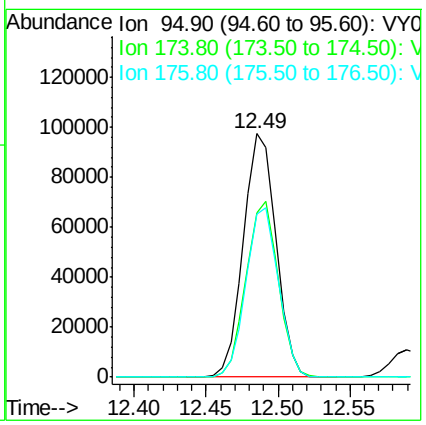


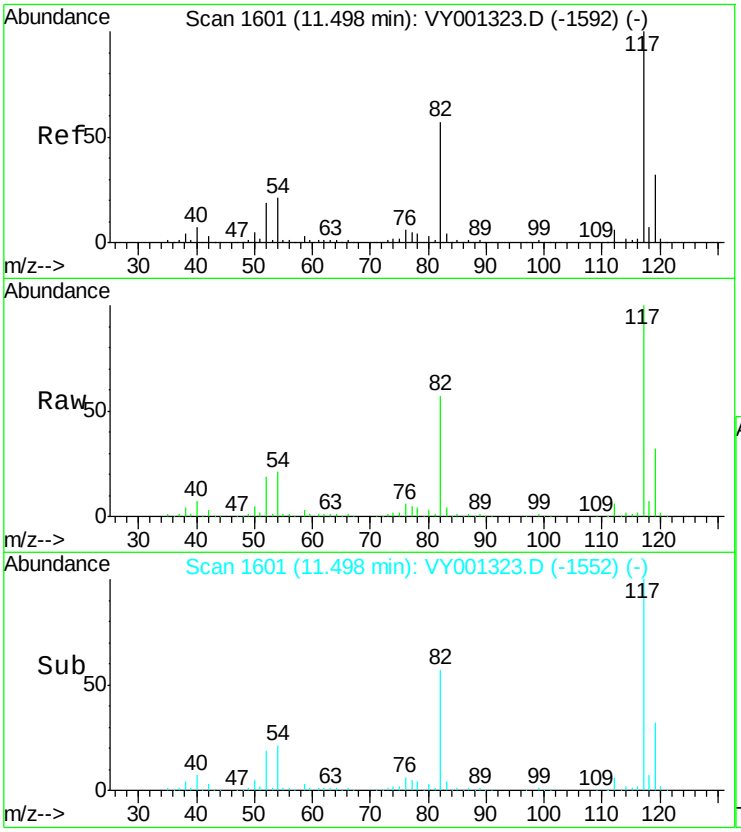




#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 95 Resp: 152576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.0 | 0.0 | 142.0 |
| 176 | 69.3 | 0.0 | 138.6 |



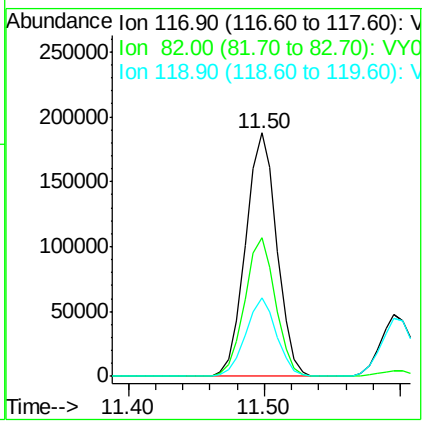


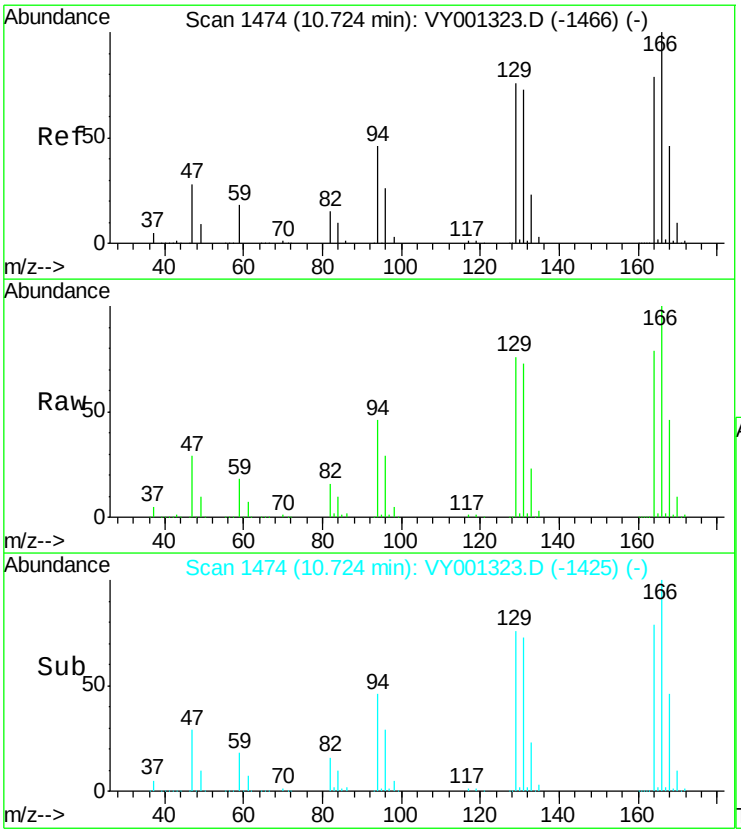

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:117 Resp: 301927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.9 | 45.5 | 68.3 |
| 119 | 32.2 | 25.8 | 38.6 |

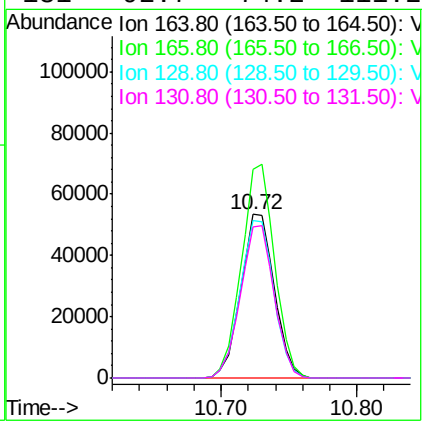


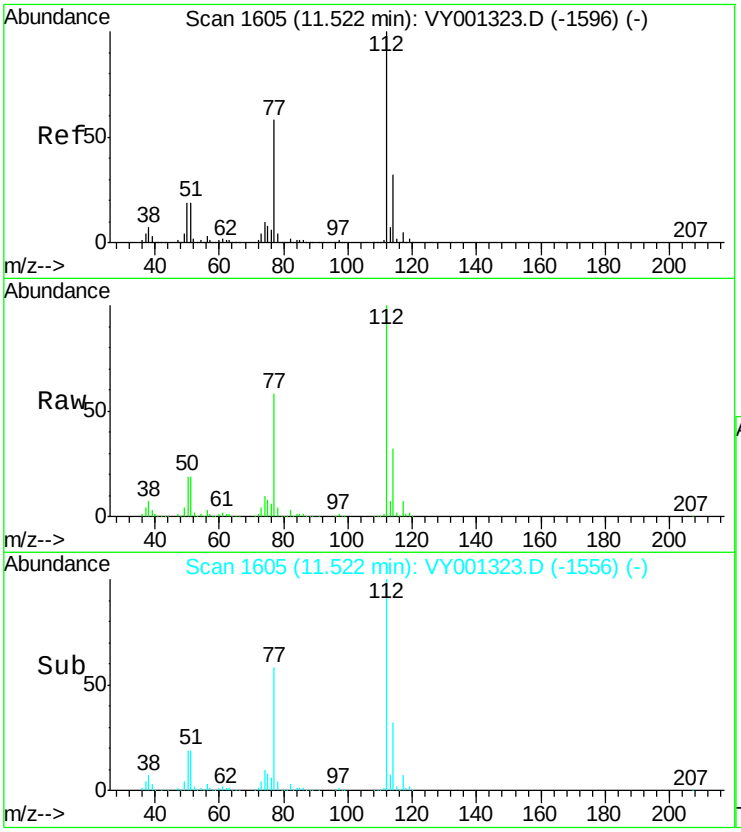




#64
Tetrachloroethene
Concen: 47.69 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:164 Resp: 92038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.3 | 101.8 | 152.8 |
| 129 | 96.4 | 77.1 | 115.7 |
| 131 | 92.7 | 74.2 | 111.2 |



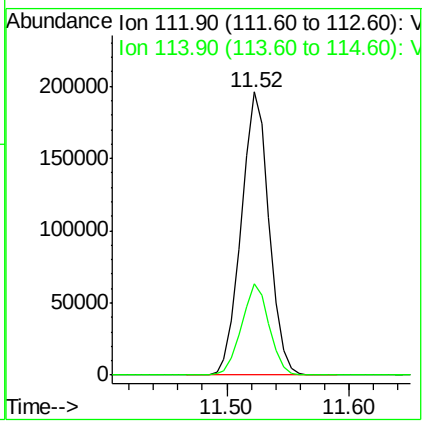


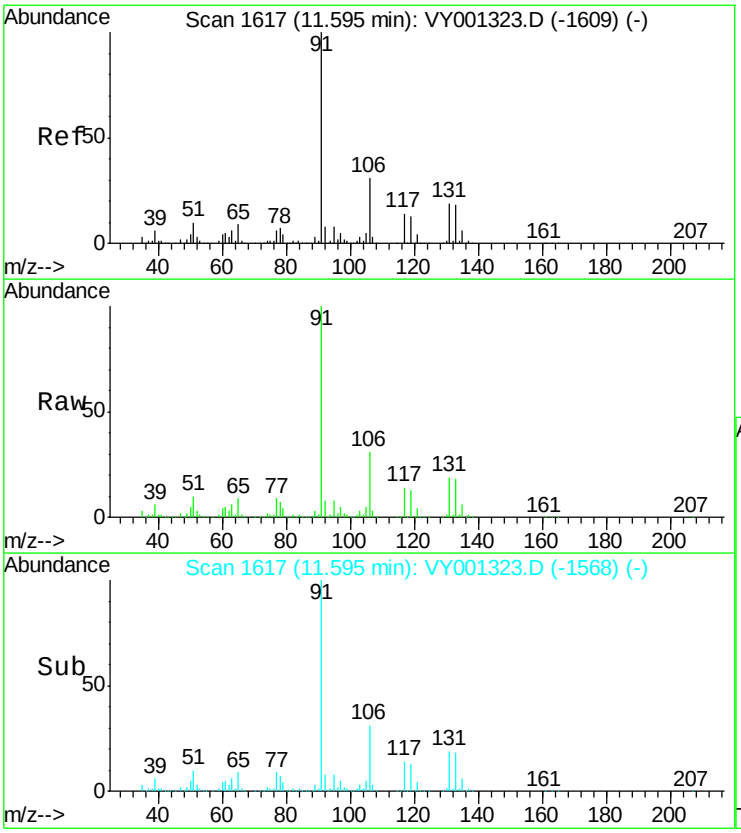

#65
Chlorobenzene
Concen: 50.79 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:112 Resp: 308097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.2 | 25.8 | 38.6 |

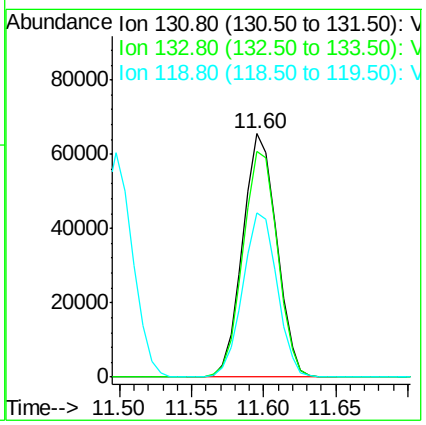


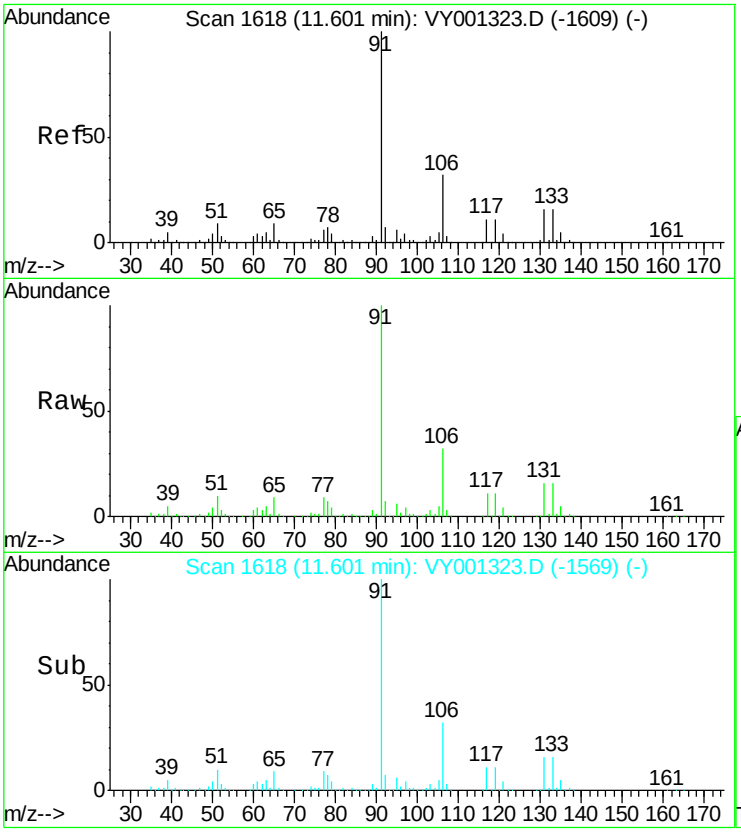




#66
1,1,1,2-Tetrachloroethane
Concen: 51.16 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:131 Resp: 106876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.2 | 47.1 | 141.3 |
| 119 | 68.1 | 34.1 | 102.2 |



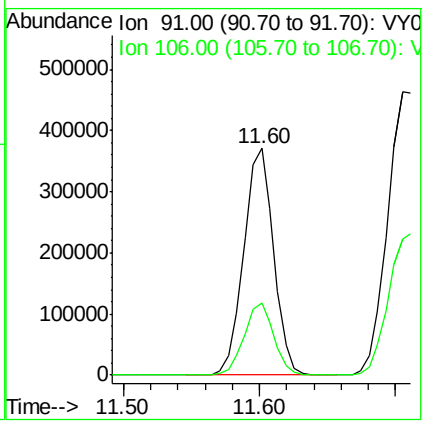


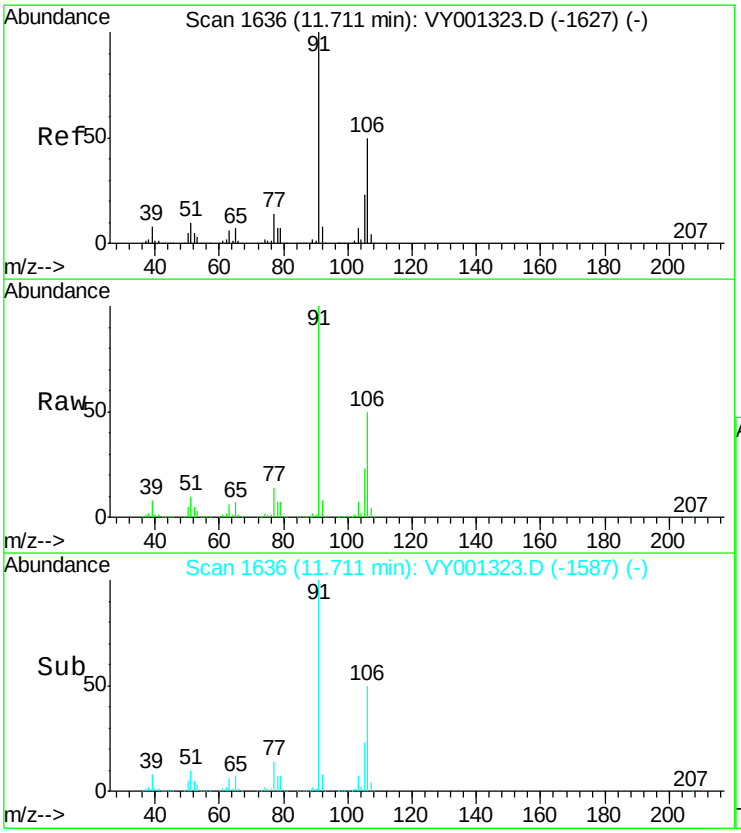

#67
Ethyl Benzene
Concen: 51.35 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion: 91 Resp: 570402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 25.4 | 38.0 |

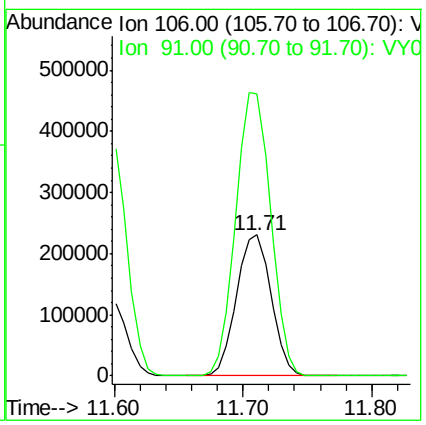


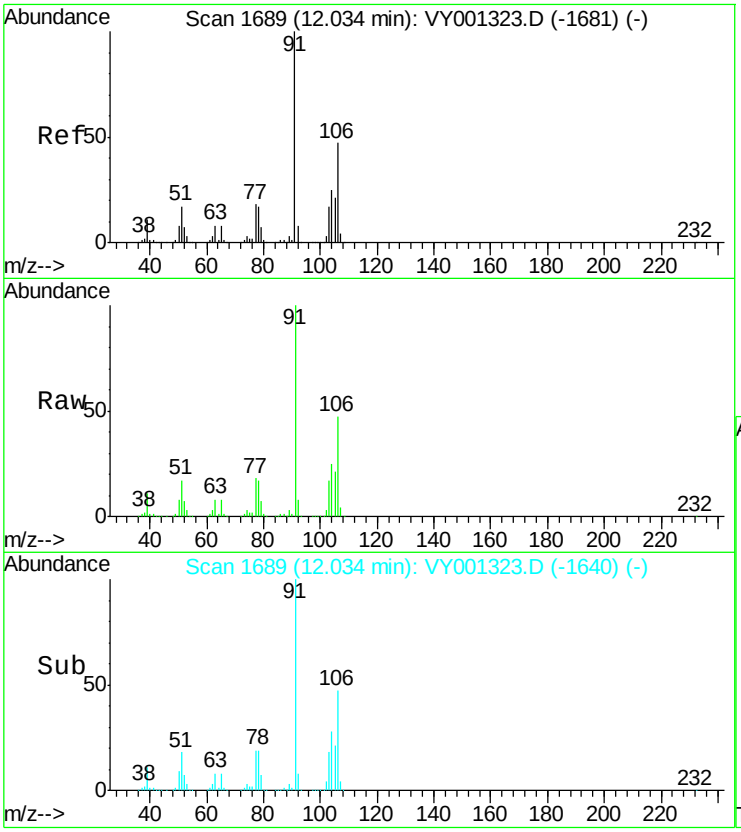




#68
m/p-Xylenes
Concen: 102.63 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:106 Resp: 428781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.5 | 162.8 | 244.2 |



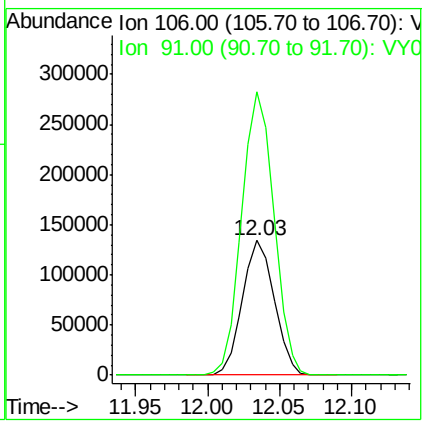


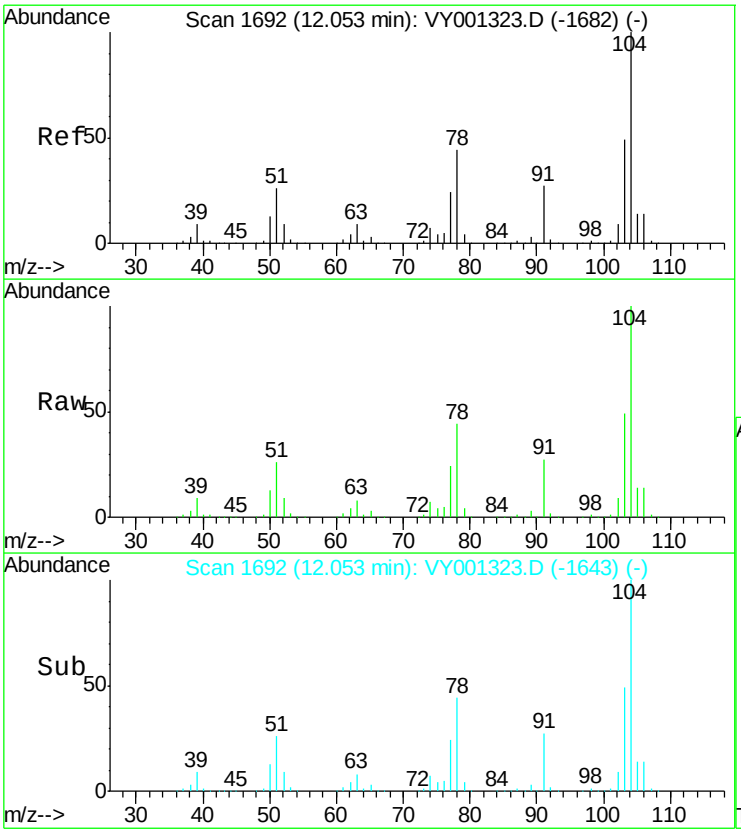

#69
o-Xylene
Concen: 51.26 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:106 Resp: 205939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.7 | 106.3 | 319.0 |

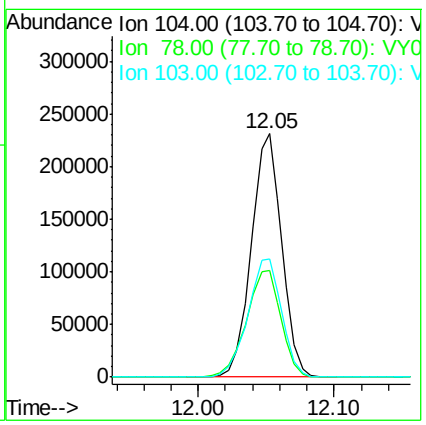


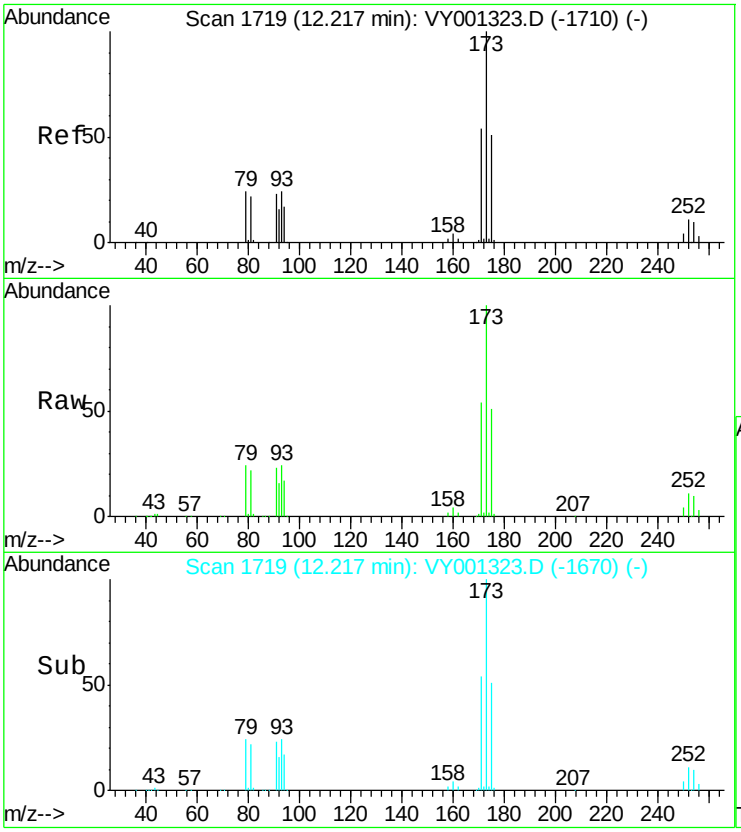




#70
Styrene
Concen: 51.41 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:104 Resp: 361991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.8 | 39.8 | 59.8 |
| 103 | 54.0 | 43.2 | 64.8 |



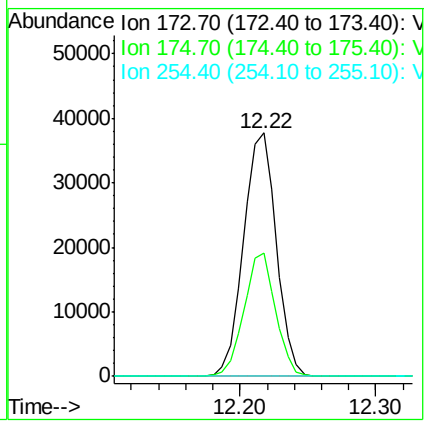


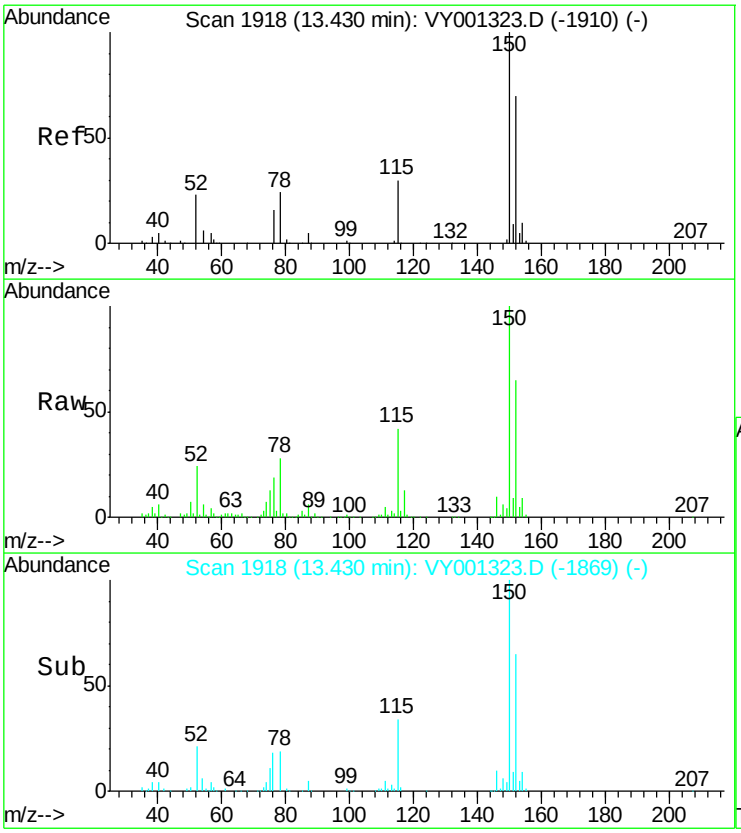

#71
Bromoform
Concen: 49.71 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:173 Resp: 63571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 24.3 | 72.9 |
| 254 | 0.0 | 0.0 | 0.0 |

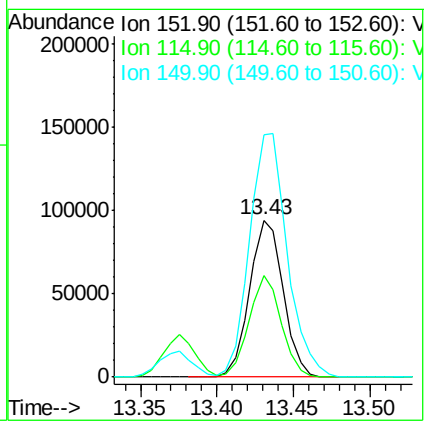


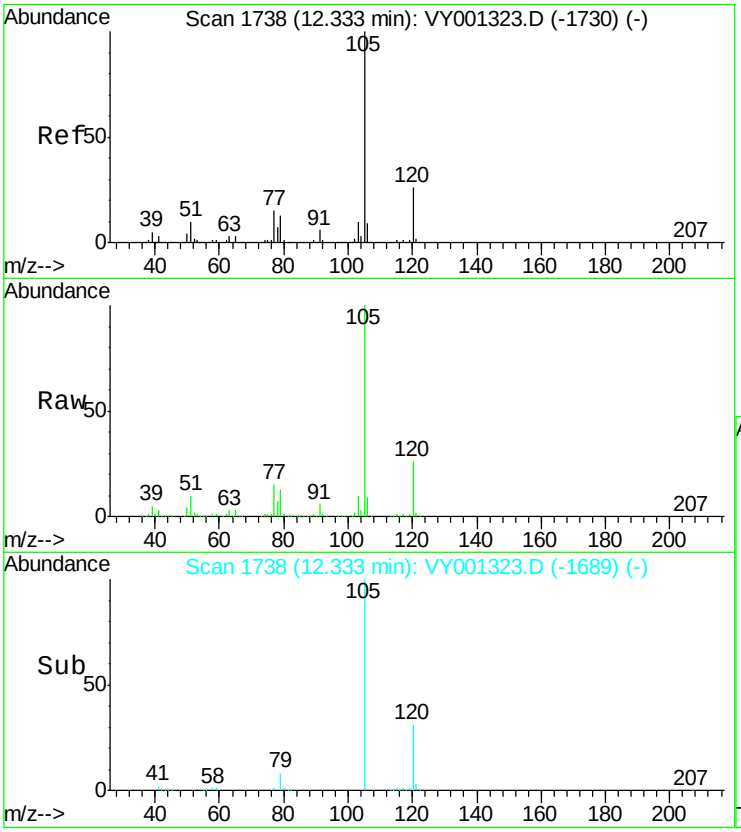




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:152 Resp: 143749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.9 | 30.9 | 92.8 |
| 150 | 174.6 | 0.0 | 349.2 |



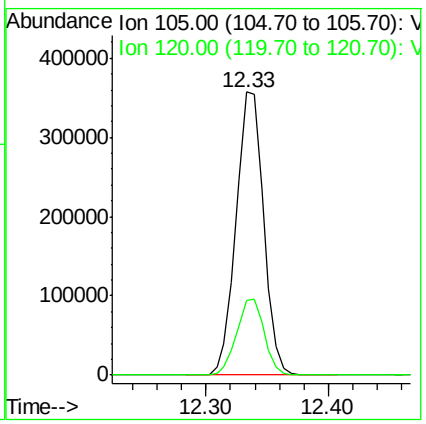


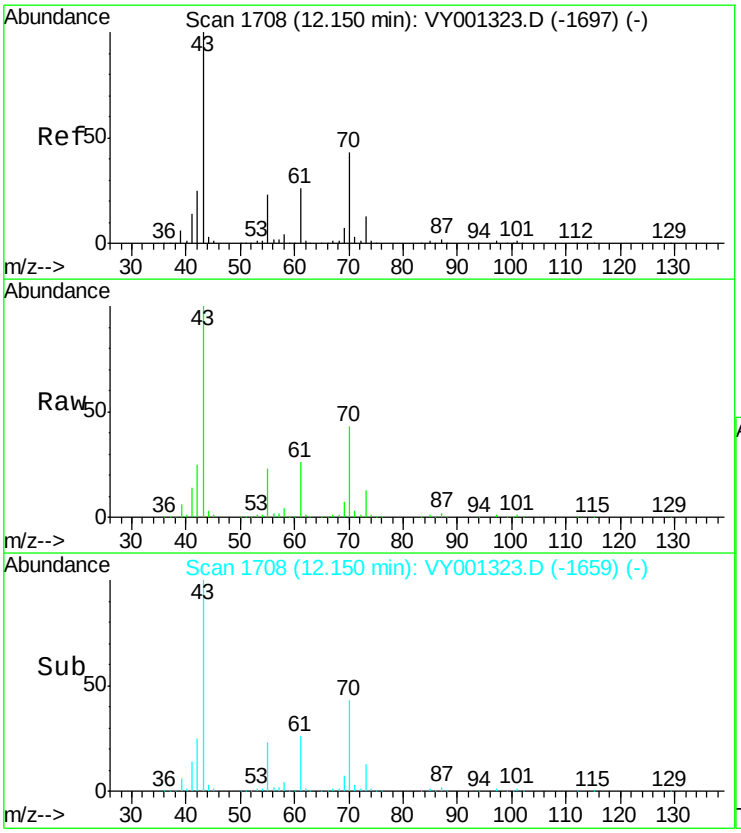

#73
Isopropylbenzene
Concen: 51.00 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion:105 Resp: 554627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.5 | 40.4 |

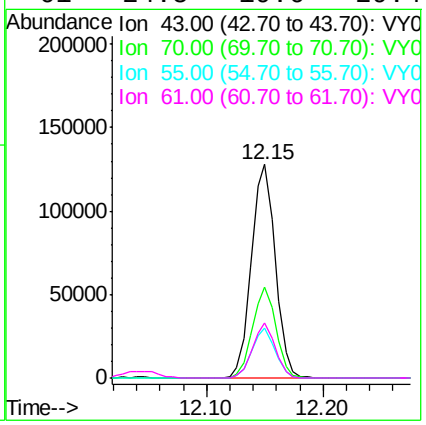


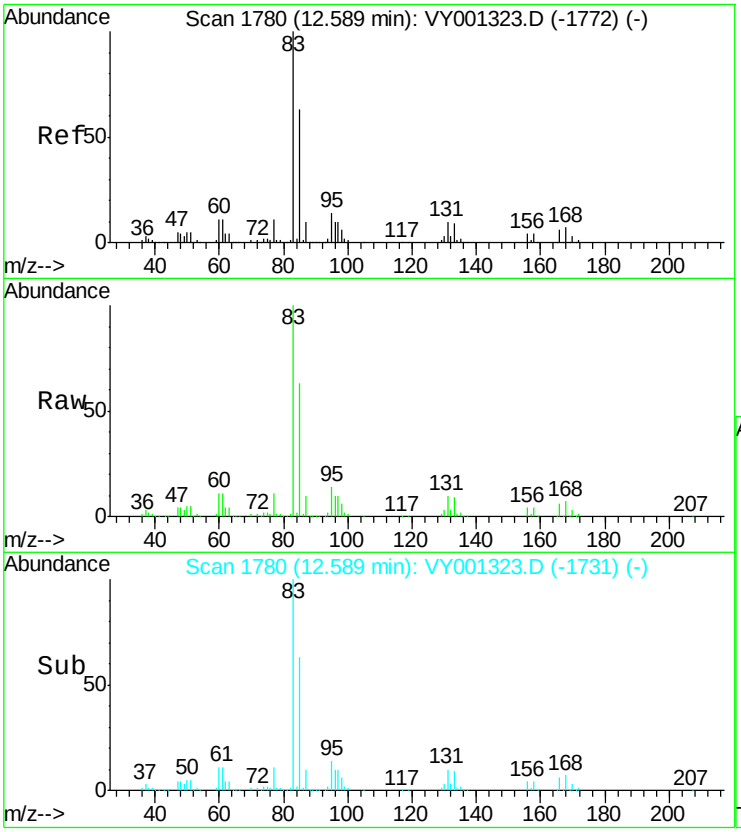




#74
N-amyl acetate
Concen: 53.73 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 43 Resp: 183986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 41.9 | 33.5 | 50.3 |
| 55 | 22.7 | 18.2 | 27.2 |
| 61 | 24.5 | 19.6 | 29.4 |



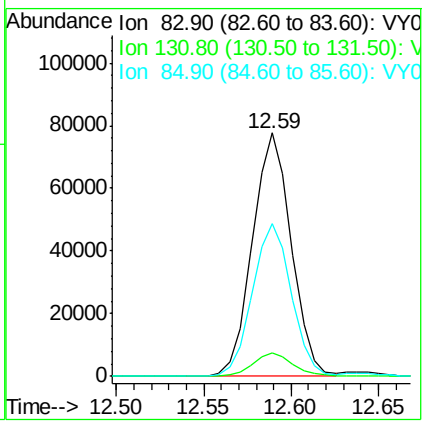


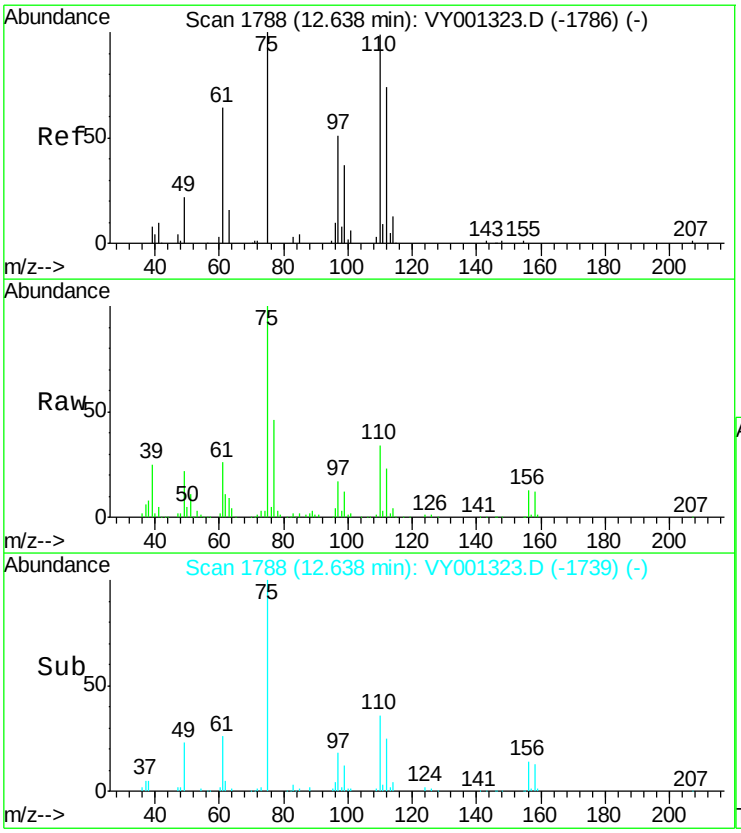

#75
1,1,2,2-Tetrachloroethane
Concen: 52.34 ug/l
RT: 12.59 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion: 83 Resp: 120696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.7 | 4.9 | 14.6 |
| 85 | 62.9 | 31.4 | 94.3 |

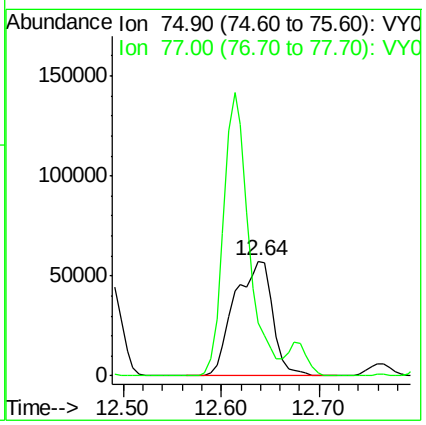


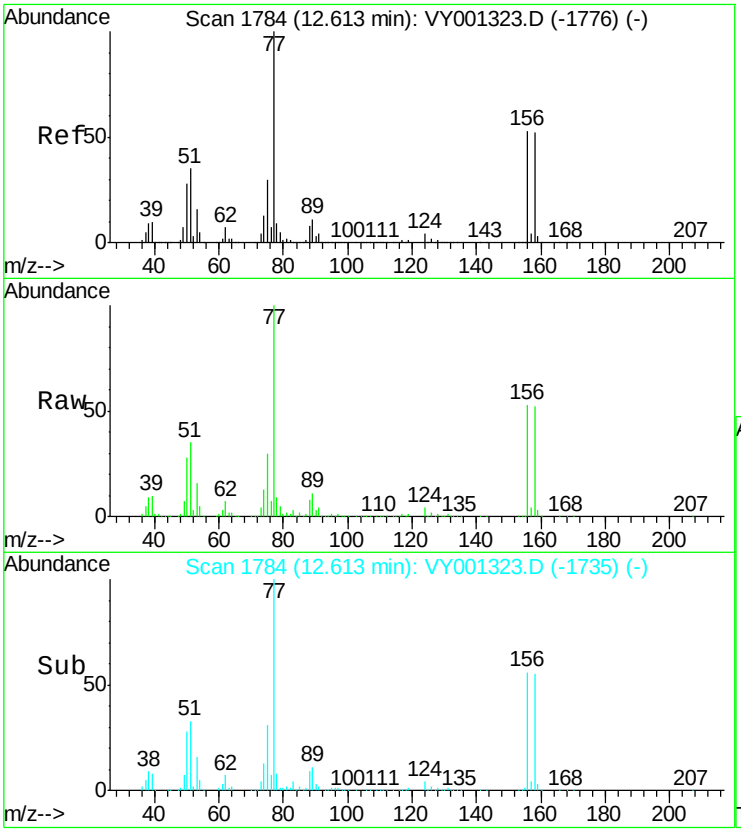




#76
1,2,3-Trichloropropane
Concen: 98.20 ug/l
RT: 12.64 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 75 Resp: 156073

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



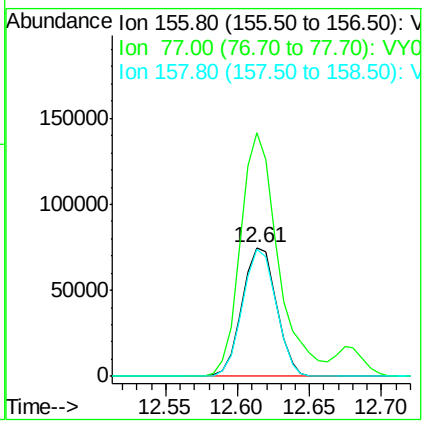


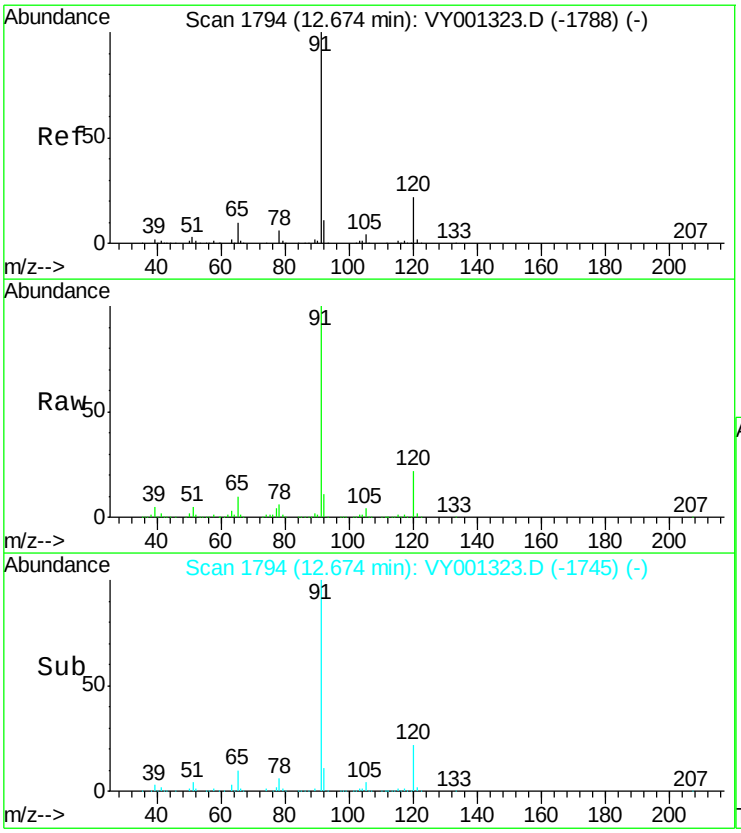

#77
Bromobenzene
Concen: 51.09 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion:156 Resp: 122812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 209.3 | 104.7 | 313.9 |
| 158 | 97.2 | 48.6 | 145.8 |

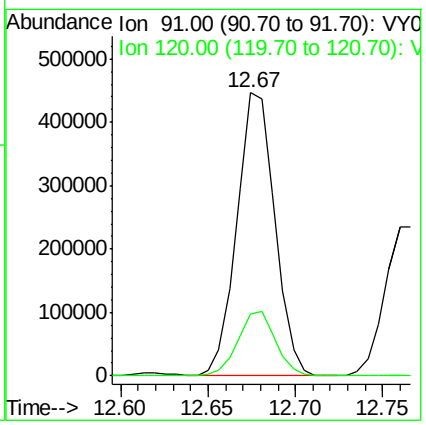


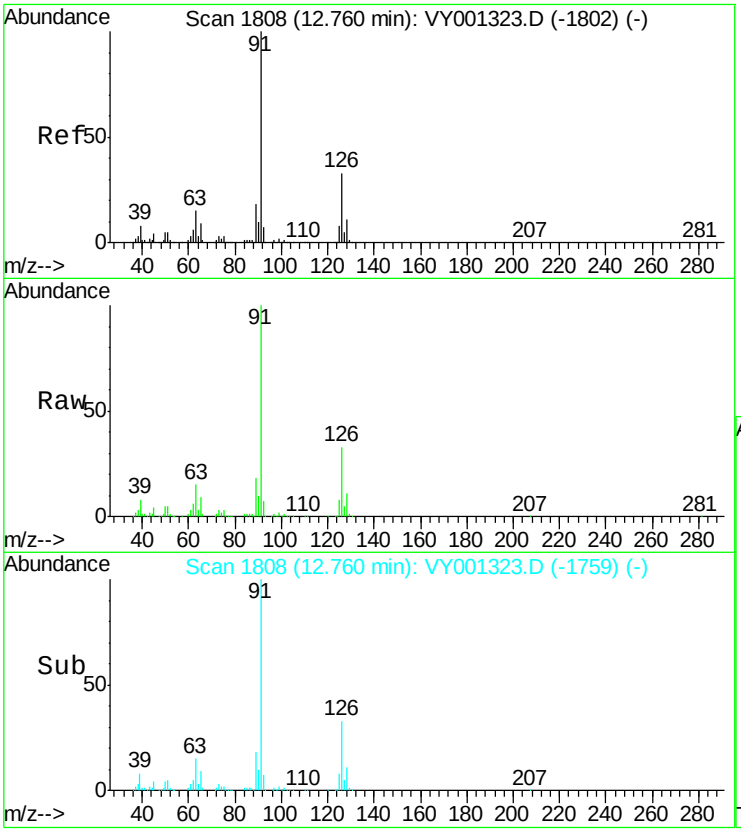




#78
n-propylbenzene
Concen: 51.51 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 91 Resp: 674306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.5 | 11.3 | 33.8 |



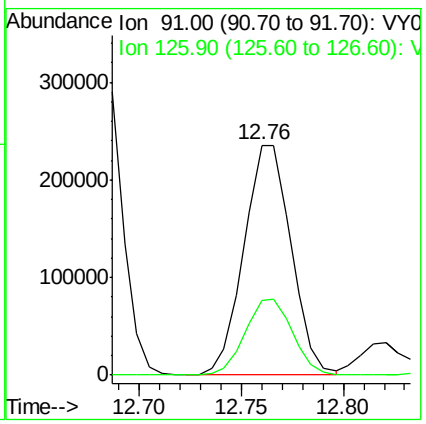


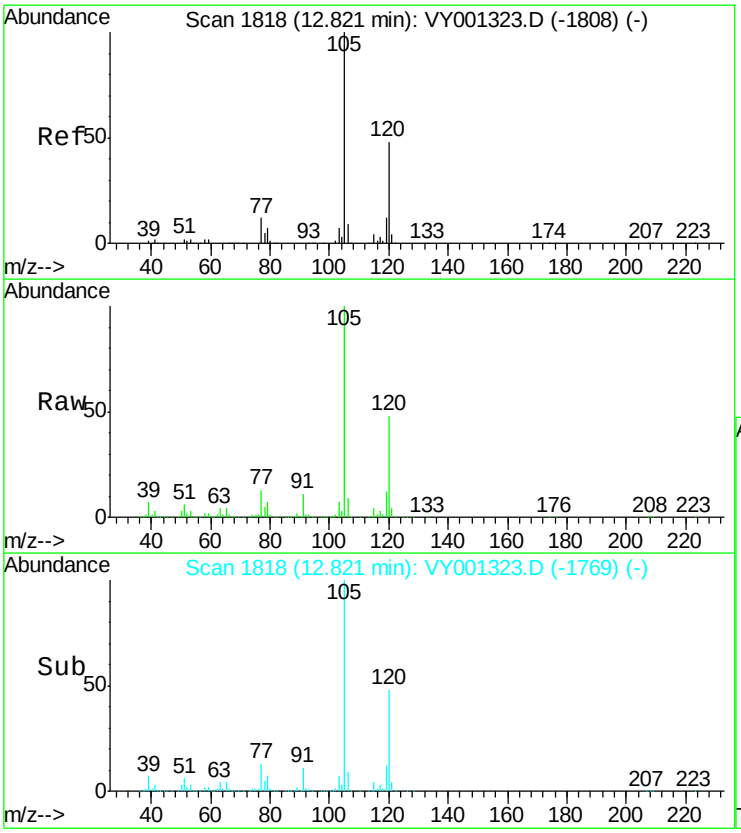

#79
2-Chlorotoluene
Concen: 50.70 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion: 91 Resp: 380411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.1 | 16.6 | 49.7 |

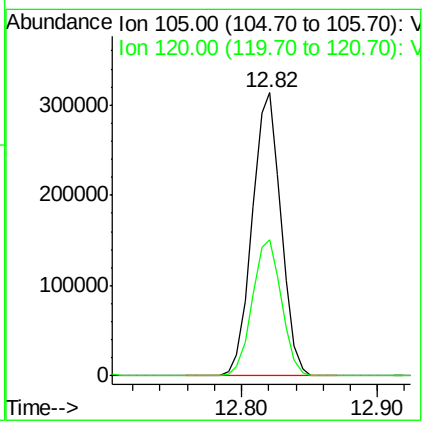


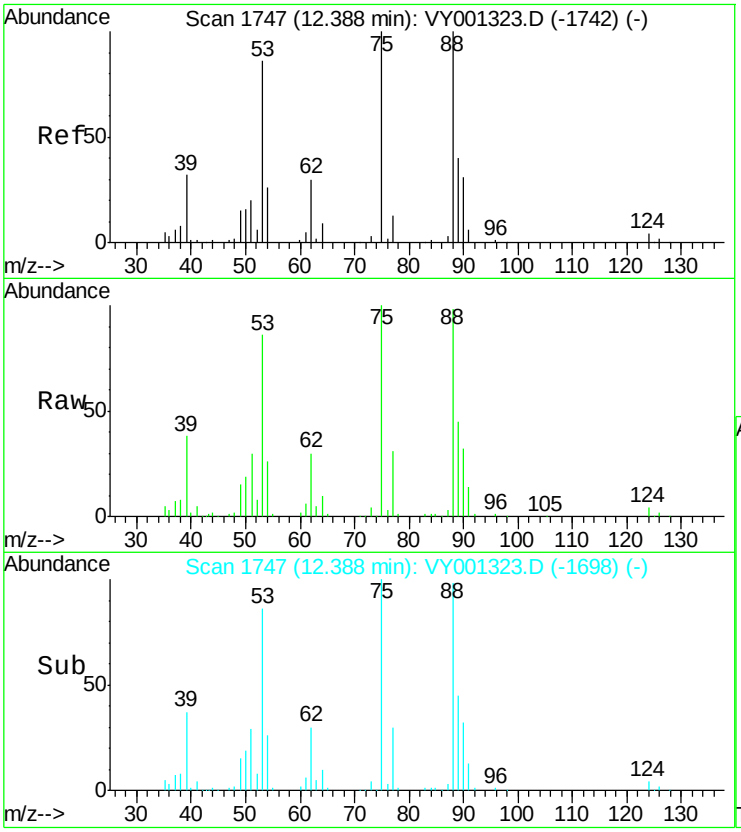




#80
1,3,5-Trimethylbenzene
Concen: 51.46 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:105 Resp: 466068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.6 | 24.3 | 72.9 |



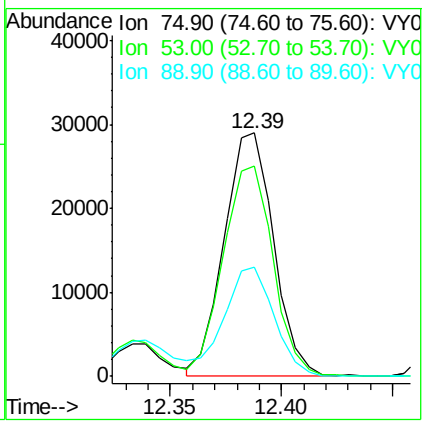


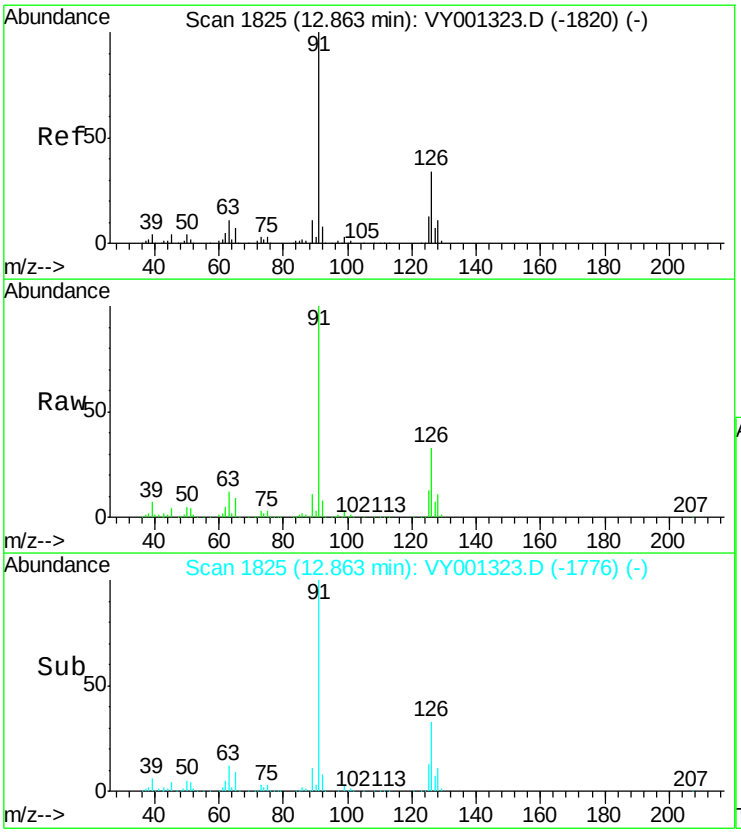

#81
trans-1,4-Dichloro-2-butene
Concen: 49.44 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion: 75 Resp: 44938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 87.4 | 69.9 | 104.9 |
| 89 | 45.7 | 36.6 | 54.8 |

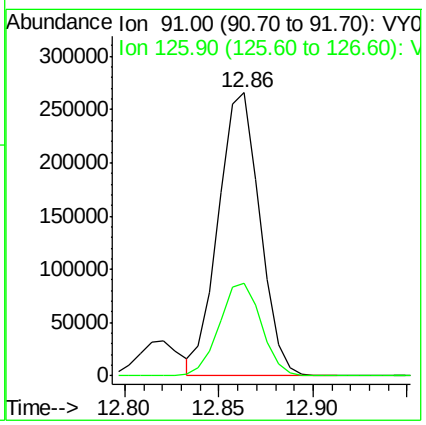


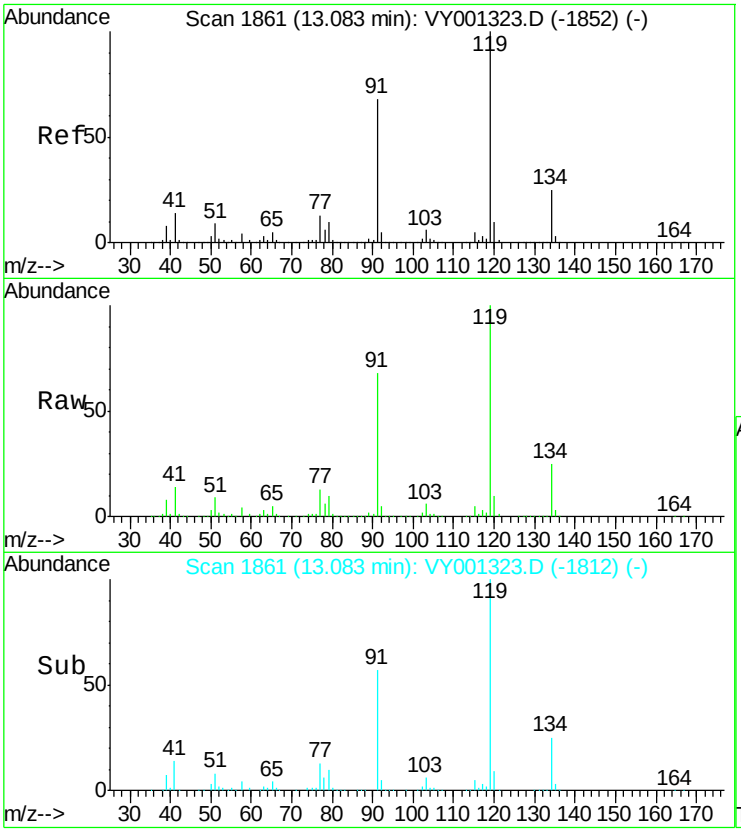




#82
4-Chlorotoluene
Concen: 50.88 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 91 Resp: 407287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.9 | 16.4 | 49.4 |



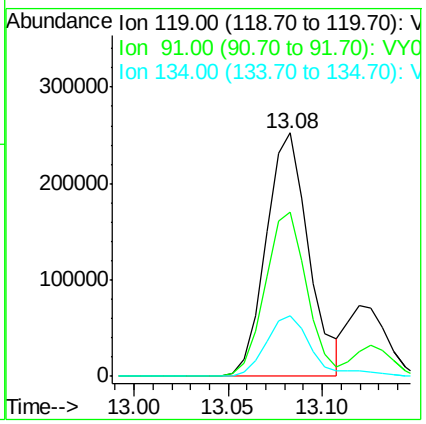


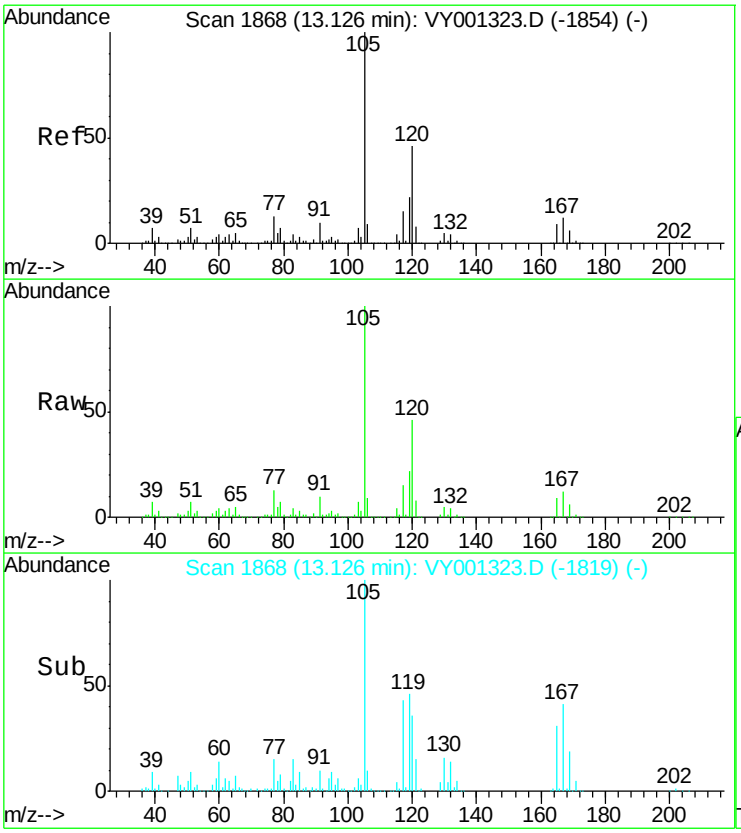

#83
tert-Butylbenzene
Concen: 51.83 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:119 Resp: 395938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.0 | 33.0 | 99.0 |
| 134 | 26.6 | 13.3 | 39.9 |

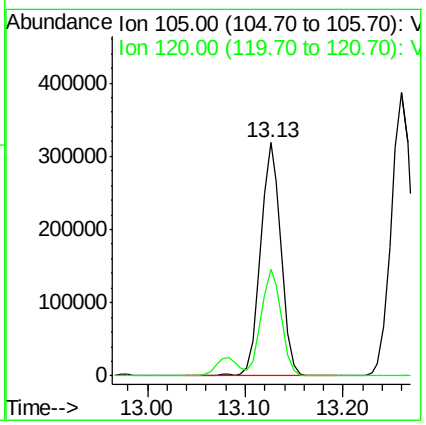


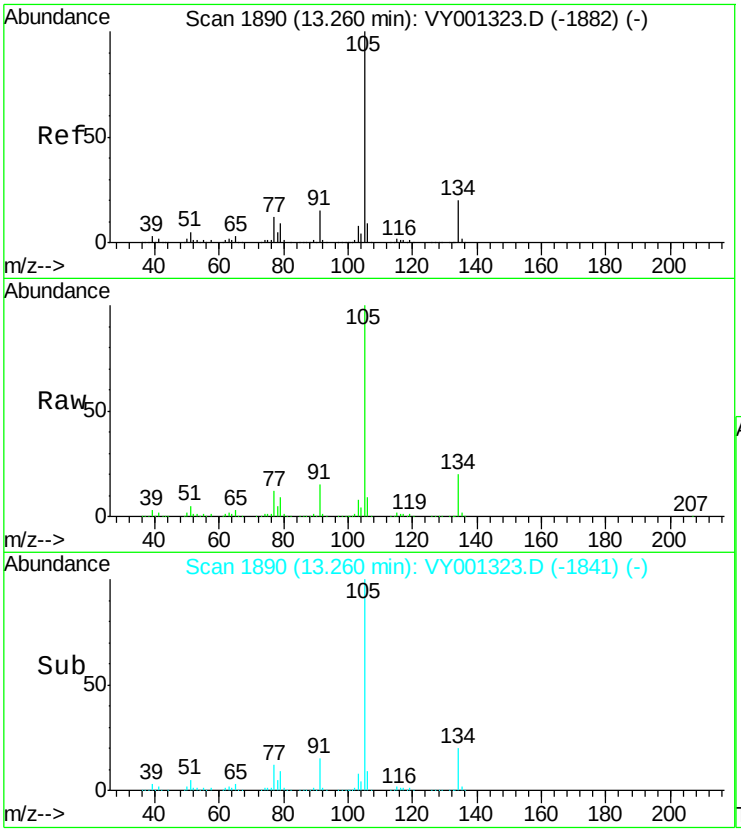




#84
1,2,4-Trimethylbenzene
Concen: 51.36 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:105 Resp: 462616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.9 | 22.4 | 67.3 |



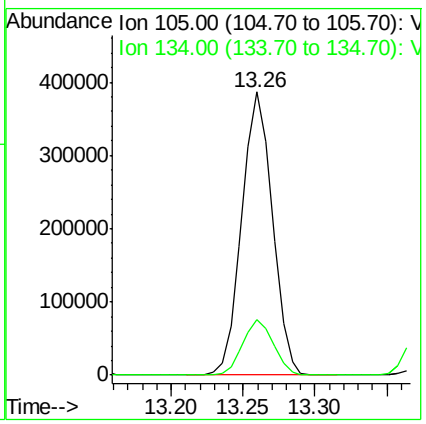


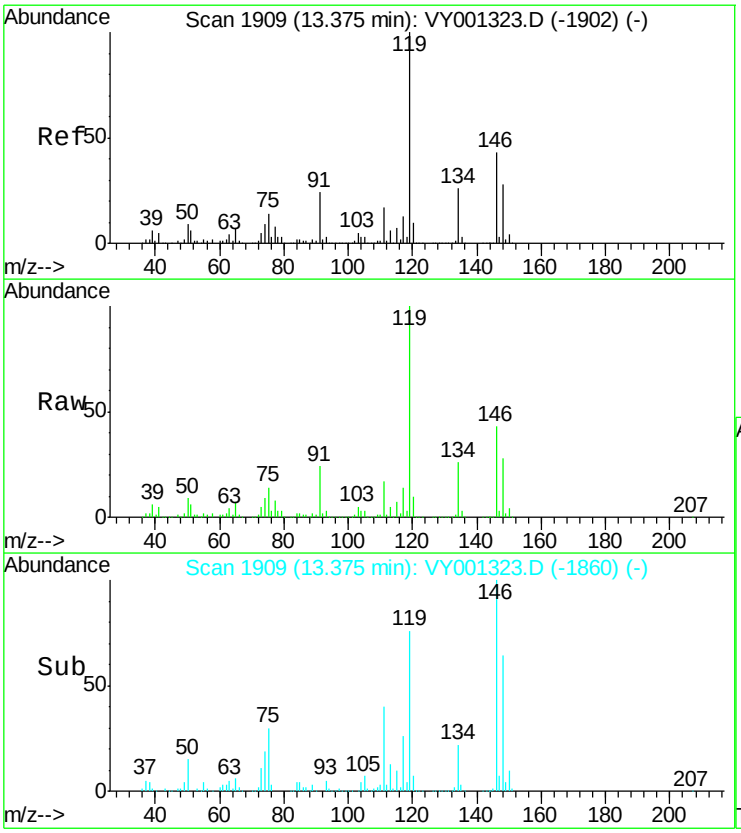

#85
sec-Butylbenzene
Concen: 51.81 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion:105 Resp: 568948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.6 | 9.8 | 29.4 |

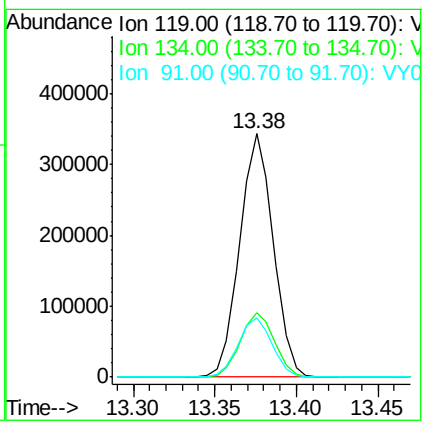


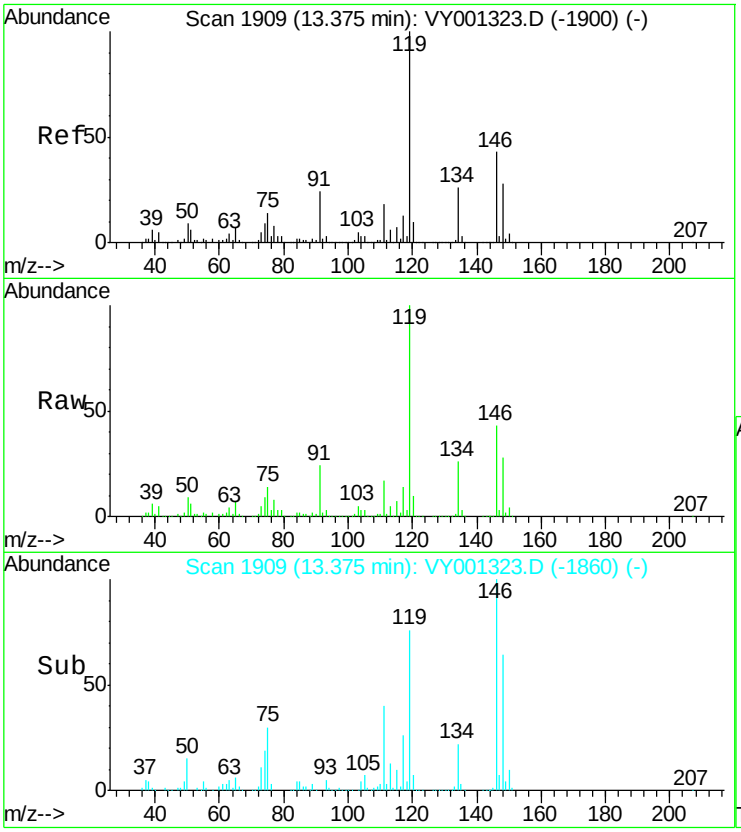




#86
p-Isopropyltoluene
Concen: 51.74 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:119 Resp: 492680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.9 | 13.5 | 40.4 |
| 91 | 24.4 | 12.2 | 36.6 |



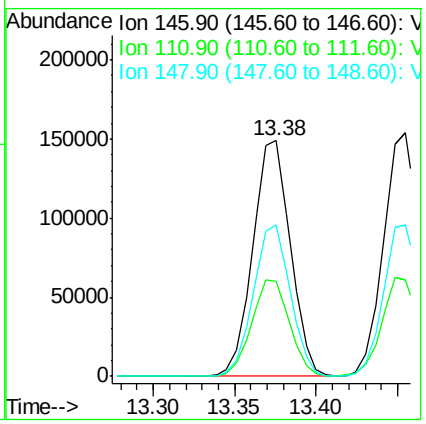


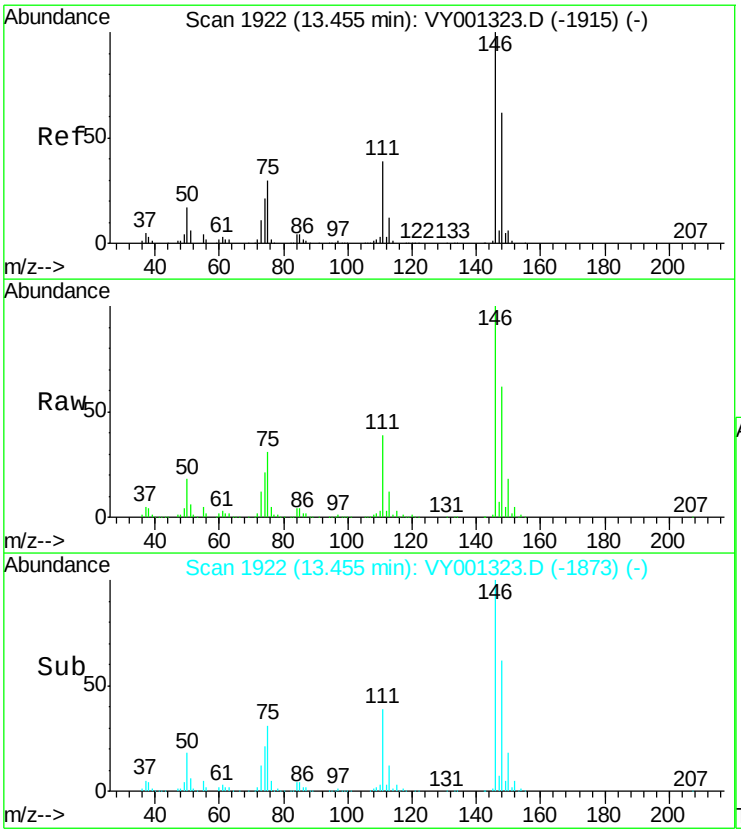

#87
1,3-Dichlorobenzene
Concen: 52.07 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:146 Resp: 237696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.2 | 20.6 | 61.8 |
| 148 | 63.3 | 31.6 | 95.0 |

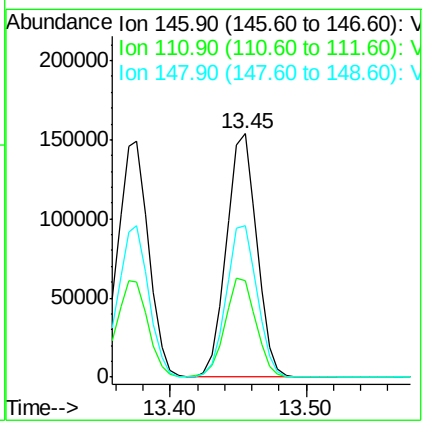


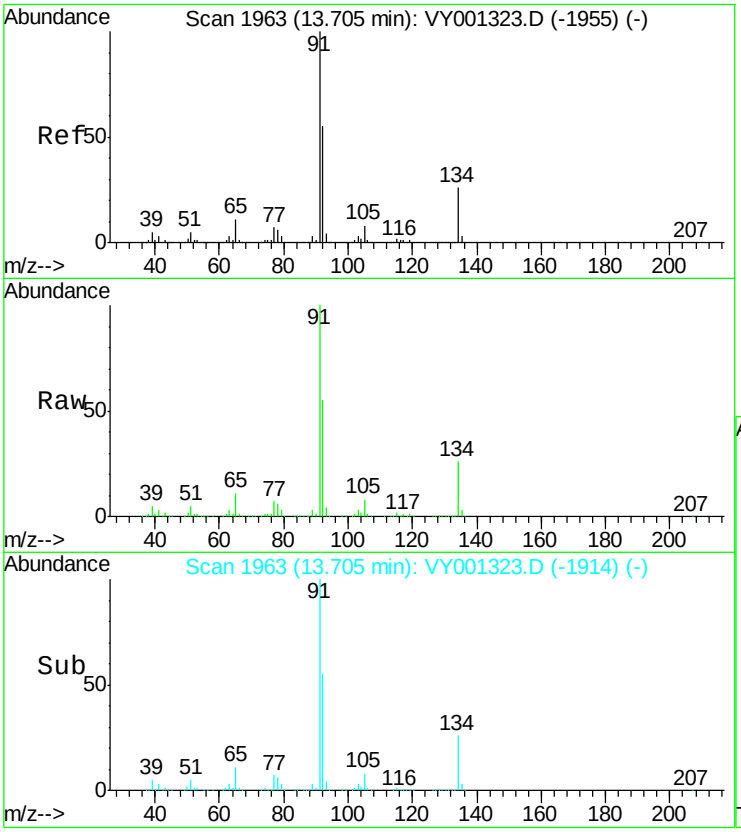




#88
1,4-Dichlorobenzene
Concen: 50.88 ug/l
RT: 13.45 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:146 Resp: 238191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 20.5 | 61.5 |
| 148 | 63.3 | 31.6 | 95.0 |



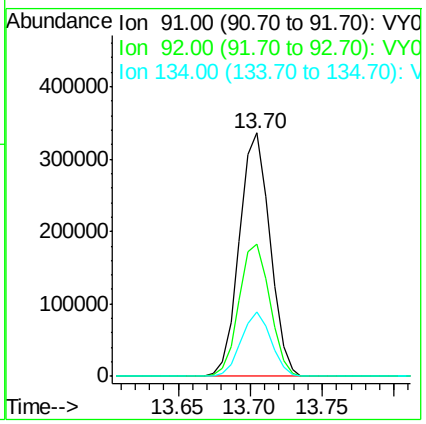


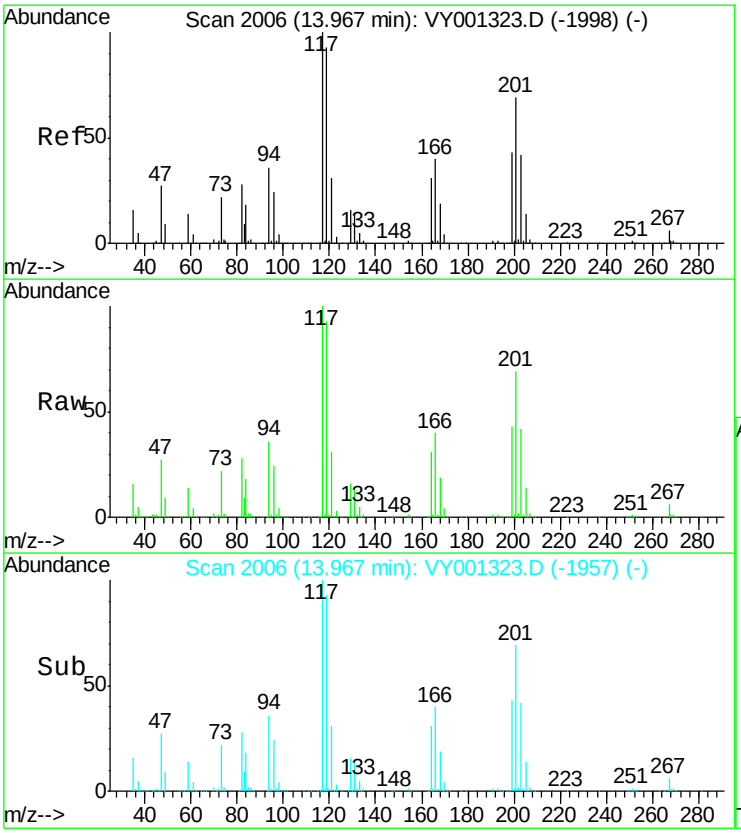

#89
n-Butylbenzene
Concen: 51.62 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDICCC050

Tgt Ion: 91 Resp: 494395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.2 | 27.6 | 82.8 |
| 134 | 25.7 | 12.9 | 38.6 |

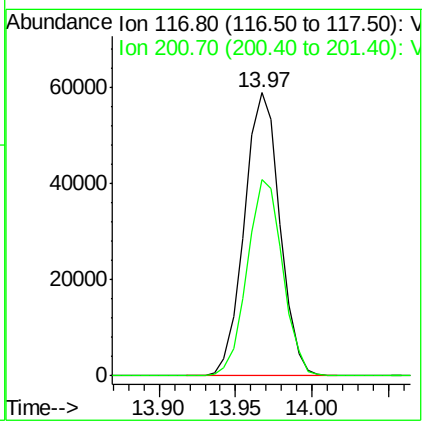


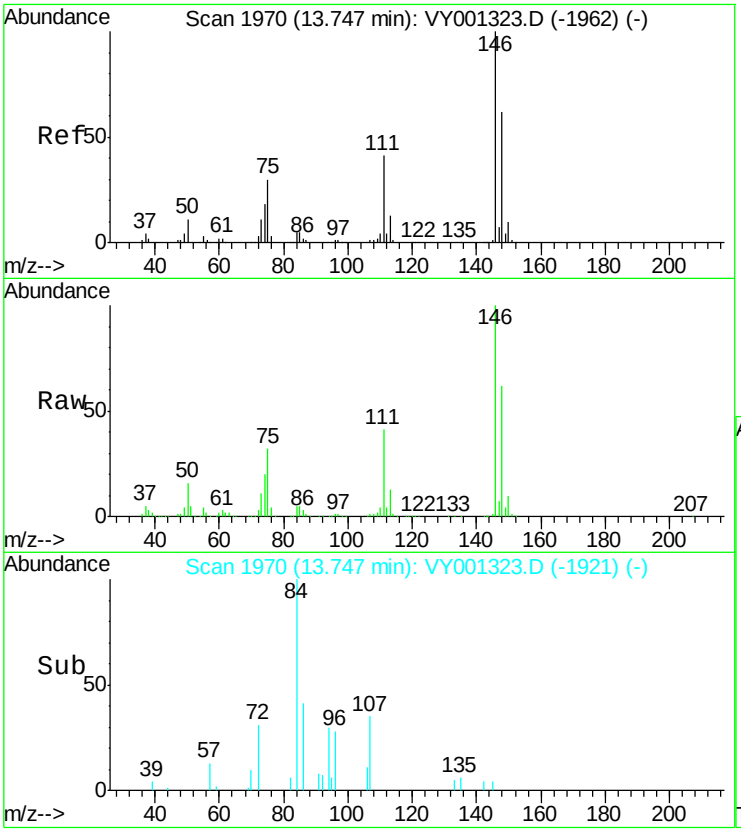




#90
Hexachloroethane
Concen: 51.30 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:117 Resp: 95251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 69.2 | 34.6 | 103.8 |



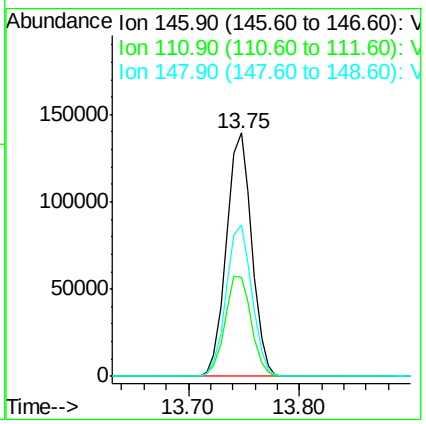


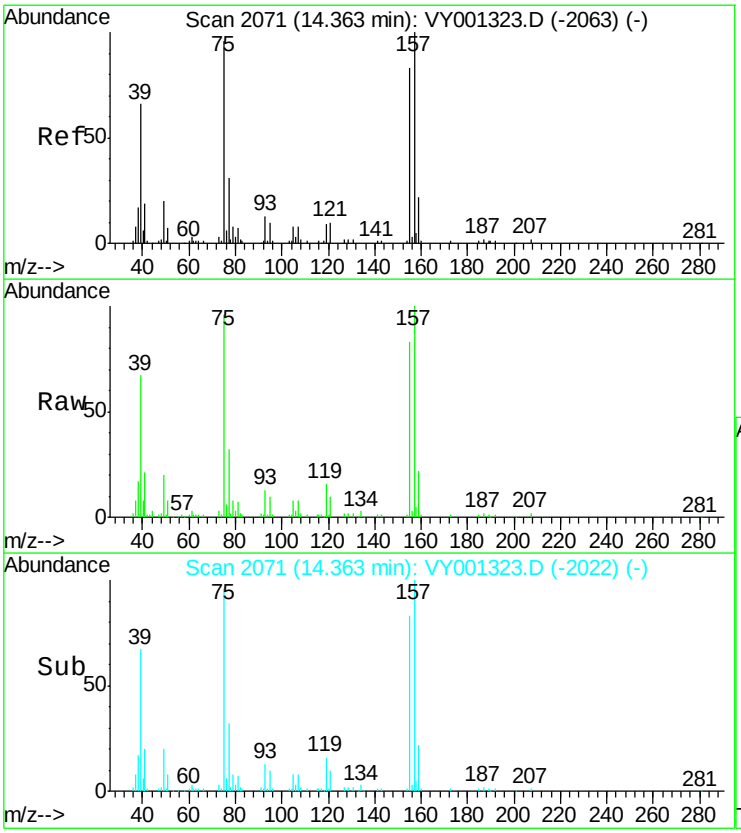

#91
1,2-Dichlorobenzene
Concen: 51.82 ug/l
RT: 13.75 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:146 Resp: 219526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.3 | 21.1 | 63.4 |
| 148 | 63.0 | 31.5 | 94.5 |

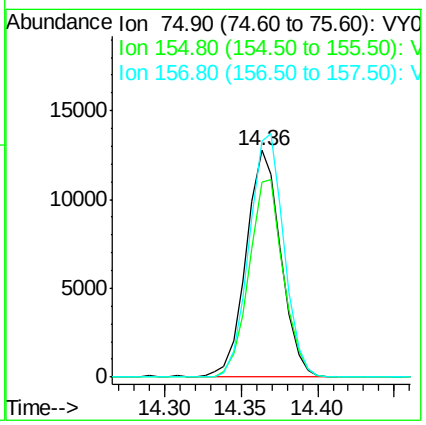


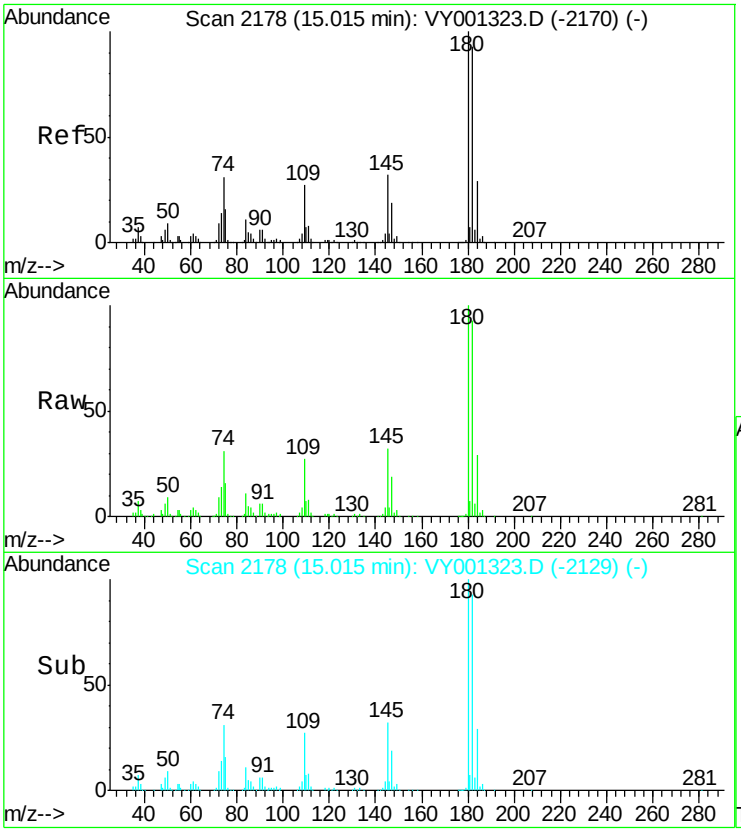




#92
1,2-Dibromo-3-Chloropropane
Concen: 49.07 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion: 75 Resp: 20138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 86.1 | 43.0 | 129.2 |
| 157 | 106.7 | 53.3 | 160.0 |



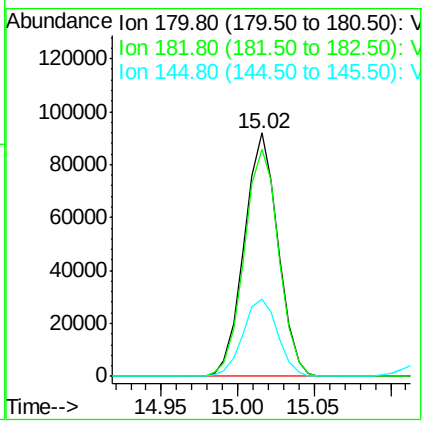


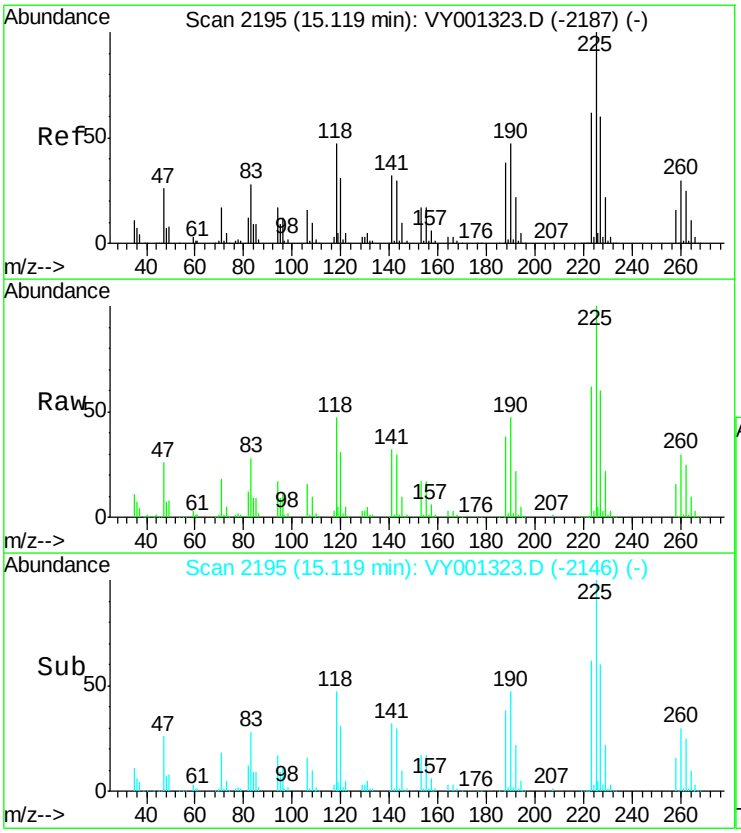

#93
1,2,4-Trichlorobenzene
Concen: 50.86 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:180 Resp: 141567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 47.6 | 142.8 |
| 145 | 32.6 | 16.3 | 48.9 |

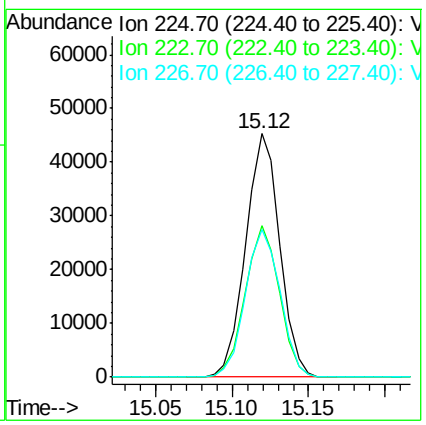


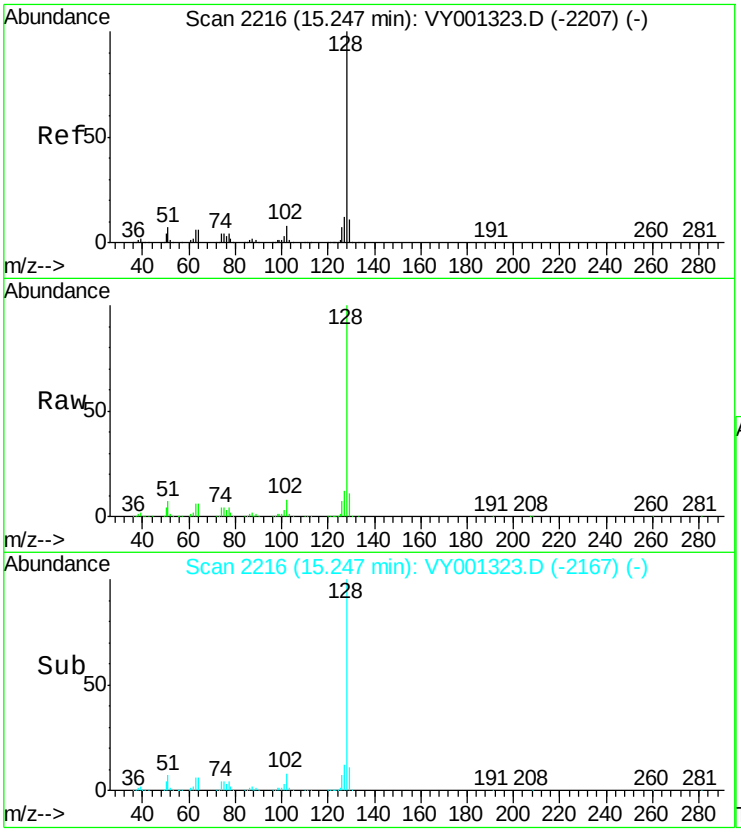




#94
Hexachlorobutadiene
Concen: 50.25 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:225 Resp: 70125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 31.2 | 93.6 |
| 227 | 62.0 | 31.0 | 93.0 |



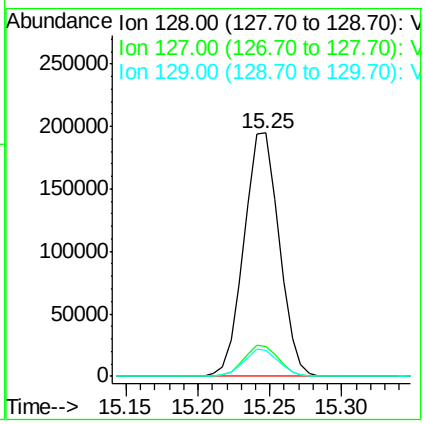


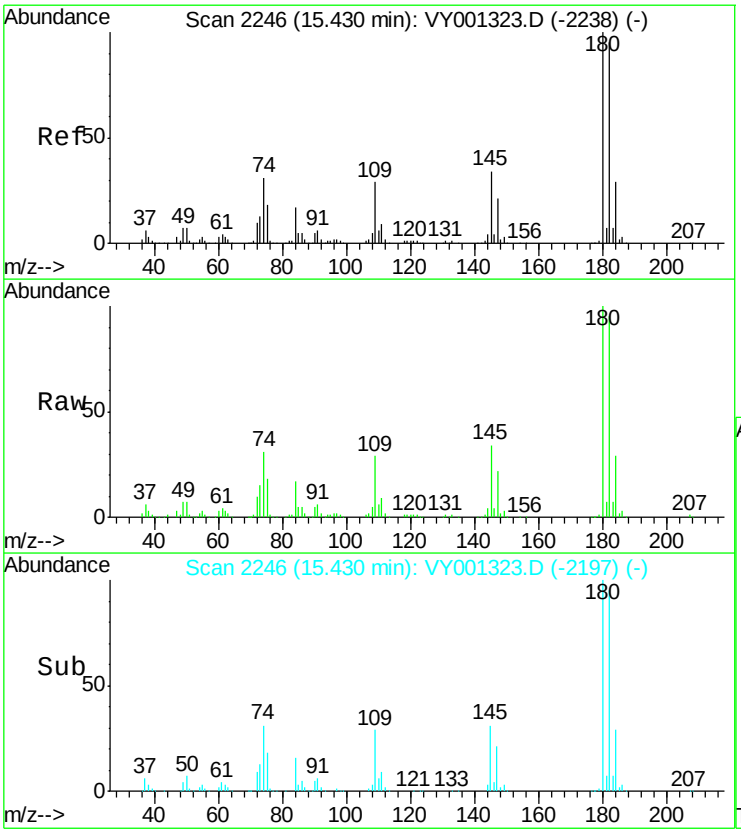

#95
Naphthalene
Concen: 50.74 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDICCC050

Tgt Ion:128 Resp: 328627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.2 | 15.2 |
| 129 | 10.9 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 50.99 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001323.D
Acq: 21 Jan 2020 15:46

Tgt Ion:180 Resp: 125409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 47.3 | 141.8 |
| 145 | 33.5 | 16.8 | 50.3 |