Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
Data File : VY001443.D
Acq On : 30 Jan 2020 20:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 31 03:25:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.82 | 168 | 166629 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.71 | 114 | 305307 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.50 | 117 | 276854 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152 | 132613 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.17 | 65 | 103314 | 56.98 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 113.96% | | | |
| 35) Dibromofluoromethane | 7.75 | 113 | 95352 | 53.21 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.42% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 385402 | 55.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 110.72% | | | |
| 62) 4-Bromofluorobenzene | 12.50 | 95 | 143781 | 51.86 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 103.72% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.91 | 85 | 65013 | 49.475 | ug/l | 99 |
| 3) Chloromethane | 2.13 | 50 | 96793 | 48.737 | ug/l | 100 |
| 4) Vinyl Chloride | 2.26 | 62 | 100161 | 48.367 | ug/l | 97 |
| 5) Bromomethane | 2.66 | 94 | 70034 | 50.215 | ug/l | 99 |
| 6) Chloroethane | 2.81 | 64 | 66645 | 50.365 | ug/l | 92 |
| 7) Trichlorofluoromethane | 3.15 | 101 | 136790 | 51.627 | ug/l | 97 |
| 8) Diethyl Ether | 3.55 | 74 | 58796 | 52.567 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101 | 89105 | 52.808 | ug/l | 99 |
| 10) Methyl Iodide | 4.11 | 142 | 104780 | 47.083 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.99 | 59 | 57284 | 251.413 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.90 | 96 | 87681 | 49.560 | ug/l | 94 |
| 13) Acrolein | 3.75 | 56 | 38530 | 288.495 | ug/l | 99 |
| 14) Allyl chloride | 4.50 | 41 | 162190 | 51.407 | ug/l | 99 |
| 15) Acrylonitrile | 5.20 | 53 | 163459 | 285.504 | ug/l | 99 |
| 16) Acetone | 3.97 | 43 | 136840 | 287.634 | ug/l | 98 |
| 17) Carbon Disulfide | 4.22 | 76 | 256094 | 46.026 | ug/l | 98 |
| 18) Methyl Acetate | 4.50 | 43 | 83593 | 54.670 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.25 | 73 | 278209 | 53.707 | ug/l | 99 |
| 20) Methylene Chloride | 4.75 | 84 | 110709 | 49.394 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.25 | 96 | 102372 | 49.815 | ug/l | 98 |
| 22) Diisopropyl ether | 6.15 | 45 | 355185 | 53.016 | ug/l | 97 |
| 23) Vinyl Acetate | 6.09 | 43 | 1170326 | 269.076 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 6.05 | 63 | 185341 | 52.485 | ug/l | 98 |
| 25) 2-Butanone | 7.02 | 43 | 221209 | 280.300 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 7.01 | 77 | 154726 | 49.189 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 7.02 | 96 | 120153 | 52.315 | ug/l | 99 |
| 28) Bromochloromethane | 7.36 | 49 | 91019 | 62.500 | ug/l | 98 |
| 29) Tetrahydrofuran | 7.38 | 42 | 146246 | 284.839 | ug/l | 98 |
| 30) Chloroform | 7.53 | 83 | 181314 | 52.383 | ug/l | 100 |
| 31) Cyclohexane | 7.81 | 56 | 170497 | 48.628 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 7.73 | 97 | 151475 | 51.829 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 7.94 | 75 | 141913 | 49.200 | ug/l | 100 |
| 37) Ethyl Acetate | 7.10 | 43 | 97357 | 55.245 | ug/l | 99 |
| 38) Carbon Tetrachloride | 7.92 | 117 | 127693 | 49.674 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
Data File : VY001443.D
Acq On : 30 Jan 2020 20:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 31 03:25:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.20 | 83 | 179260 | 48.514 ug/l | | 97 |
| 40) Benzene | 8.19 | 78 | 437332 | 50.567 ug/l | | 100 |
| 41) Methacrylonitrile | 7.37 | 41 | 133665 | 146.981 ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.26 | 62 | 124446 | 51.497 ug/l | | 99 |
| 43) Isopropyl Acetate | 8.30 | 43 | 187481 | 54.712 ug/l | | 99 |
| 44) Trichloroethene | 8.96 | 130 | 108096 | 48.706 ug/l | | 97 |
| 45) 1,2-Dichloropropane | 9.24 | 63 | 112827 | 51.606 ug/l | | 100 |
| 46) Dibromomethane | 9.32 | 93 | 60493 | 51.539 ug/l | | 98 |
| 47) Bromodichloromethane | 9.52 | 83 | 145488 | 51.852 ug/l | | 97 |
| 48) Methyl methacrylate | 9.31 | 41 | 84254 | 54.085 ug/l | | 99 |
| 49) 1,4-Dioxane | 9.32 | 88 | 17786 | 1074.556 ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 10.09 | 43 | 490321 | 277.847 ug/l | | 100 |
| 52) Toluene | 10.26 | 92 | 273458 | 49.879 ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 10.48 | 75 | 161370 | 51.888 ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 9.94 | 75 | 179323 | 50.236 ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.66 | 97 | 90589 | 52.291 ug/l | | 98 |
| 56) Ethyl methacrylate | 10.52 | 69 | 142022 | 54.240 ug/l | | 99 |
| 57) 1,3-Dichloropropane | 10.80 | 76 | 160927 | 53.325 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.80 | 63 | 244598 | 269.958 ug/l | | 99 |
| 59) 2-Hexanone | 10.85 | 43 | 355488 | 289.358 ug/l | | 99 |
| 60) Dibromochloromethane | 11.00 | 129 | 100960 | 52.105 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.10 | 107 | 87625 | 53.504 ug/l | | 99 |
| 64) Tetrachloroethene | 10.74 | 164 | 91233 | 51.589 ug/l | | 98 |
| 65) Chlorobenzene | 11.53 | 112 | 289841 | 49.667 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.61 | 131 | 101857 | 51.145 ug/l | | 99 |
| 67) Ethyl Benzene | 11.61 | 91 | 536343 | 49.871 ug/l | | 99 |
| 68) m/p-Xylenes | 11.72 | 106 | 399590 | 99.483 ug/l | | 99 |
| 69) o-Xylene | 12.04 | 106 | 191759 | 49.626 ug/l | | 99 |
| 70) Styrene | 12.06 | 104 | 343891 | 50.724 ug/l | | 99 |
| 71) Bromoform | 12.22 | 173 | 60820 | 51.160 ug/l | # | 99 |
| 73) Isopropylbenzene | 12.34 | 105 | 514766 | 49.193 ug/l | | 100 |
| 74) N-amyl acetate | 12.16 | 43 | 184687 | 53.918 ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 12.59 | 83 | 119664 | 53.396 ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 156198 | 97.746 ug/l | # | 100 |
| 77) Bromobenzene | 12.62 | 156 | 115622 | 49.886 ug/l | | 97 |
| 78) n-propylbenzene | 12.69 | 91 | 625678 | 49.676 ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.77 | 91 | 357361 | 49.665 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.83 | 105 | 432463 | 49.510 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75 | 44685 | 52.917 ug/l | | 95 |
| 82) 4-Chlorotoluene | 12.87 | 91 | 380264 | 49.475 ug/l | | 100 |
| 83) tert-Butylbenzene | 13.09 | 119 | 365511 | 49.643 ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.13 | 105 | 433937 | 49.483 ug/l | | 100 |
| 85) sec-Butylbenzene | 13.27 | 105 | 526737 | 50.353 ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.38 | 119 | 461161 | 50.025 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.38 | 146 | 220871 | 49.481 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.46 | 146 | 223036 | 49.211 ug/l | | 99 |
| 89) n-Butylbenzene | 13.71 | 91 | 463715 | 49.981 ug/l | | 99 |
| 90) Hexachloroethane | 13.97 | 117 | 88309 | 50.537 ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 13.75 | 146 | 207767 | 50.470 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.37 | 75 | 20539 | 53.111 ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
Data File : VY001443.D
Acq On : 30 Jan 2020 20:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 31 03:25:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180 | 131502 | 47.595 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.12 | 225 | 64248 | 47.757 | ug/l | 98 |
| 95) Naphthalene | 15.25 | 128 | 332370 | 52.609 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180 | 117394 | 48.436 | ug/l | 99 |

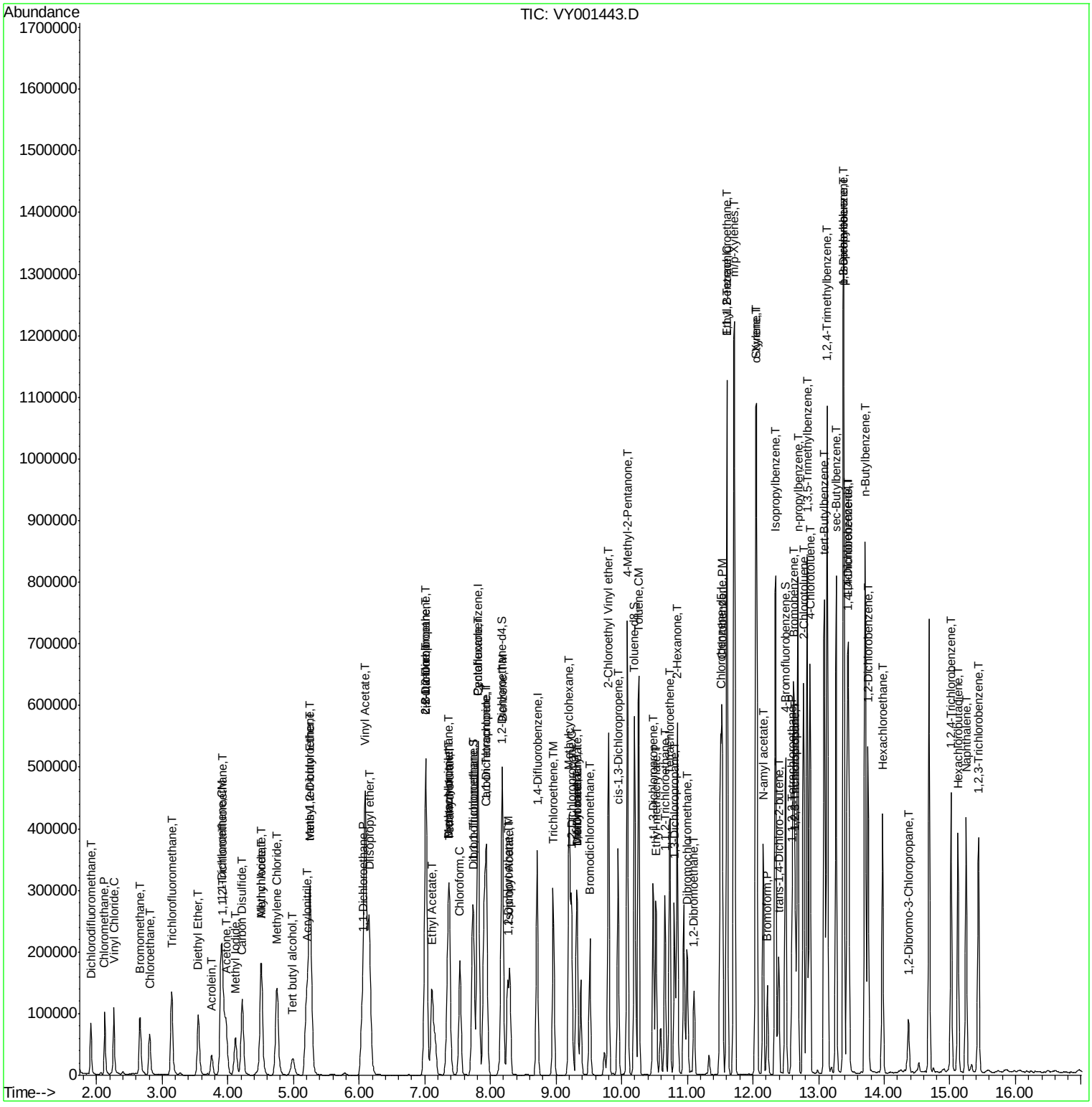
(#) = qualifier out of range (m) = manual integration (+) = signals summed

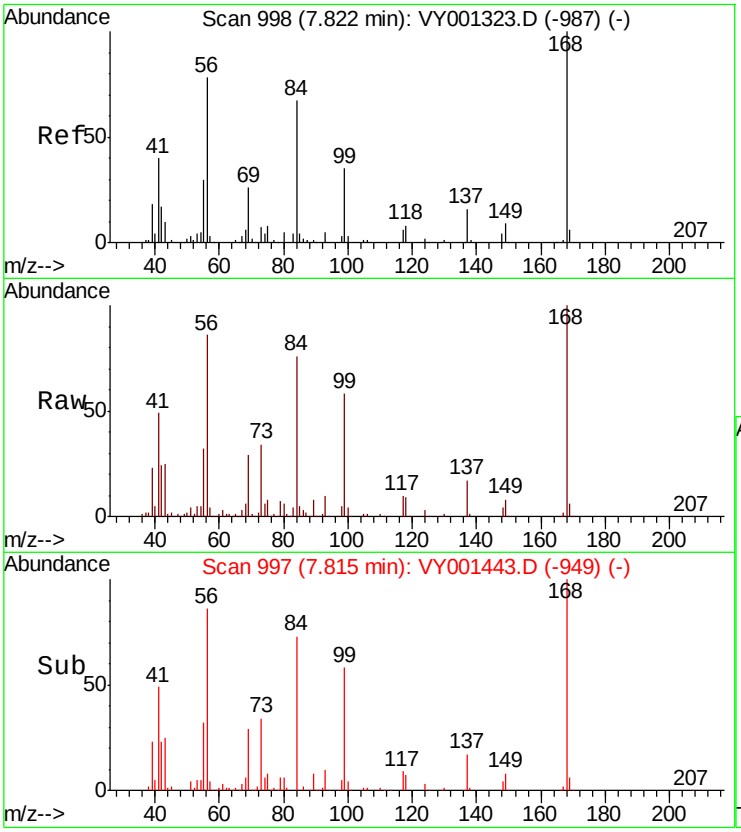
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
Data File : VY001443.D
Acq On : 30 Jan 2020 20:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 31 03:25:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration



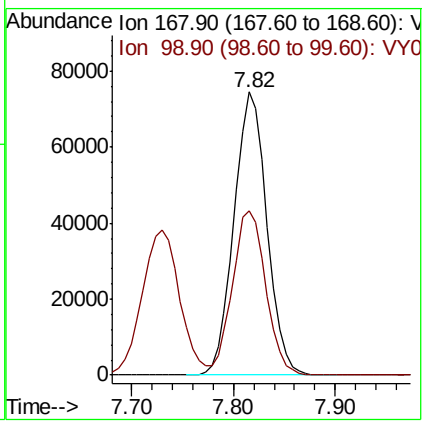


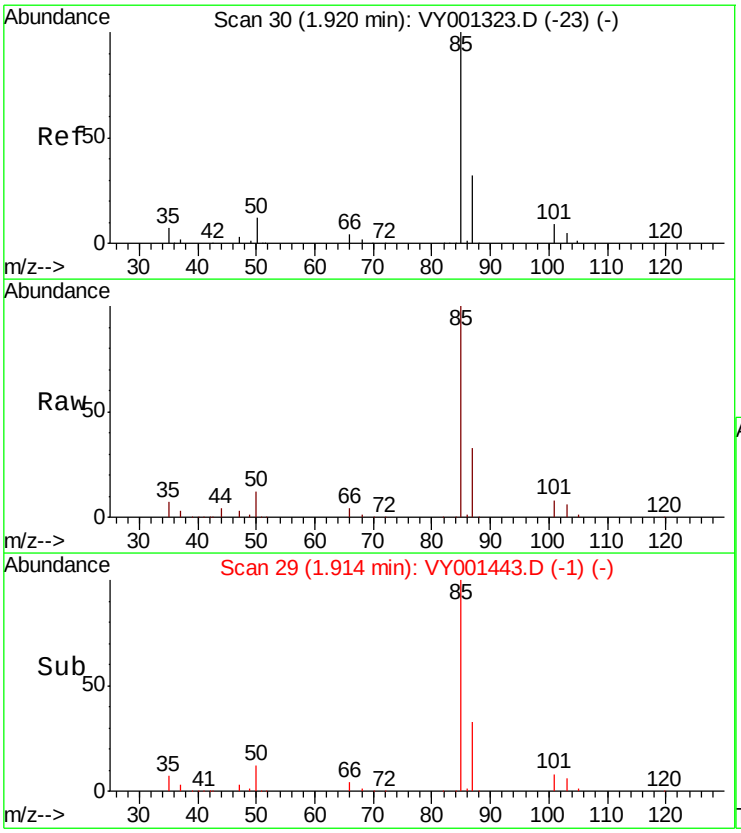

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:168 Resp: 166629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.0 | 44.3 | 66.5 |

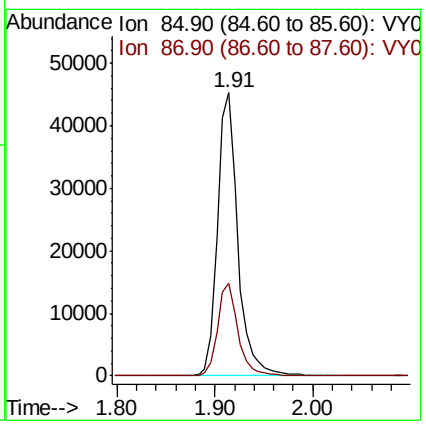


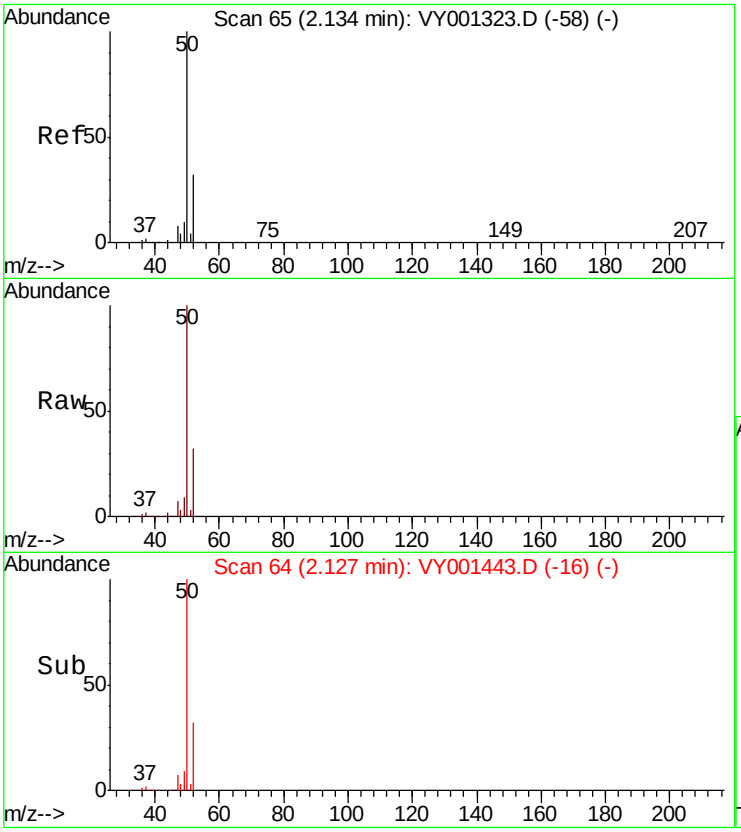




#2
Dichlorodifluoromethane
Concen: 49.475 ug/l
RT: 1.91 min Scan# 29
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 85 Resp: 65013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.6 | 16.0 | 48.0 |



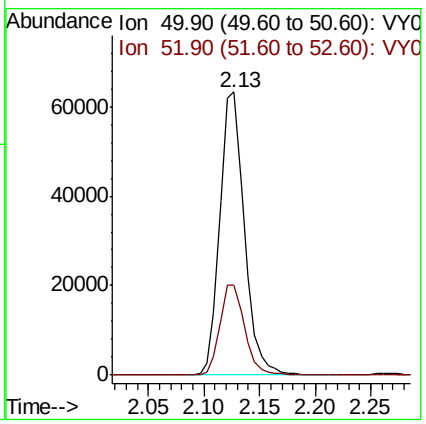


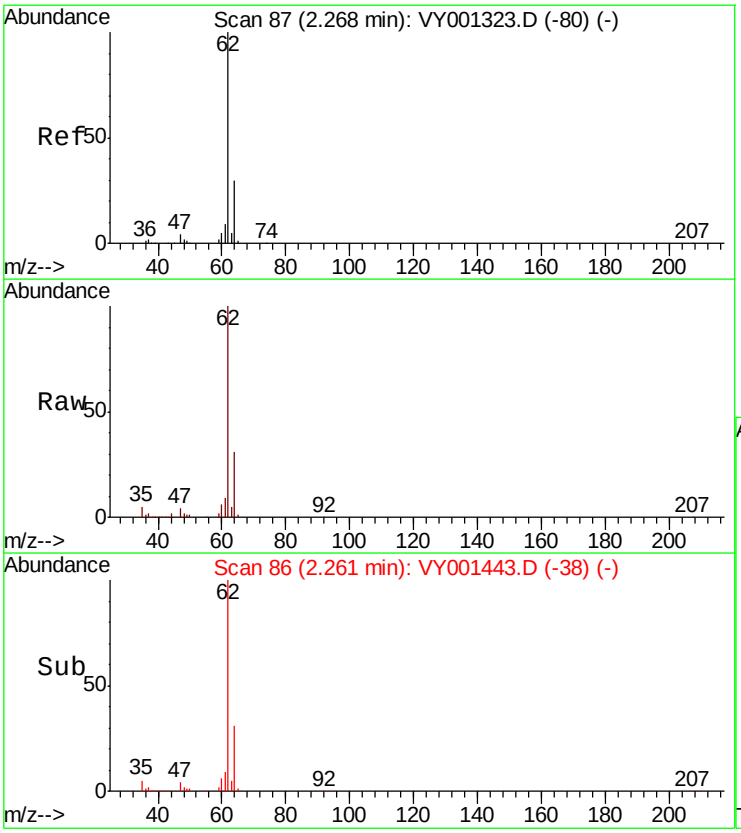

#3
Chloromethane
Concen: 48.737 ug/l
RT: 2.13 min Scan# 64
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 50 Resp: 96793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.8 | 25.7 | 38.5 |

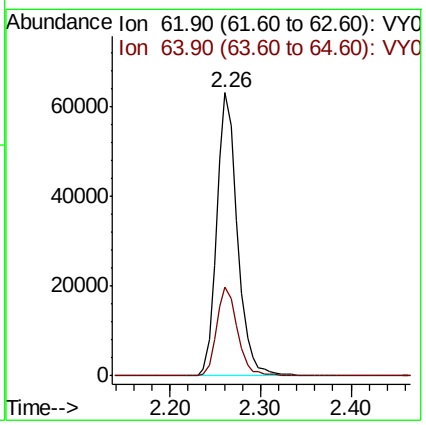


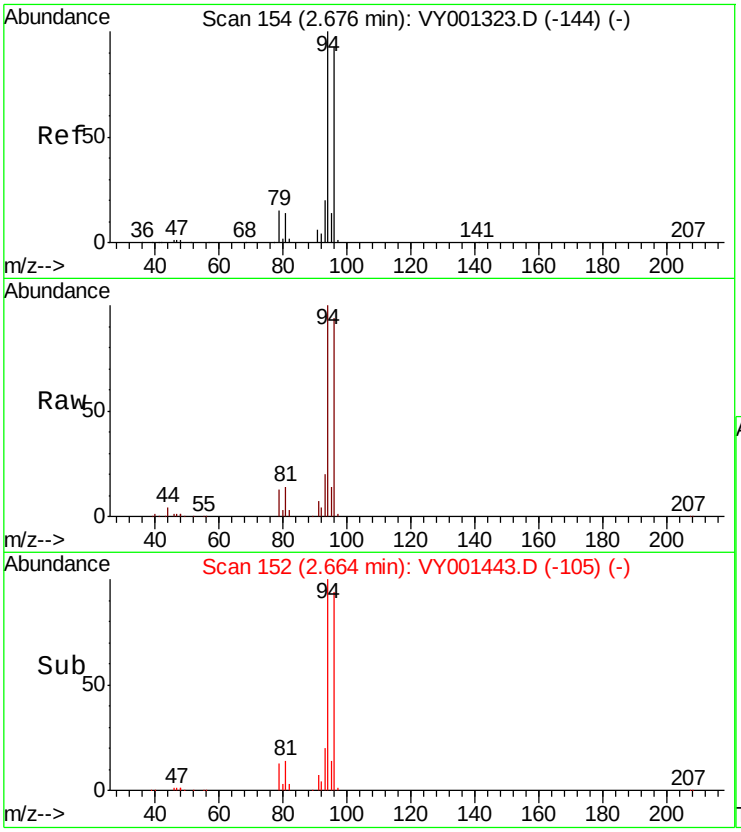




#4
Vinyl Chloride
Concen: 48.367 ug/l
RT: 2.26 min Scan# 86
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 62 Resp: 100161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 23.9 | 35.9 |



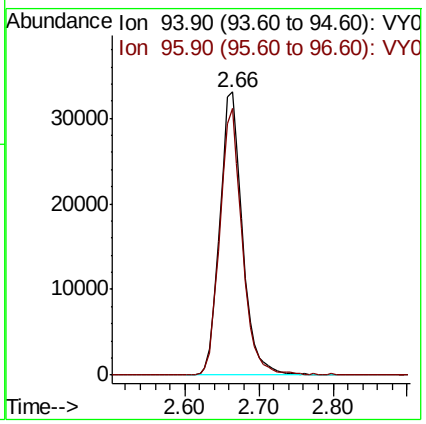


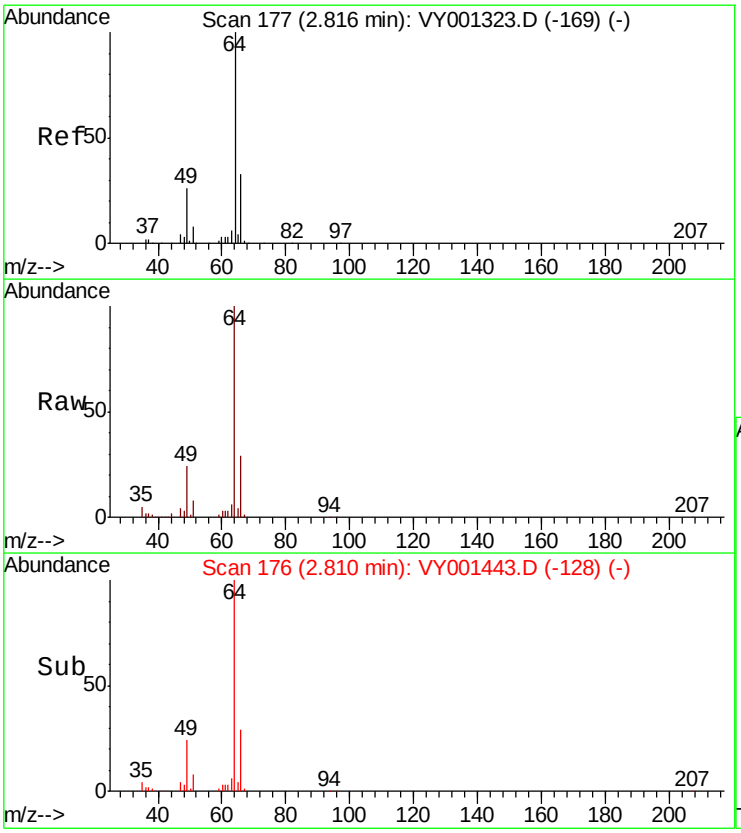

#5
Bromomethane
Concen: 50.215 ug/l
RT: 2.66 min Scan# 152
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 94 Resp: 70034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.3 | 74.6 | 111.8 |

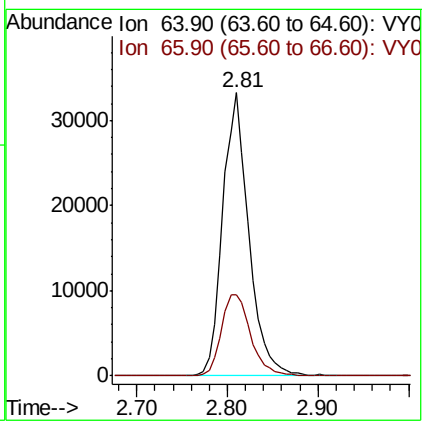


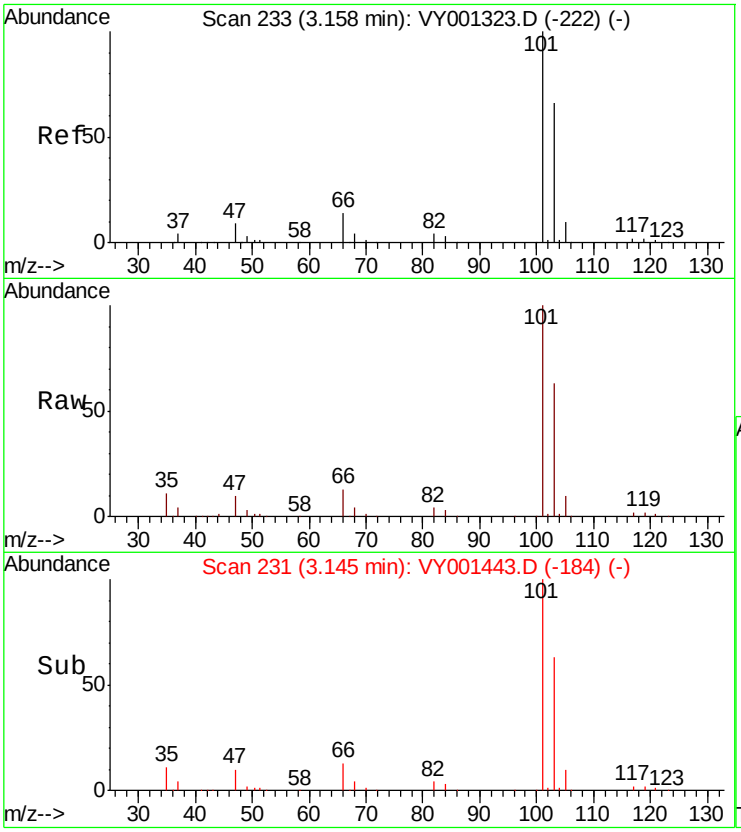




#6
Chloroethane
Concen: 50.365 ug/l
RT: 2.81 min Scan# 176
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 64 Resp: 66645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 28.9 | 26.8 | 40.2 |

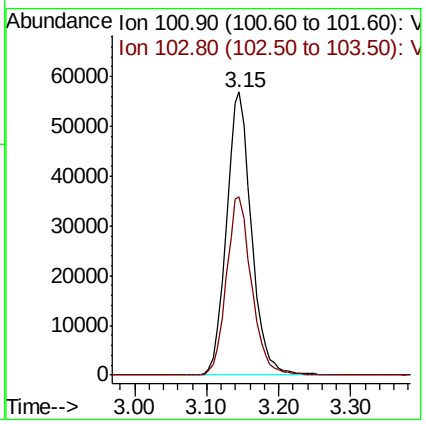




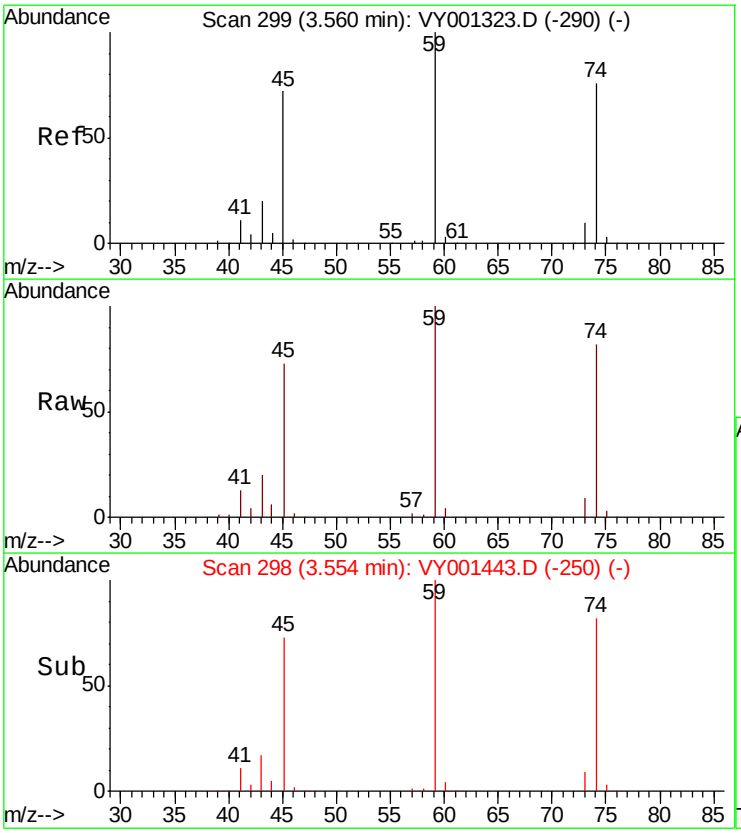

#7
Trichlorofluoromethane
Concen: 51.627 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:101 Resp: 136790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.1 | 52.5 | 78.7 |



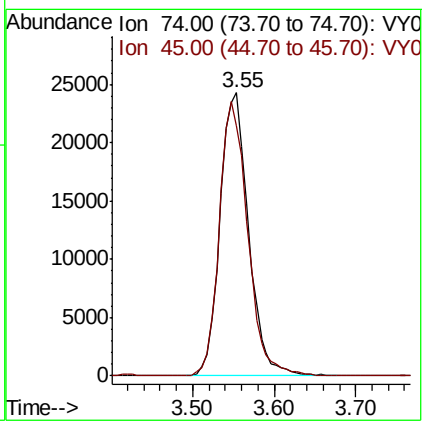

**Instrument :**
MSVOA_Y
**ClientSampleId :**

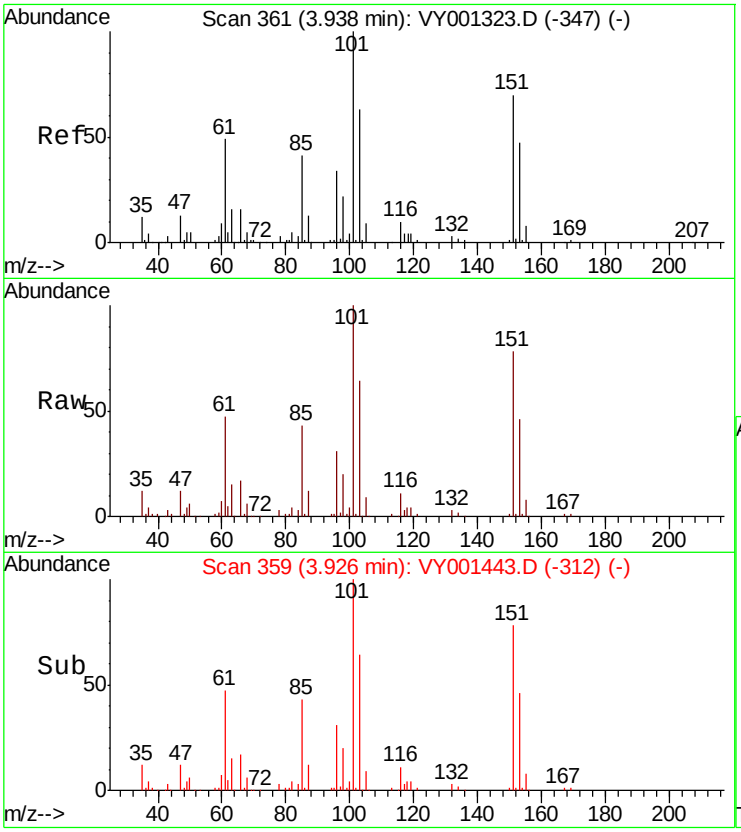



#8
Diethyl Ether
Concen: 52.567 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 74 Resp: 58796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 96.5 | 47.2 | 141.6 |



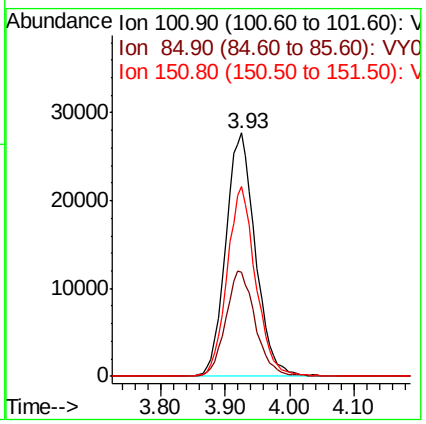


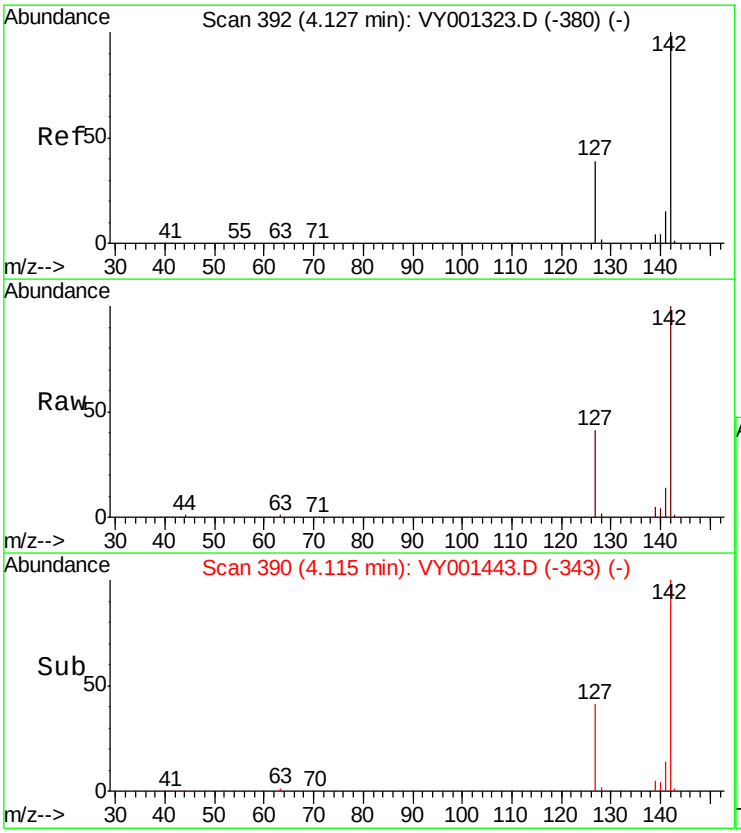

#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.808 ug/l
RT: 3.93 min Scan# 359
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:101 Resp: 89105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.1 | 34.9 | 52.3 |
| 151 | 75.2 | 59.9 | 89.9 |

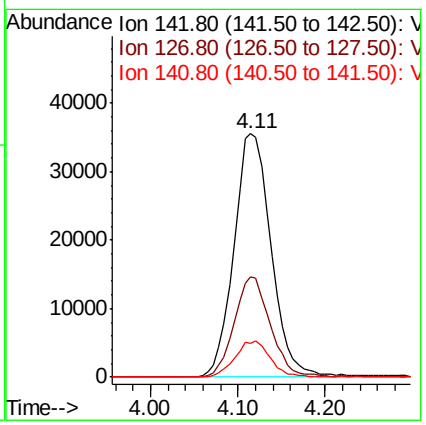


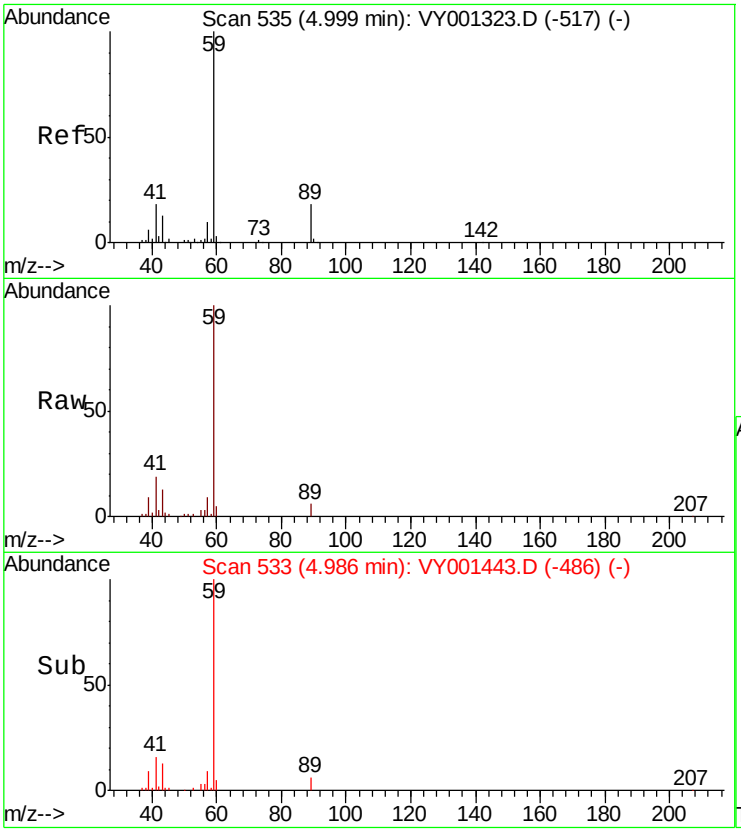




#10
Methyl Iodide
Concen: 47.083 ug/l
RT: 4.11 min Scan# 390
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:142 Resp: 104780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.2 | 31.6 | 47.4 |
| 141 | 14.0 | 11.2 | 16.8 |



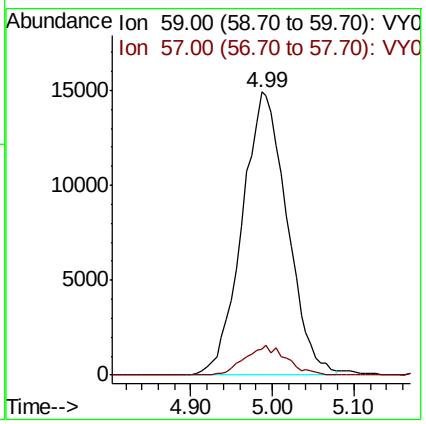


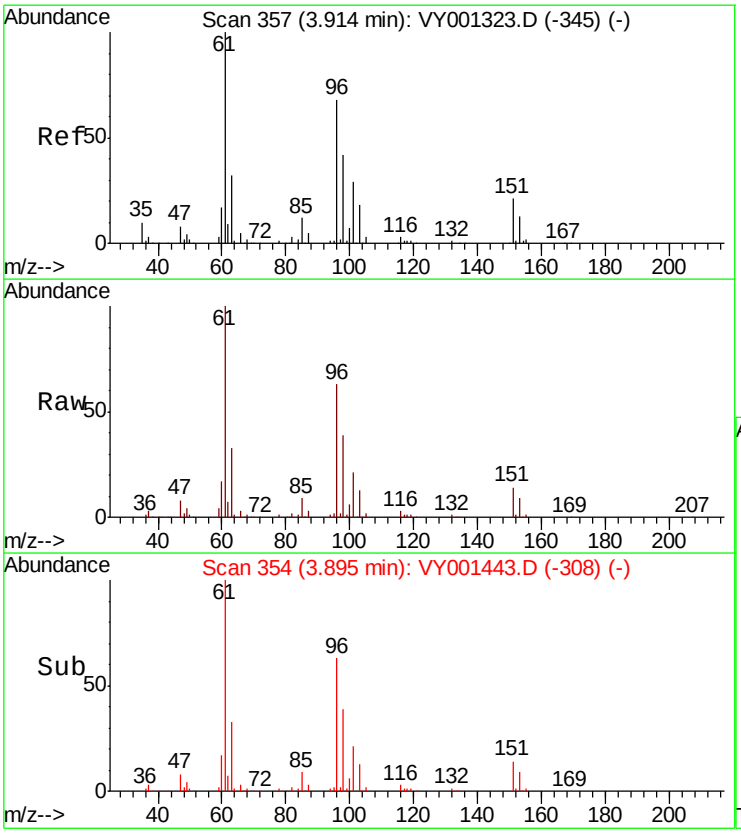

#11
Tert butyl alcohol
Concen: 251.413 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 59 Resp: 57284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.6 | 7.4 | 11.2 |

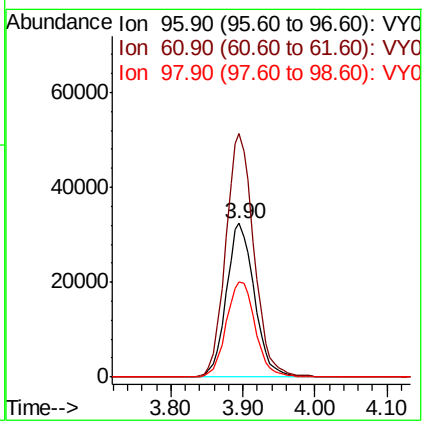


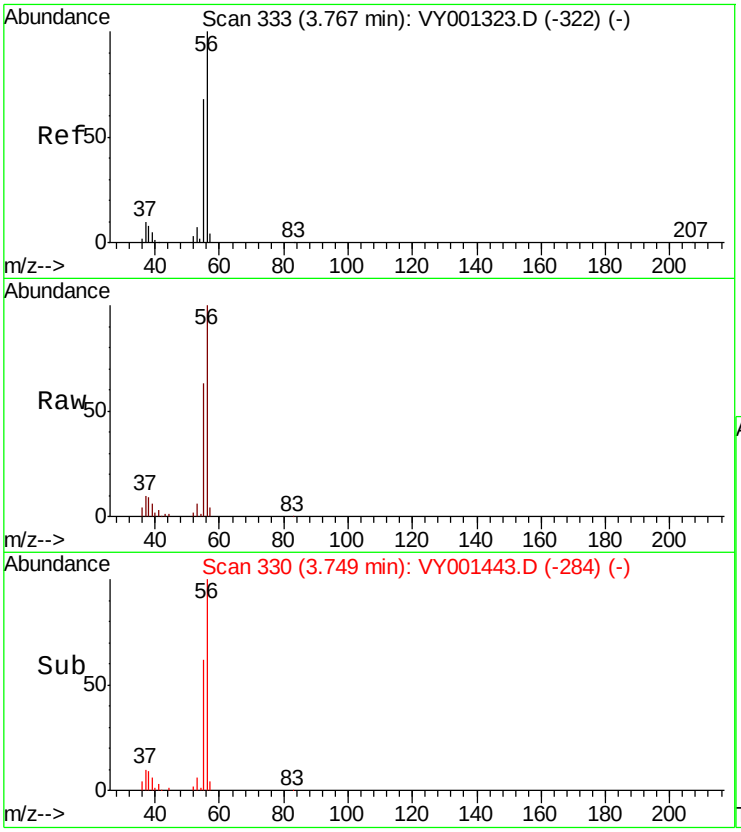




#12
1,1-Dichloroethene
Concen: 49.560 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 96 Resp: 87681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.2 | 118.0 | 177.0 |
| 98 | 62.1 | 49.4 | 74.2 |



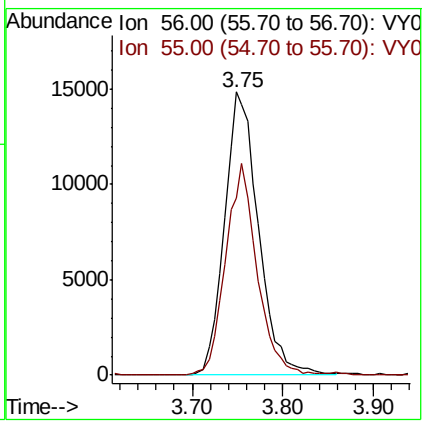


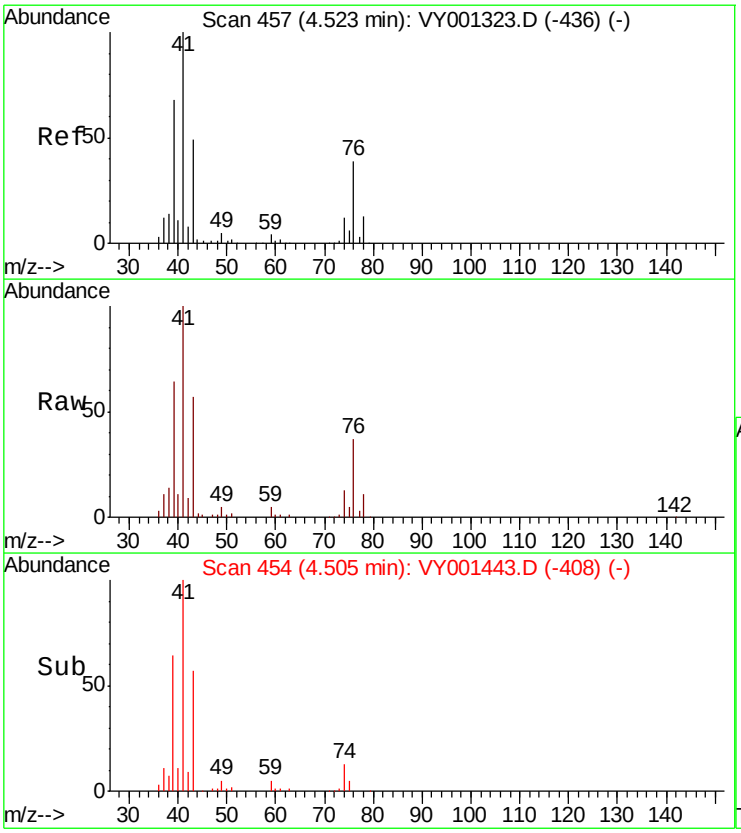

#13
Acrolein
Concen: 288.495 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.02 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 56 Resp: 38530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 68.8 | 55.9 | 83.9 |

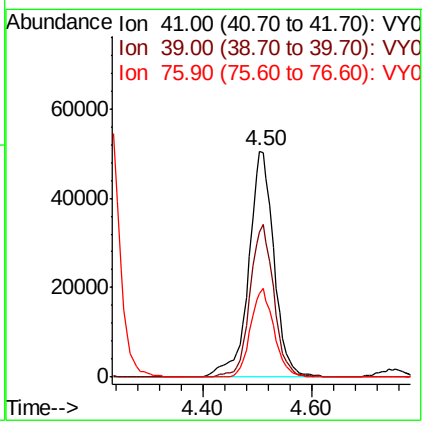


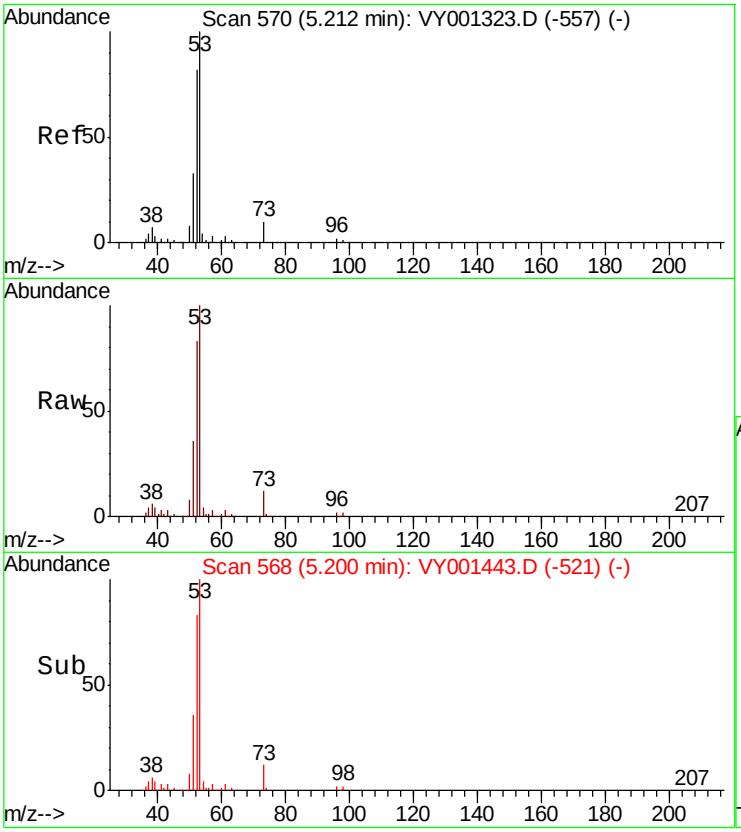




#14
Allyl chloride
Concen: 51.407 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 41 Resp: 162190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 64.4 | 52.2 | 78.4 |
| 76 | 36.1 | 29.1 | 43.7 |



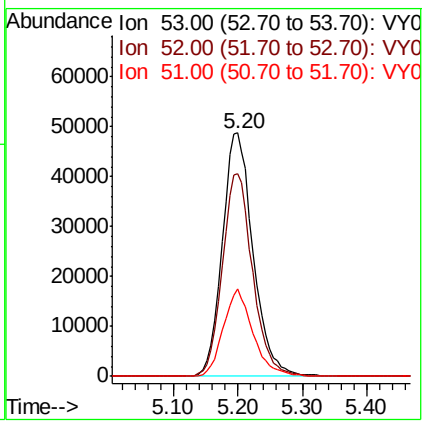


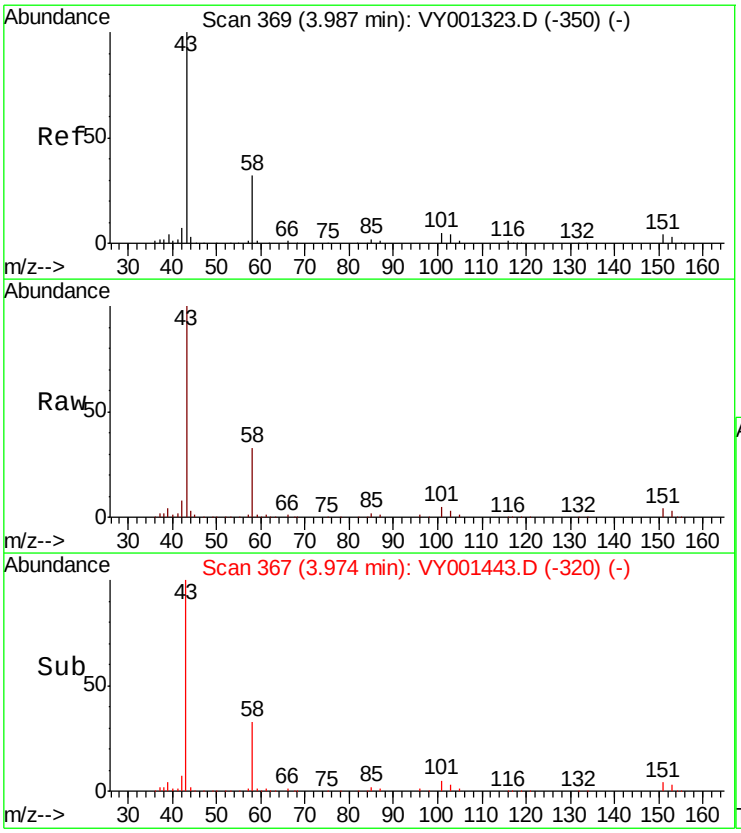

#15
Acrylonitrile
Concen: 285.504 ug/l
RT: 5.20 min Scan# 568
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 53 Resp: 163459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.8 | 65.3 | 97.9 |
| 51 | 34.8 | 28.4 | 42.6 |

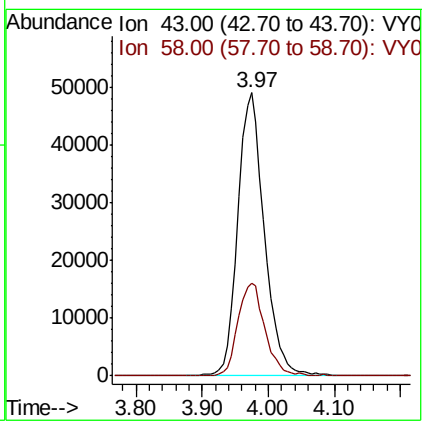


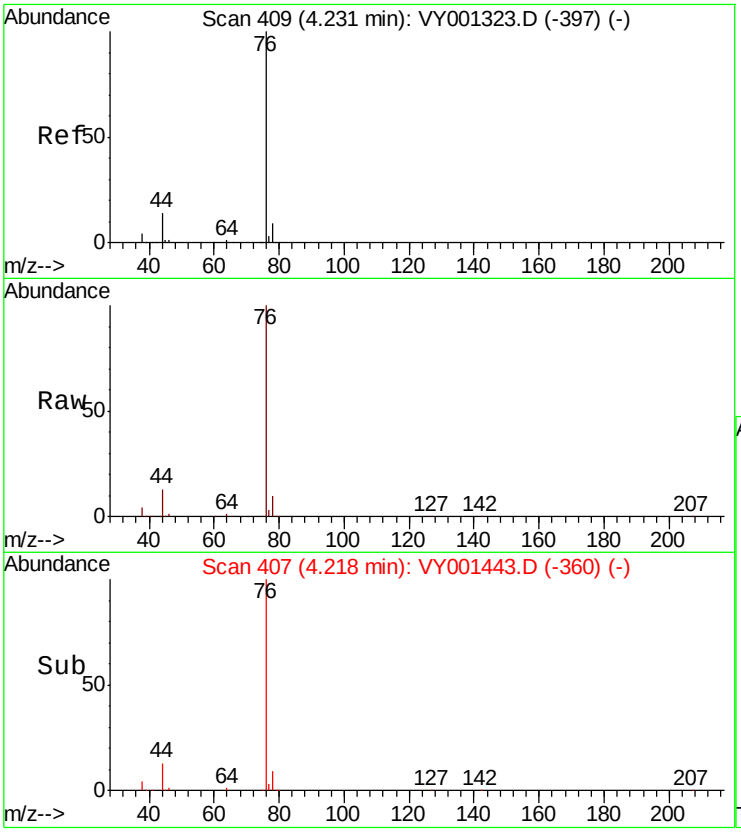




#16
Acetone
Concen: 287.634 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 43 Resp: 136840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.8 | 25.4 | 38.0 |



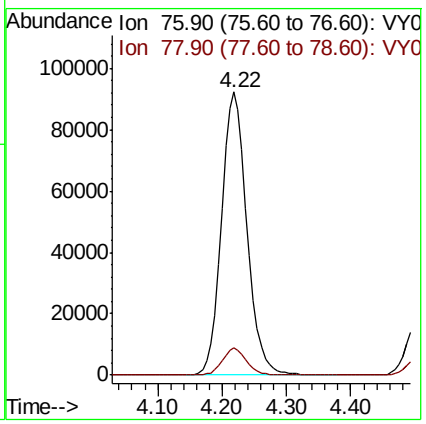


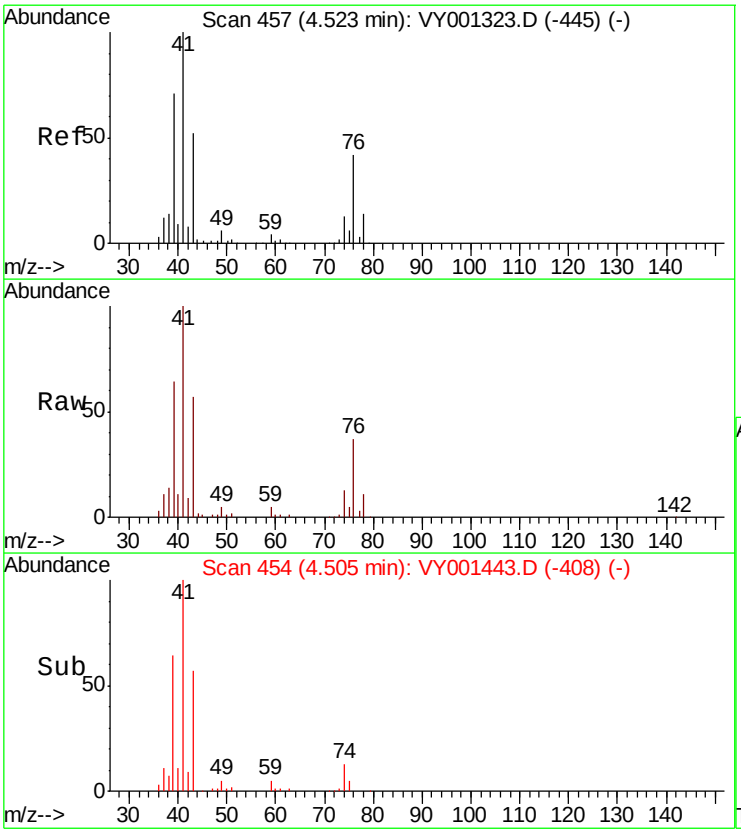

#17
Carbon Disulfide
Concen: 46.026 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 76 Resp: 256094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.7 | 7.0 | 10.6 |

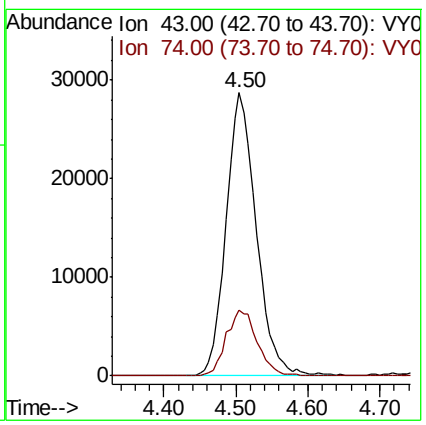


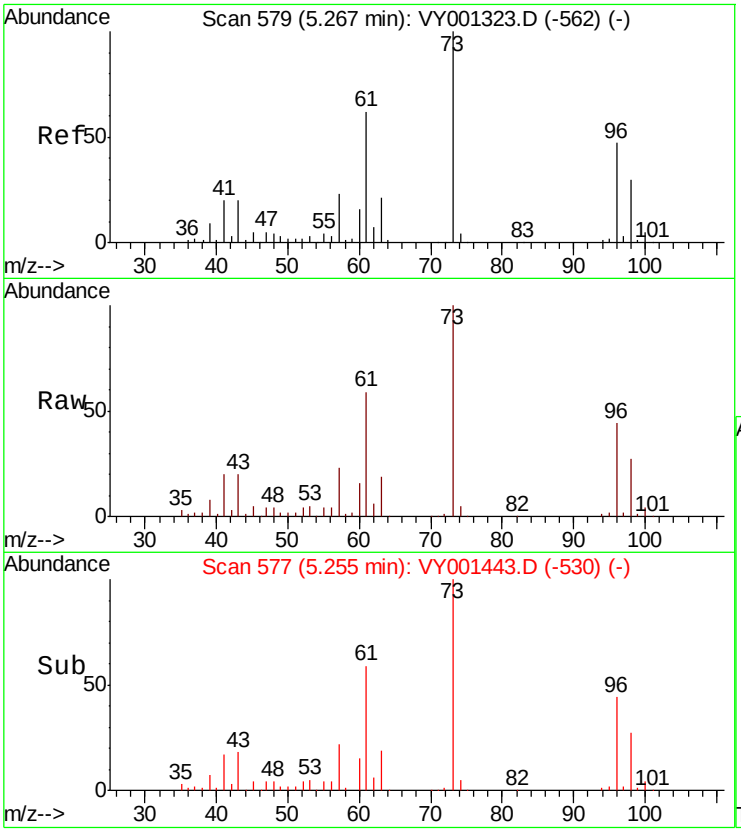




#18
Methyl Acetate
Concen: 54.670 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 43 Resp: 83593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.0 | 19.4 | 29.2 |



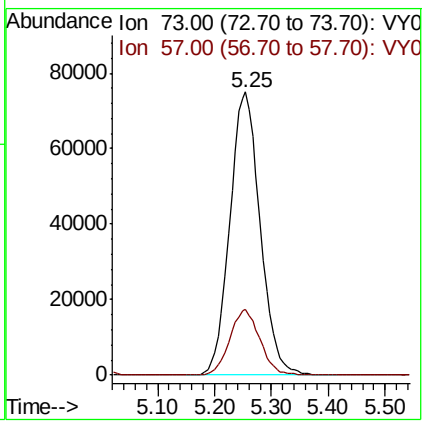


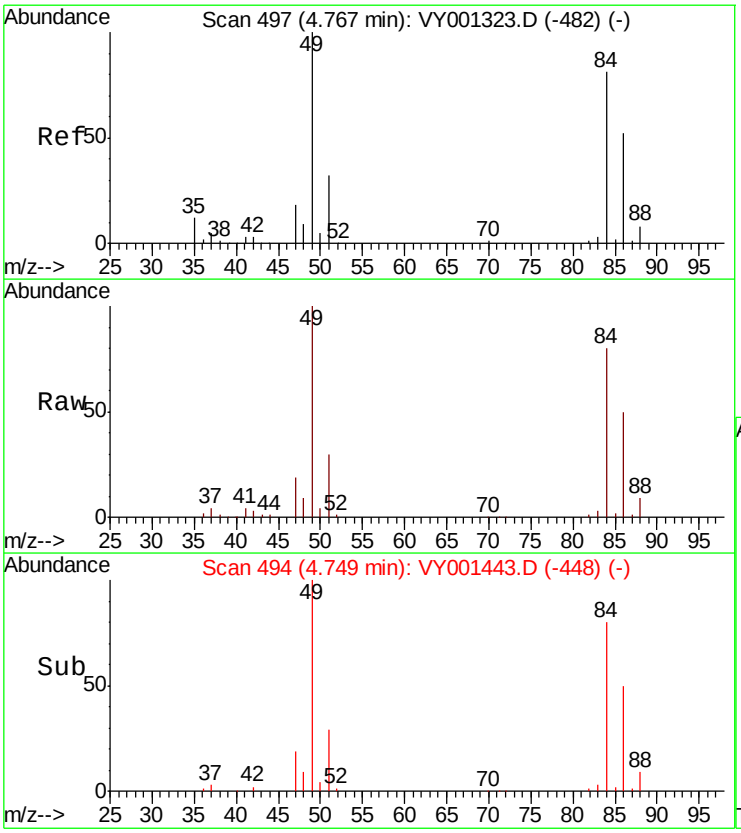

#19
Methyl tert-butyl Ether
Concen: 53.707 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 73 Resp: 278209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.1 | 18.2 | 27.2 |

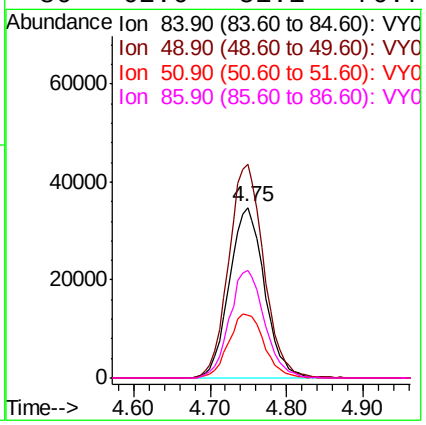


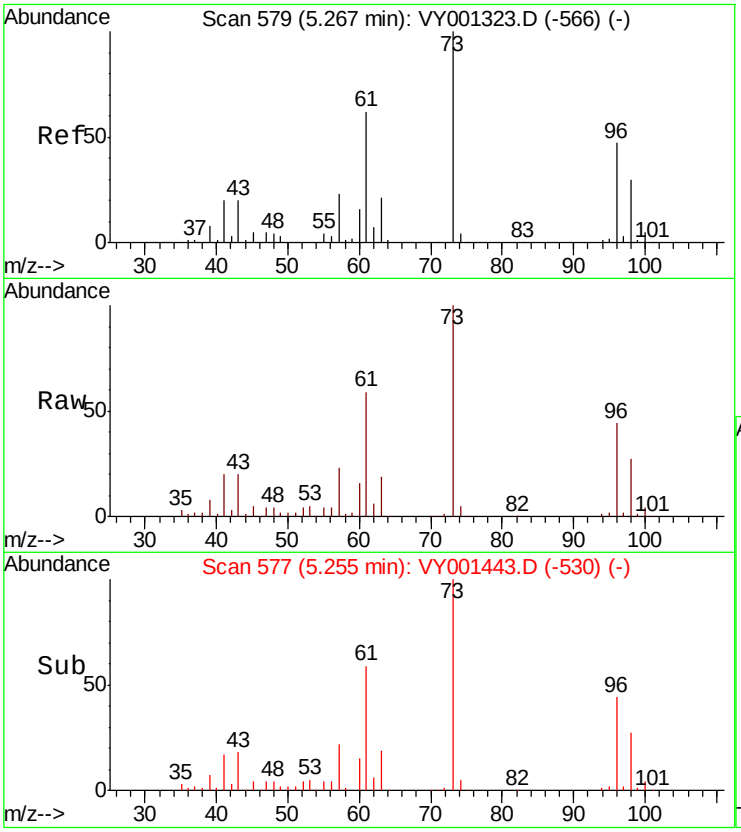




#20
Methylene Chloride
Concen: 49.394 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 84 Resp: 110709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 125.0 | 98.3 | 147.5 |
| 51 | 37.1 | 31.6 | 47.4 |
| 86 | 62.6 | 51.1 | 76.7 |



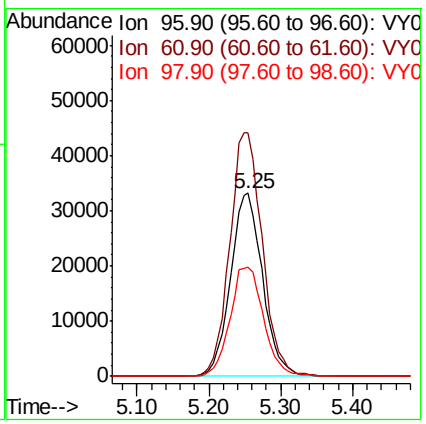


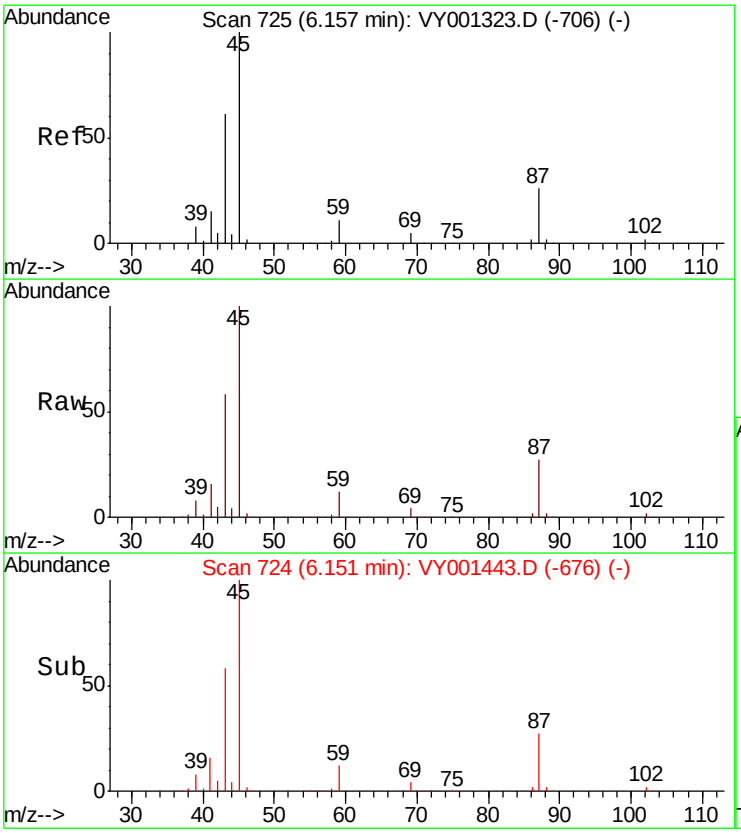

#21
trans-1,2-Dichloroethene
Concen: 49.815 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 96 Resp: 102372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.0 | 106.8 | 160.2 |
| 98 | 60.0 | 51.0 | 76.6 |

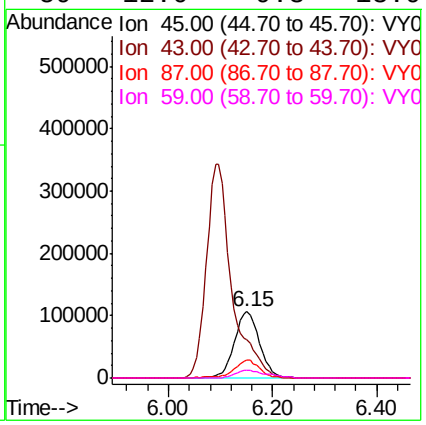


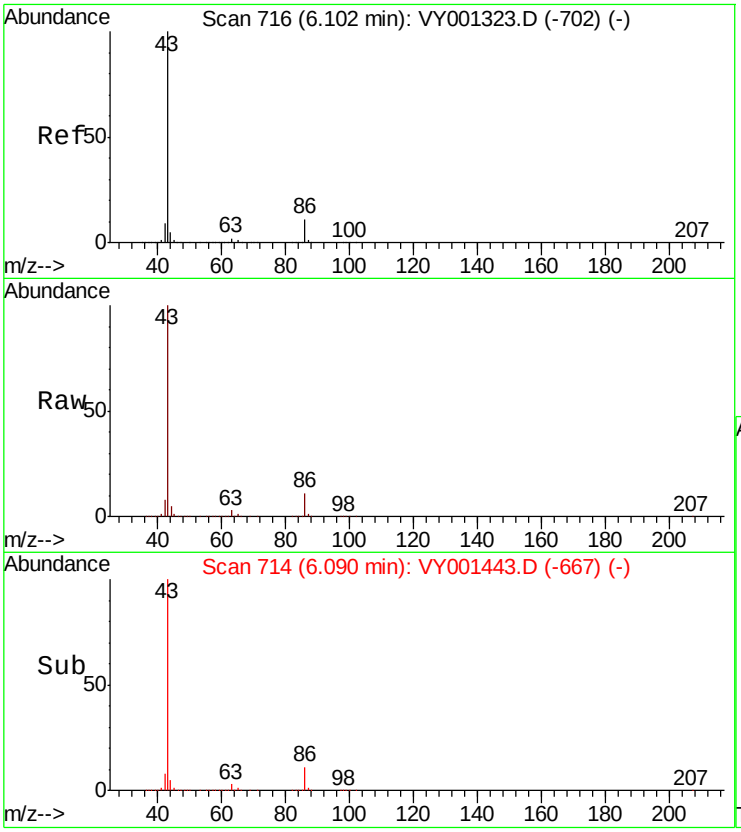




#22
Diisopropyl ether
Concen: 53.016 ug/l
RT: 6.15 min Scan# 724
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 45 Resp: 355185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.7 | 49.2 | 73.8 |
| 87 | 26.5 | 21.4 | 32.2 |
| 59 | 12.0 | 9.3 | 13.9 |



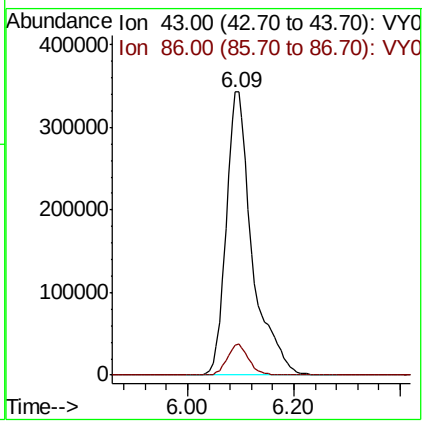


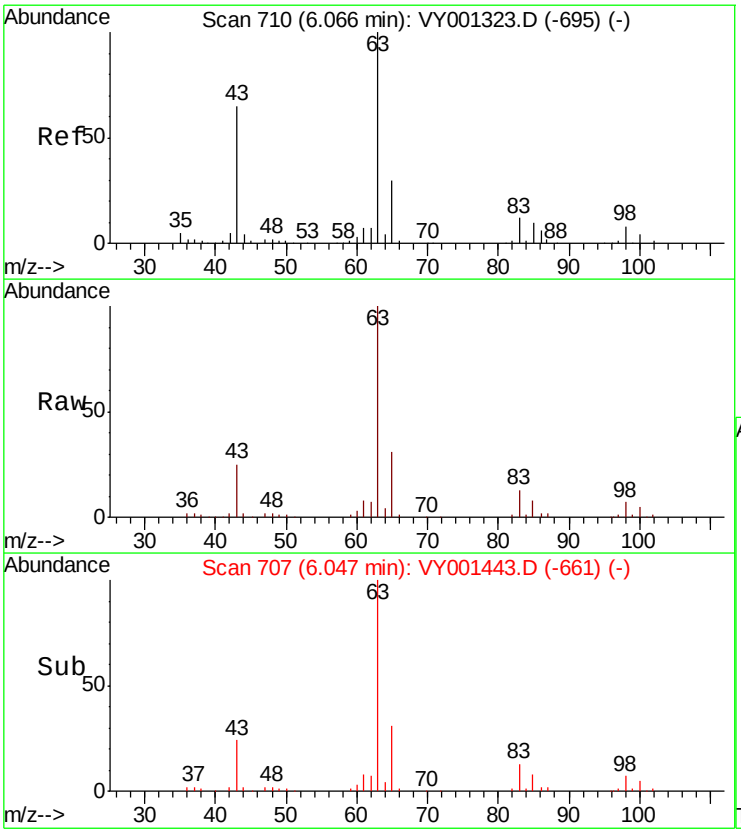

#23
Vinyl Acetate
Concen: 269.076 ug/l
RT: 6.09 min Scan# 714
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 43 Resp: 1170326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.5 | 8.6 | 13.0 |

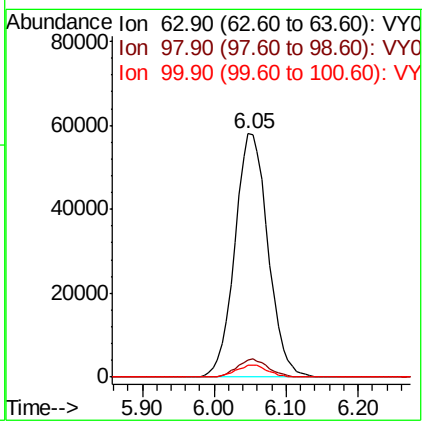


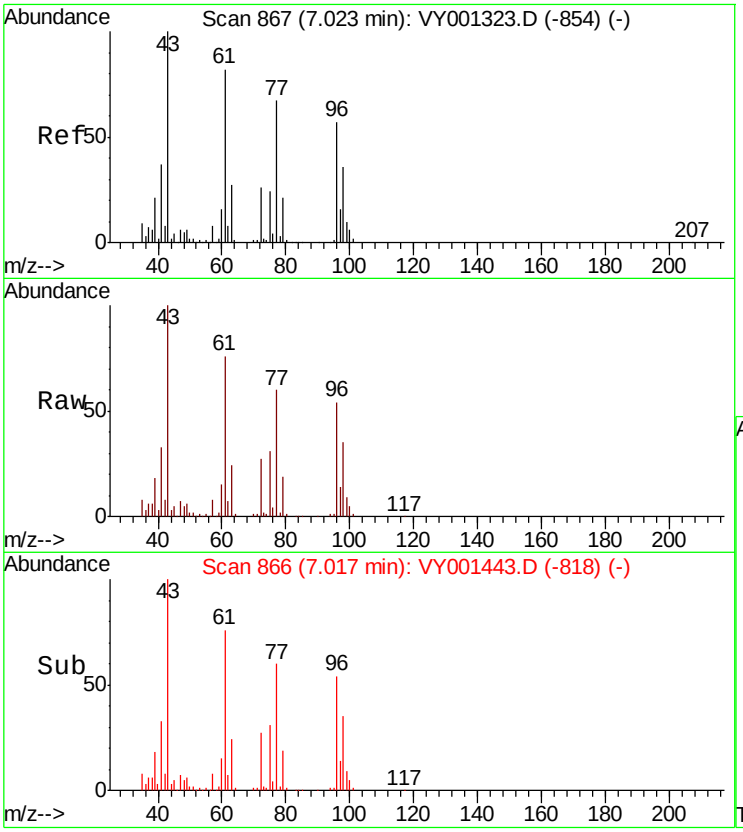




#24
1,1-Dichloroethane
Concen: 52.485 ug/l
RT: 6.05 min Scan# 707
Delta R.T. -0.02 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 63 Resp: 185341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 4.0 | 12.0 |
| 100 | 4.7 | 2.1 | 6.3 |



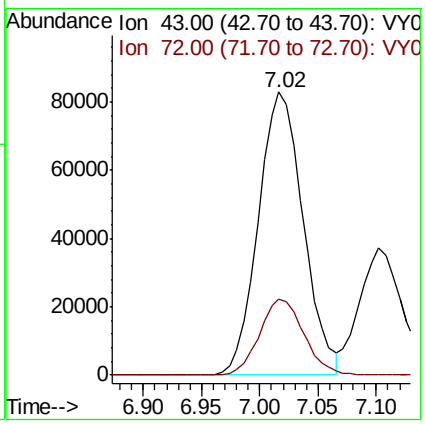


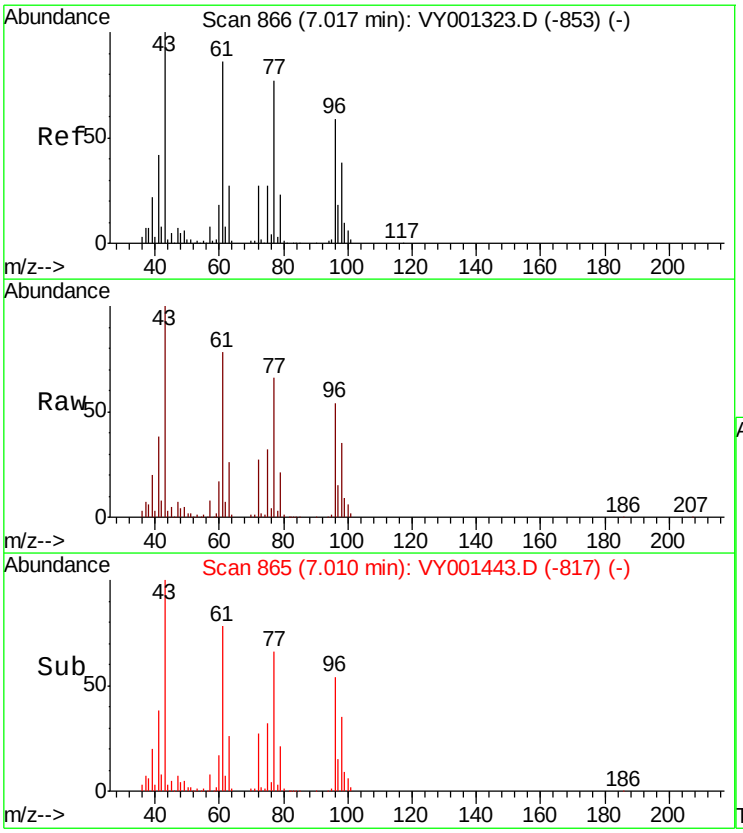

#25
2-Butanone
Concen: 280.300 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 43 Resp: 221209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.0 | 20.6 | 31.0 |

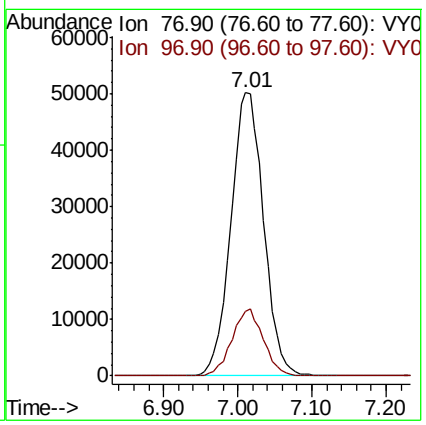


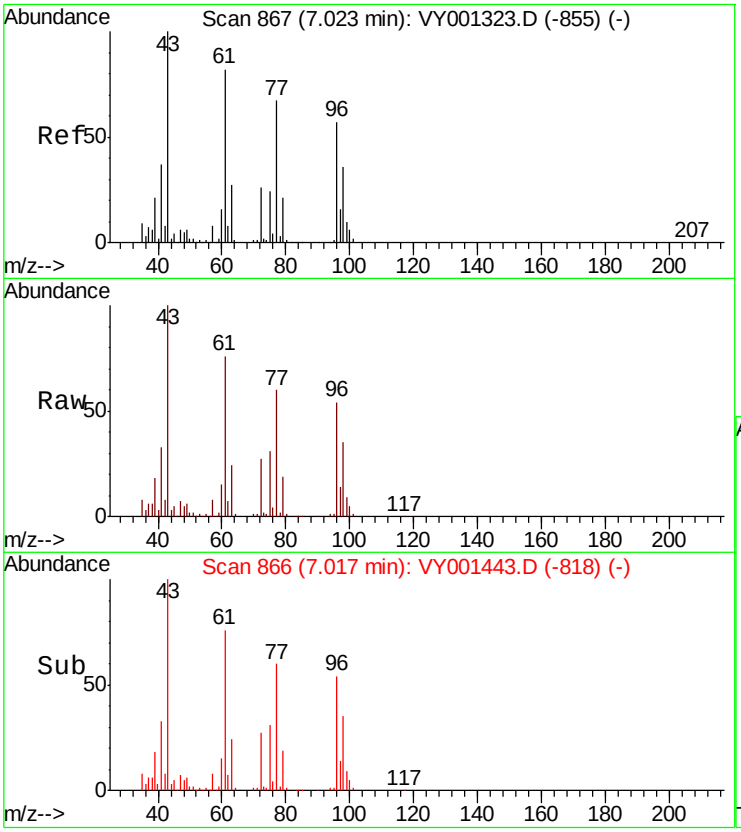




#26
2,2-Dichloropropane
Concen: 49.189 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 77 Resp: 154726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.7 | 11.9 | 35.5 |



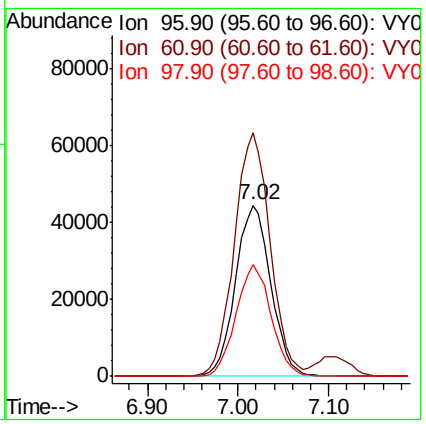


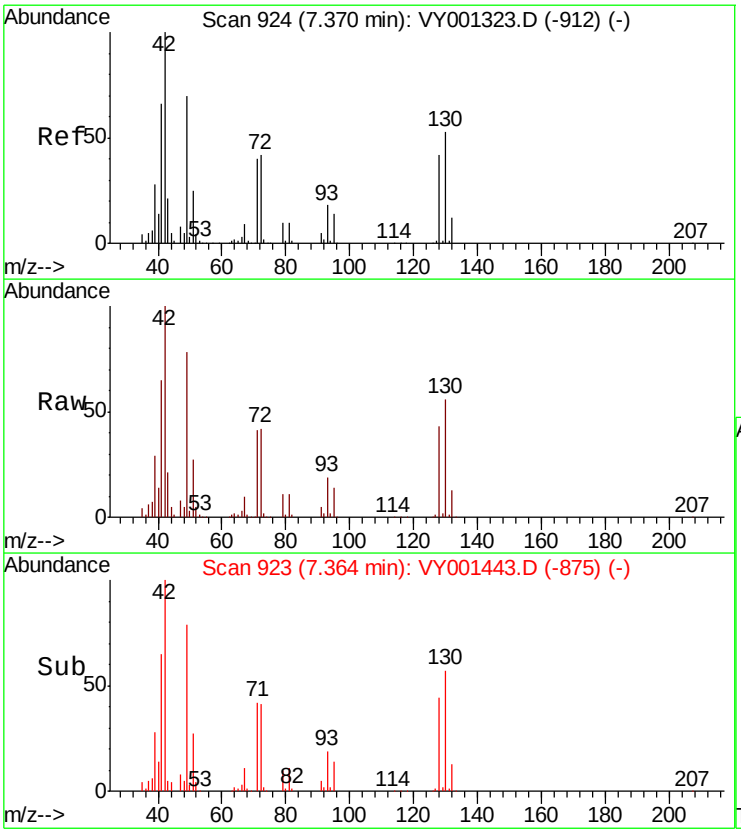

#27
cis-1,2-Dichloroethene
Concen: 52.315 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 96 Resp: 120153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.3 | 0.0 | 284.8 |
| 98 | 64.6 | 0.0 | 128.4 |

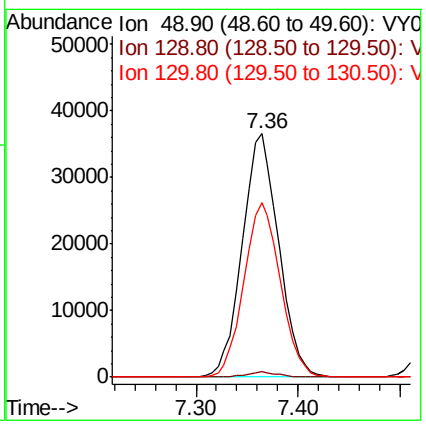


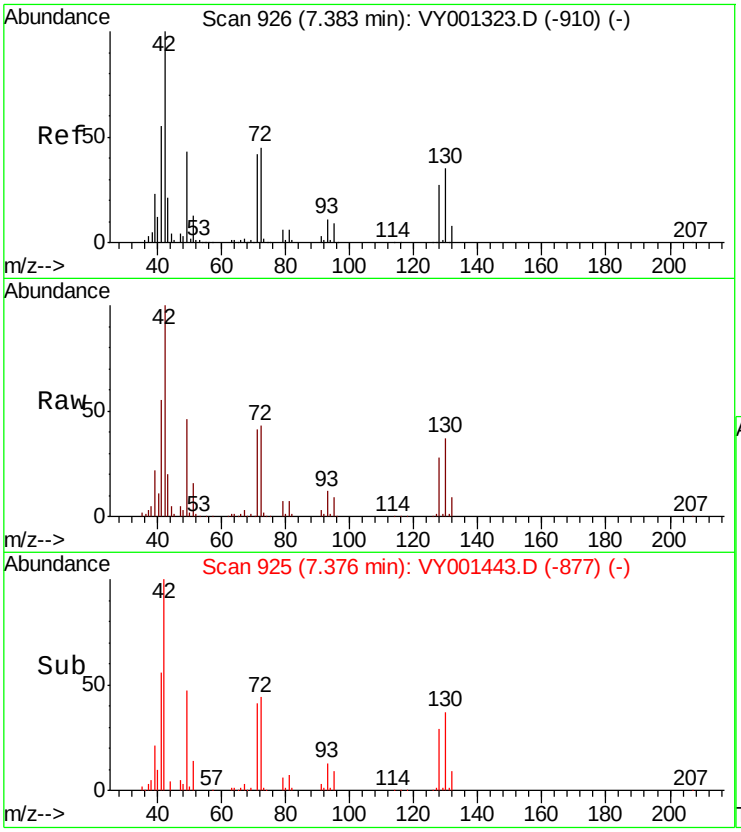




#28
Bromochloromethane
Concen: 62.500 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 49 Resp: 91019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 4.0 |
| 130 | 71.9 | 58.9 | 88.3 |



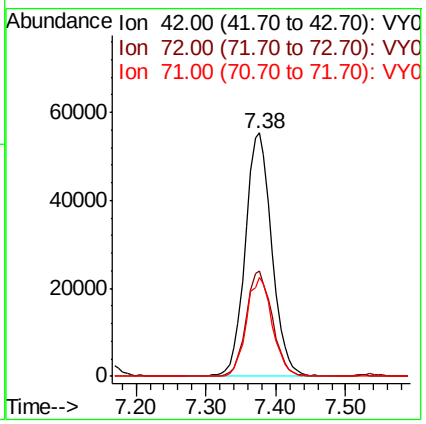


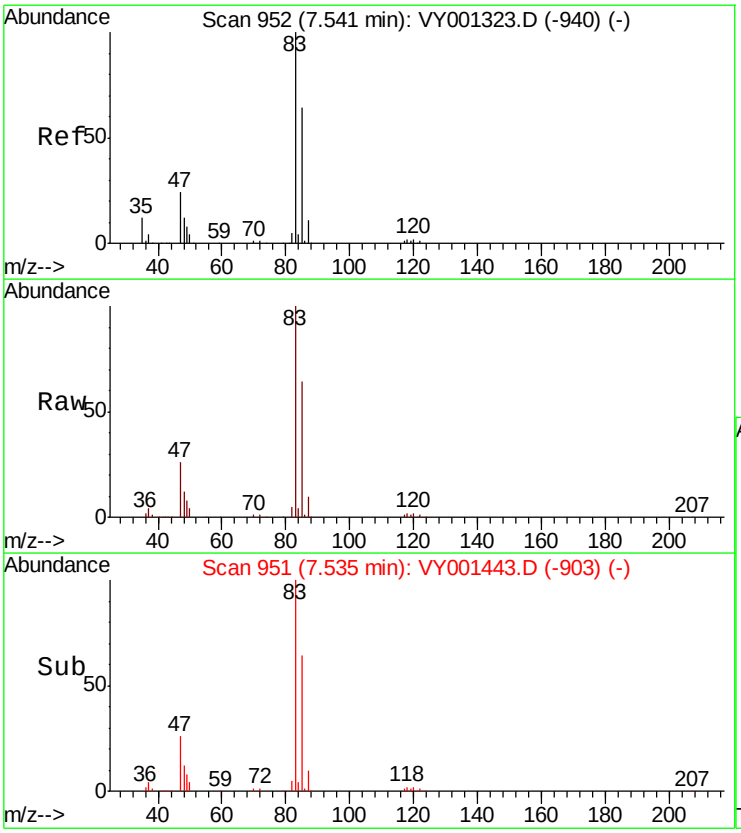

#29
Tetrahydrofuran
Concen: 284.839 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 42 Resp: 146246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 42.3 | 34.6 | 51.8 |
| 71 | 39.4 | 32.6 | 48.8 |

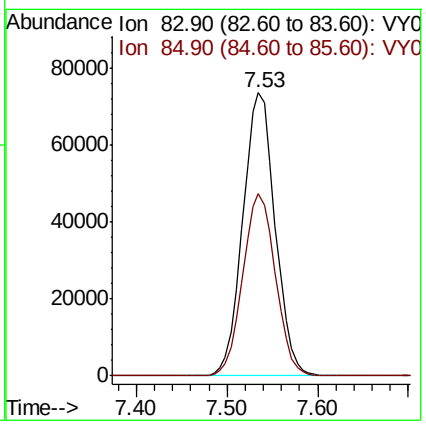


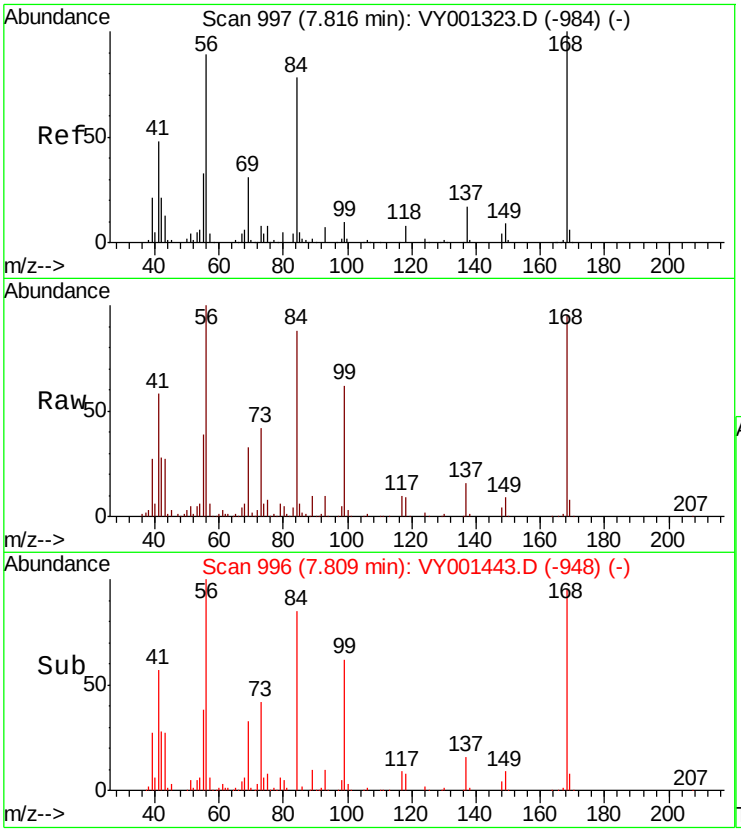




#30
Chloroform
Concen: 52.383 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 83 Resp: 181314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 51.5 | 77.3 |



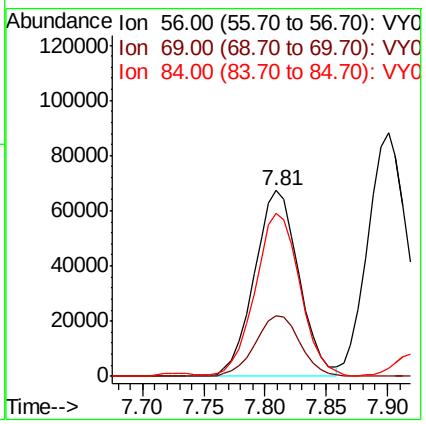


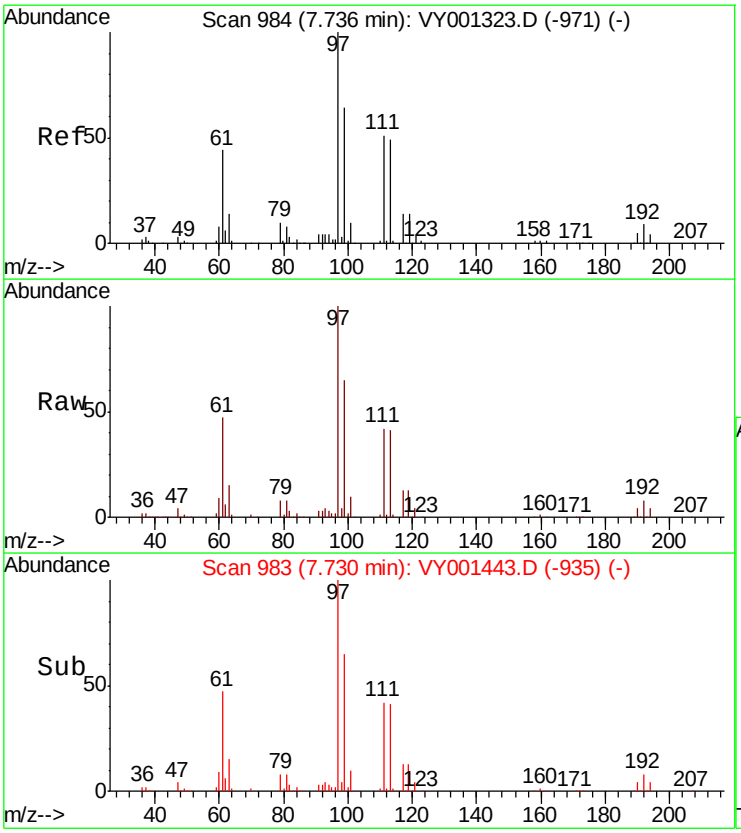

#31
Cyclohexane
Concen: 48.628 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 56 Resp: 170497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.8 | 27.6 | 41.4 |
| 84 | 86.4 | 69.7 | 104.5 |

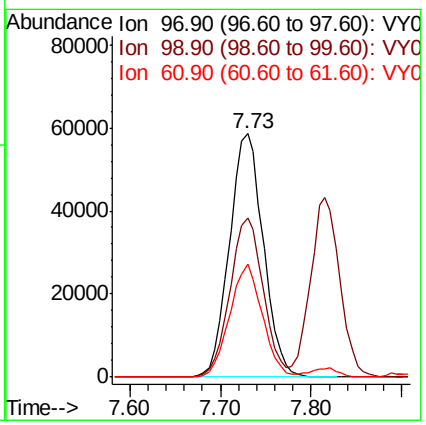


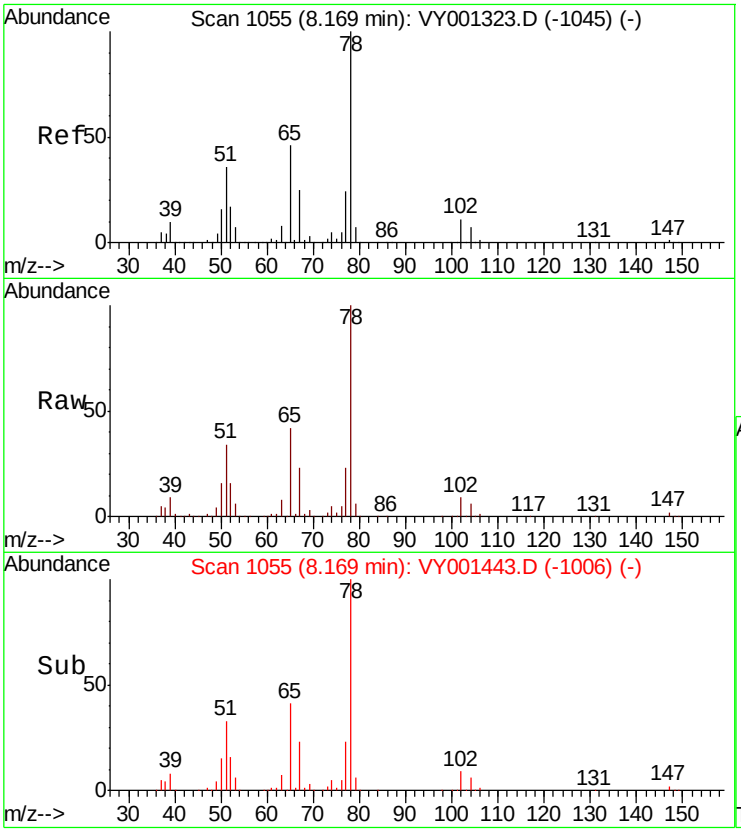




#32
1,1,1-Trichloroethane
Concen: 51.829 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 97 Resp: 151475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.2 | 51.3 | 76.9 |
| 61 | 44.7 | 35.9 | 53.9 |



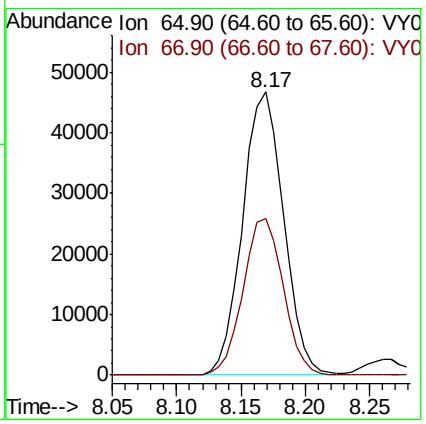


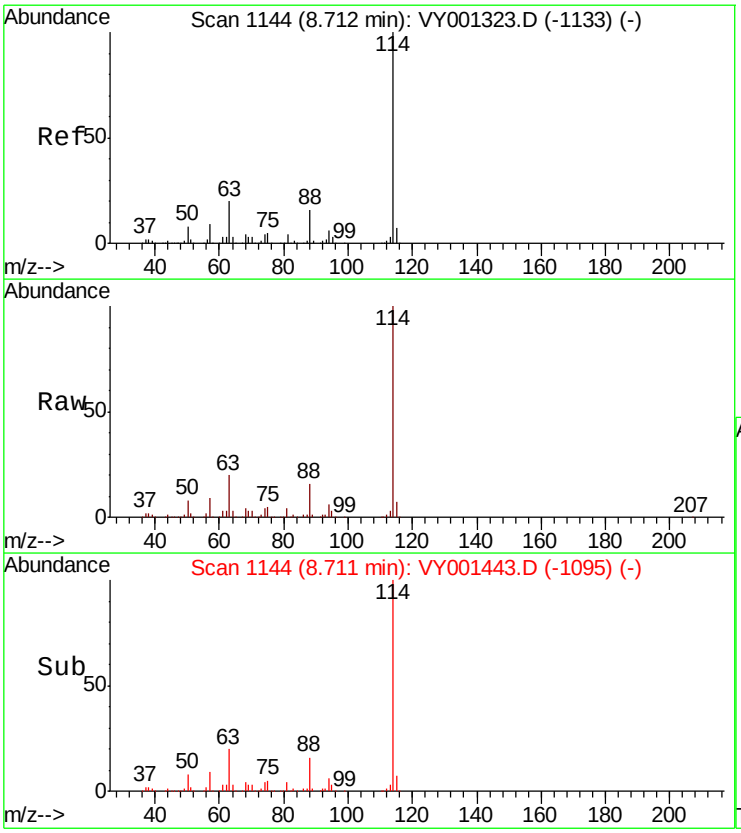

#33
1,2-Dichloroethane-d4
Concen: 56.980 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 65 Resp: 103314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.2 | 0.0 | 108.6 |

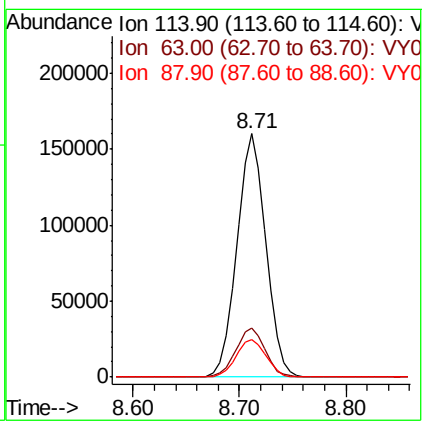


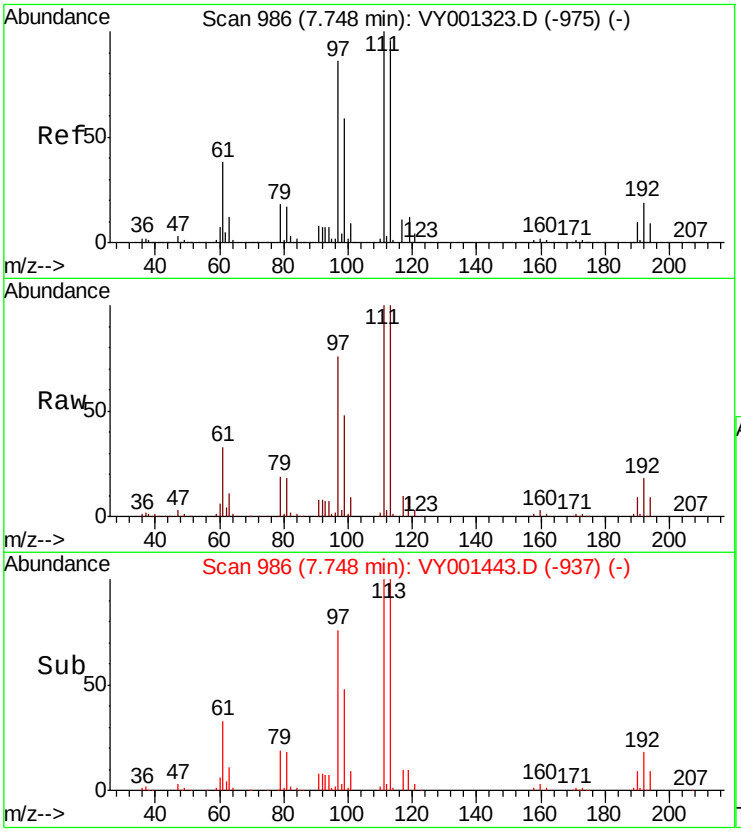




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:114 Resp: 305307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 40.8 |
| 88 | 15.6 | 0.0 | 31.0 |



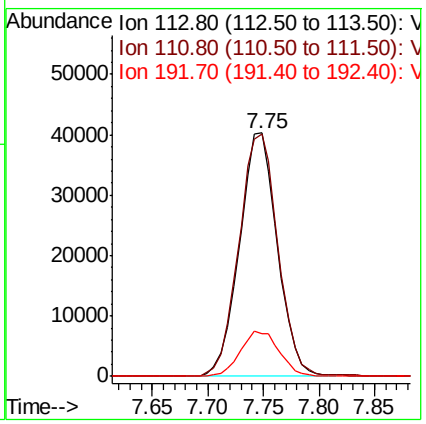


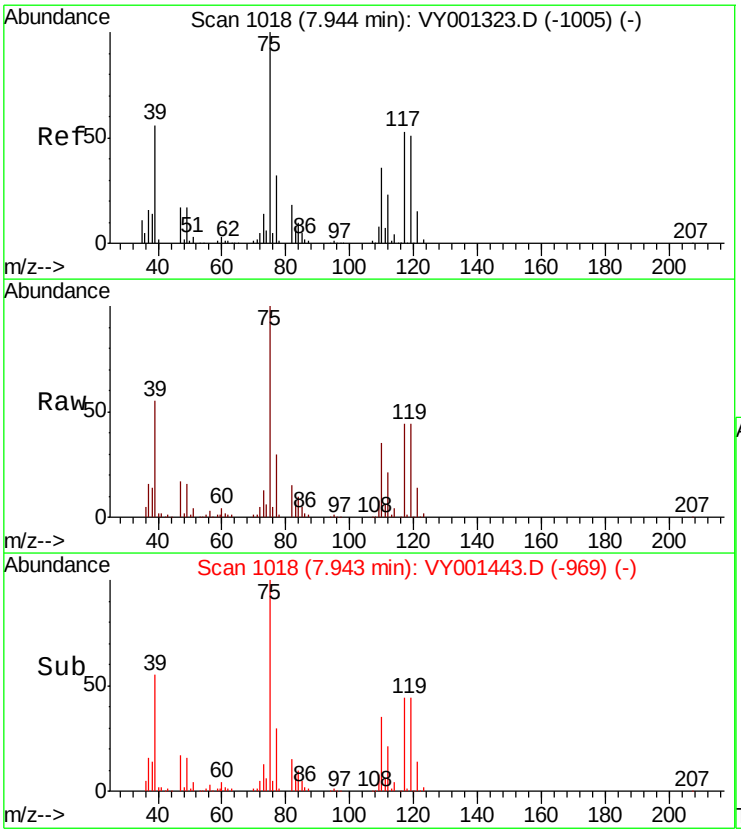

#35
Dibromofluoromethane
Concen: 53.213 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:113 Resp: 95352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 82.8 | 124.2 |
| 192 | 19.0 | 15.5 | 23.3 |

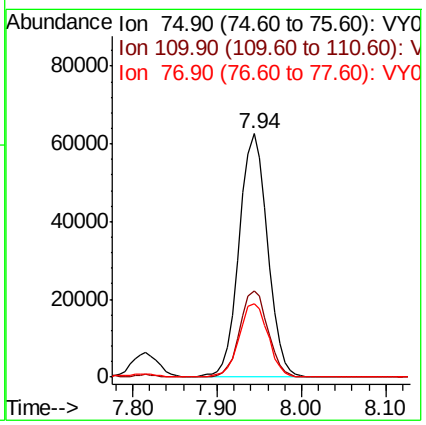


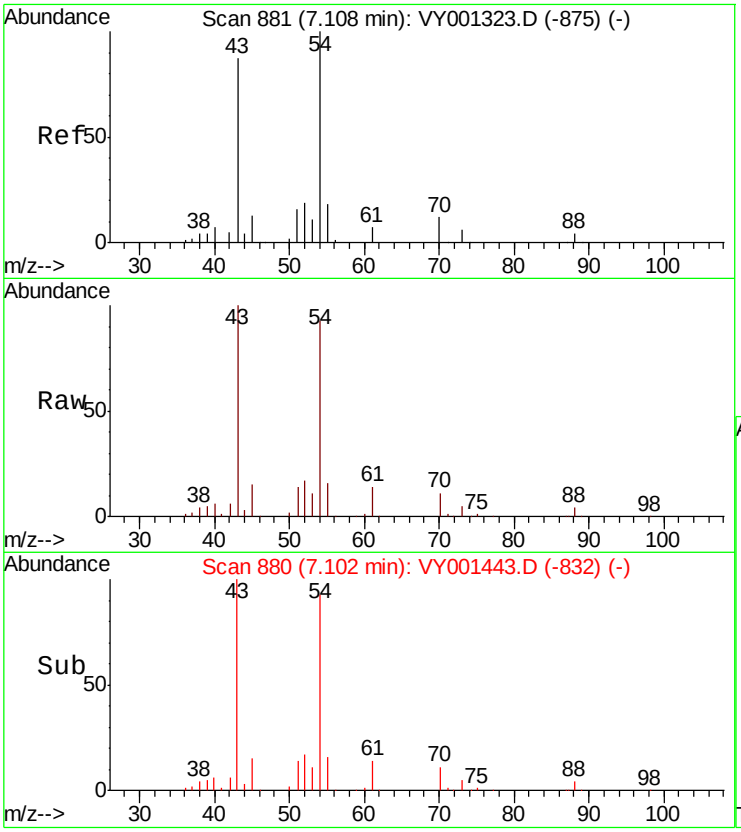




#36
1,1-Dichloropropene
Concen: 49.200 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 75 Resp: 141913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.2 | 17.6 | 52.8 |
| 77 | 30.8 | 24.7 | 37.1 |



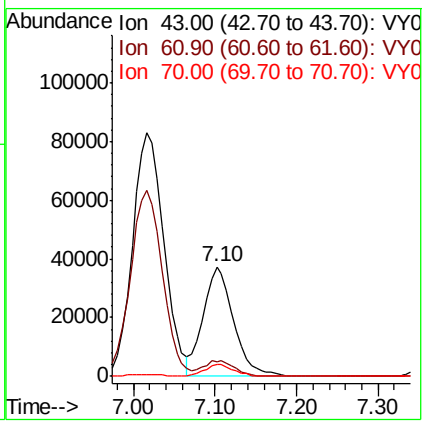


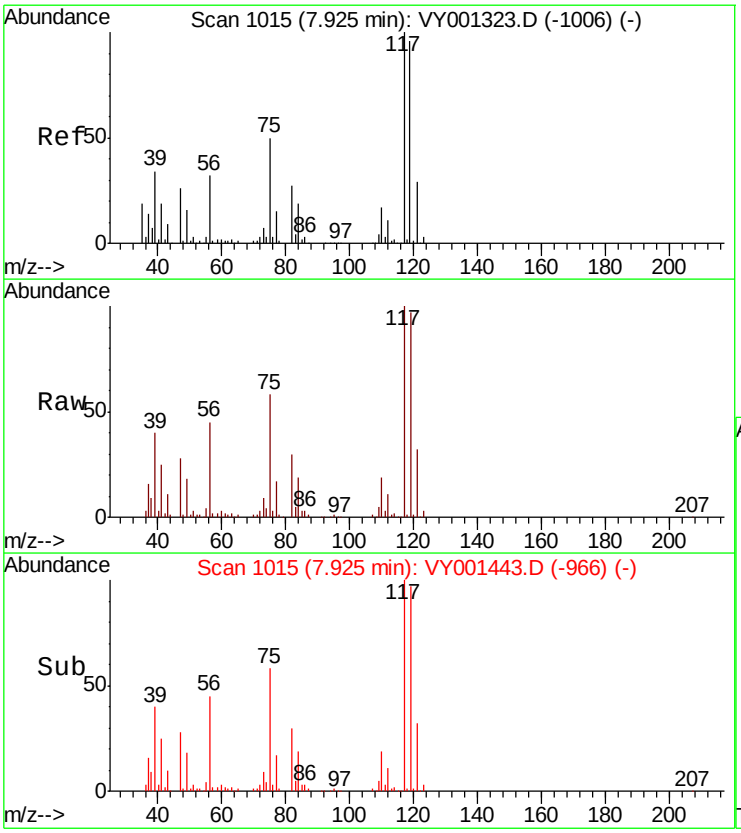

#37
Ethyl Acetate
Concen: 55.245 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 43 Resp: 97357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.4 | 11.3 | 16.9 |
| 70 | 10.7 | 8.7 | 13.1 |

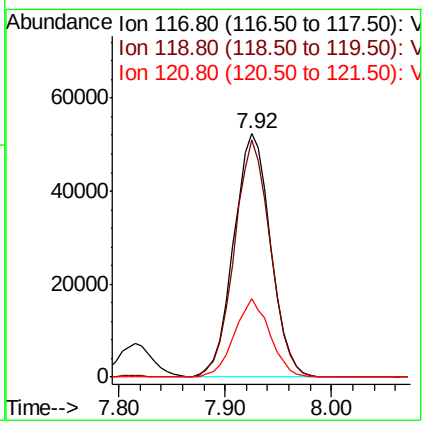


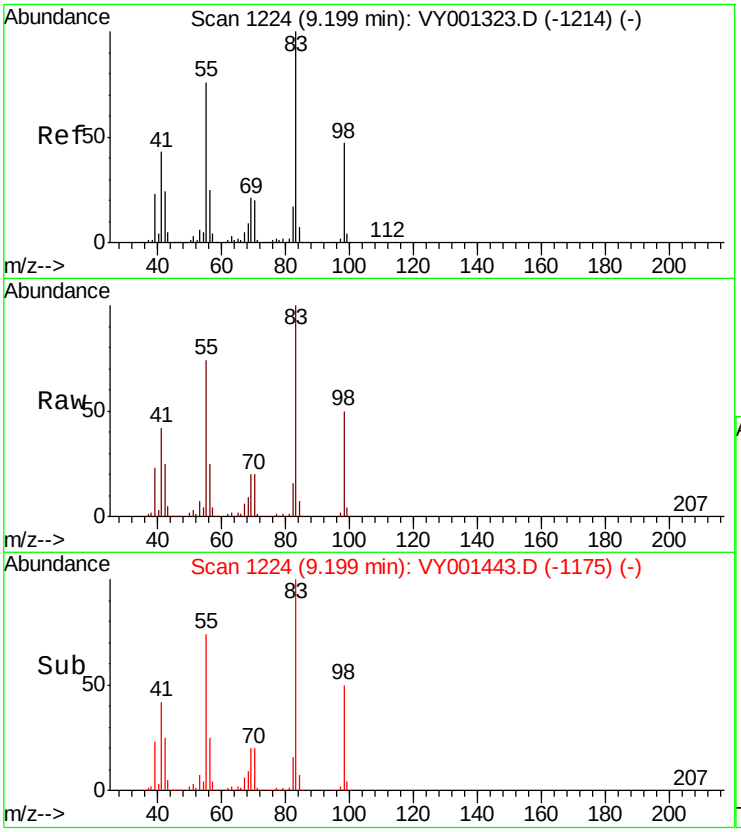




#38
Carbon Tetrachloride
Concen: 49.674 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:117 Resp: 127693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.4 | 76.3 | 114.5 |
| 121 | 32.0 | 23.5 | 35.3 |



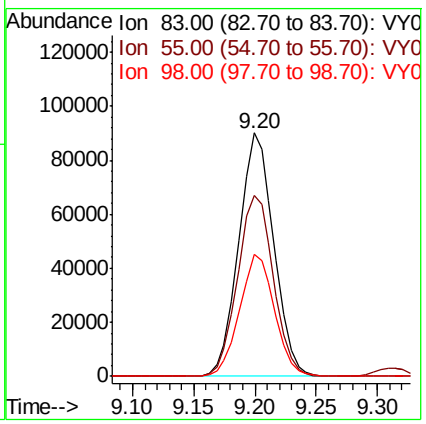


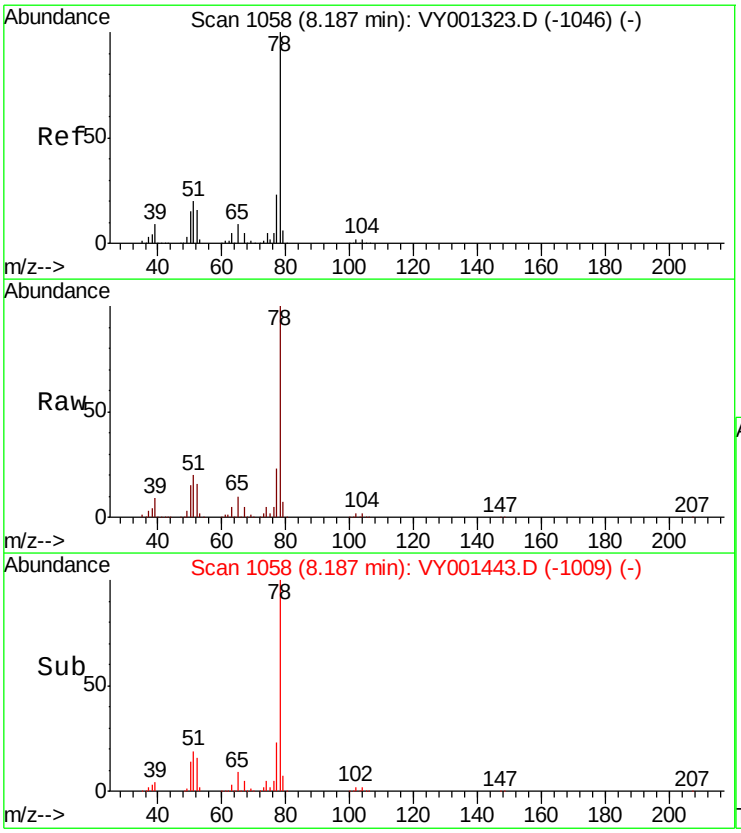

#39
Methylcyclohexane
Concen: 48.514 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 83 Resp: 179260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.2 | 60.7 | 91.1 |
| 98 | 50.3 | 37.8 | 56.8 |

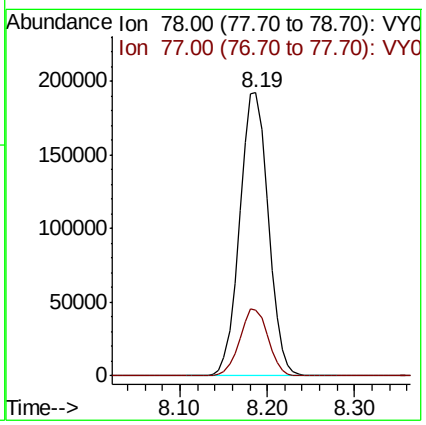


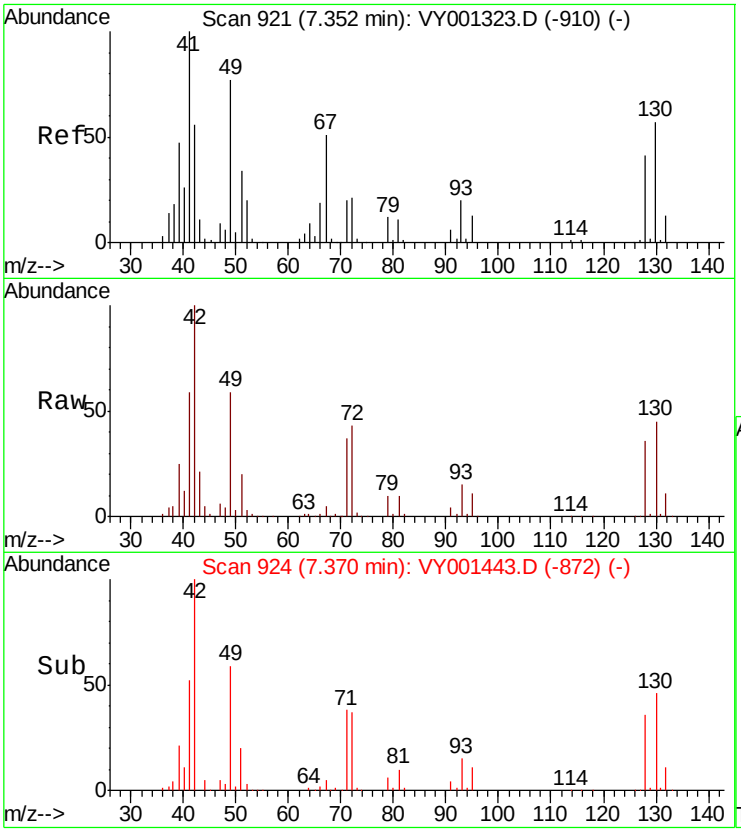




#40
Benzene
Concen: 50.567 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 78 Resp: 437332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.4 | 18.6 | 27.8 |



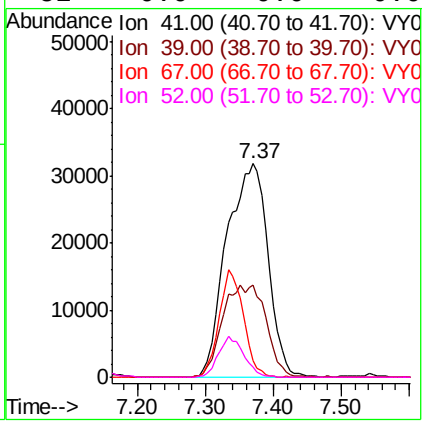


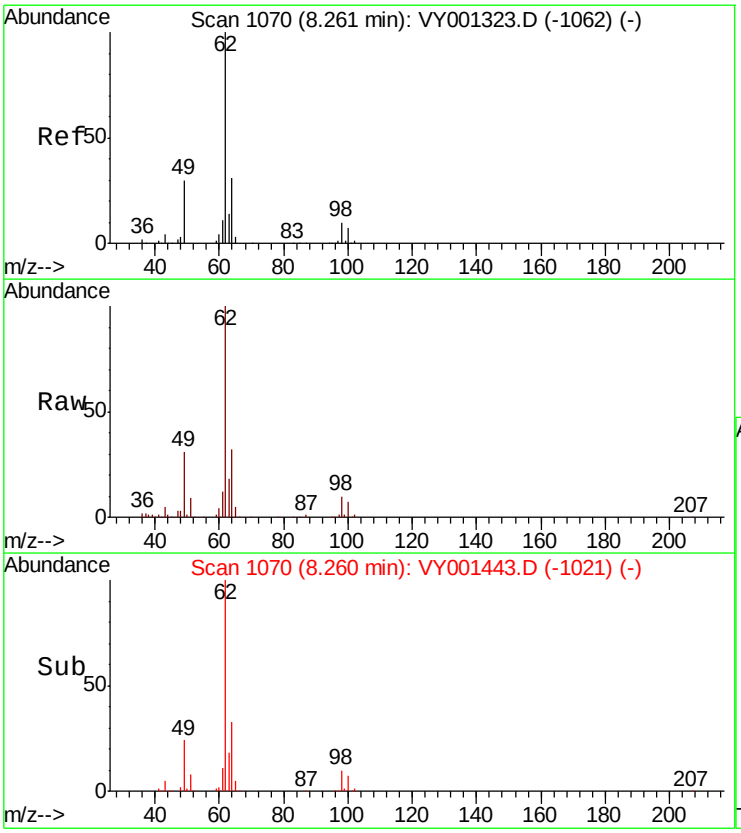

#41
Methacrylonitrile
Concen: 146.981 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 41 Resp: 133665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 24.6 | 0.0 | 0.0# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

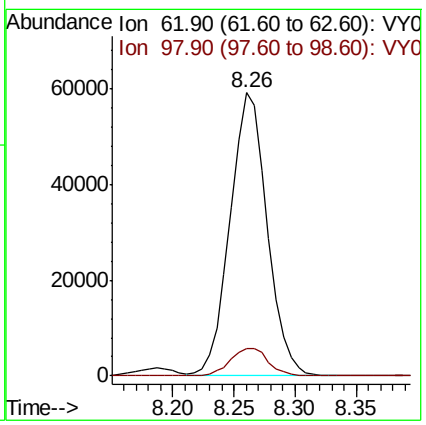


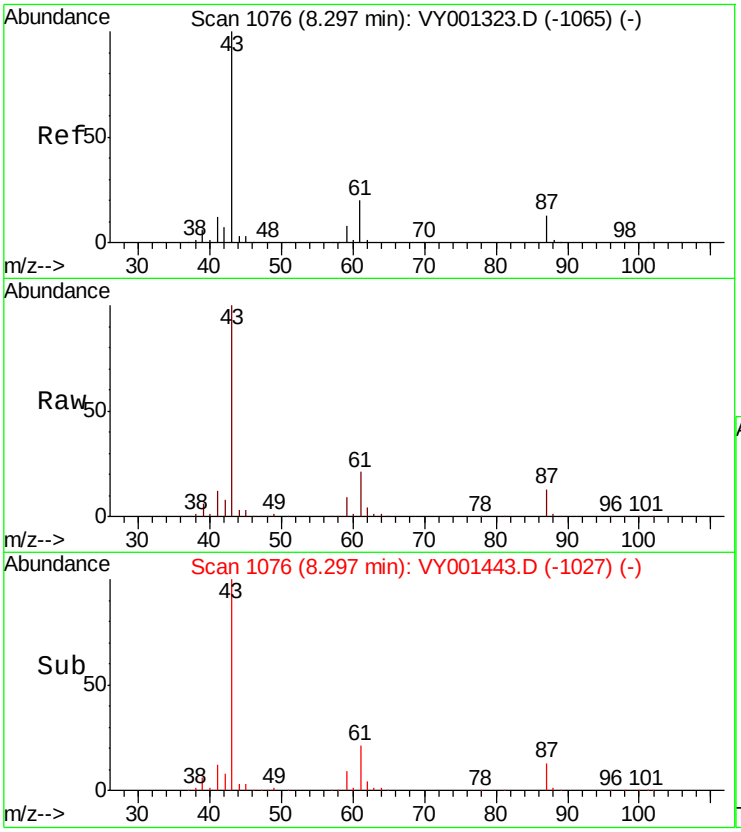




#42
1,2-Dichloroethane
Concen: 51.497 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 62 Resp: 124446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.1 | 0.0 | 20.8 |



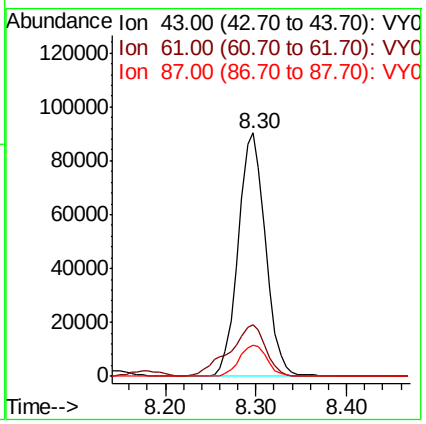


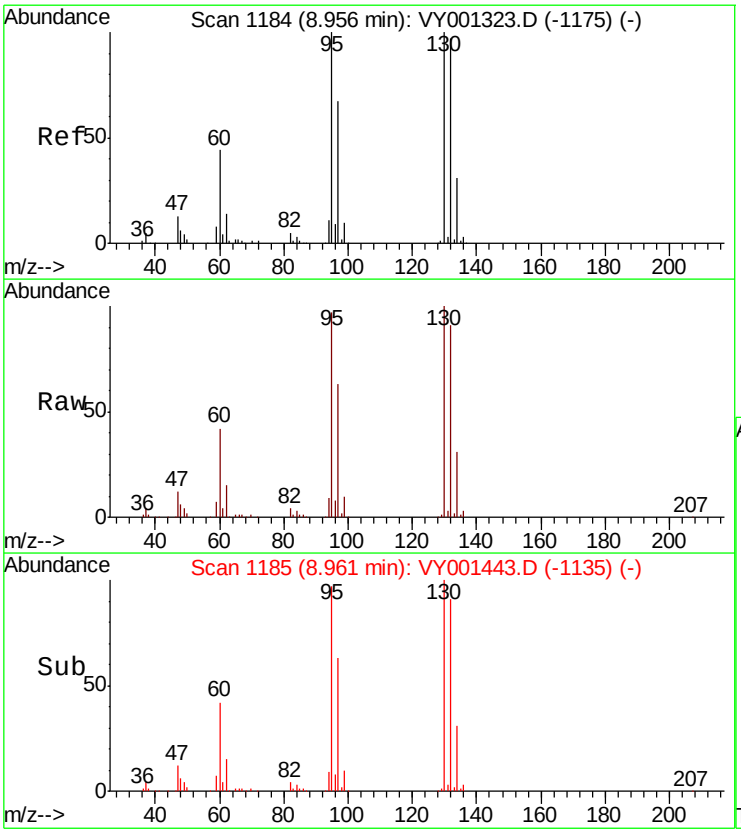

#43
Isopropyl Acetate
Concen: 54.712 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 43 Resp: 187481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.3 | 22.7 | 34.1 |
| 87 | 13.0 | 11.0 | 16.4 |

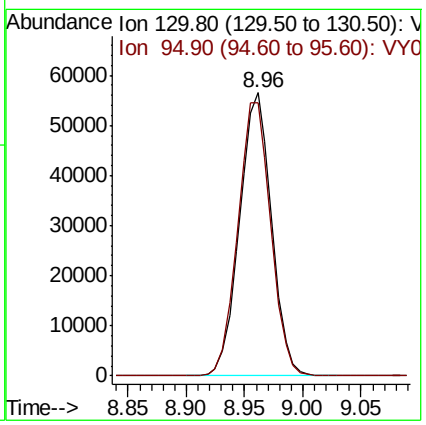


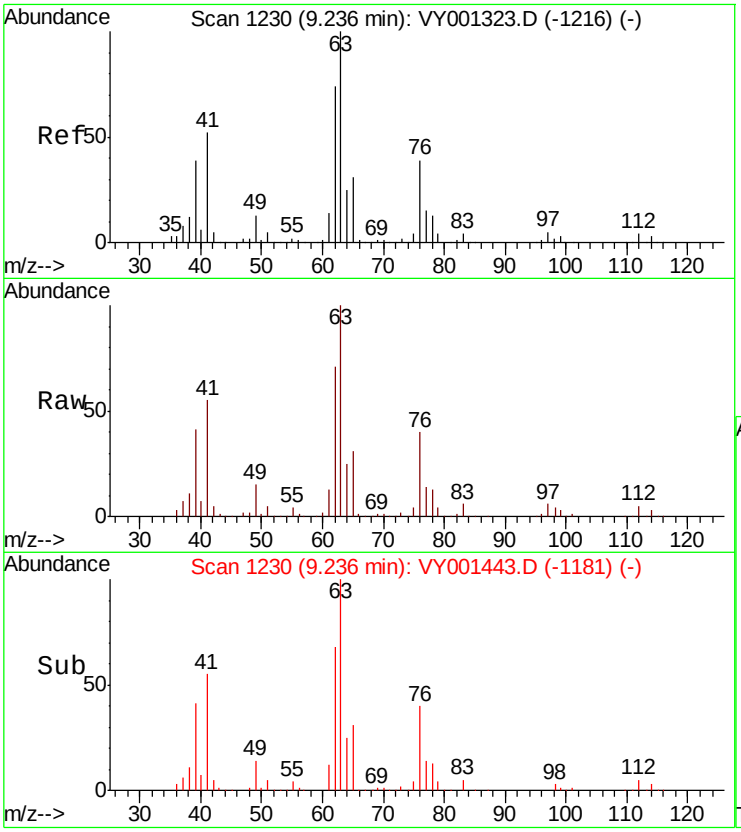




#44
Trichloroethene
Concen: 48.706 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:130 Resp: 108096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.7 | 0.0 | 200.0 |



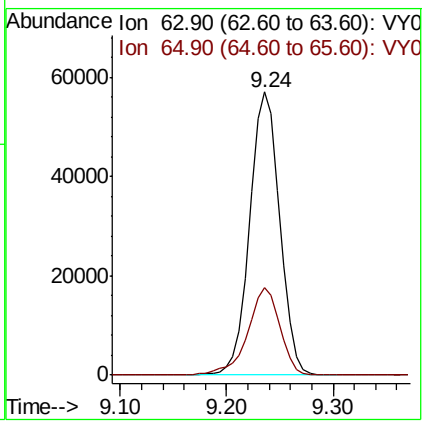


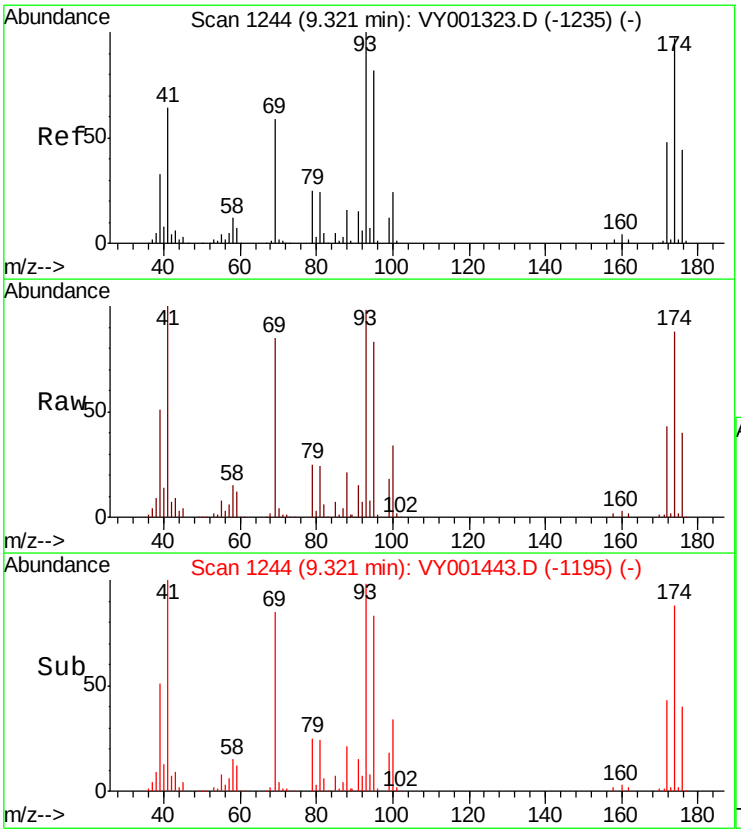

#45
1,2-Dichloropropane
Concen: 51.606 ug/l
RT: 9.24 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 63 Resp: 112827

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

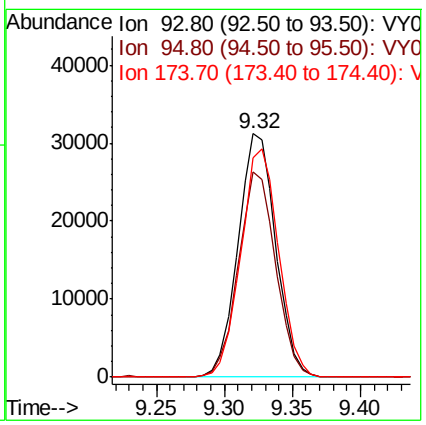


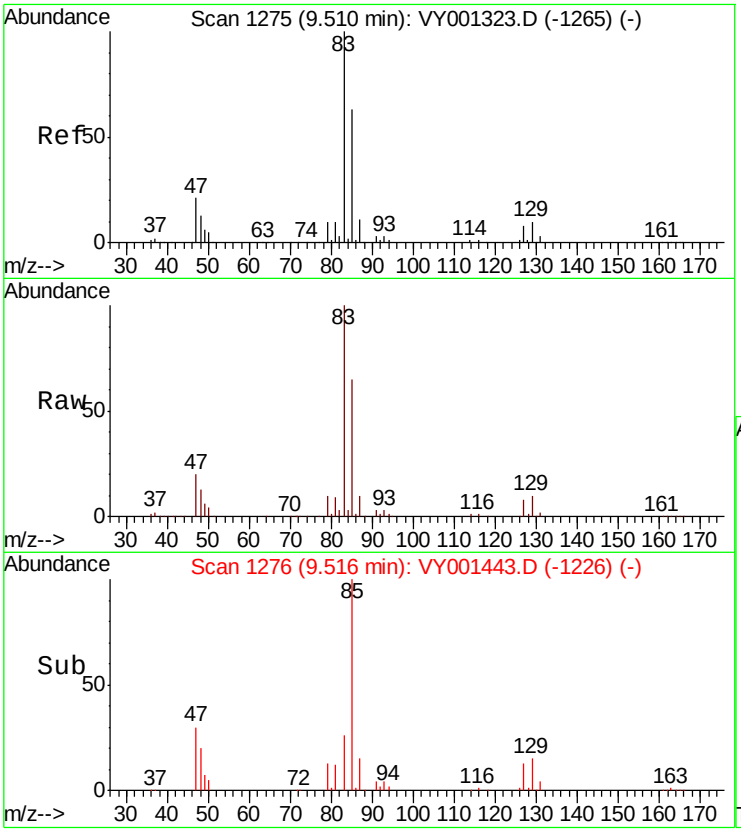




#46
Dibromomethane
Concen: 51.539 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 93 Resp: 60493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.5 | 66.5 | 99.7 |
| 174 | 94.2 | 77.9 | 116.9 |



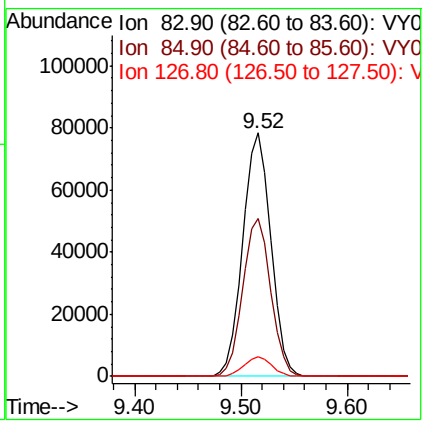


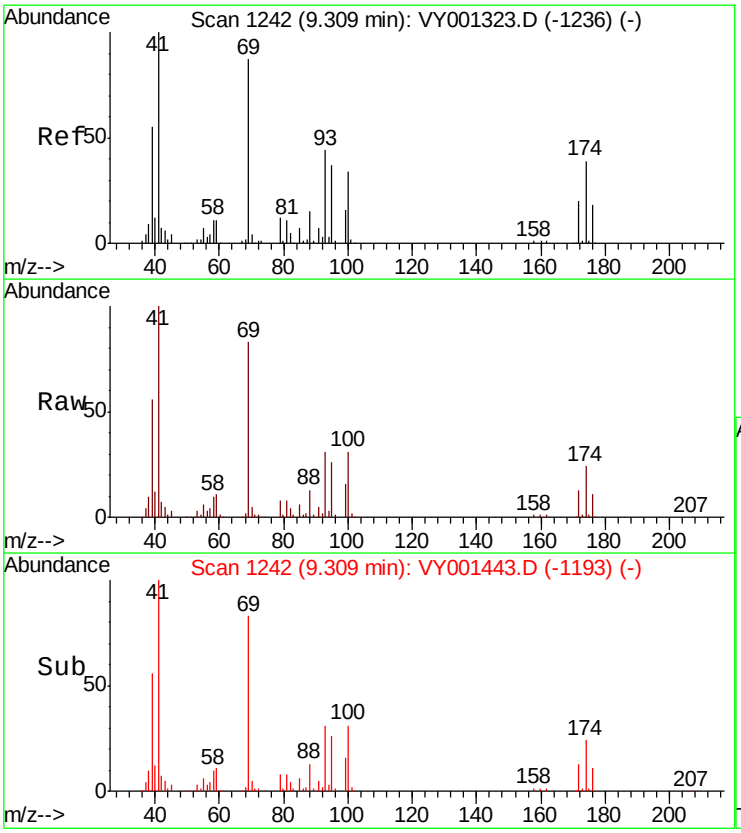

#47
Bromodichloromethane
Concen: 51.852 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 83 Resp: 145488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 50.2 | 75.2 |
| 127 | 8.1 | 6.4 | 9.6 |

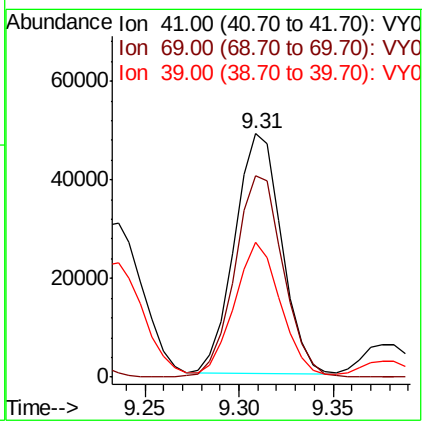


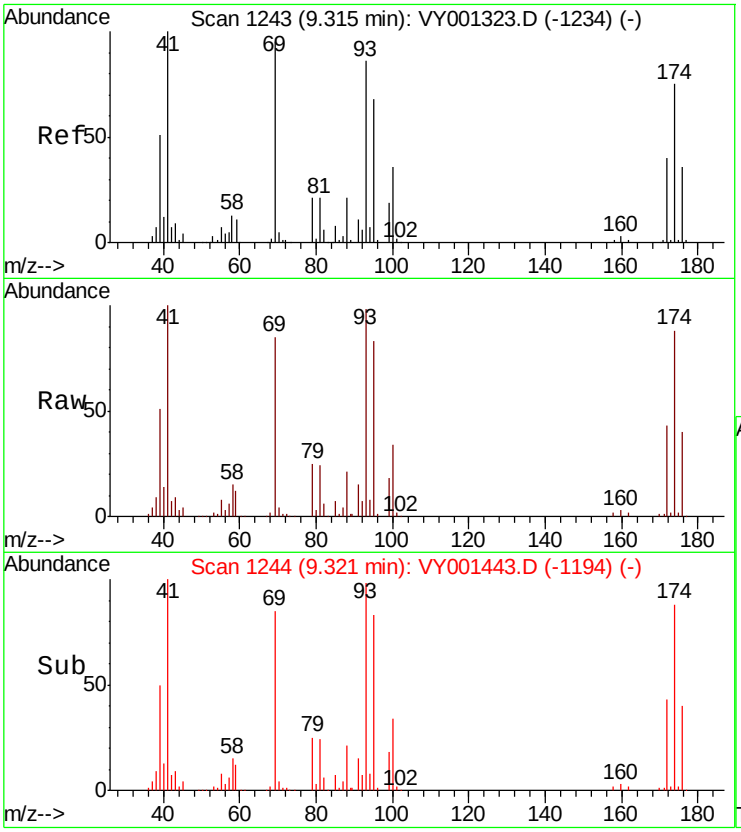




#48
Methyl methacrylate
Concen: 54.085 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 41 Resp: 84254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.9 | 70.2 | 105.4 |
| 39 | 55.6 | 45.7 | 68.5 |



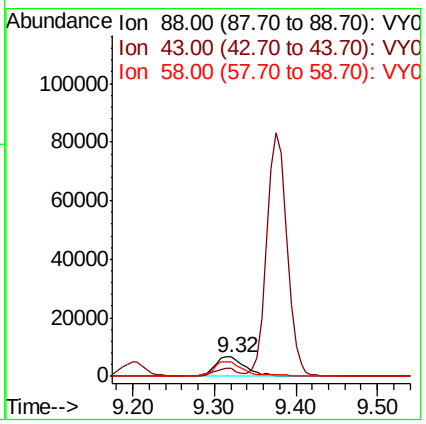


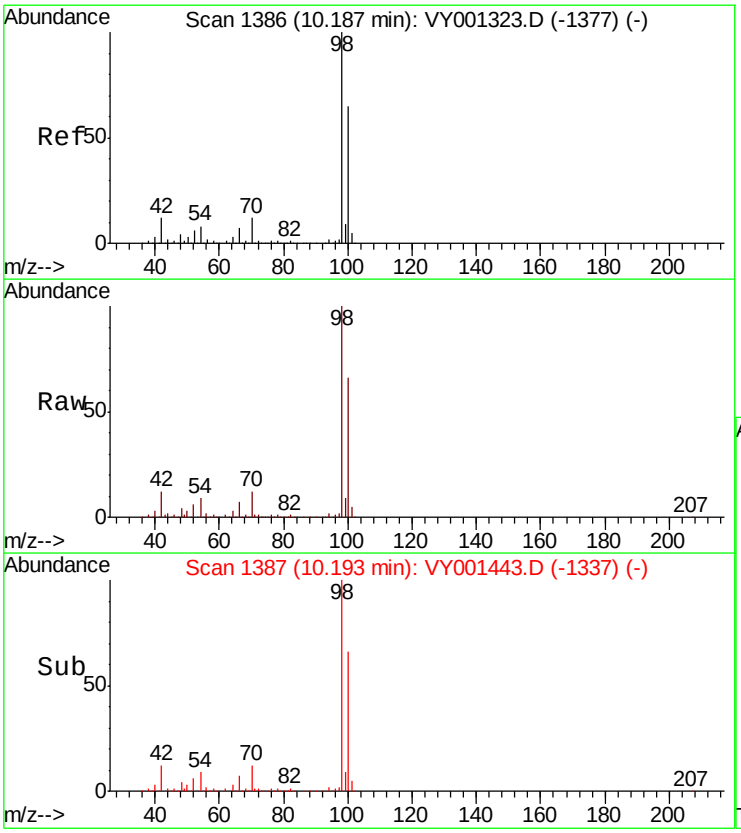

#49
1,4-Dioxane
Concen: 1074.556 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 88 Resp: 17786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 30.9 | 28.2 | 42.2 |
| 58 | 75.1 | 55.6 | 83.4 |

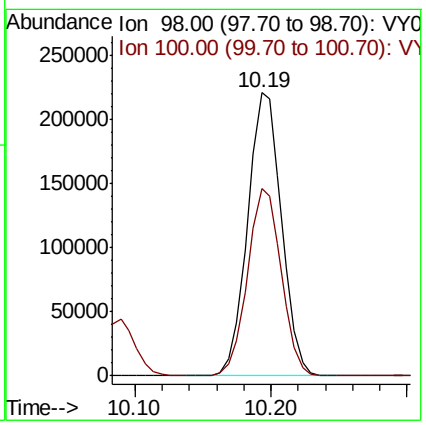


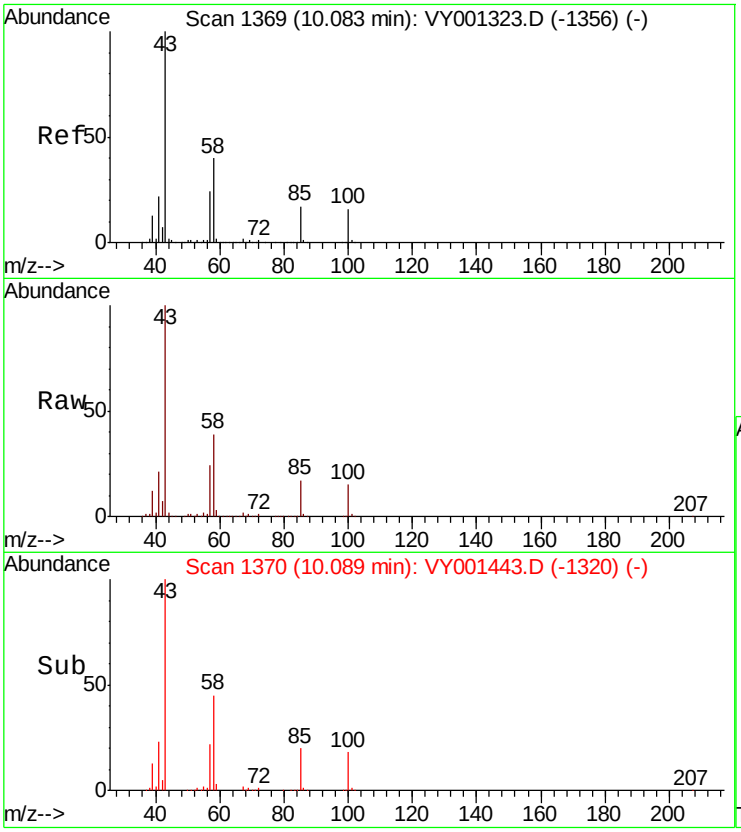




#50
Toluene-d8
Concen: 55.359 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 98 Resp: 385402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 52.6 | 79.0 |



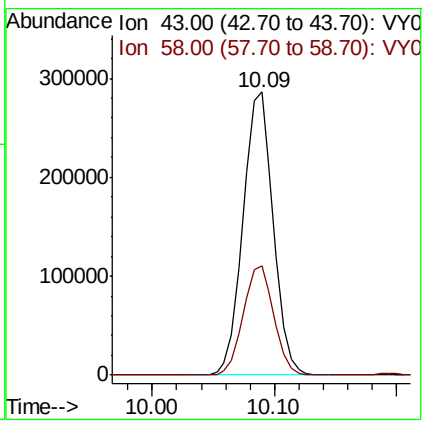


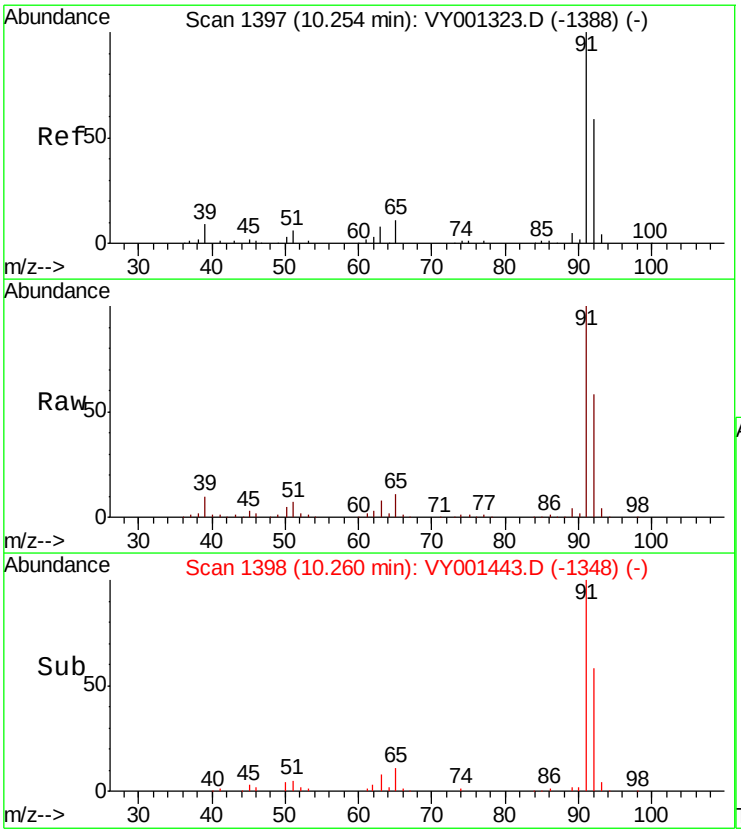

#51
4-Methyl-2-Pentanone
Concen: 277.847 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 43 Resp: 490321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.2 | 31.5 | 47.3 |

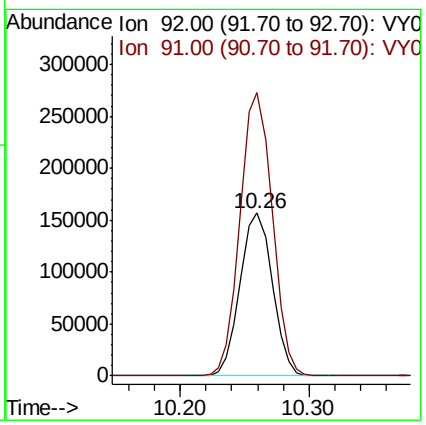


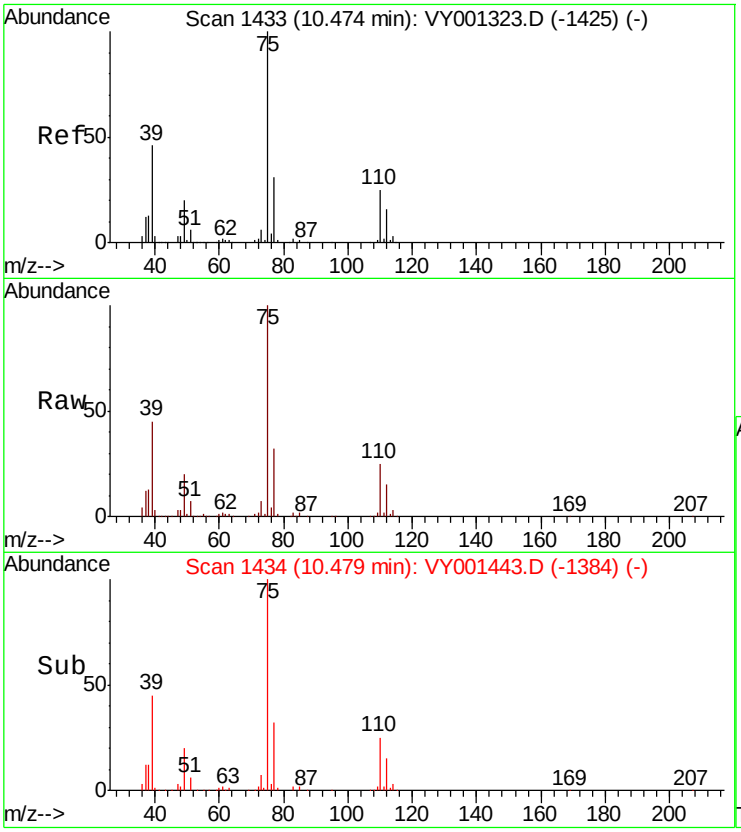




#52
Toluene
Concen: 49.879 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 92 Resp: 273458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.8 | 136.4 | 204.6 |



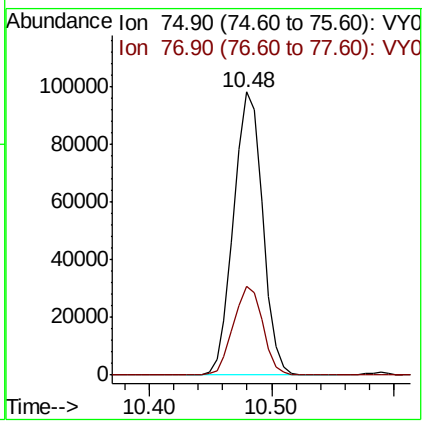


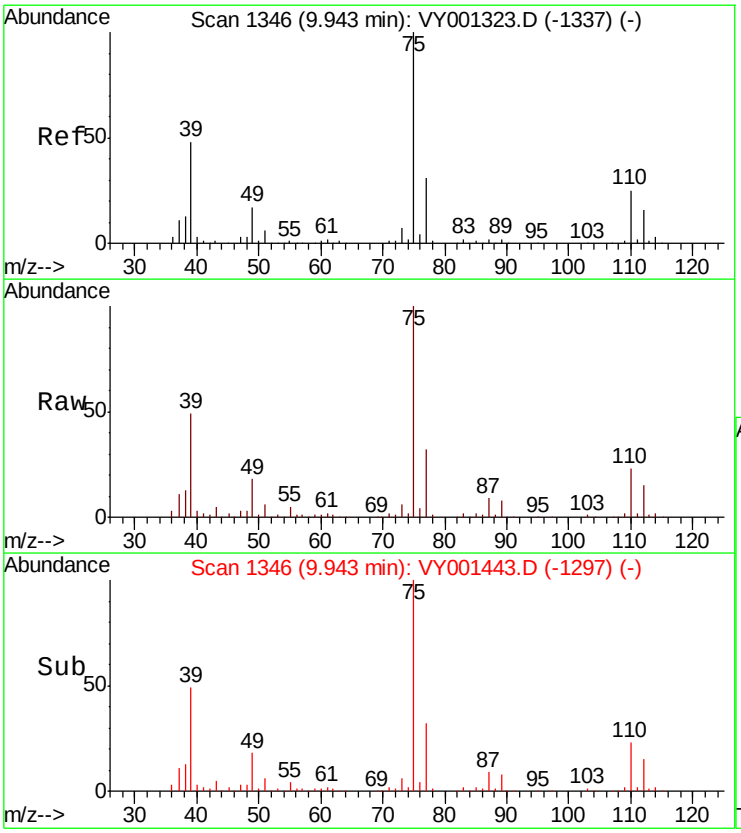

#53
t-1,3-Dichloropropene
Concen: 51.888 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 75 Resp: 161370

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

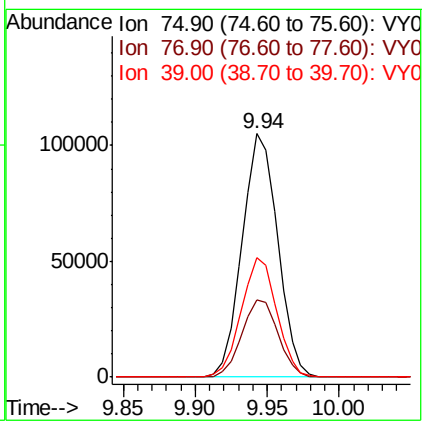


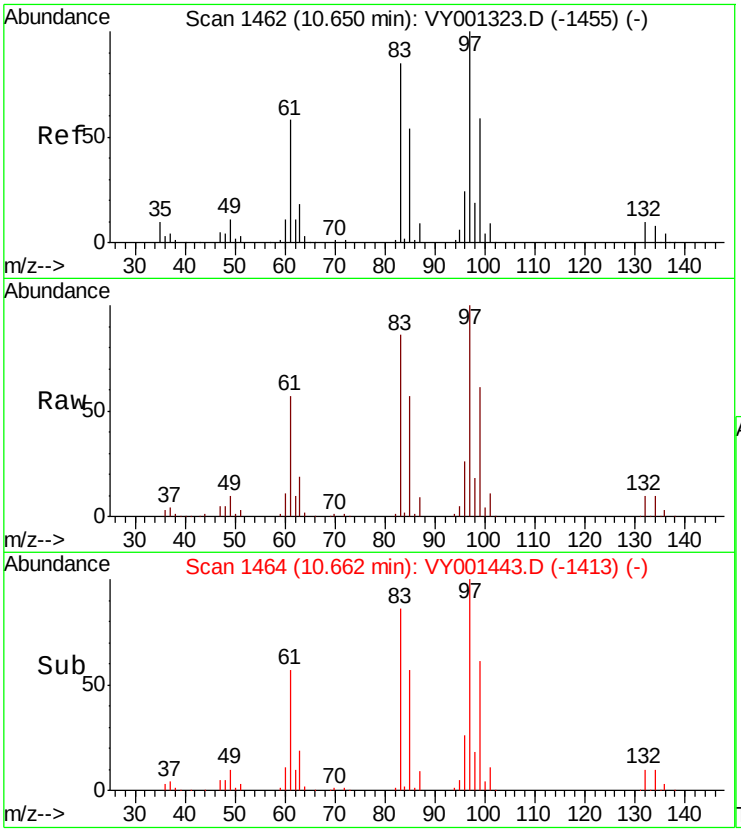




#54
cis-1,3-Dichloropropene
Concen: 50.236 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 75 Resp: 179323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.0 | 37.6 |
| 39 | 49.0 | 38.2 | 57.4 |



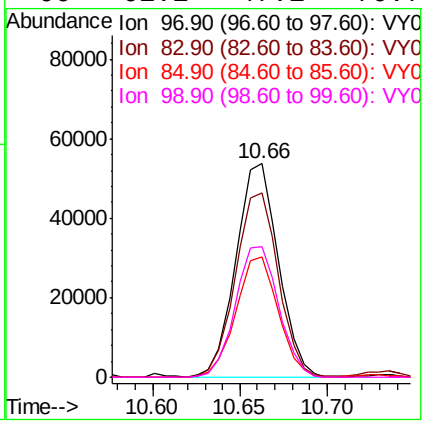


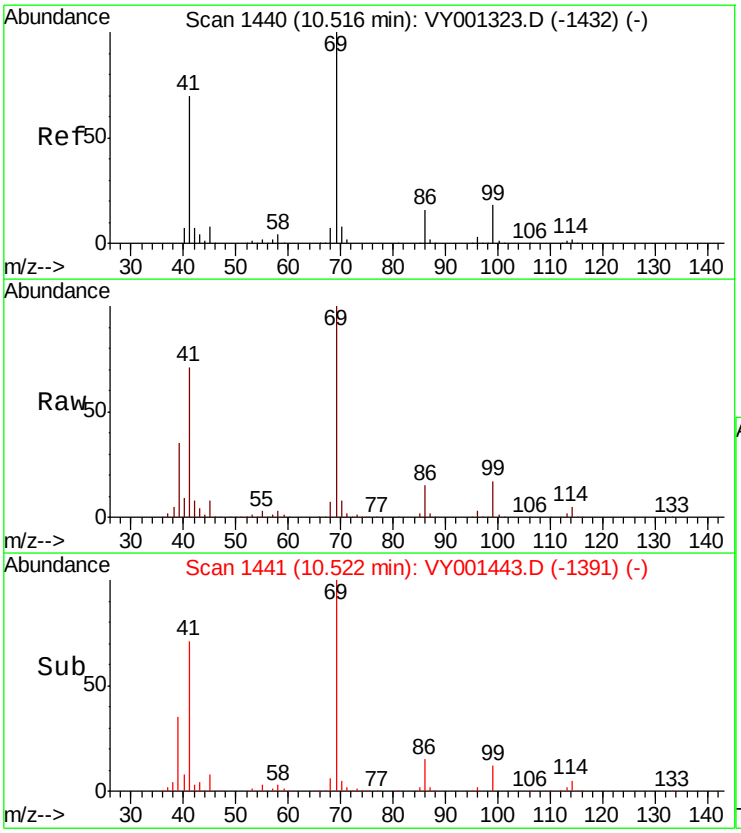

#55
1,1,2-Trichloroethane
Concen: 52.291 ug/l
RT: 10.66 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 97 Resp: 90589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.9 | 68.0 | 102.0 |
| 85 | 56.5 | 43.6 | 65.4 |
| 99 | 61.1 | 47.1 | 70.7 |

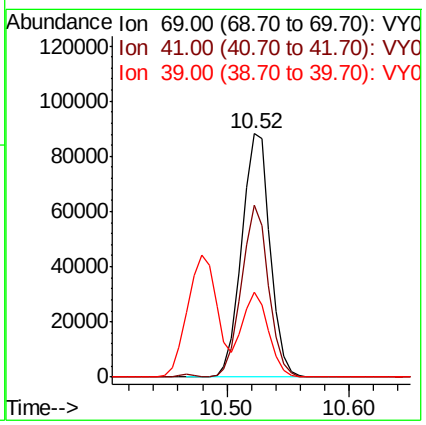


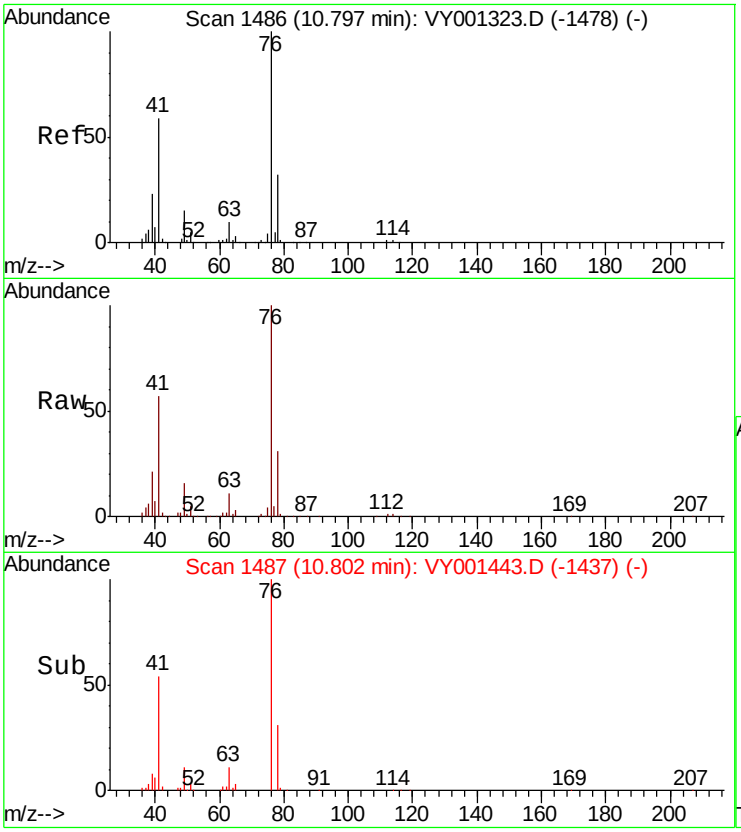




#56
Ethyl methacrylate
Concen: 54.240 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 69 Resp: 142022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.0 | 54.1 | 81.1 |
| 39 | 32.0 | 26.8 | 40.2 |



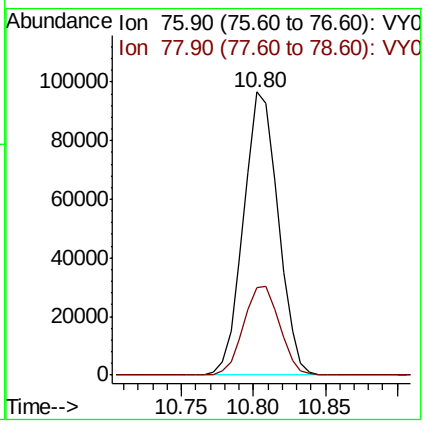


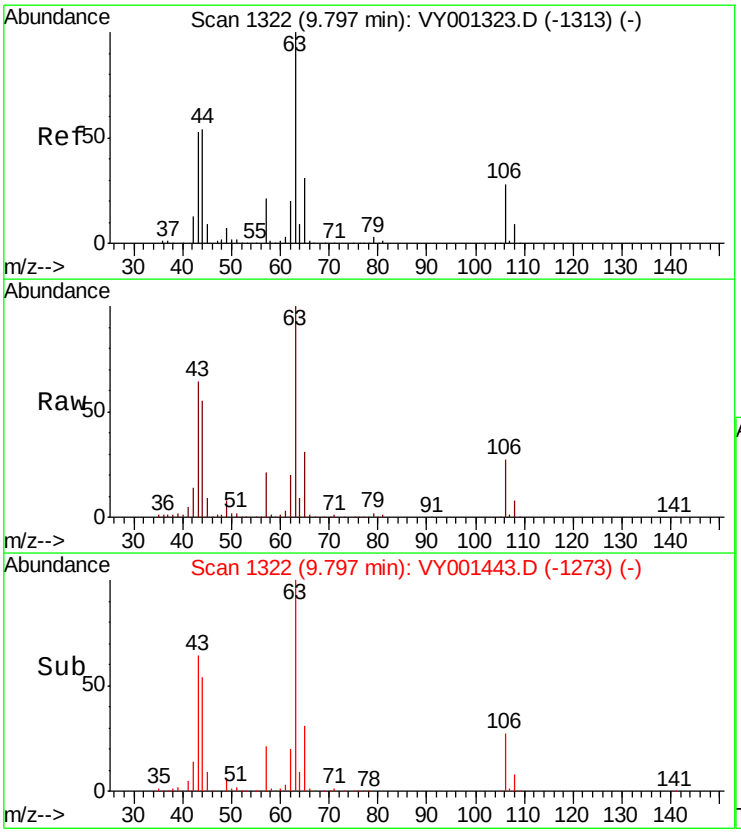

#57
1,3-Dichloropropane
Concen: 53.325 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 76 Resp: 160927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.5 | 25.8 | 38.8 |

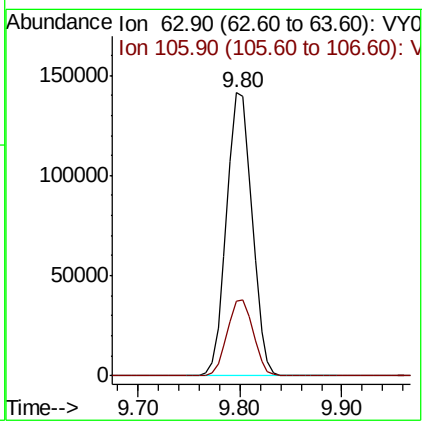


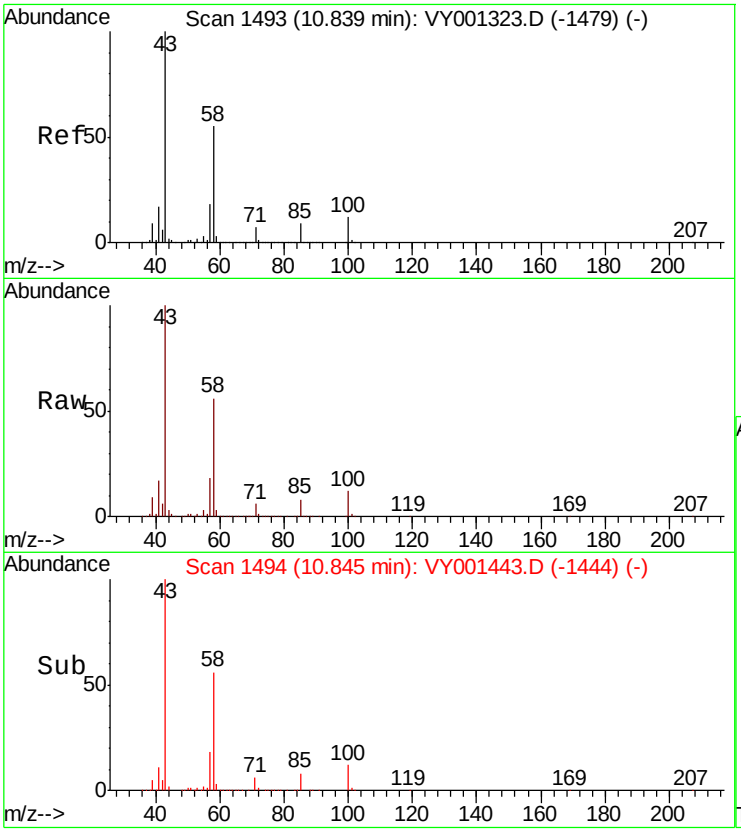




#58
2-Chloroethyl Vinyl ether
Concen: 269.958 ug/l
RT: 9.80 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 63 Resp: 244598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.4 | 22.5 | 33.7 |



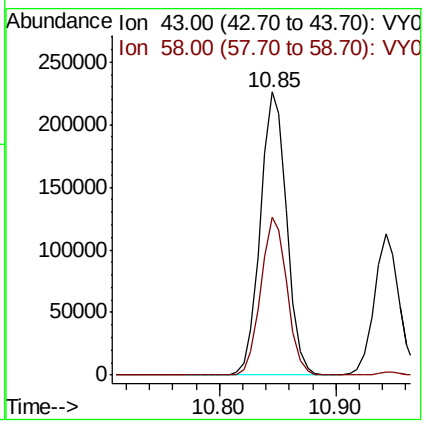


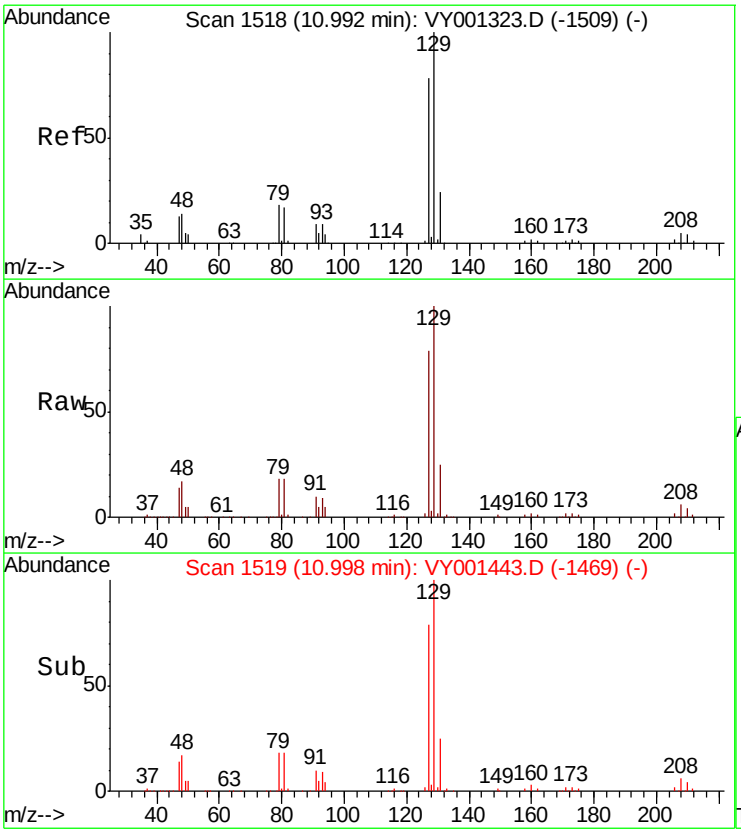

#59
2-Hexanone
Concen: 289.358 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 43 Resp: 355488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.8 | 27.6 | 82.8 |

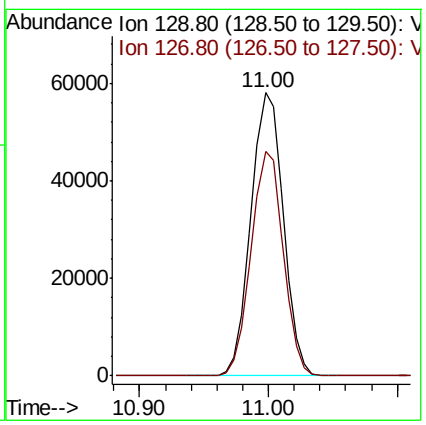


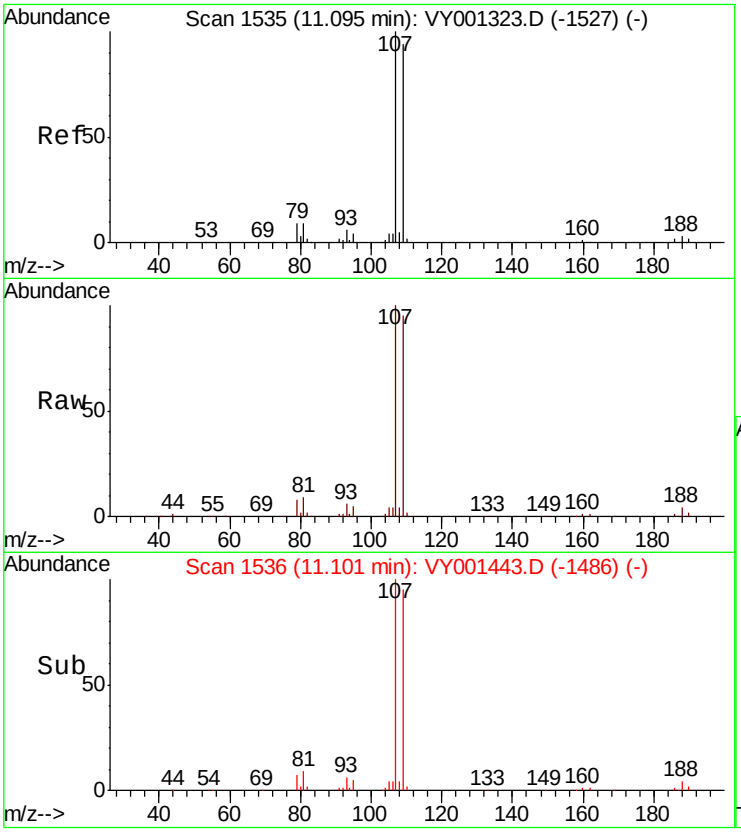




#60
Dibromochloromethane
Concen: 52.105 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:129 Resp: 100960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.4 | 38.8 | 116.4 |



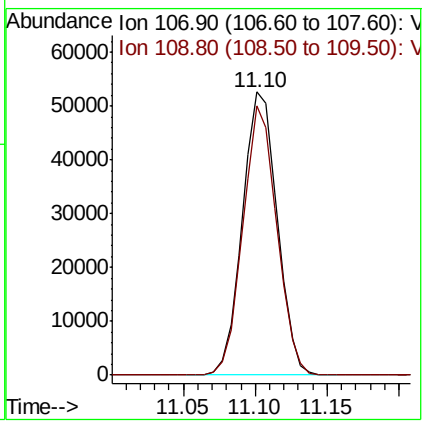


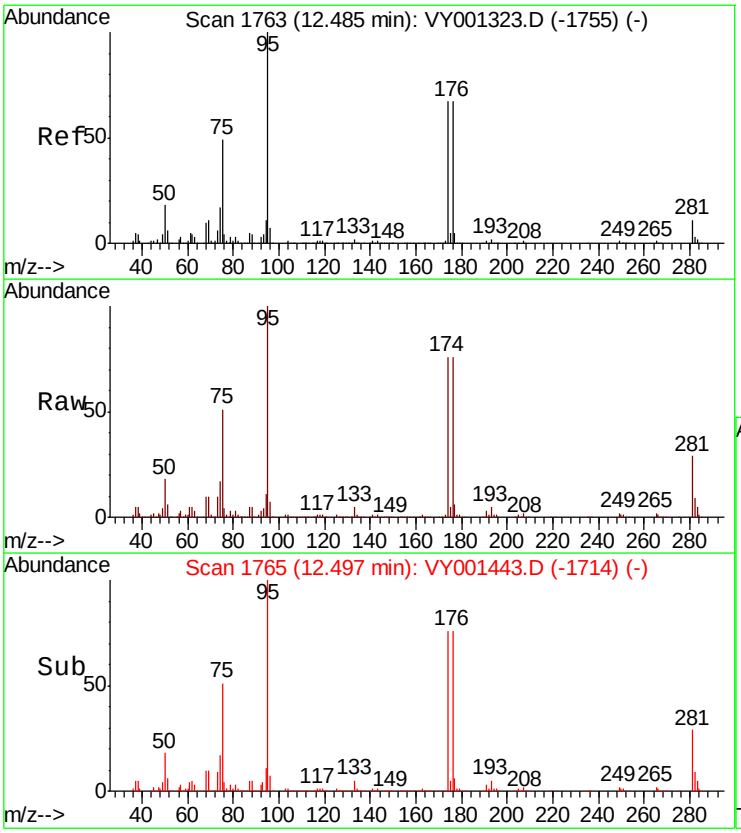

#61
1,2-Dibromoethane
Concen: 53.504 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:107 Resp: 87625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.9 | 75.0 | 112.6 |

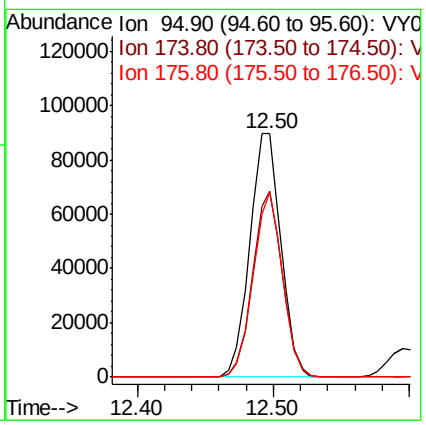


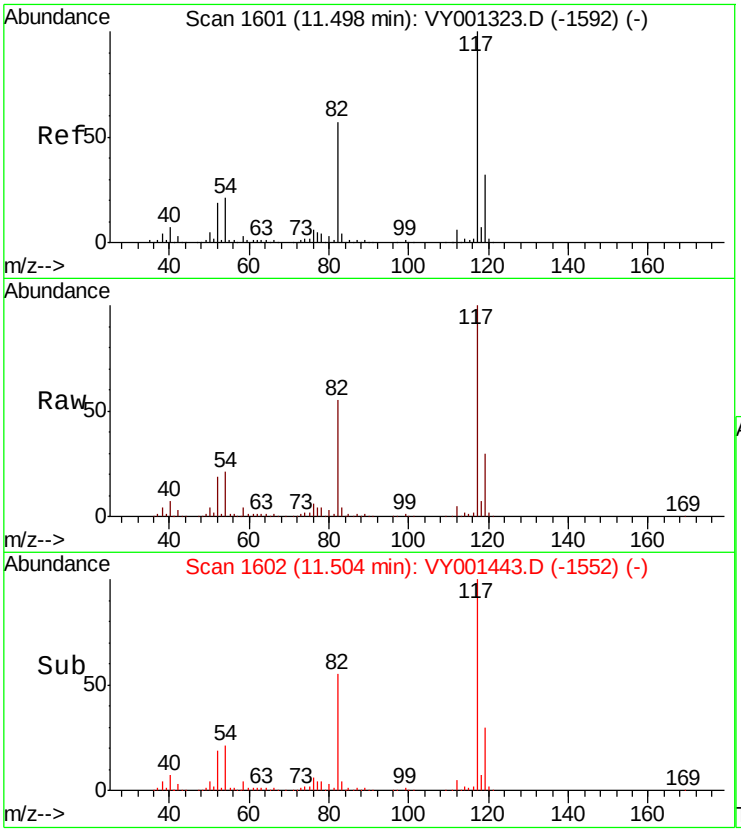




#62
4-Bromofluorobenzene
Concen: 51.861 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 95 Resp: 143781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.1 | 0.0 | 142.0 |
| 176 | 71.7 | 0.0 | 138.6 |



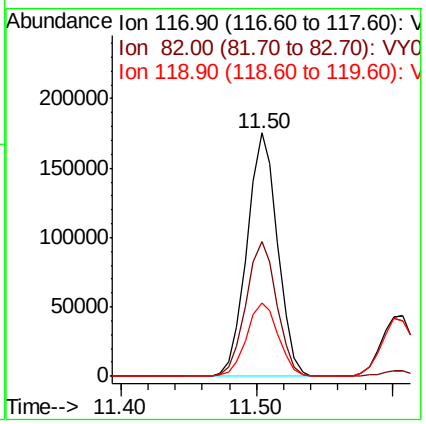


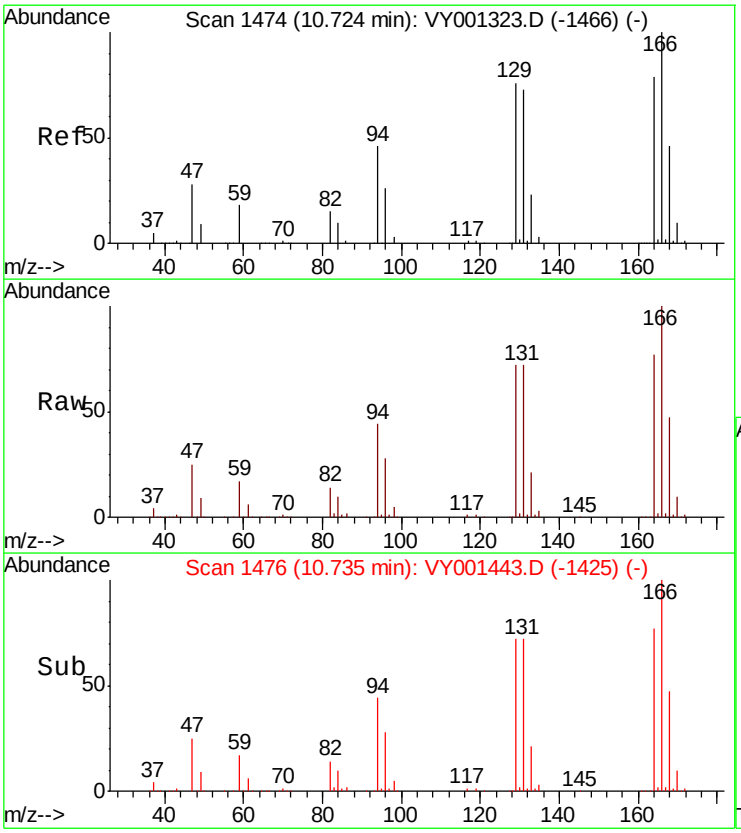

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:117 Resp: 276854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.3 | 45.5 | 68.3 |
| 119 | 30.3 | 25.8 | 38.6 |

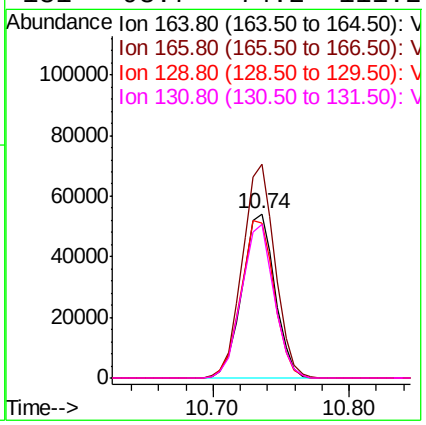


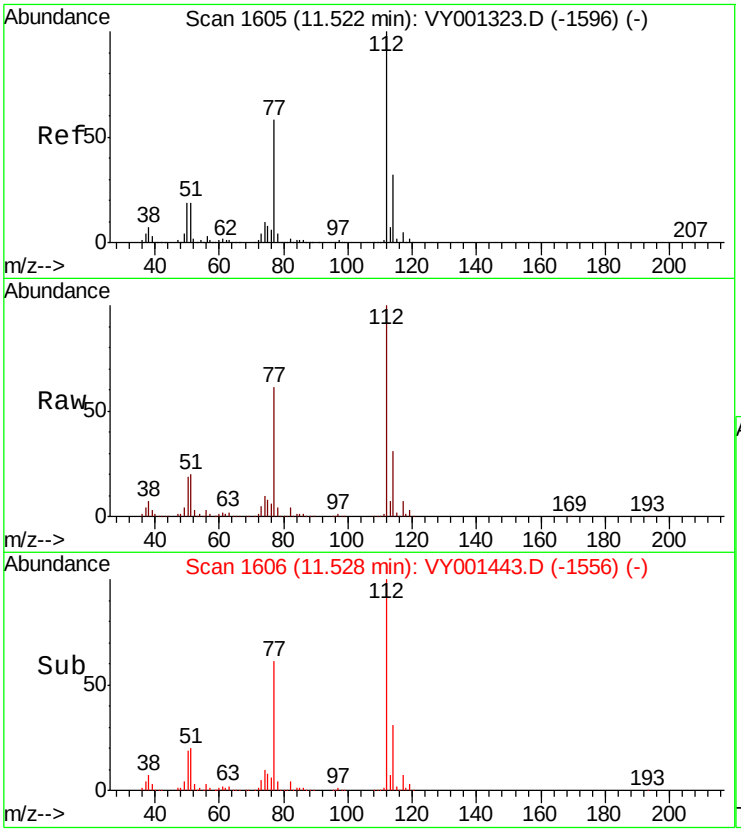




#64
Tetrachloroethene
Concen: 51.589 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:164 Resp: 91233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.0 | 101.8 | 152.8 |
| 129 | 94.2 | 77.1 | 115.7 |
| 131 | 93.7 | 74.2 | 111.2 |



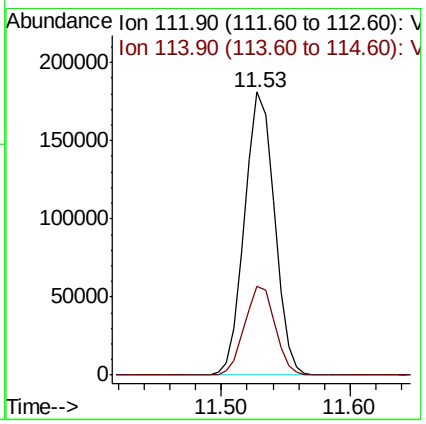


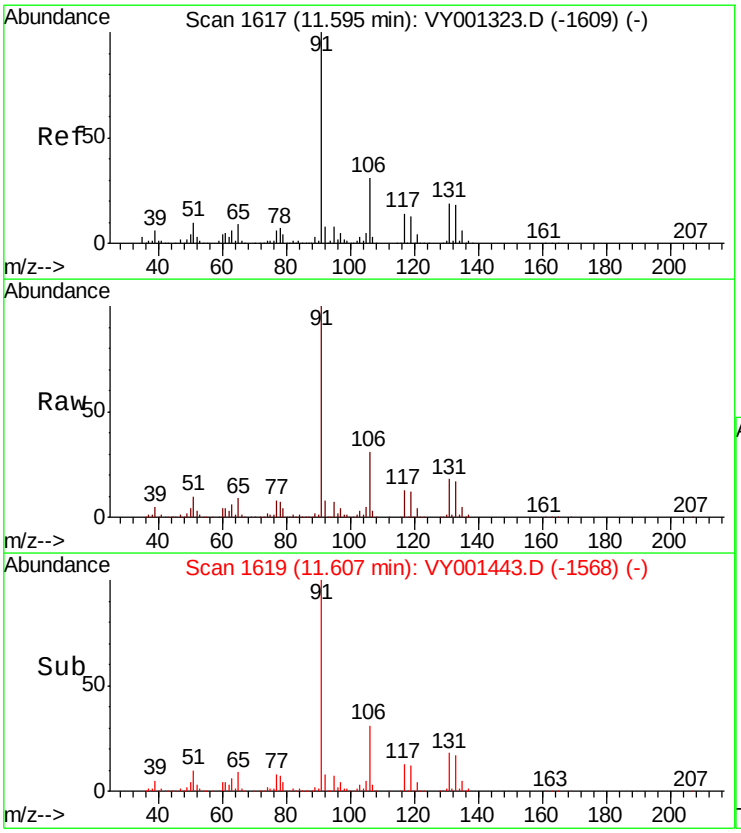

#65
Chlorobenzene
Concen: 49.667 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:112 Resp: 289841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.4 | 25.8 | 38.6 |

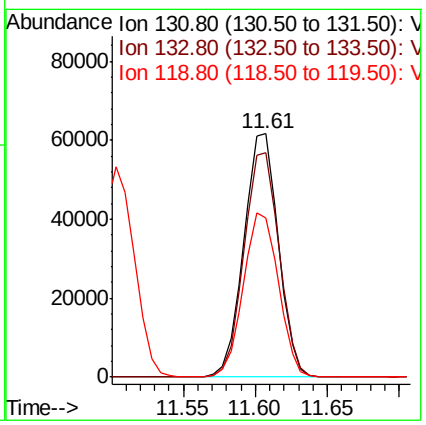


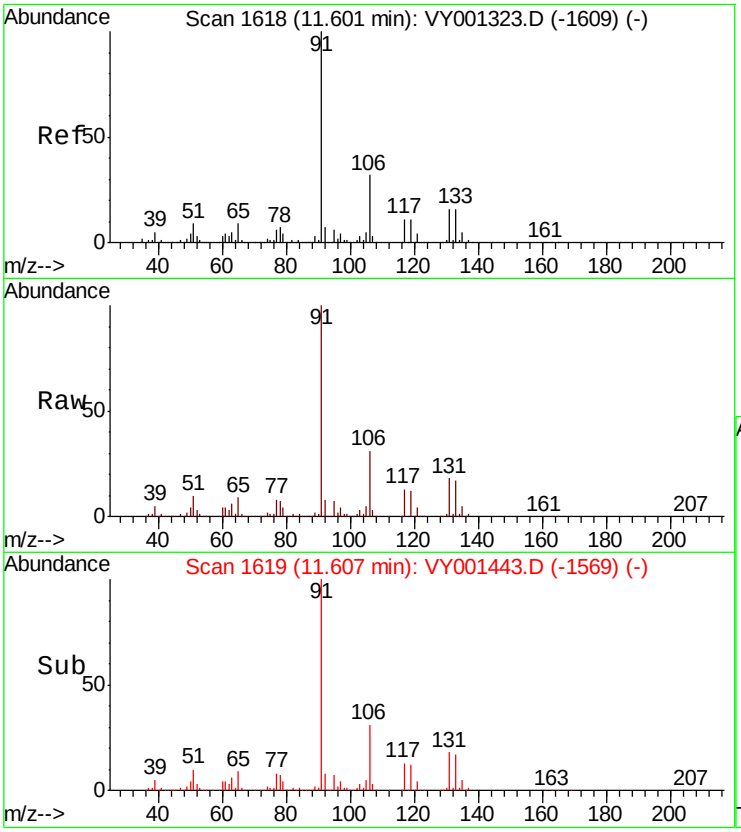




#66
1,1,1,2-Tetrachloroethane
Concen: 51.145 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:131 Resp: 101857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.1 | 47.1 | 141.3 |
| 119 | 69.1 | 34.1 | 102.2 |



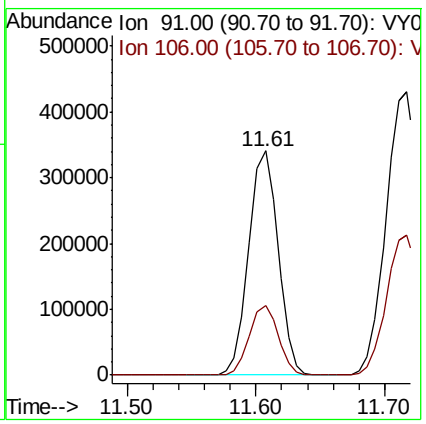


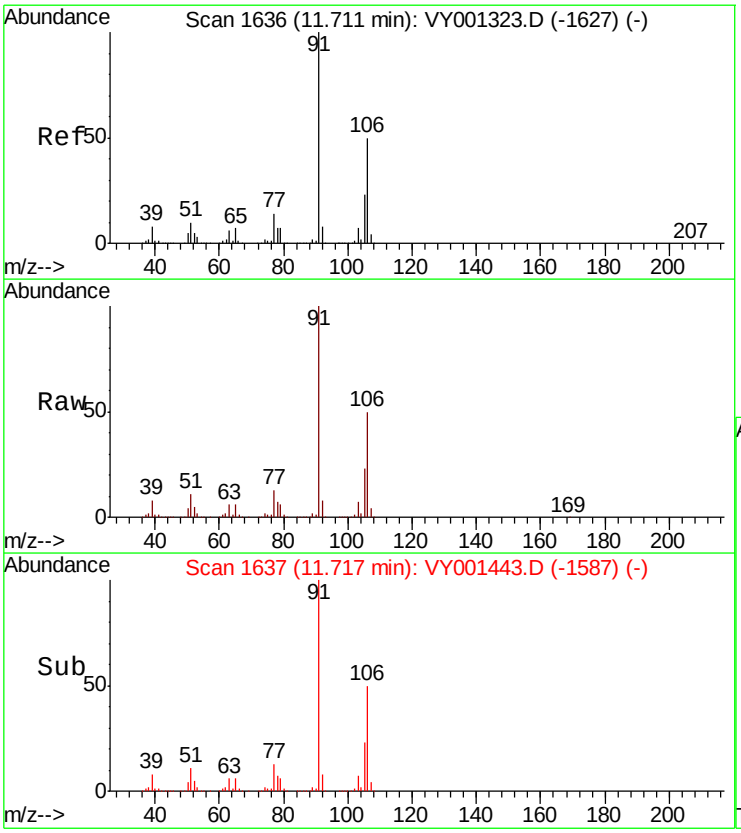

#67
Ethyl Benzene
Concen: 49.871 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 91 Resp: 536343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.1 | 25.4 | 38.0 |

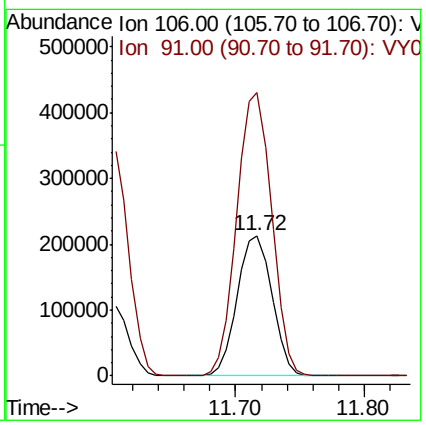


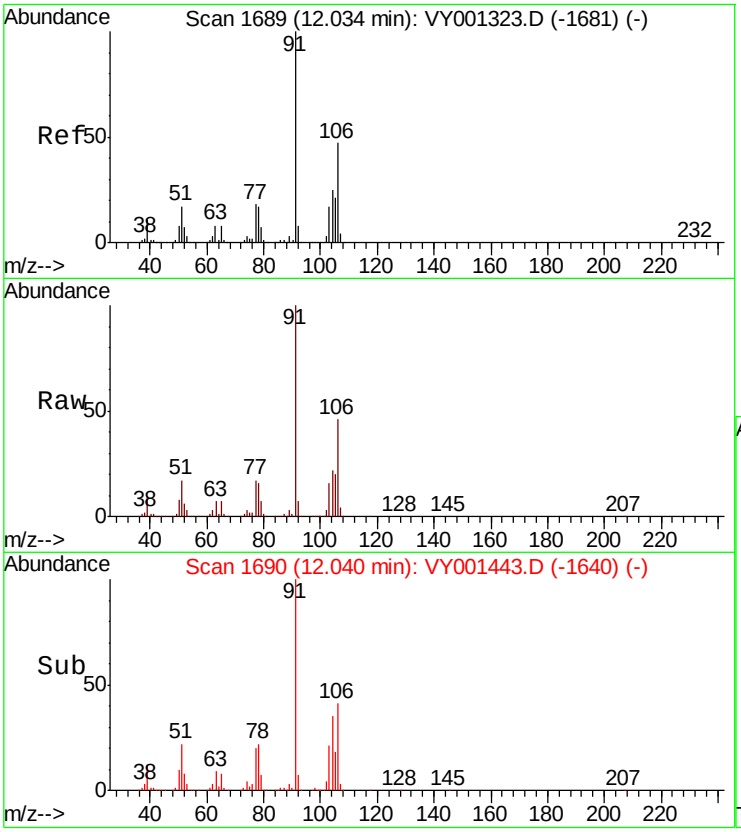




#68
m/p-Xylenes
Concen: 99.483 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:106 Resp: 399590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.0 | 162.8 | 244.2 |



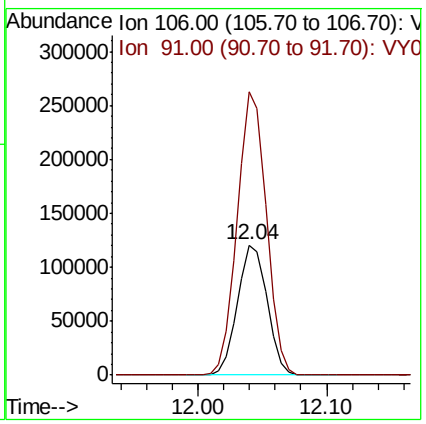


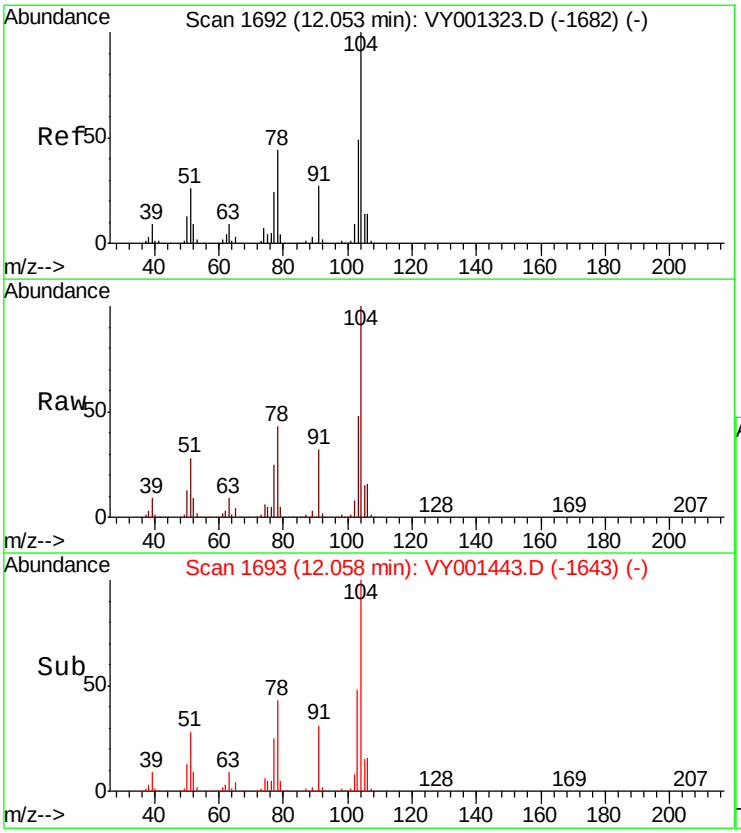

#69
o-Xylene
Concen: 49.626 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:106 Resp: 191759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.4 | 106.3 | 319.0 |

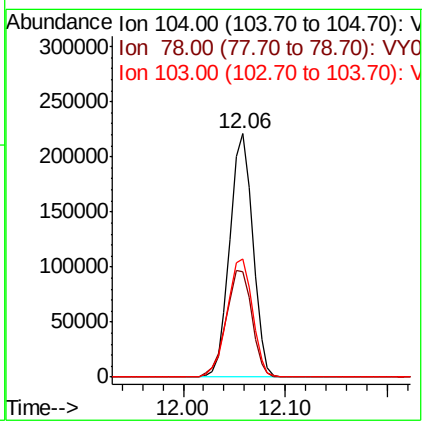


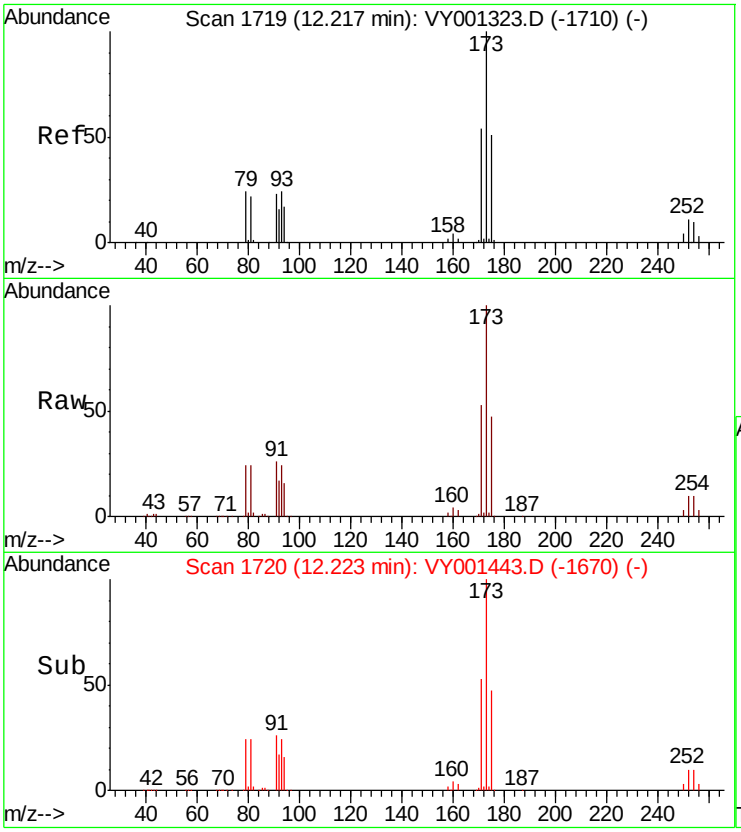




#70
Styrene
Concen: 50.724 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:104 Resp: 343891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.4 | 39.8 | 59.8 |
| 103 | 53.4 | 43.2 | 64.8 |



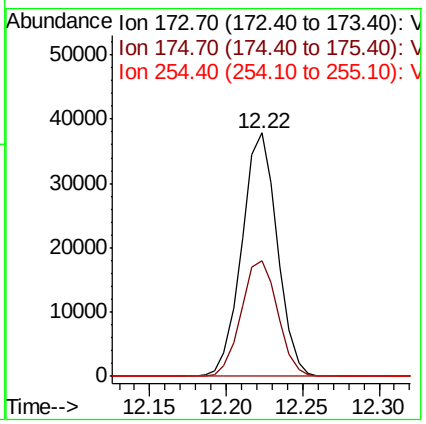


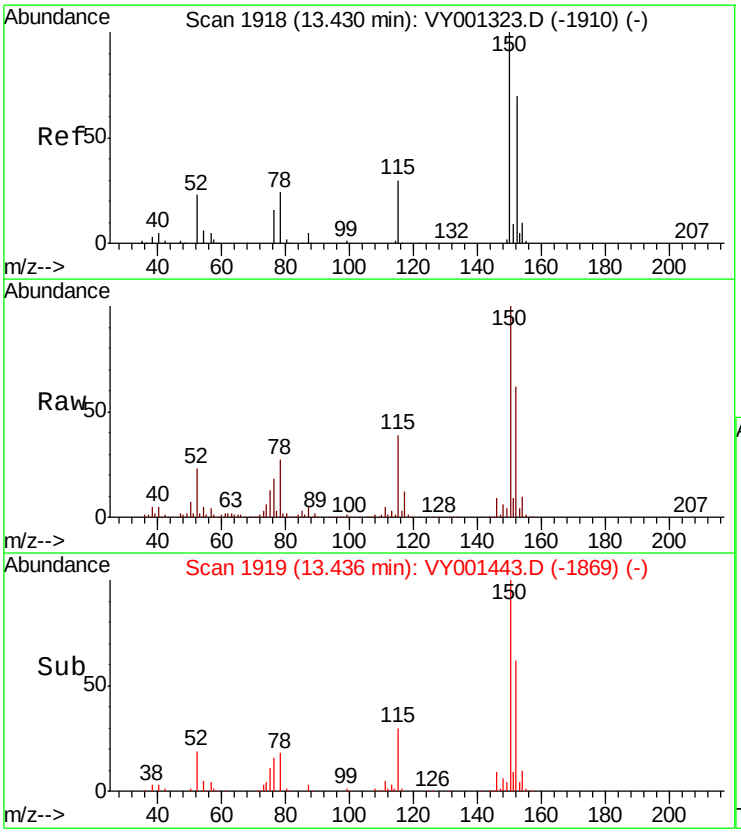

#71
Bromoform
Concen: 51.160 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:173 Resp: 60820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.3 | 72.9 |
| 254 | 0.0 | 0.0 | 0.0 |

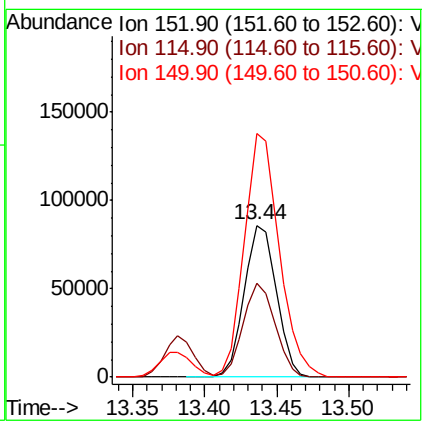


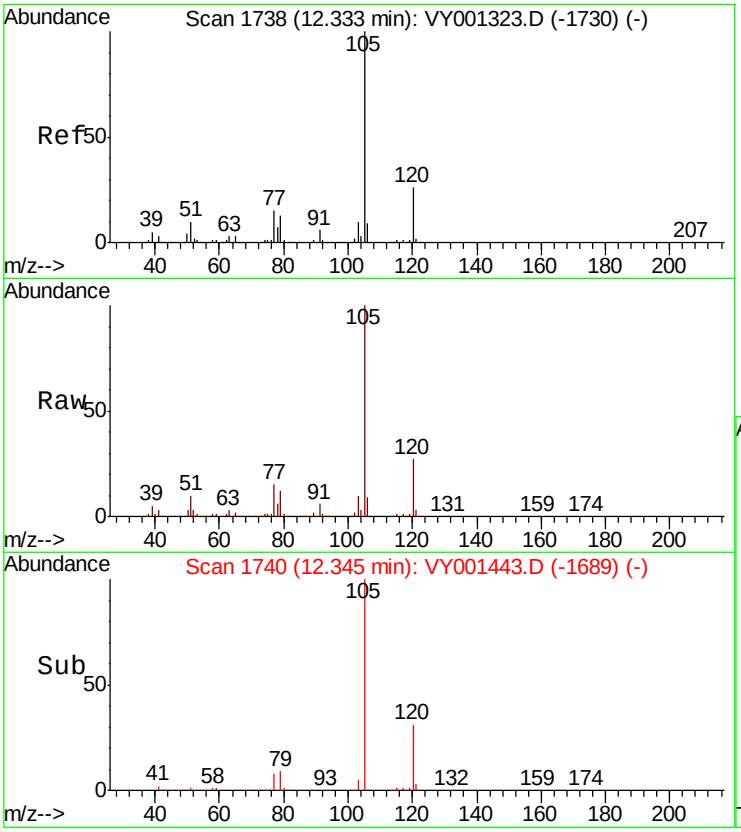




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:152 Resp: 132613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.6 | 30.9 | 92.8 |
| 150 | 174.5 | 0.0 | 349.2 |



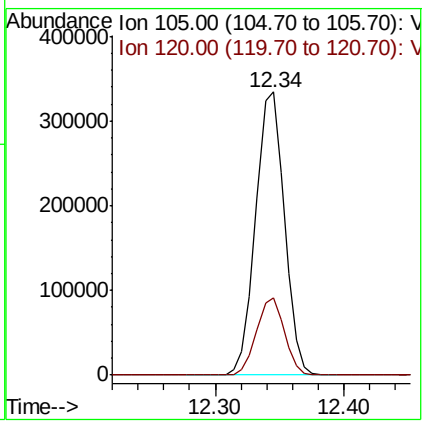


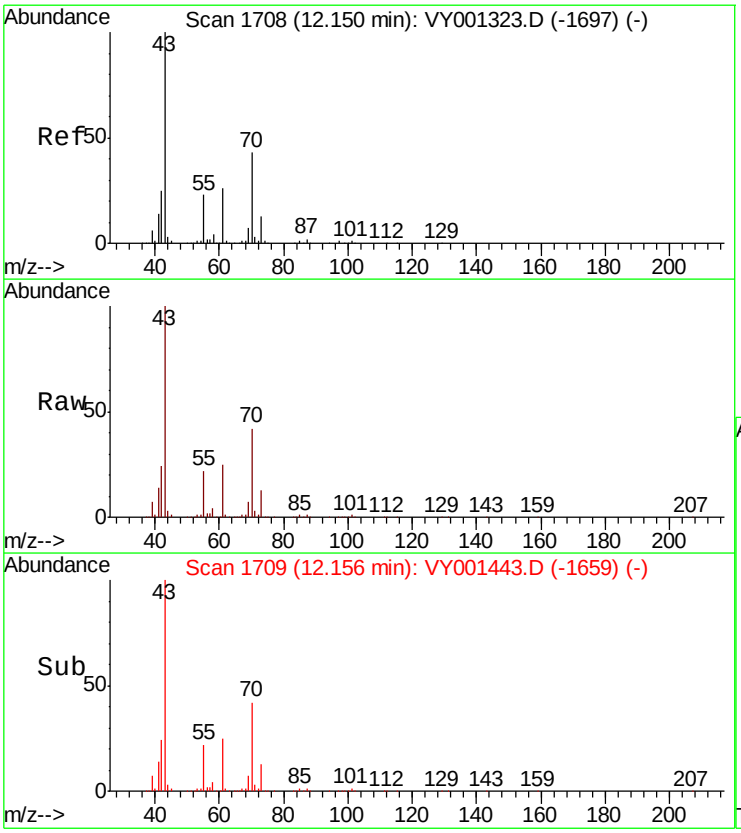

#73
Isopropylbenzene
Concen: 49.193 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:105 Resp: 514766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 13.5 | 40.4 |

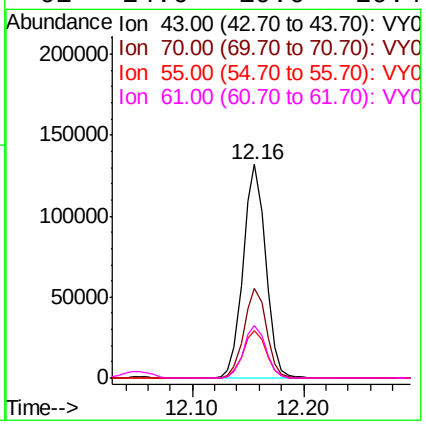


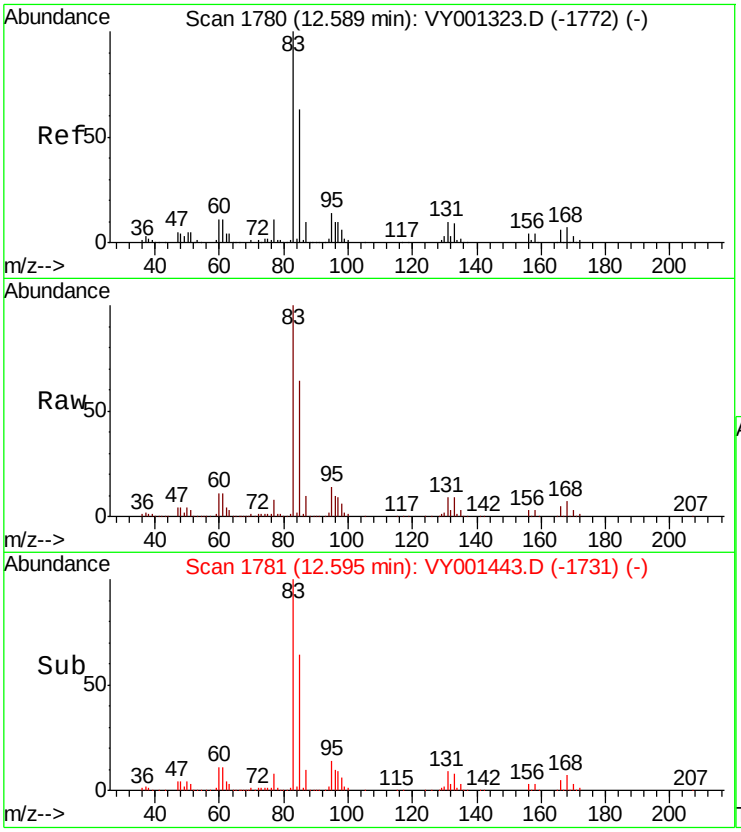




#74
N-amyl acetate
Concen: 53.918 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 43 Resp: 184687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.0 | 33.5 | 50.3 |
| 55 | 22.9 | 18.2 | 27.2 |
| 61 | 24.6 | 19.6 | 29.4 |



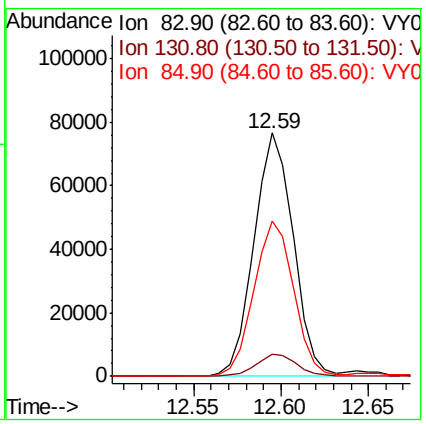


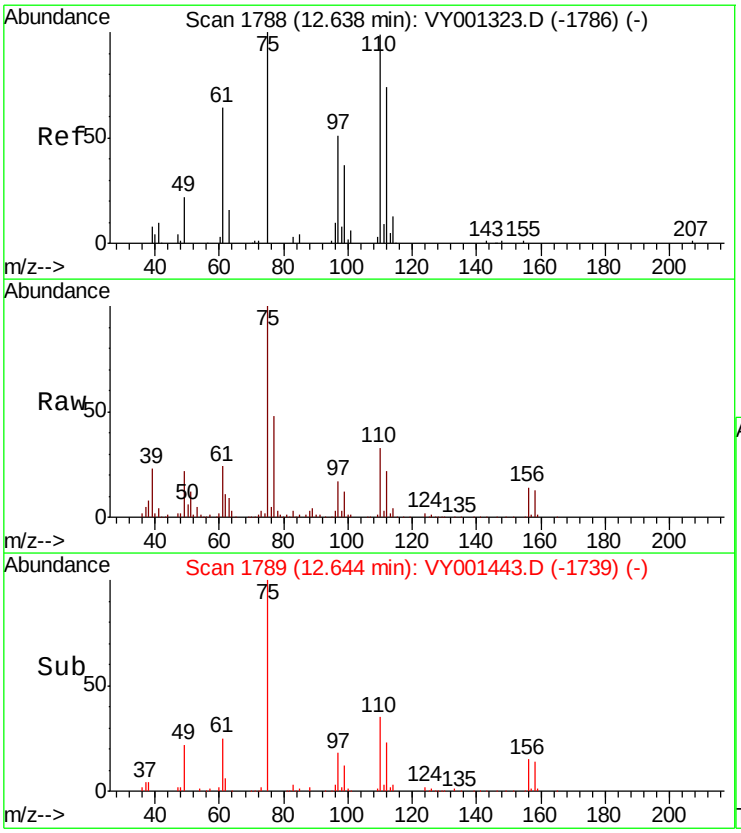

#75
1,1,2,2-Tetrachloroethane
Concen: 53.396 ug/l
RT: 12.59 min Scan# 1781
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 83 Resp: 119664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 4.9 | 14.6 |
| 85 | 64.7 | 31.4 | 94.3 |

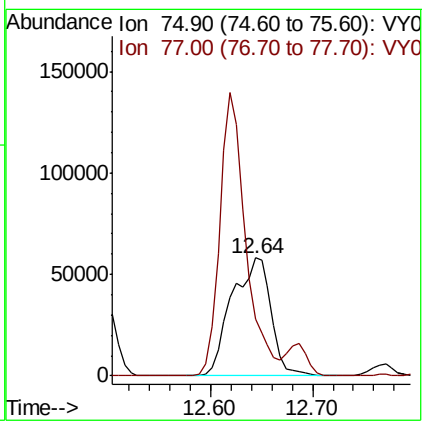


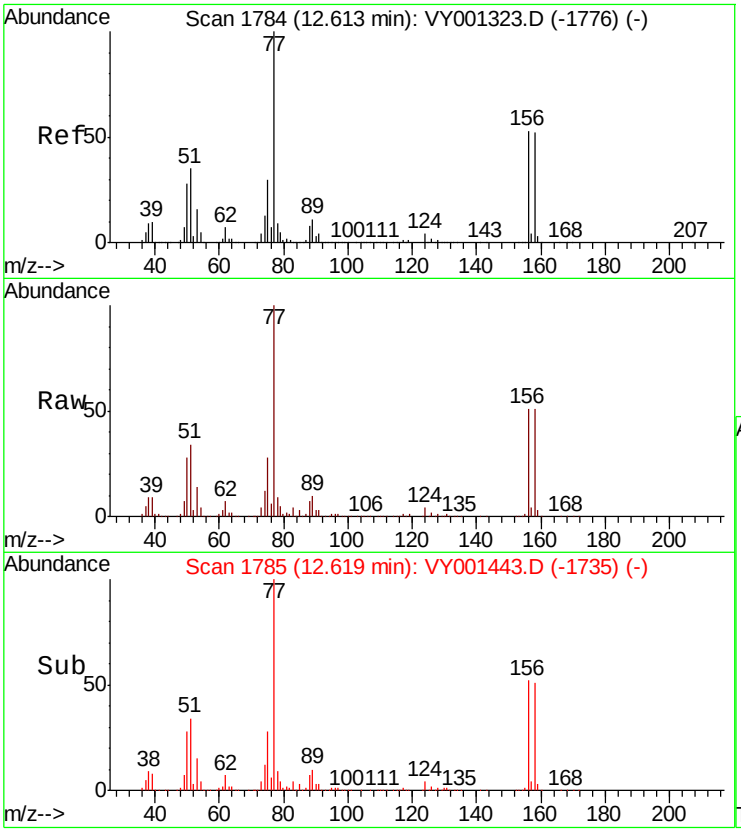




#76
1,2,3-Trichloropropane
Concen: 97.746 ug/l
RT: 12.64 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 75 Resp: 156198

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



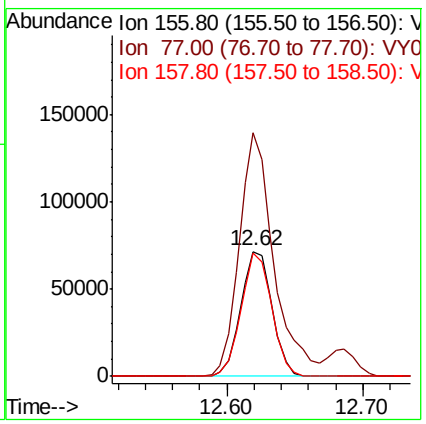


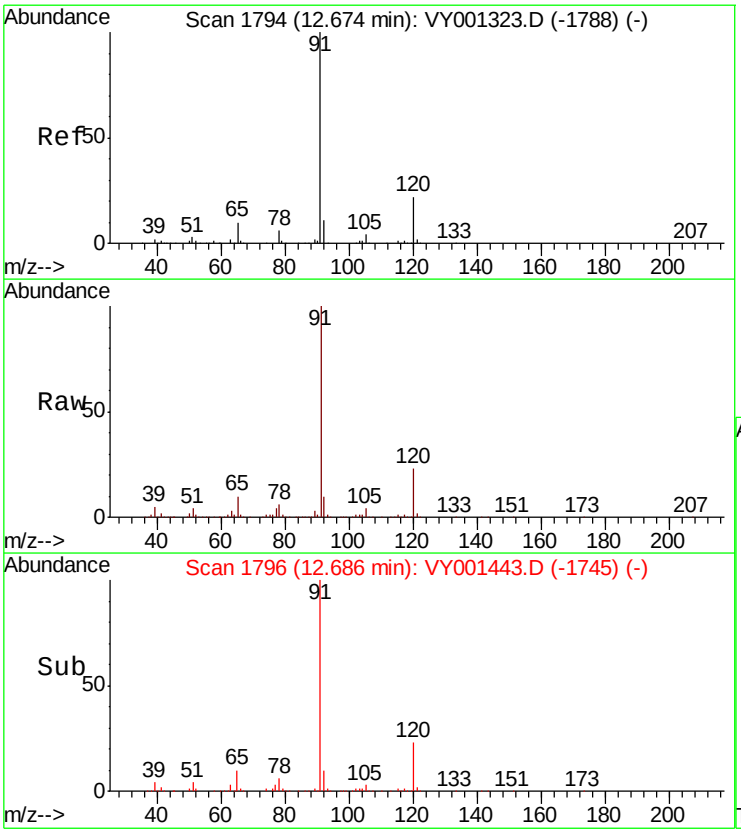

#77
Bromobenzene
Concen: 49.886 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:156 Resp: 115622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 214.3 | 104.7 | 313.9 |
| 158 | 96.1 | 48.6 | 145.8 |

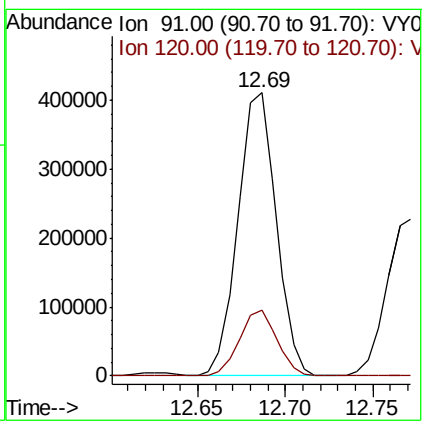


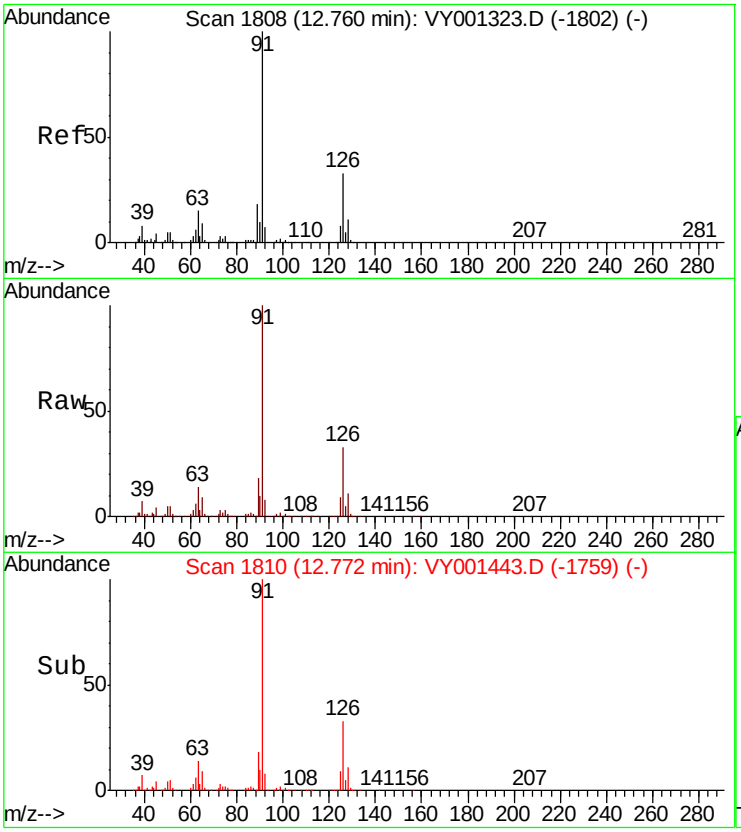




#78
n-propylbenzene
Concen: 49.676 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 91 Resp: 625678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.8 | 11.3 | 33.8 |



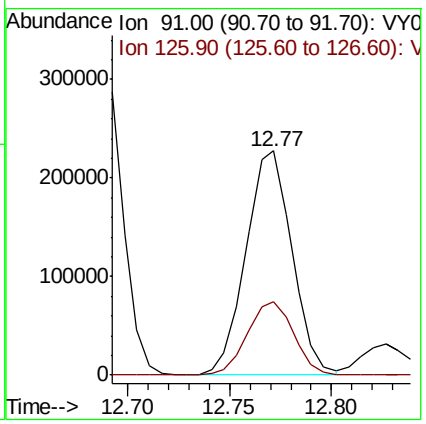


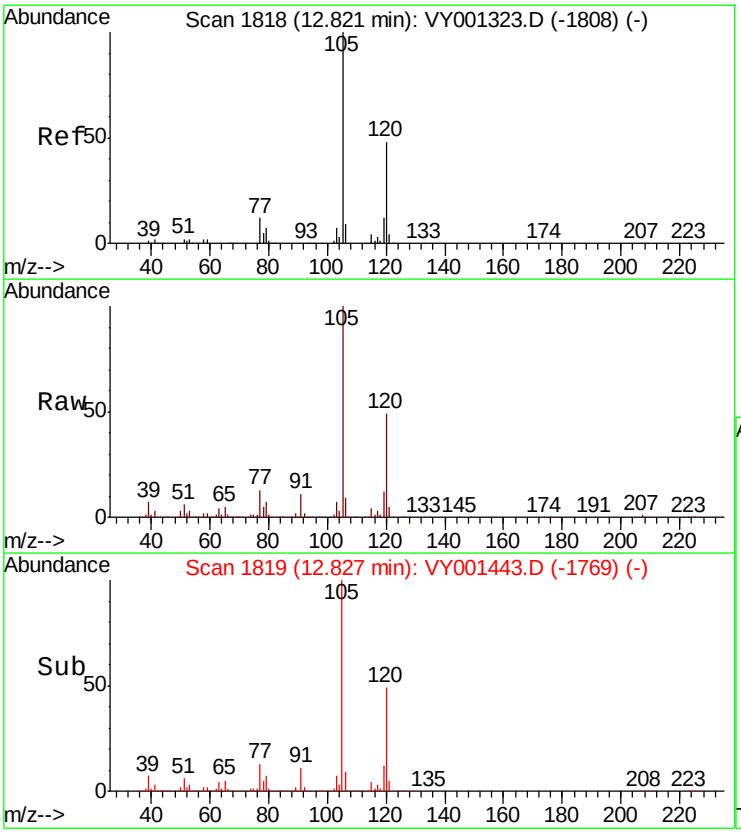

#79
2-Chlorotoluene
Concen: 49.665 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 91 Resp: 357361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.9 | 16.6 | 49.7 |

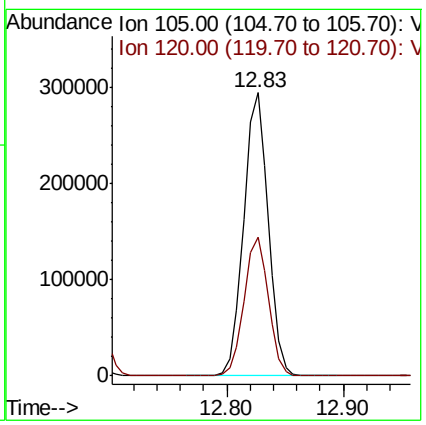


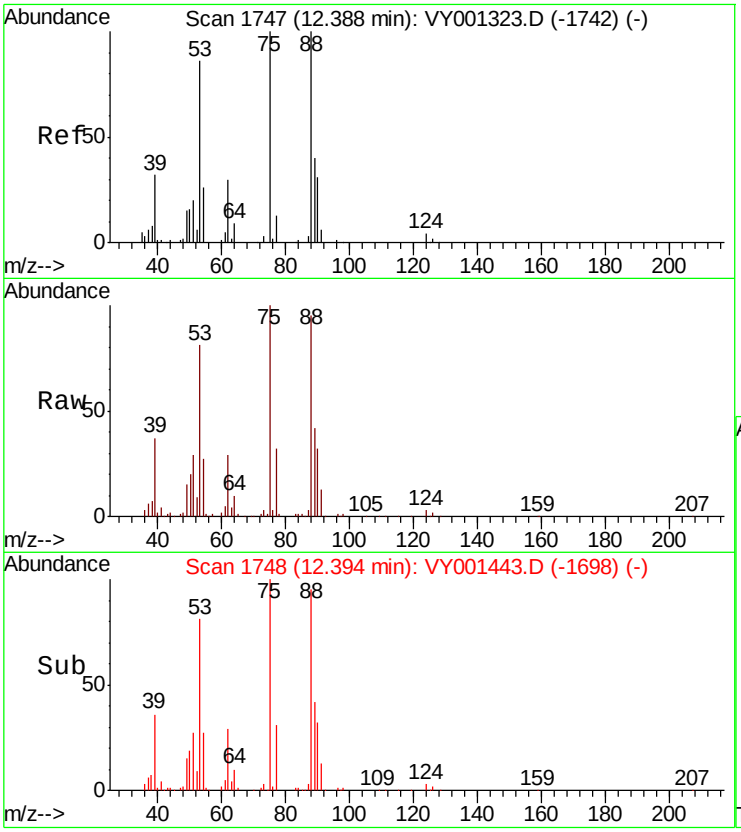




#80
1,3,5-Trimethylbenzene
Concen: 49.510 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:105 Resp: 432463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.9 | 24.3 | 72.9 |



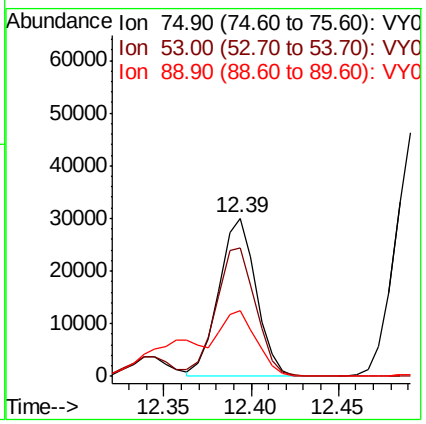


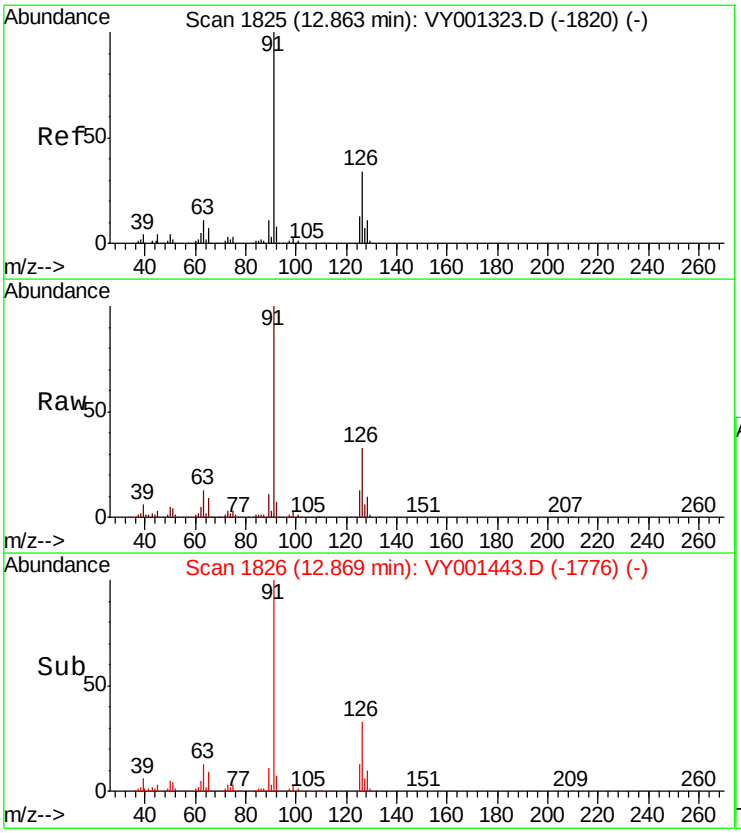

#81
trans-1,4-Dichloro-2-butene
Concen: 52.917 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 75 Resp: 44685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 84.5 | 69.9 | 104.9 |
| 89 | 40.2 | 36.6 | 54.8 |

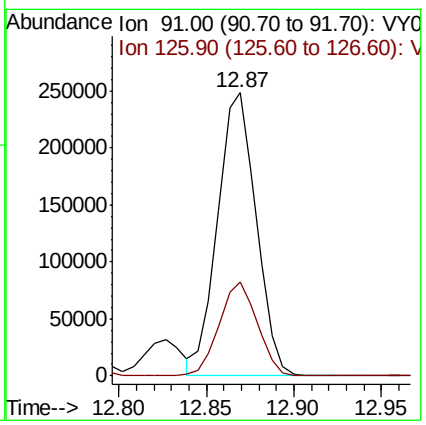


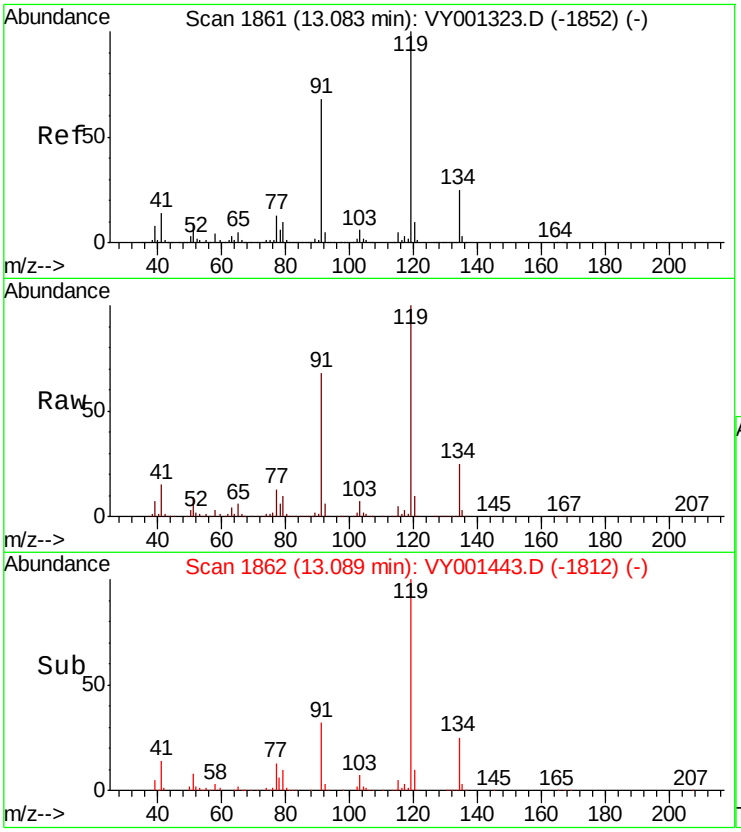




#82
4-Chlorotoluene
Concen: 49.475 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 91 Resp: 380264

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



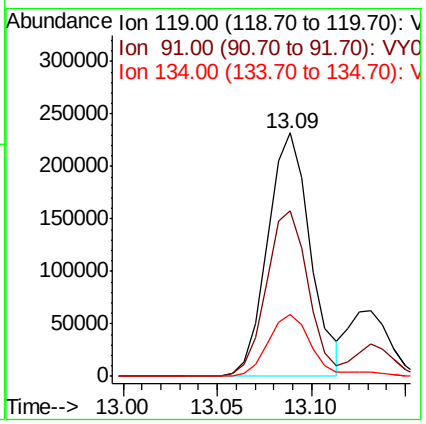


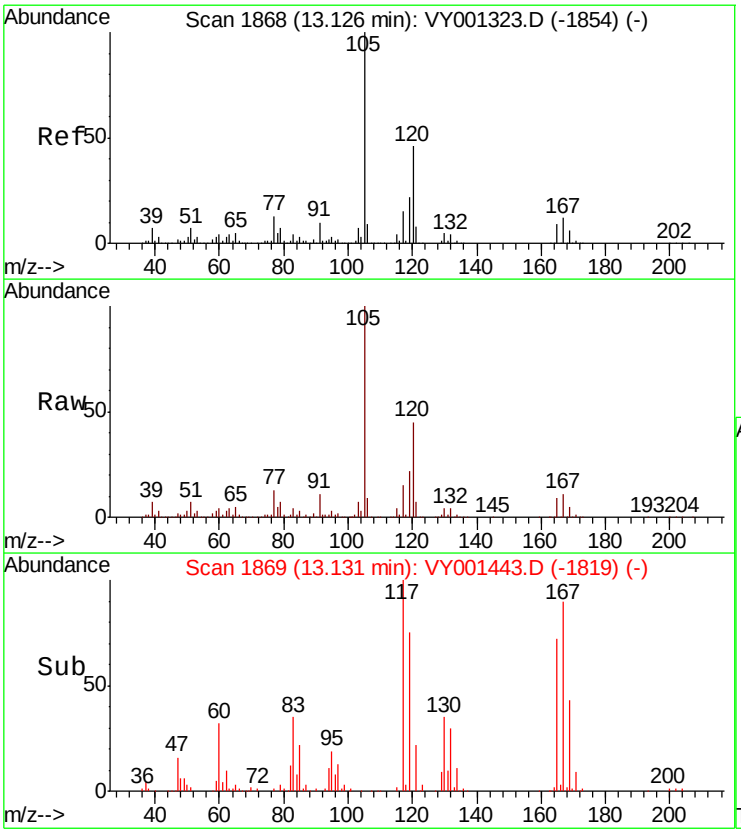

#83
tert-Butylbenzene
Concen: 49.643 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:119 Resp: 365511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.3 | 33.0 | 99.0 |
| 134 | 26.3 | 13.3 | 39.9 |

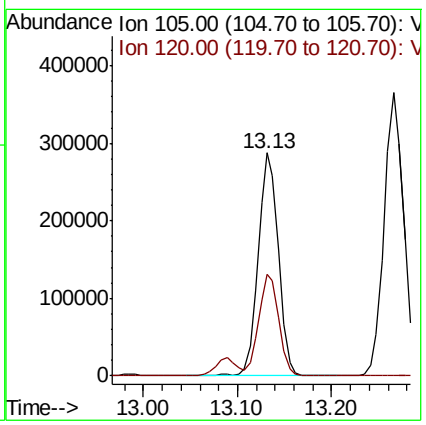


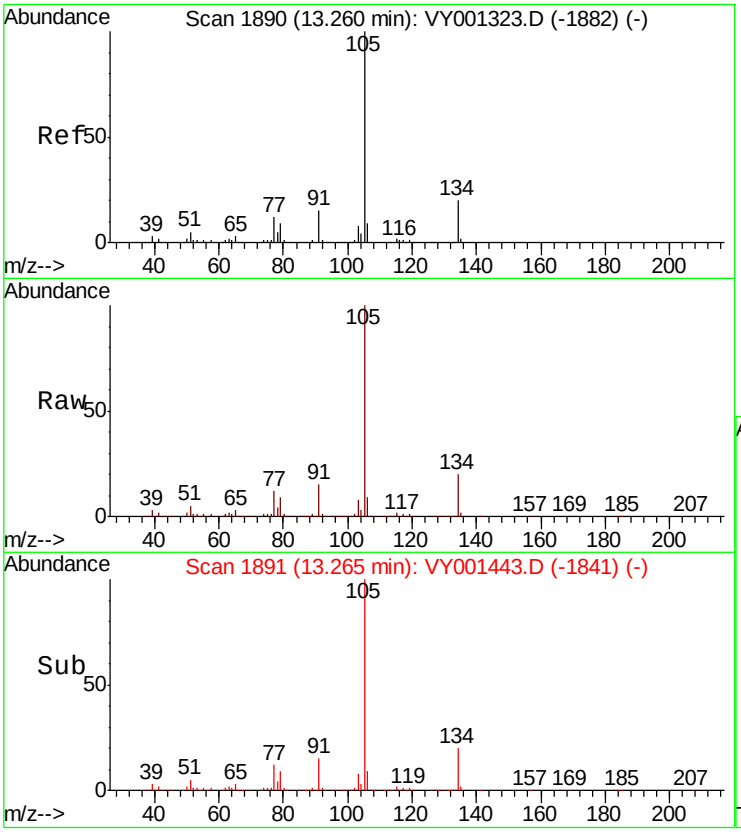




#84
1,2,4-Trimethylbenzene
Concen: 49.483 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:105 Resp: 433937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.2 | 22.4 | 67.3 |



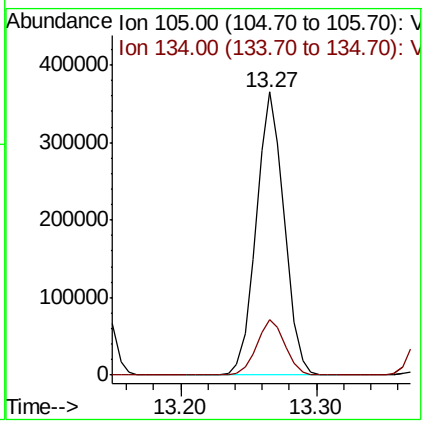


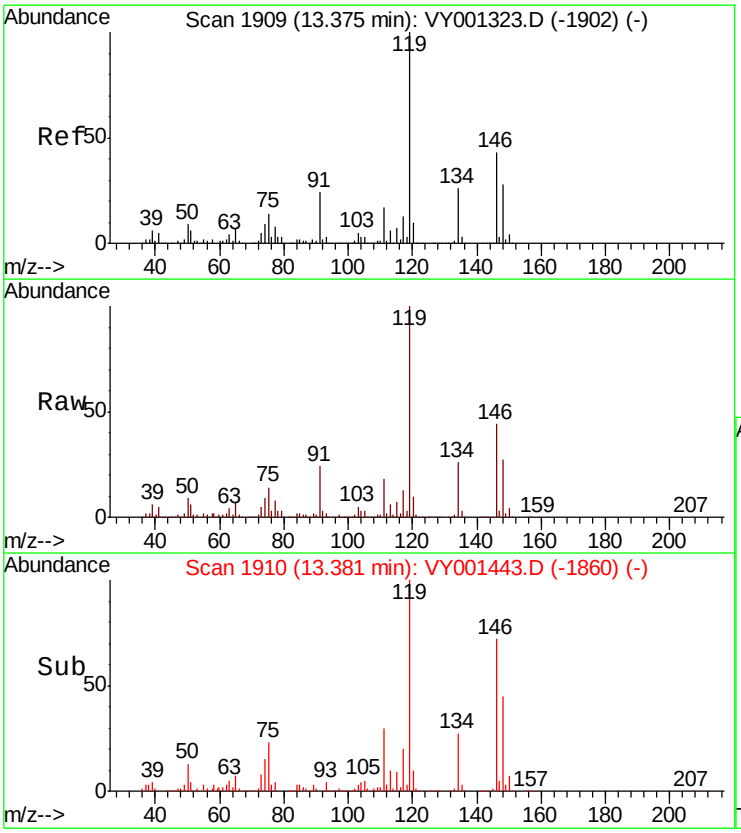

#85
sec-Butylbenzene
Concen: 50.353 ug/l
RT: 13.27 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:105 Resp: 526737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.0 | 9.8 | 29.4 |

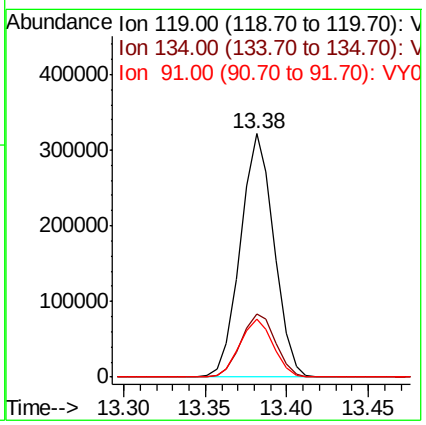


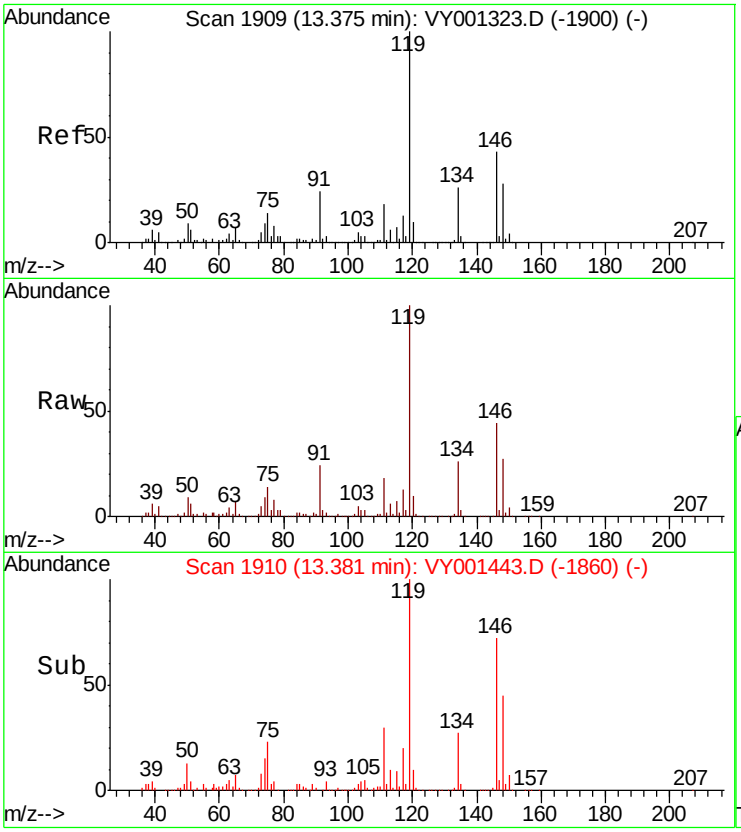




#86
p-Isopropyltoluene
Concen: 50.025 ug/l
RT: 13.38 min Scan# 1910
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:119 Resp: 461161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.8 | 13.5 | 40.4 |
| 91 | 23.8 | 12.2 | 36.6 |



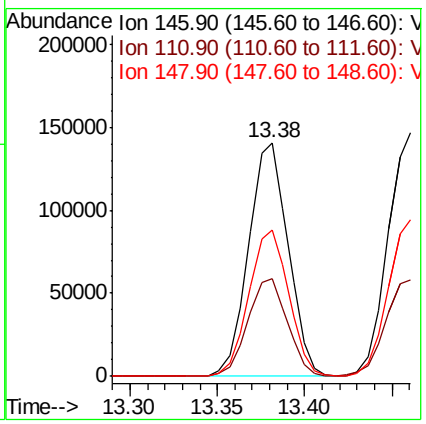


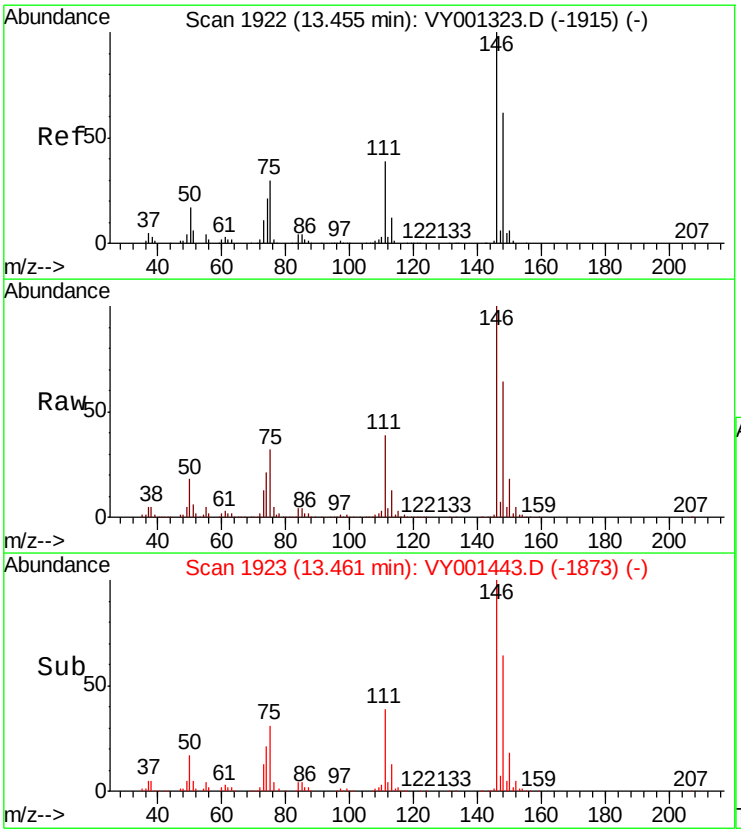

#87
1,3-Dichlorobenzene
Concen: 49.481 ug/l
RT: 13.38 min Scan# 1910
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:146 Resp: 220871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.6 | 61.8 |
| 148 | 63.0 | 31.6 | 95.0 |

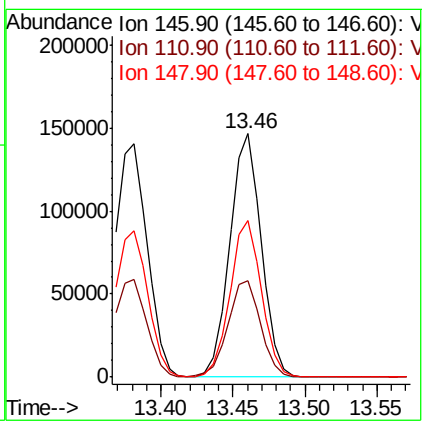


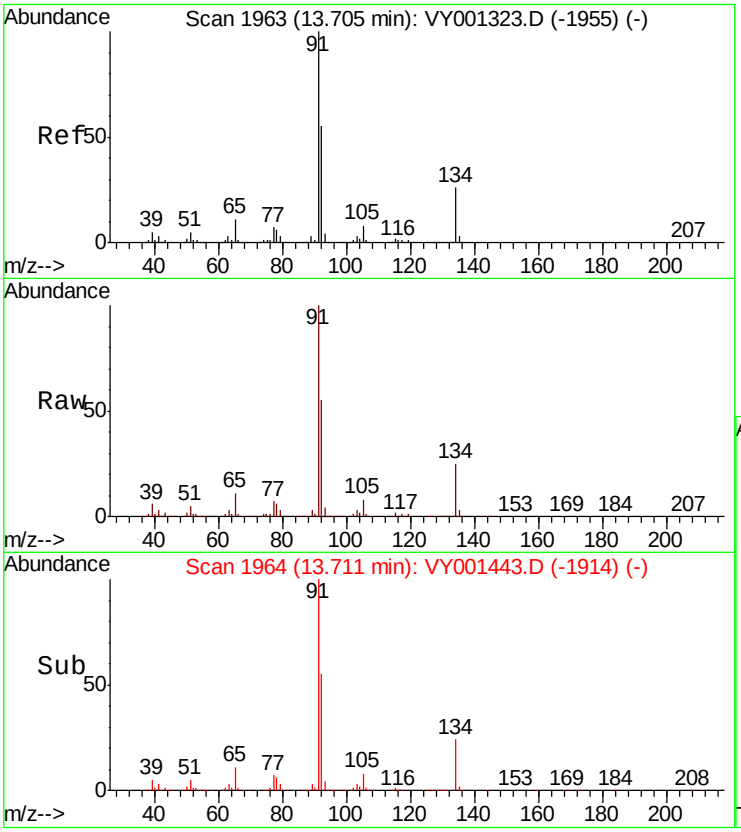




#88
1,4-Dichlorobenzene
Concen: 49.211 ug/l
RT: 13.46 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:146 Resp: 223036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.4 | 20.5 | 61.5 |
| 148 | 64.5 | 31.6 | 95.0 |



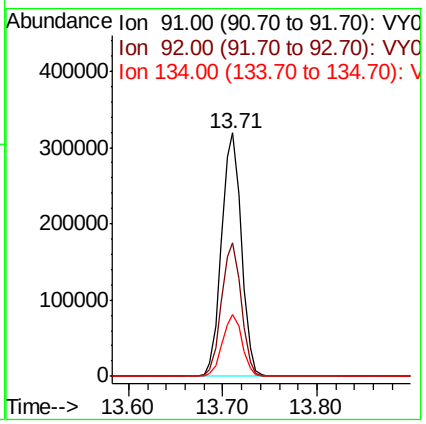


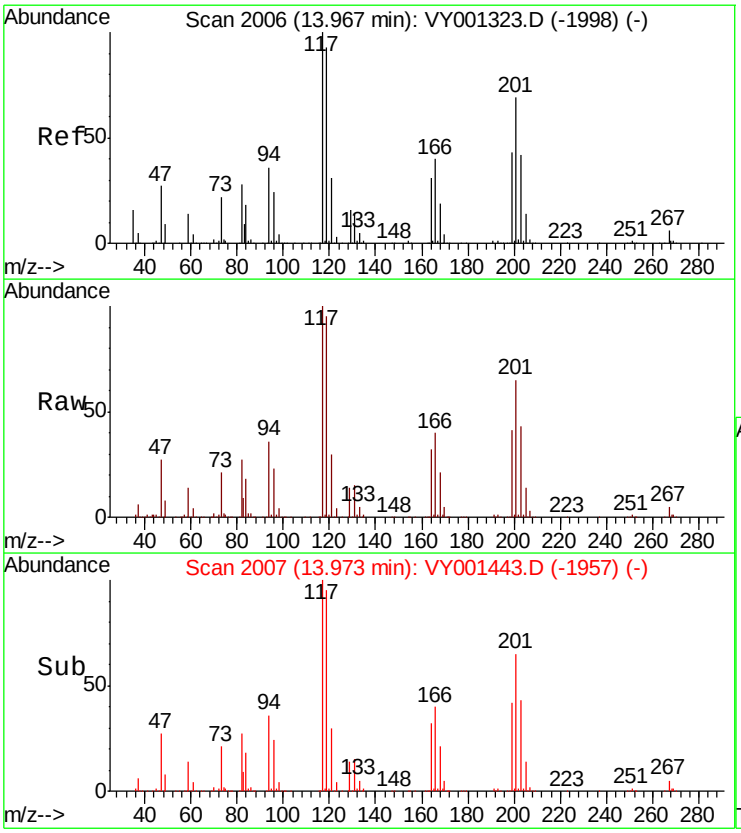

#89
n-Butylbenzene
Concen: 49.981 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion: 91 Resp: 463715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.6 | 27.6 | 82.8 |
| 134 | 25.1 | 12.9 | 38.6 |

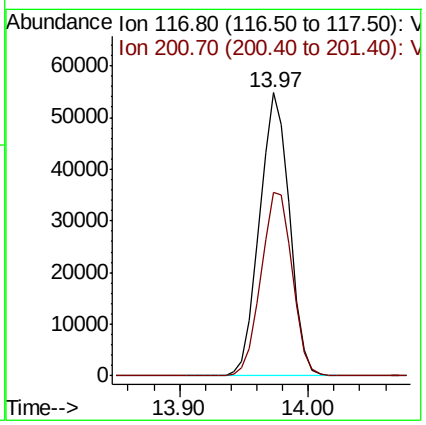


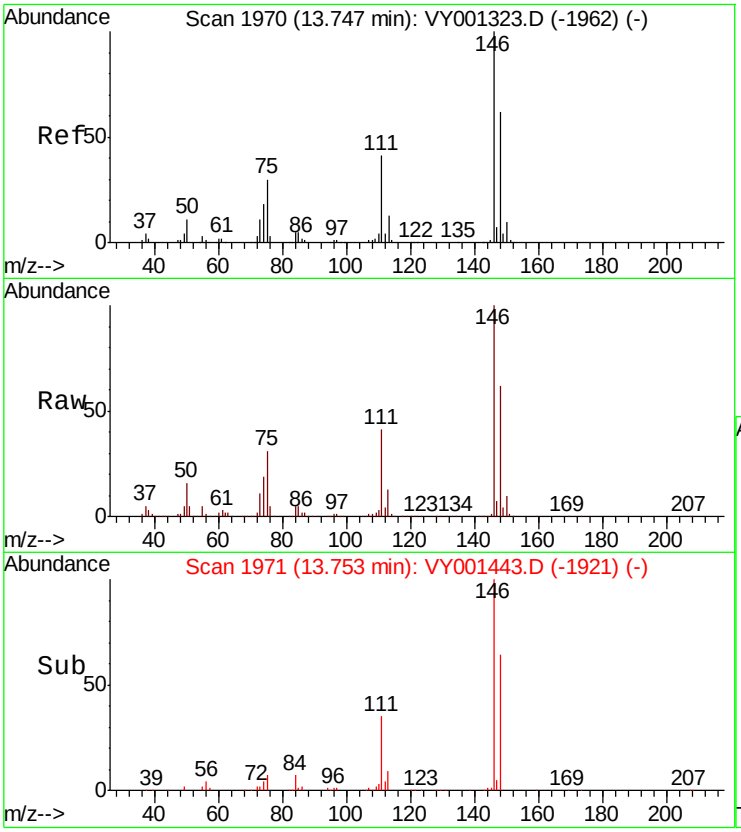




#90
Hexachloroethane
Concen: 50.537 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:117 Resp: 88309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 67.8 | 34.6 | 103.8 |



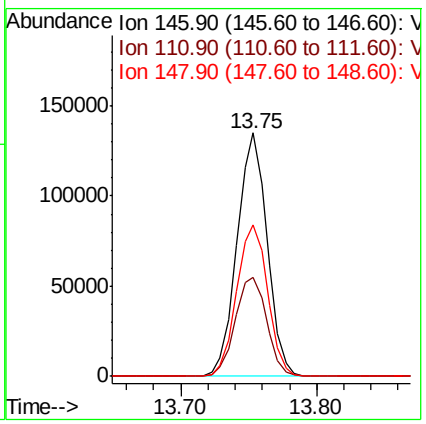


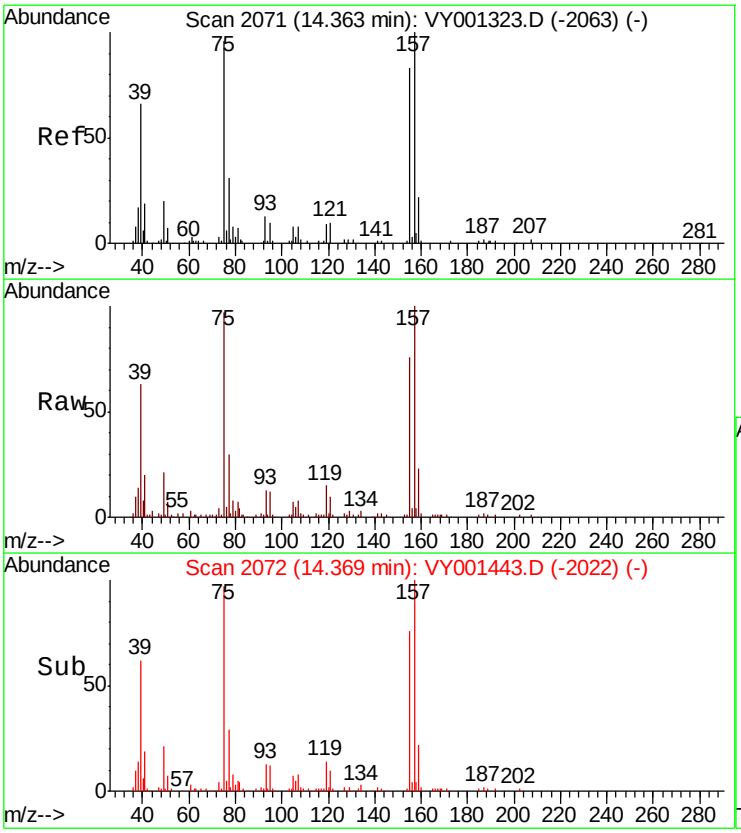

#91
1,2-Dichlorobenzene
Concen: 50.470 ug/l
RT: 13.75 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:146 Resp: 207767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 21.1 | 63.4 |
| 148 | 64.0 | 31.5 | 94.5 |

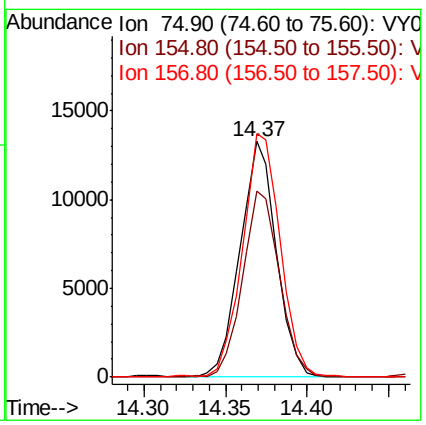


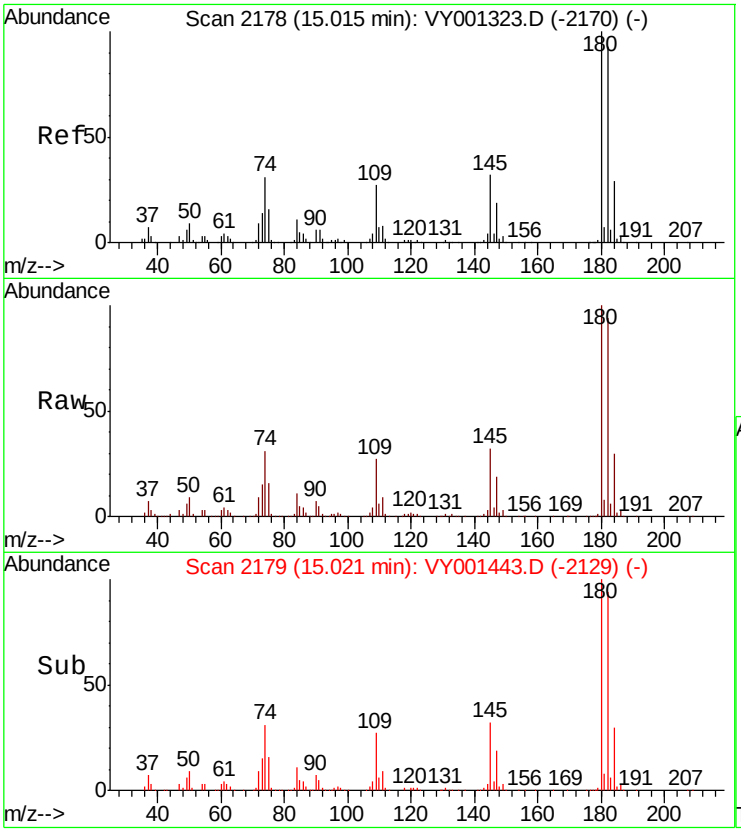




#92
1,2-Dibromo-3-Chloropropane
Concen: 53.111 ug/l
RT: 14.37 min Scan# 2072
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion: 75 Resp: 20539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 80.2 | 43.0 | 129.2 |
| 157 | 107.6 | 53.3 | 160.0 |



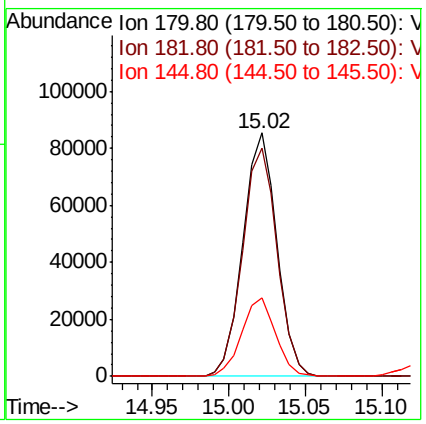


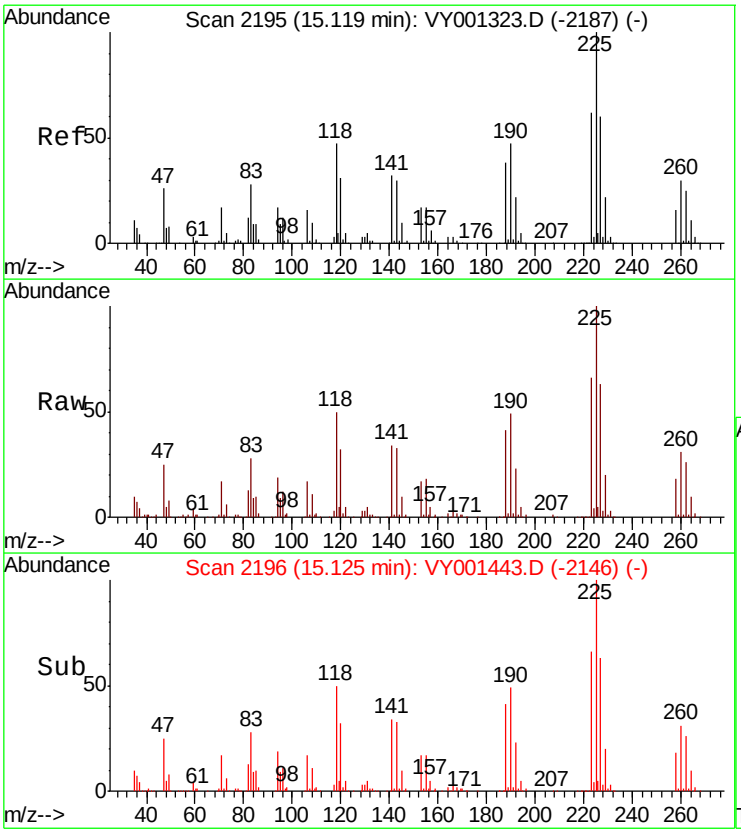

#93
1,2,4-Trichlorobenzene
Concen: 47.595 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:180 Resp: 131502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 47.6 | 142.8 |
| 145 | 32.4 | 16.3 | 48.9 |

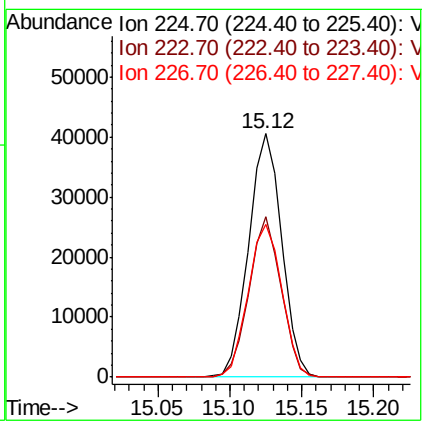


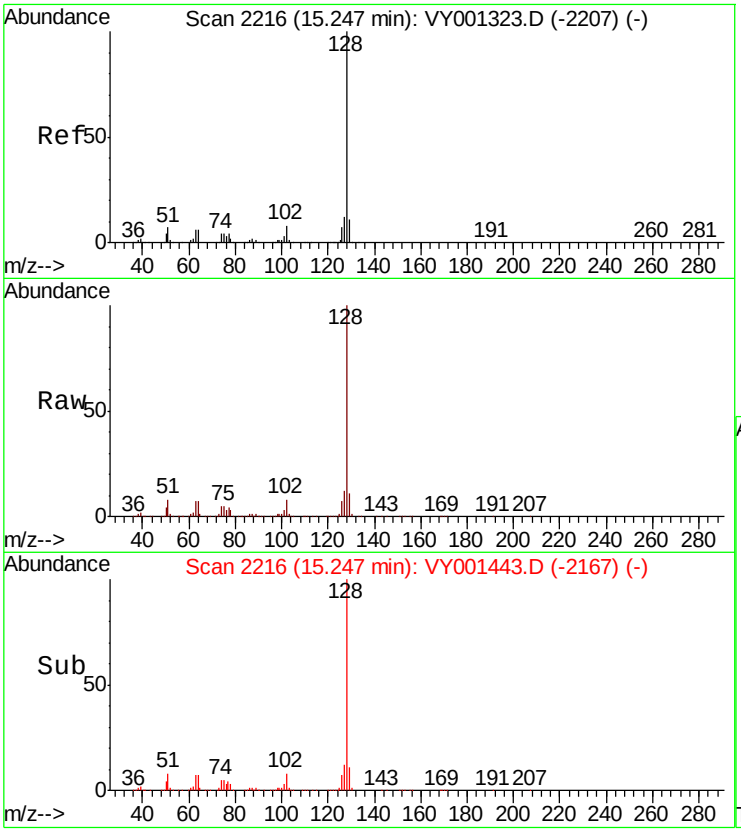




#94
Hexachlorobutadiene
Concen: 47.757 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:225 Resp: 64248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 31.2 | 93.6 |
| 227 | 63.8 | 31.0 | 93.0 |



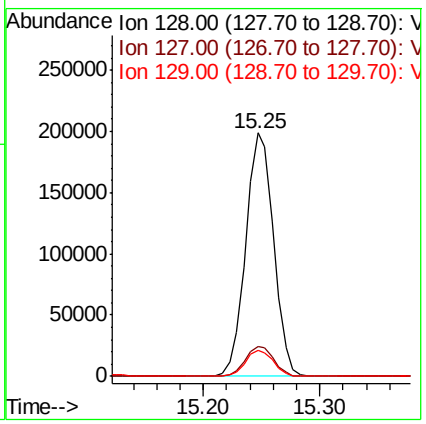


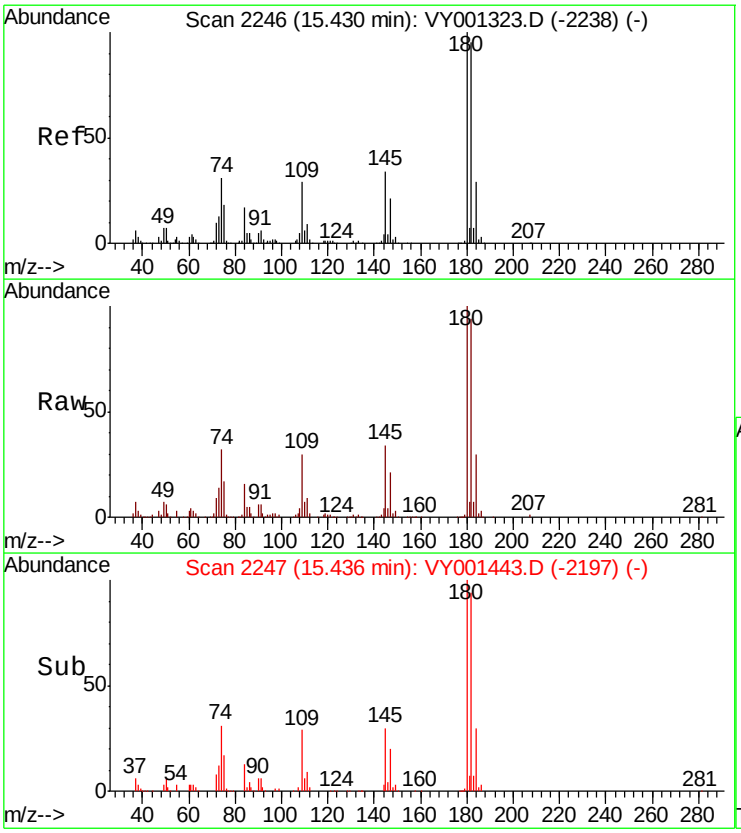

#95
Naphthalene
Concen: 52.609 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

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

Tgt Ion:128 Resp: 332370

| 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: 48.436 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001443.D
Acq: 30 Jan 2020 20:03

Tgt Ion:180 Resp: 117394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 47.3 | 141.8 |
| 145 | 33.9 | 16.8 | 50.3 |