Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\

Quantitation Report (Not Reviewed)

Data File : VW002278.D
Acq On : 07 May 2018 23:46
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Quant Time: May 08 03:17:31 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:17:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 233385 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.84 | 114 | 359812 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 331931 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 177149 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 12200 | 6.03 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 12.06% | | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 11203 | 4.96 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.92% | | | | |
| 50) Toluene-d8 | 10.33 | 98 | 42377 | 5.03 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 10.06% | | | | |
| 62) 4-Bromofluorobenzene | 12.63 | 95 | 15327 | 4.69 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.38% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.01 | 85 | 4648 | 2.59 | ug/l | | 86 |
| 3) Chloromethane | 2.21 | 50 | 10151 | 6.00 | ug/l | | 100 |
| 4) Vinyl Chloride | 2.36 | 62 | 14776 | 7.78 | ug/l | | 99 |
| 5) Bromomethane | 2.78 | 94 | 11207 | 7.42 | ug/l | | 94 |
| 6) Chloroethane | 2.92 | 64 | 9598 | 8.37 | ug/l | | 97 |
| 7) Trichlorofluoromethane | 3.25 | 101 | 5767 | 1.82 | ug/l | | 85 |
| 8) Diethyl Ether | 3.67 | 74 | 7235 | 7.99 | ug/l | | 94 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.04 | 101 | 11022 | 5.21 | ug/l | | 95 |
| 10) Methyl Iodide | 4.26 | 142 | 16883 | 7.13 | ug/l | | 100 |
| 11) Tert butyl alcohol | 5.19 | 59 | 4515 | 35.87 | ug/l | # | 96 |
| 12) 1,1-Dichloroethene | 4.03 | 96 | 10901 | 5.96 | ug/l | | 91 |
| 13) Acrolein | 3.89 | 56 | 3868 | 38.10 | ug/l | | 91 |
| 14) Allyl chloride | 4.65 | 41 | 15198 | 6.67 | ug/l | | 99 |
| 15) Acrylonitrile | 5.37 | 53 | 13120 | 38.32 | ug/l | | 95 |
| 16) Acetone | 4.12 | 43 | 13729 | 34.09 | ug/l | | 100 |
| 17) Carbon Disulfide | 4.37 | 76 | 31316 | 5.45 | ug/l | # | 94 |
| 18) Methyl Acetate | 4.67 | 43 | 7922 | 8.95 | ug/l | | 96 |
| 19) Methyl tert-butyl Ether | 5.43 | 73 | 17965 | 4.84 | ug/l | | 93 |
| 20) Methylene Chloride | 4.90 | 84 | 12865 | 5.66 | ug/l | | 95 |
| 21) trans-1,2-Dichloroethene | 5.40 | 96 | 11251 | 5.51 | ug/l | | 89 |
| 22) Diisopropyl ether | 6.31 | 45 | 31396 | 6.90 | ug/l | | 94 |
| 23) Vinyl Acetate | 6.26 | 43 | 87094 | 35.93 | ug/l | | 100 |
| 24) 1,1-Dichloroethane | 6.21 | 63 | 20422 | 6.15 | ug/l | | 96 |
| 25) 2-Butanone | 7.18 | 43 | 17341 | 38.69 | ug/l | | 95 |
| 26) 2,2-Dichloropropane | 7.17 | 77 | 11003 | 3.54 | ug/l | | 94 |
| 27) cis-1,2-Dichloroethene | 7.16 | 96 | 12811 | 5.93 | ug/l | | 98 |
| 28) Bromochloromethane | 7.51 | 49 | 9472 | 8.12 | ug/l | | 94 |
| 29) Tetrahydrofuran | 7.54 | 42 | 11501 | 44.14 | ug/l | | 94 |
| 30) Chloroform | 7.67 | 83 | 21044 | 5.48 | ug/l | | 91 |
| 31) Cyclohexane | 7.95 | 56 | 20783 | 6.91 | ug/l | # | 74 |
| 32) 1,1,1-Trichloroethane | 7.87 | 97 | 16073 | 4.36 | ug/l | | 93 |
| 36) 1,1-Dichloropropene | 8.08 | 75 | 15745 | 4.73 | ug/l | | 97 |
| 37) Ethyl Acetate | 7.26 | 43 | 7903 | 7.47 | ug/l | # | 92 |
| 38) Carbon Tetrachloride | 8.06 | 117 | 15114 | 3.75 | ug/l | | 93 |

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\

Quantitation Report (Not Reviewed)

Data File : VW002278.D
Acq On : 07 May 2018 23:46
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Quant Time: May 08 03:17:31 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:17:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.34 | 83 | 18221 | 4.81 | ug/l | | 96 |
| 40) Benzene | 8.32 | 78 | 46364 | 5.04 | ug/l | | 98 |
| 41) Methacrylonitrile | 7.49 | 41 | 3531 | 6.02 | ug/l | # | 69 |
| 42) 1,2-Dichloroethane | 8.40 | 62 | 14601 | 5.15 | ug/l | | 98 |
| 43) Isopropyl Acetate | 8.43 | 43 | 13356 | 6.37 | ug/l | | 99 |
| 44) Trichloroethene | 9.09 | 130 | 13204 | 4.55 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 9.37 | 63 | 11715 | 5.59 | ug/l | | 97 |
| 46) Dibromomethane | 9.46 | 93 | 6372 | 5.34 | ug/l | | 97 |
| 47) Bromodichloromethane | 9.65 | 83 | 14775 | 4.62 | ug/l | | 95 |
| 48) Methyl methacrylate | 9.44 | 41 | 6588 | 6.48 | ug/l | | 96 |
| 49) 1,4-Dioxane | 9.46 | 88 | 1966 | 107.34 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 10.22 | 43 | 37554 | 35.59 | ug/l | | 100 |
| 52) Toluene | 10.40 | 92 | 28316 | 4.67 | ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.62 | 75 | 13573 | 4.70 | ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 10.08 | 75 | 16292 | 4.92 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.79 | 97 | 9116 | 5.21 | ug/l | | 96 |
| 56) Ethyl methacrylate | 10.65 | 69 | 9680 | 5.34 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 10.94 | 76 | 14985 | 5.46 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 9.93 | 63 | 23638 | 29.97 | ug/l | | 98 |
| 59) 2-Hexanone | 10.98 | 43 | 24177 | 31.96 | ug/l | | 100 |
| 60) Dibromochloromethane | 11.13 | 129 | 9998 | 4.24 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.24 | 107 | 8544 | 5.26 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.87 | 164 | 12337 | 4.36 | ug/l | | 95 |
| 65) Chlorobenzene | 11.66 | 112 | 33614 | 4.77 | ug/l | | 94 |
| 66) 1,1,1,2-Tetrachloroethane | 11.74 | 131 | 11316 | 4.23 | ug/l | | 97 |
| 67) Ethyl Benzene | 11.74 | 91 | 54830 | 4.76 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.85 | 106 | 42414 | 9.15 | ug/l | | 96 |
| 69) o-Xylene | 12.17 | 106 | 19398 | 4.65 | ug/l | | 99 |
| 70) Styrene | 12.19 | 104 | 30682 | 4.42 | ug/l | | 98 |
| 71) Bromoform | 12.36 | 173 | 6058 | 4.12 | ug/l | # | 98 |
| 73) Isopropylbenzene | 12.48 | 105 | 53527 | 4.88 | ug/l | | 100 |
| 74) N-amyl acetate | 12.29 | 43 | 12370 | 6.97 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 12.72 | 83 | 10802 | 6.47 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.77 | 75 | 12998 | 10.84 | ug/l | # | 16 |
| 77) Bromobenzene | 12.76 | 156 | 14567 | 5.08 | ug/l | | 93 |
| 78) n-propylbenzene | 12.82 | 91 | 62576 | 4.89 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.90 | 91 | 36761 | 4.89 | ug/l | | 97 |
| 80) 1,3,5-Trimethylbenzene | 12.96 | 105 | 44010 | 4.60 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75 | 2539 | 5.69 | ug/l | | 91 |
| 82) 4-Chlorotoluene | 13.00 | 91 | 39074 | 4.60 | ug/l | | 100 |
| 83) tert-Butylbenzene | 13.22 | 119 | 37797 | 4.50 | ug/l | | 95 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 45628 | 4.64 | ug/l | | 97 |
| 85) sec-Butylbenzene | 13.40 | 105 | 55700 | 4.78 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.51 | 119 | 49112 | 4.59 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.51 | 146 | 28461 | 4.85 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 13.59 | 146 | 28539 | 4.87 | ug/l | | 92 |
| 89) n-Butylbenzene | 13.83 | 91 | 47091 | 4.91 | ug/l | | 98 |
| 90) Hexachloroethane | 14.11 | 117 | 8637 | 4.16 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 13.88 | 146 | 25880 | 5.04 | ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75 | 1843 | 5.90 | ug/l | | 87 |

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\

Quantitation Report (Not Reviewed)

Data File : VW002278.D
Acq On : 07 May 2018 23:46
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Quant Time: May 08 03:17:31 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:17:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180 | 18690 | 4.98 | ug/l | 98 |
| 94) Hexachlorobutadiene | 15.26 | 225 | 10658 | 4.08 | ug/l | 99 |
| 95) Naphthalene | 15.38 | 128 | 30287 | 5.42 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180 | 16534 | 5.16 | ug/l | 99 |

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

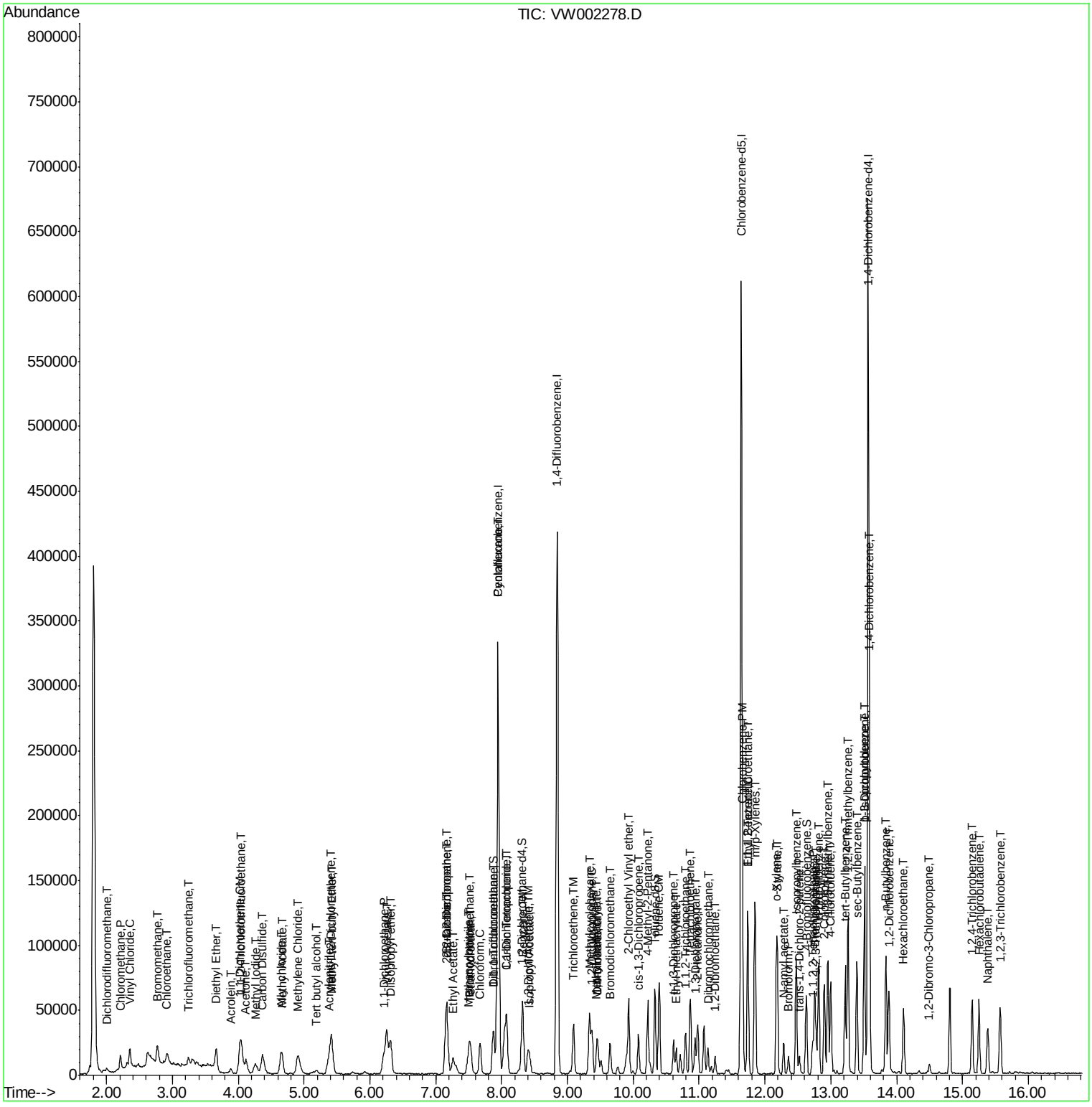
Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\

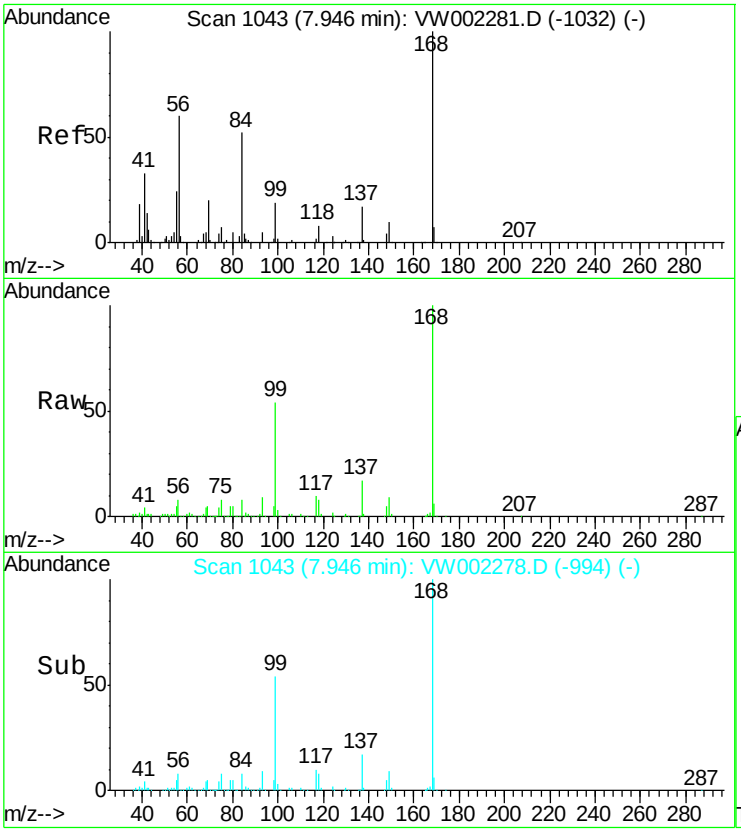
Quantitation Report (Not Reviewed)

Data File : VW002278.D
Acq On : 07 May 2018 23:46
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Quant Time: May 08 03:17:31 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:17:21 2018
Response via : Initial Calibration



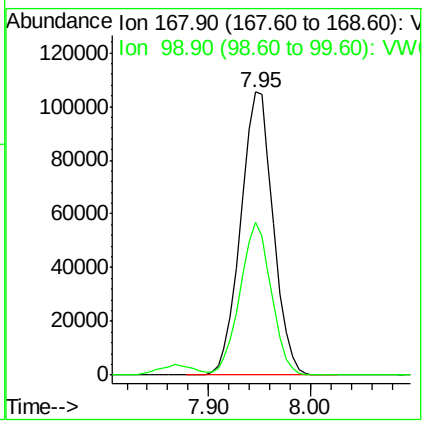


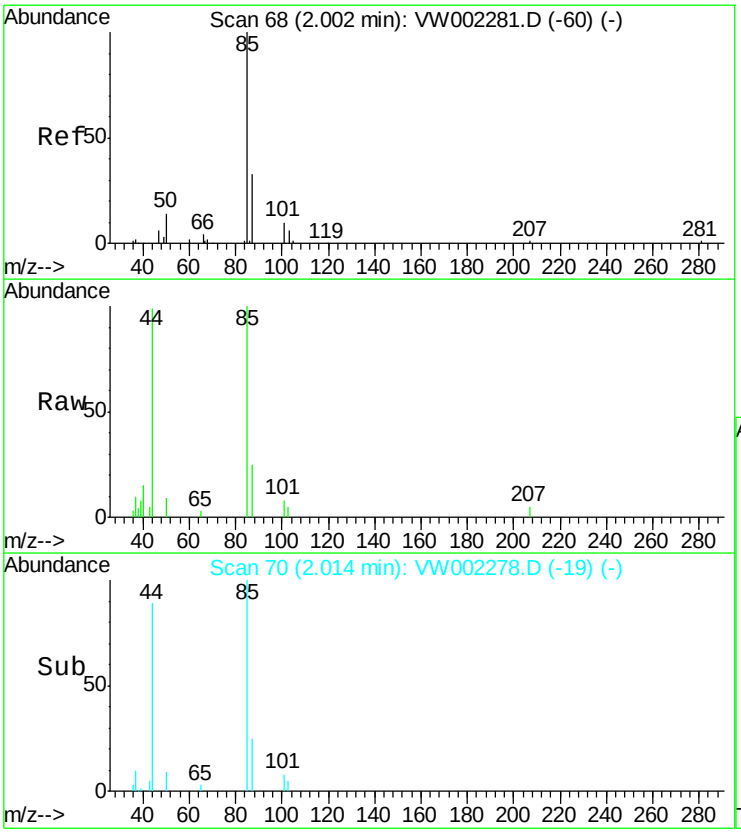

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:168 Resp: 233385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.8 | 43.7 | 65.5 |

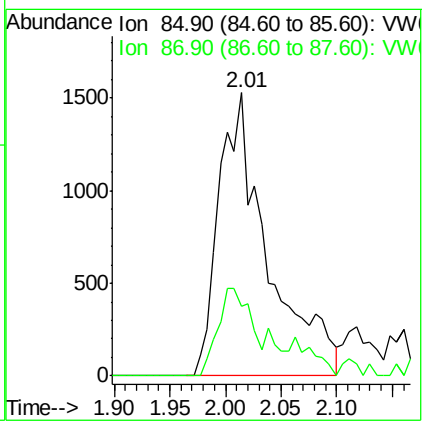


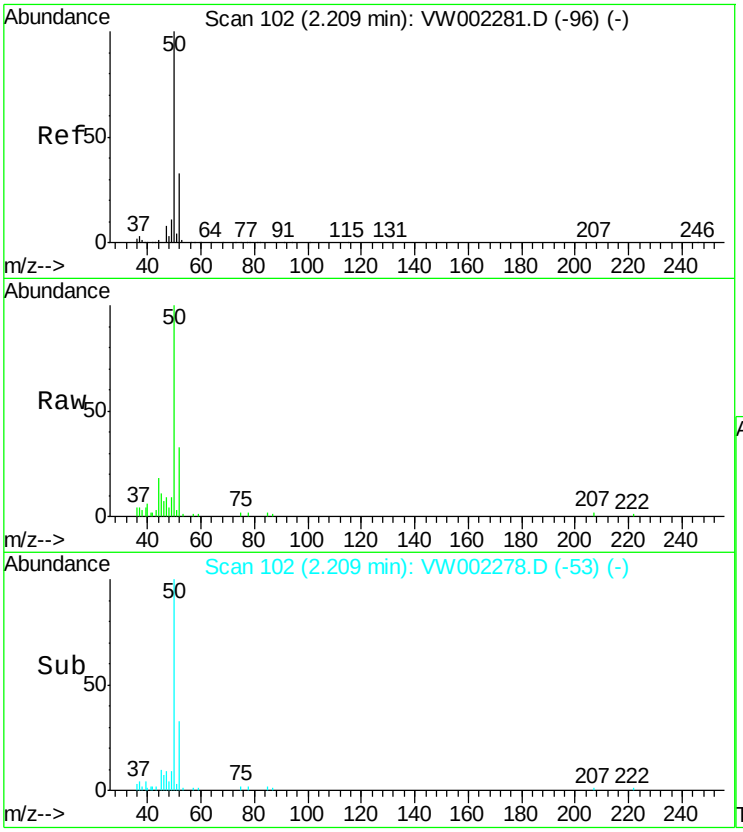




#2
Dichlorodifluoromethane
Concen: 2.59 ug/l
RT: 2.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 85 Resp: 4648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 24.8 | 16.4 | 49.4 |



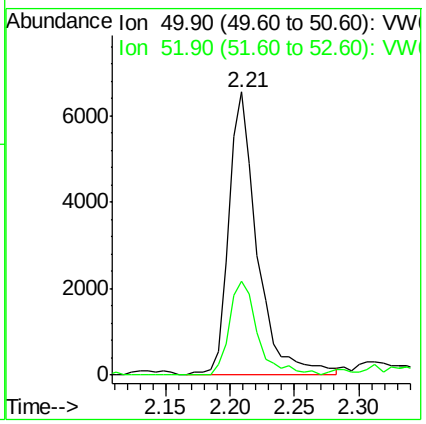


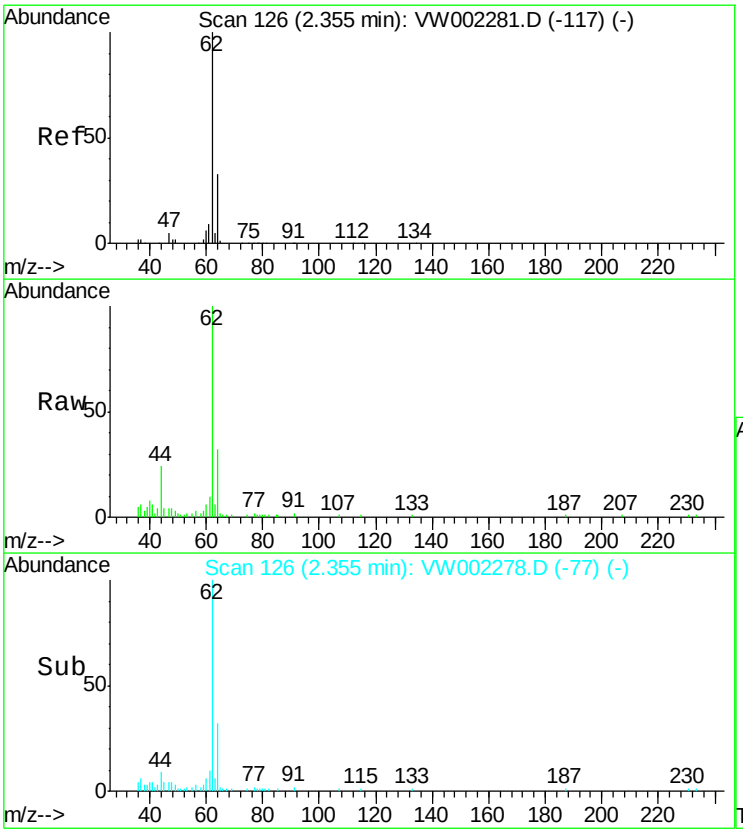

#3
Chloromethane
Concen: 6.00 ug/l
RT: 2.21 min Scan# 102
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 50 Resp: 10151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.1 | 26.5 | 39.7 |

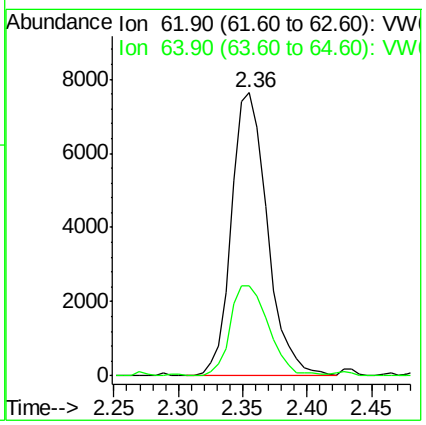


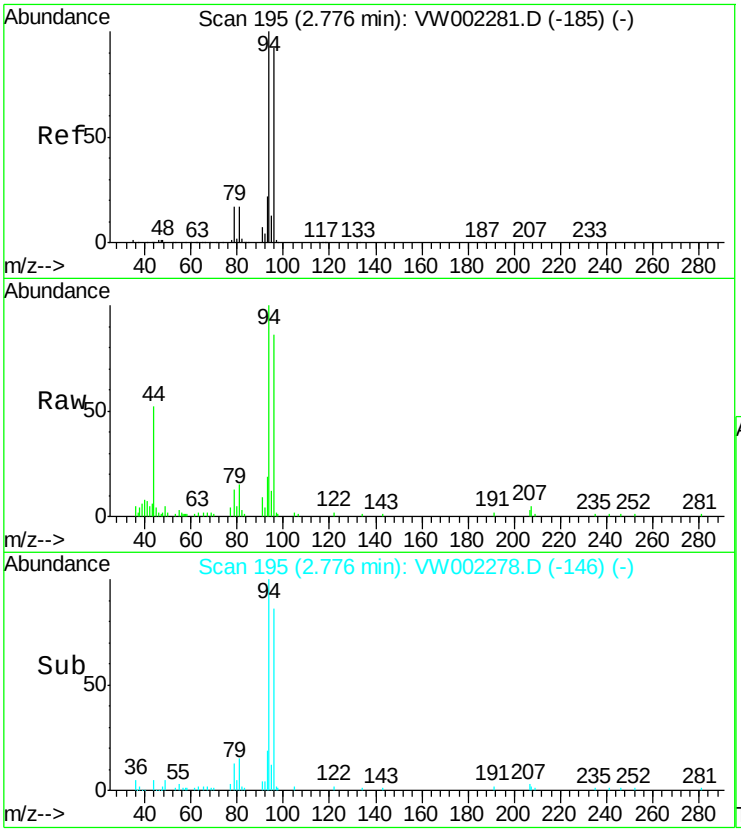




#4
Vinyl Chloride
Concen: 7.78 ug/l
RT: 2.36 min Scan# 126
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 62 Resp: 14776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.9 | 26.1 | 39.1 |



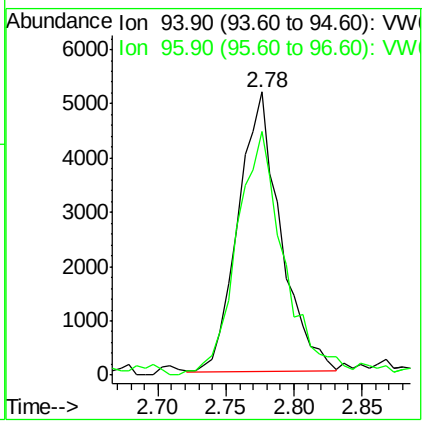


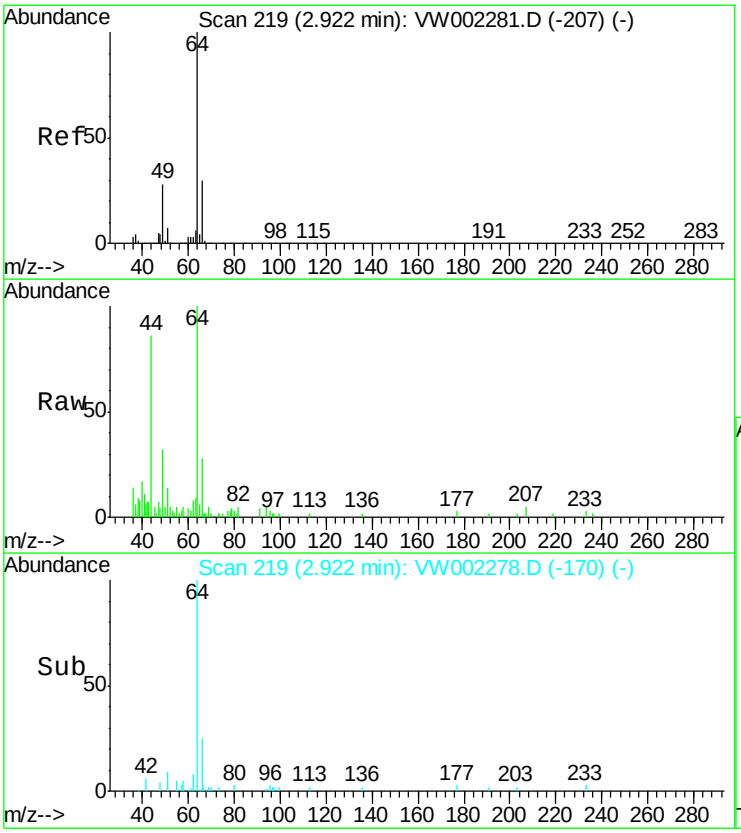

#5
Bromomethane
Concen: 7.42 ug/l
RT: 2.78 min Scan# 195
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 94 Resp: 11207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 86.2 | 73.6 | 110.4 |

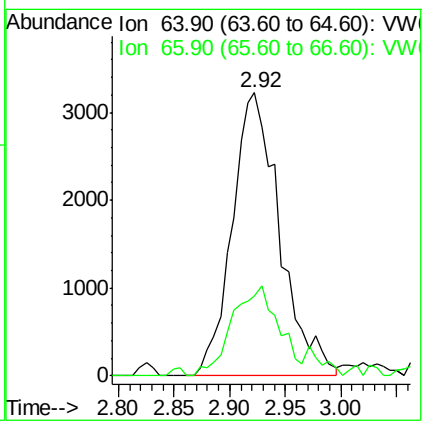


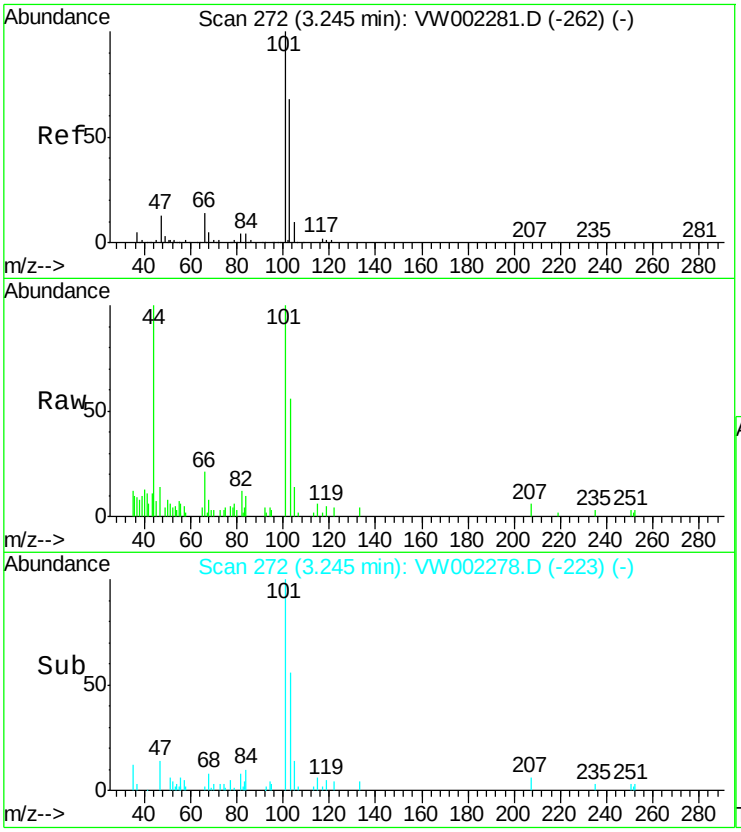




#6
Chloroethane
Concen: 8.37 ug/l
RT: 2.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 64 Resp: 9598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 28.1 | 23.8 | 35.6 |



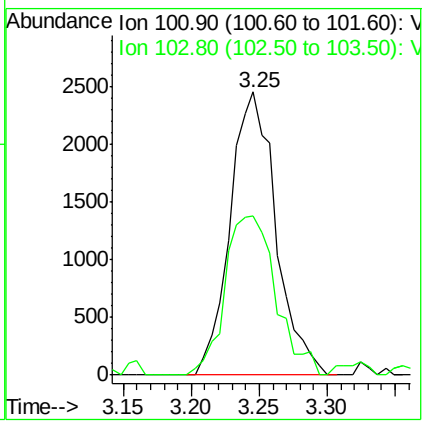


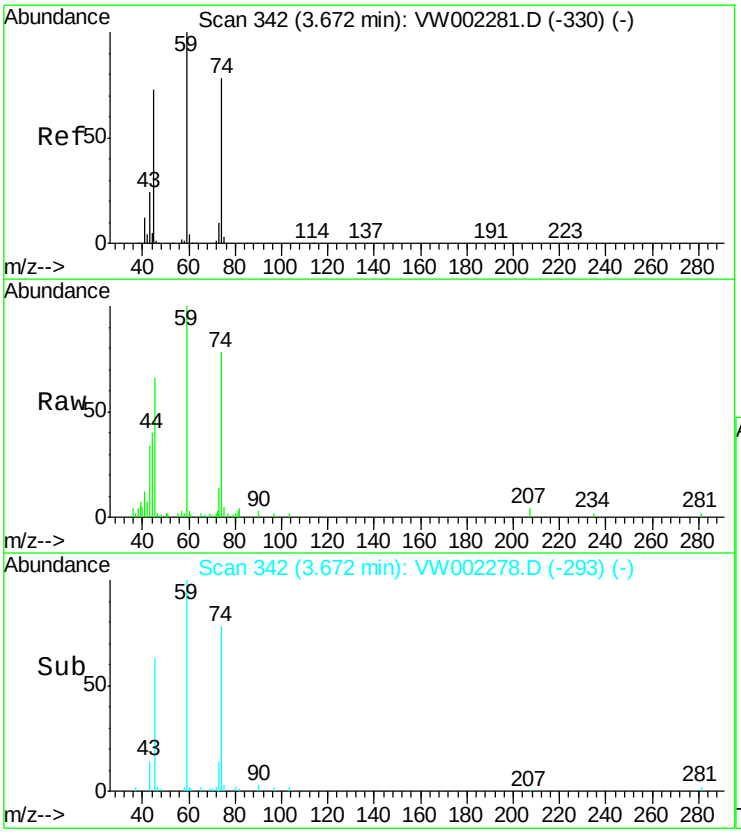

#7
Trichlorofluoromethane
Concen: 1.82 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 5767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 56.4 | 54.6 | 82.0 |

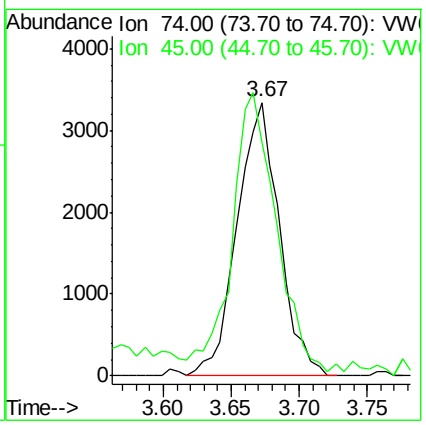


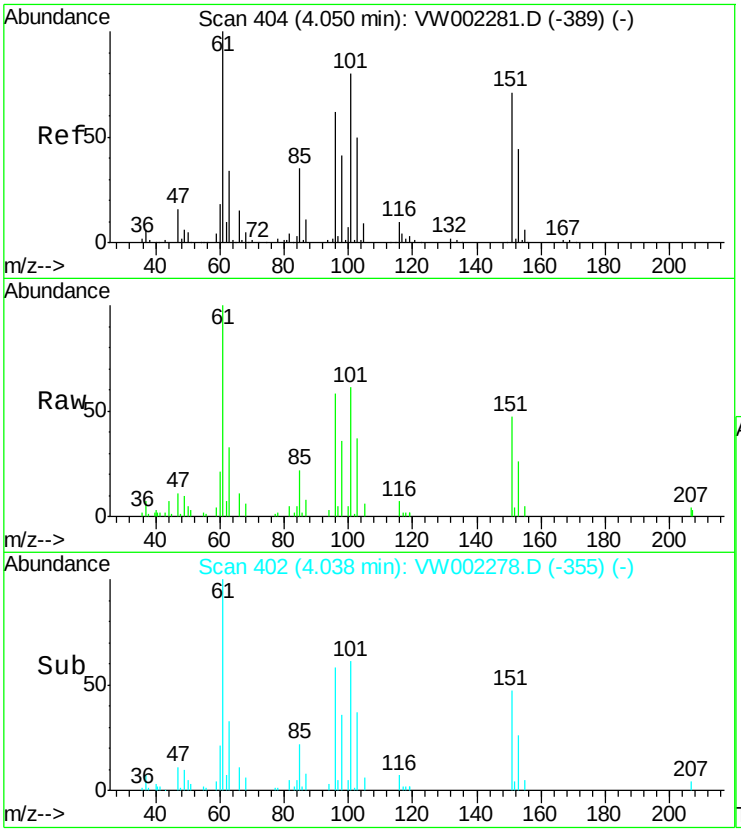




#8
Diethyl Ether
Concen: 7.99 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 74 Resp: 7235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 105.3 | 49.5 | 148.5 |



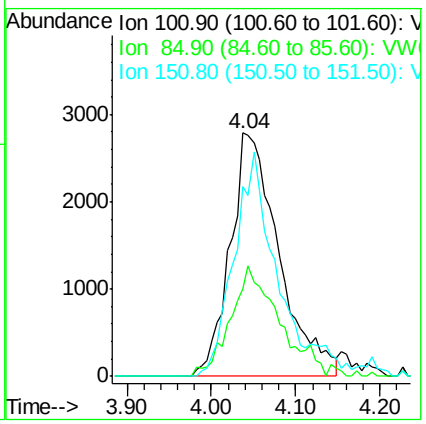


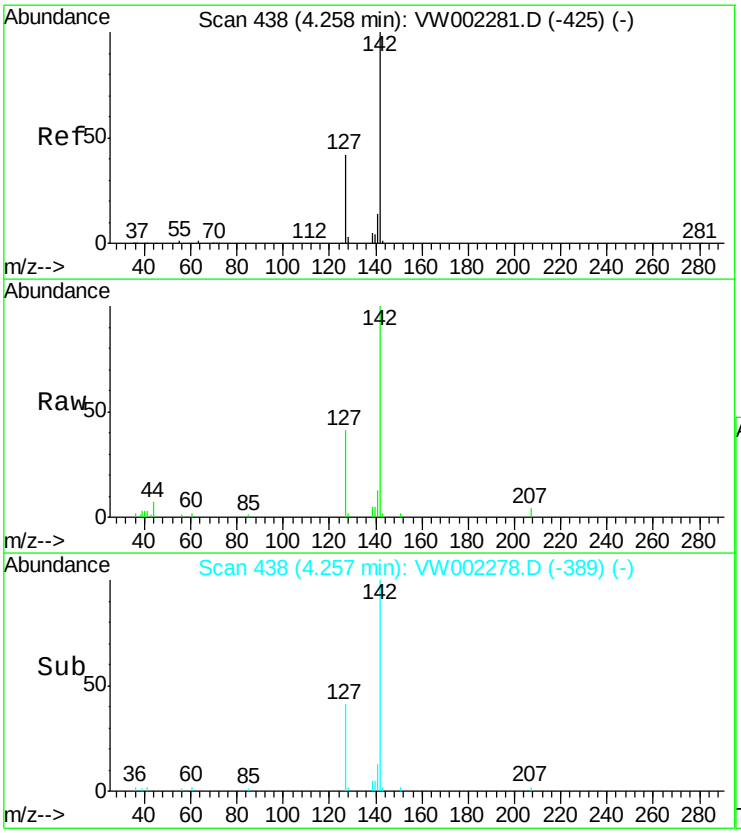

#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.21 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 11022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.6 | 35.9 | 53.9 |
| 151 | 74.9 | 65.4 | 98.2 |

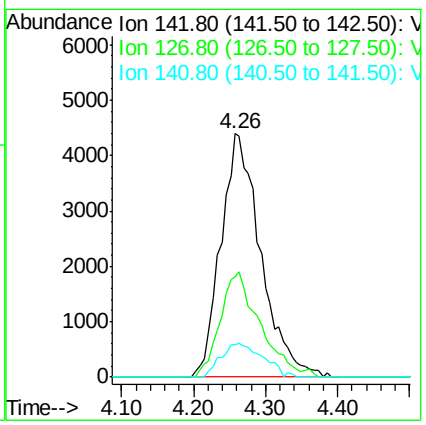


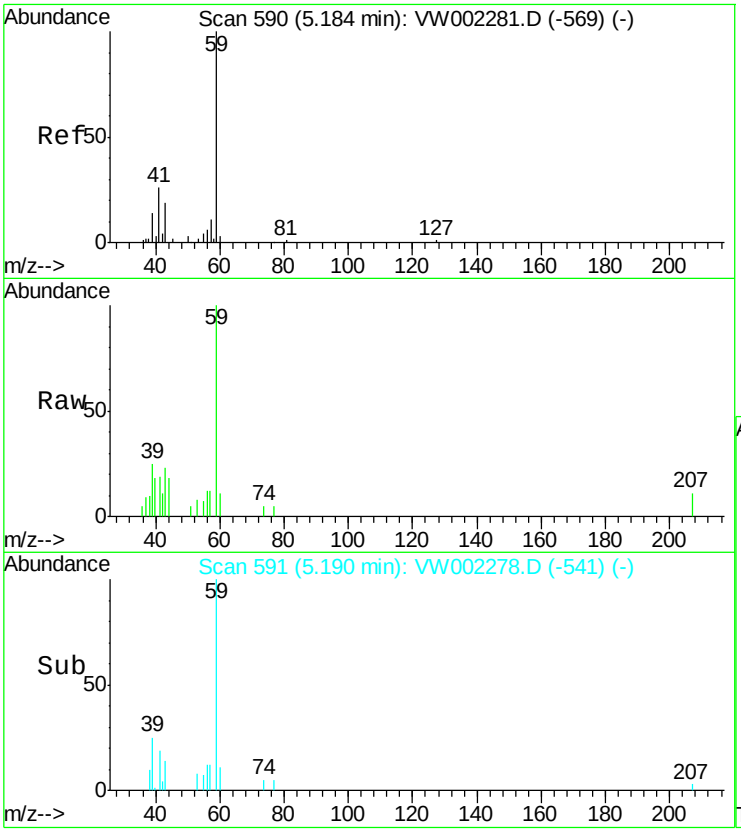




#10
Methyl Iodide
Concen: 7.13 ug/l
RT: 4.26 min Scan# 438
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:142 Resp: 16883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.3 | 34.7 | 52.1 |
| 141 | 14.6 | 11.9 | 17.9 |



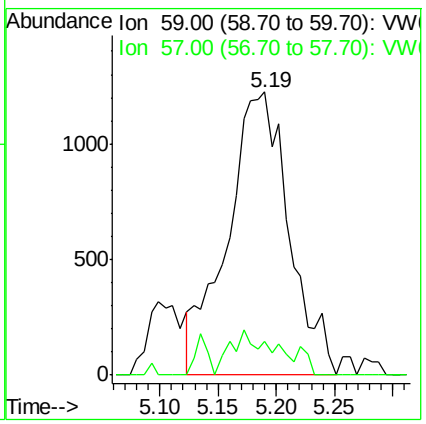


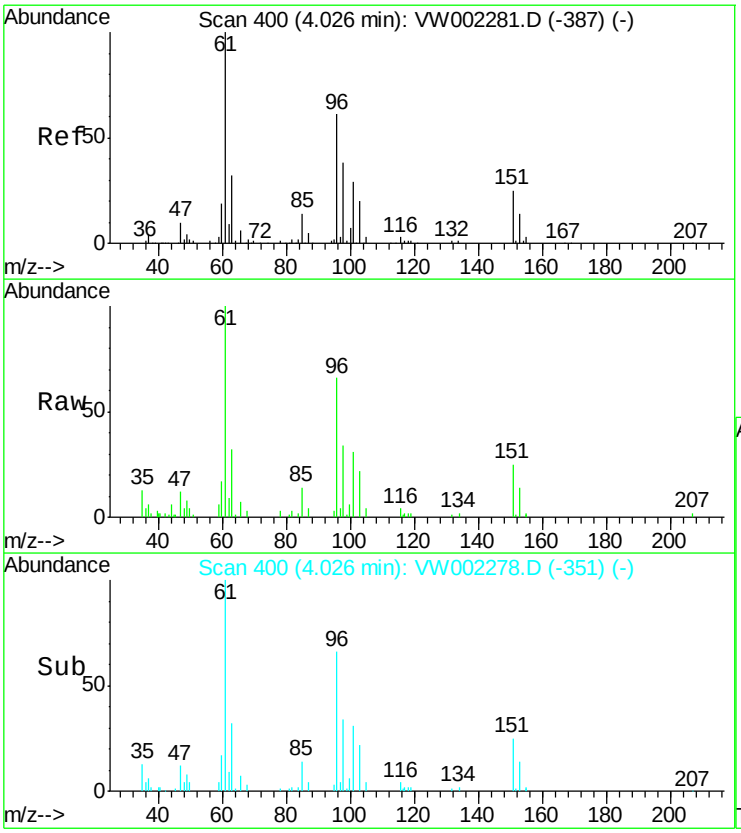

#11
Tert butyl alcohol
Concen: 35.87 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 59 Resp: 4515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 6.3 | 3.9 | 5.9# |

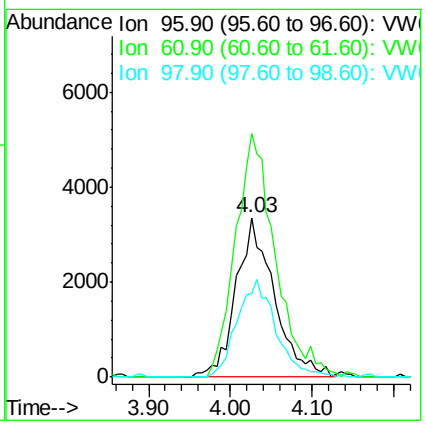


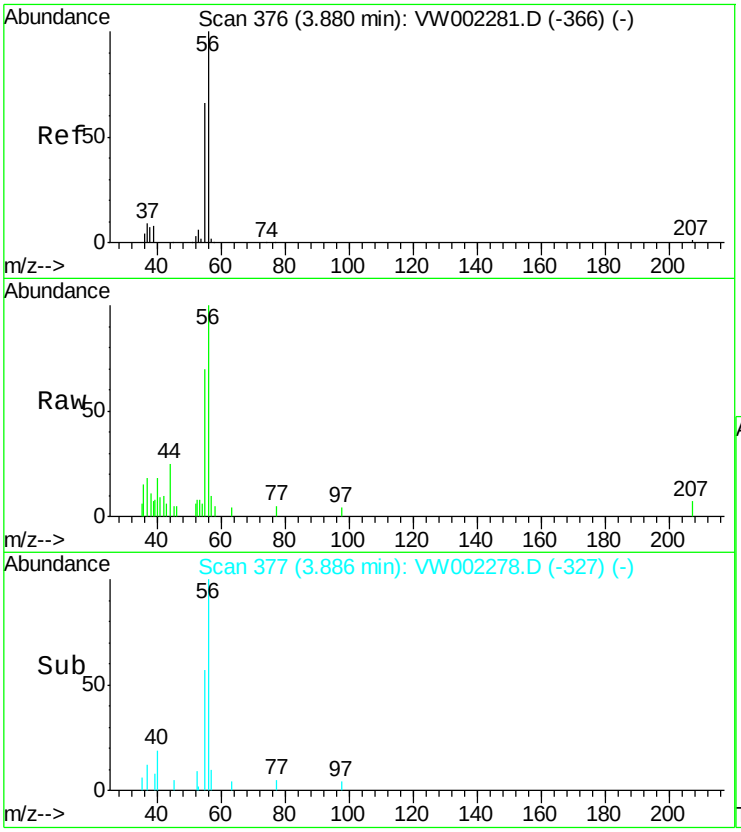




#12
1,1-Dichloroethene
Concen: 5.96 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 96 Resp: 10901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.7 | 130.6 | 196.0 |
| 98 | 52.1 | 49.0 | 73.4 |



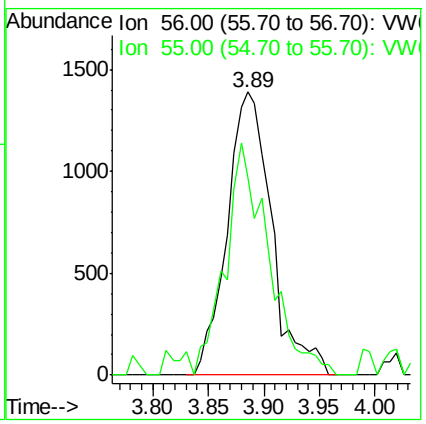


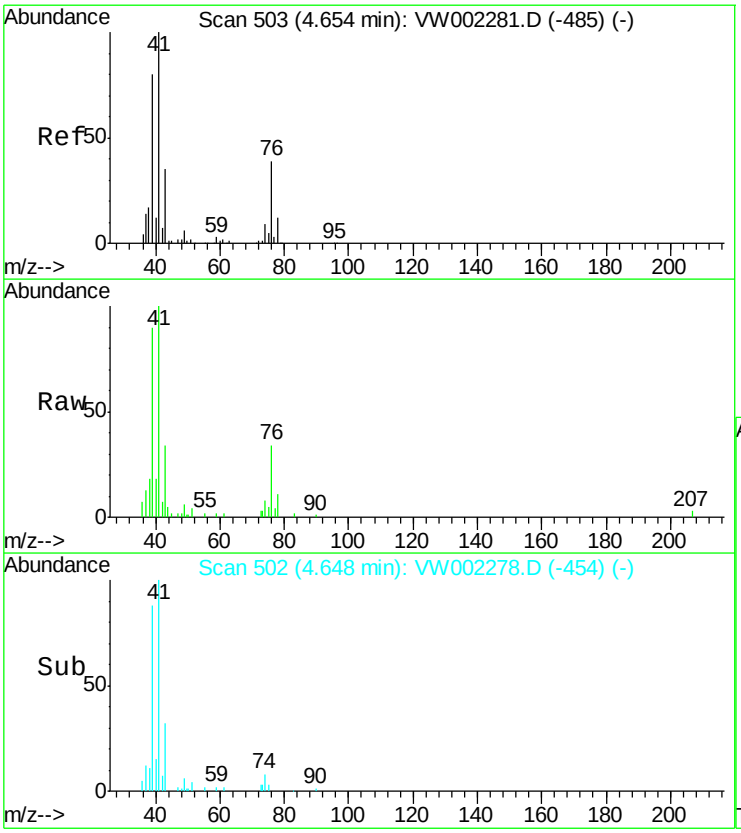

#13
Acrolein
Concen: 38.10 ug/l
RT: 3.89 min Scan# 377
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 56 Resp: 3868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 79.3 | 57.3 | 85.9 |

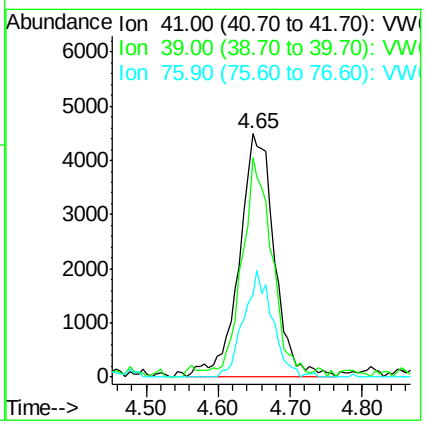


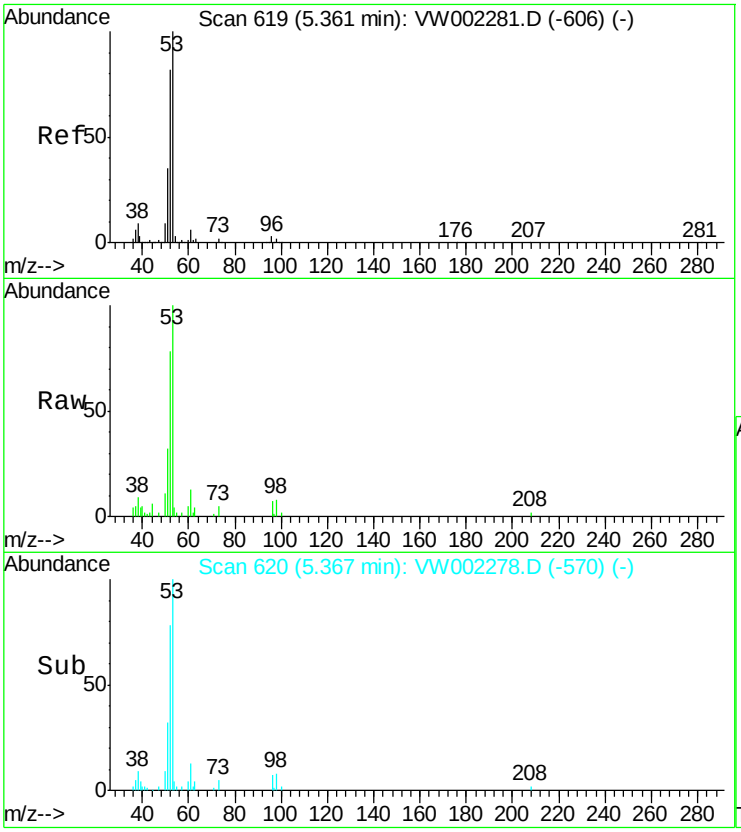




#14
Allyl chloride
Concen: 6.67 ug/l
RT: 4.65 min Scan# 502
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 41 Resp: 15198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 76.6 | 61.7 | 92.5 |
| 76 | 35.8 | 29.8 | 44.6 |



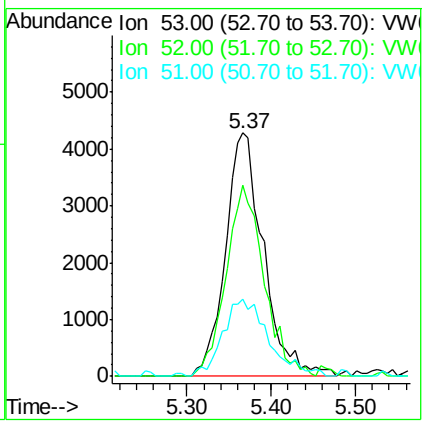


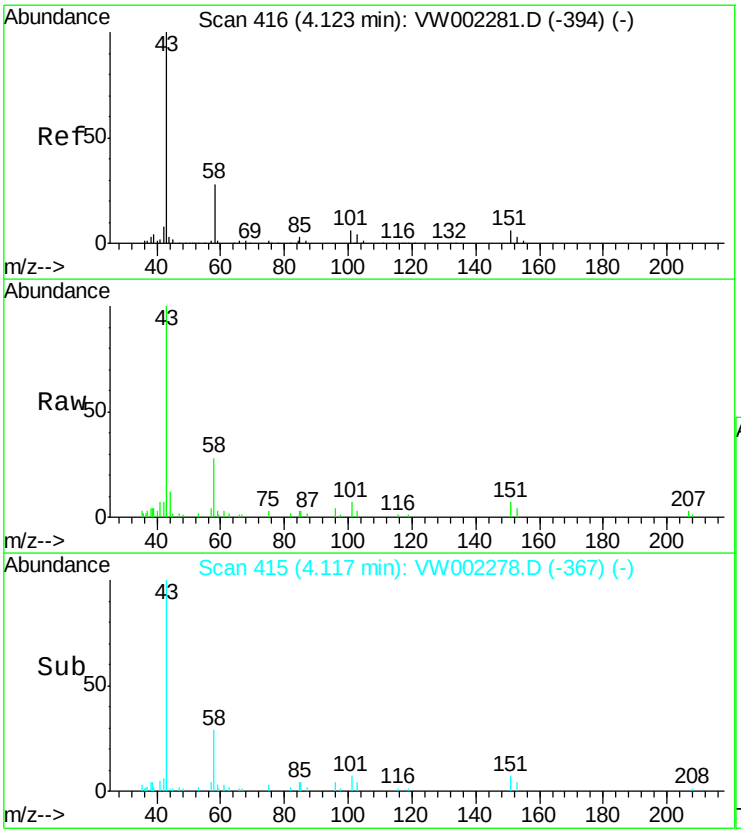

#15
Acrylonitrile
Concen: 38.32 ug/l
RT: 5.37 min Scan# 620
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 53 Resp: 13120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 78.6 | 67.9 | 101.9 |
| 51 | 38.3 | 30.0 | 45.0 |

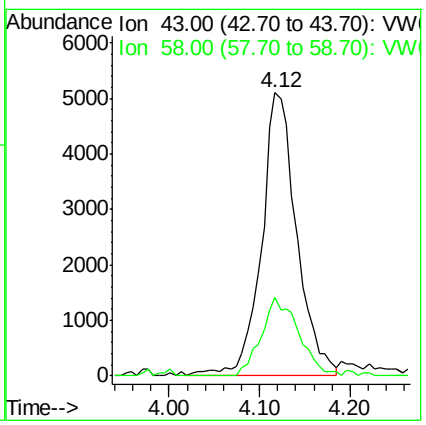


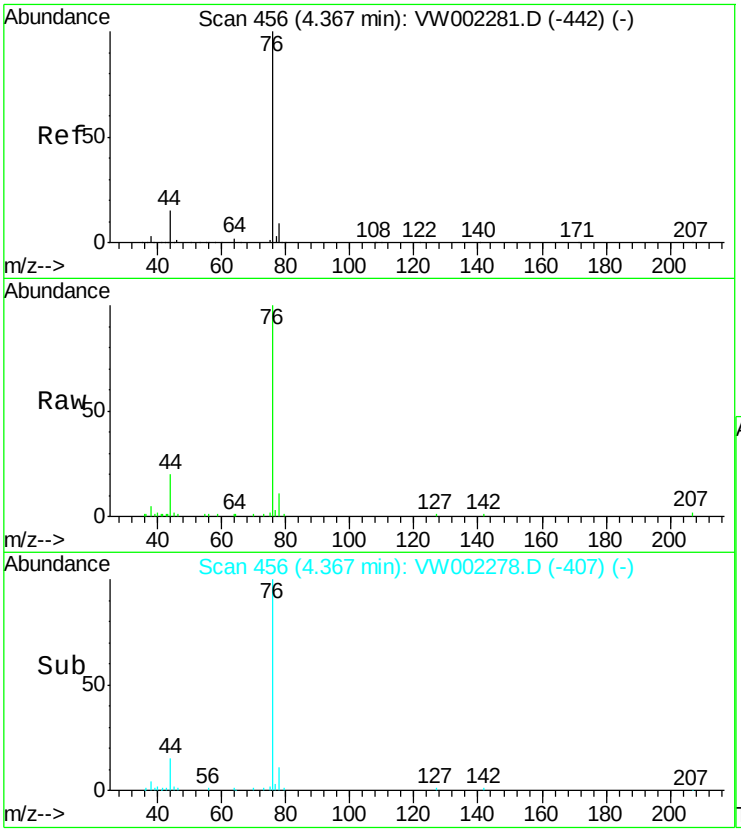




#16
Acetone
Concen: 34.09 ug/l
RT: 4.12 min Scan# 415
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 43 Resp: 13729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.8 | 22.2 | 33.4 |



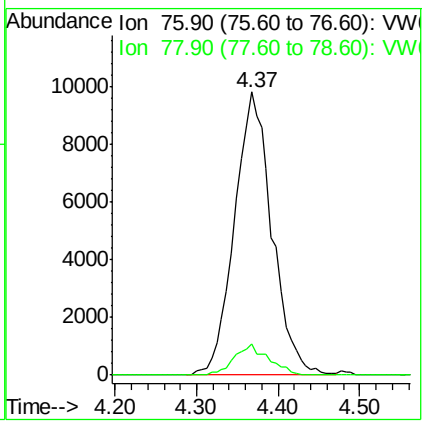


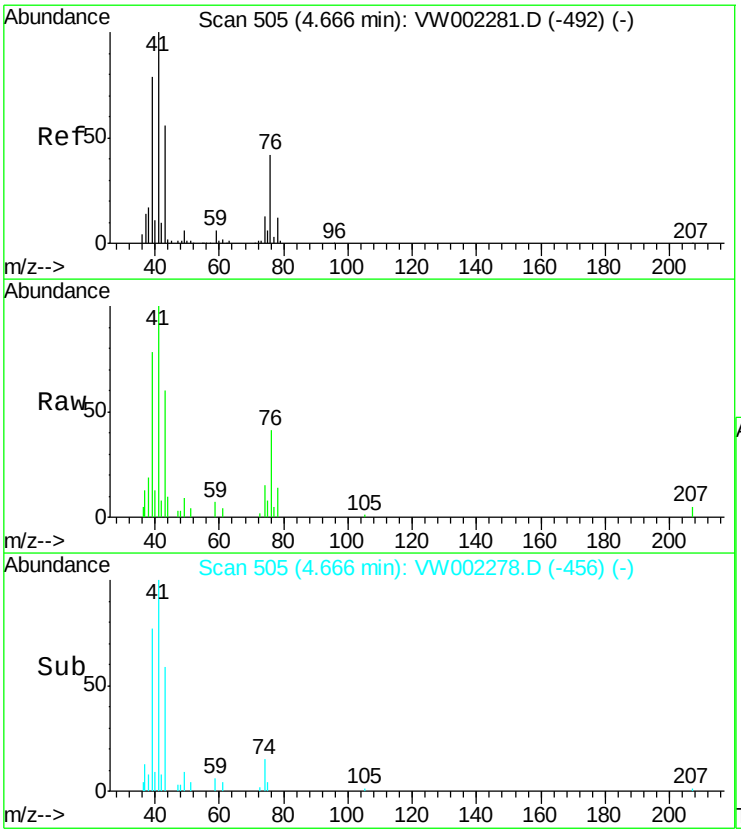

#17
Carbon Disulfide
Concen: 5.45 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 31316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.9 | 6.9 | 10.3# |

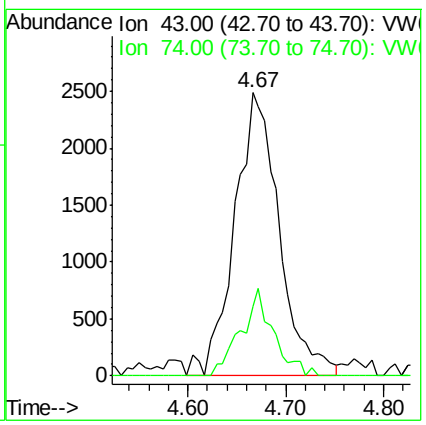


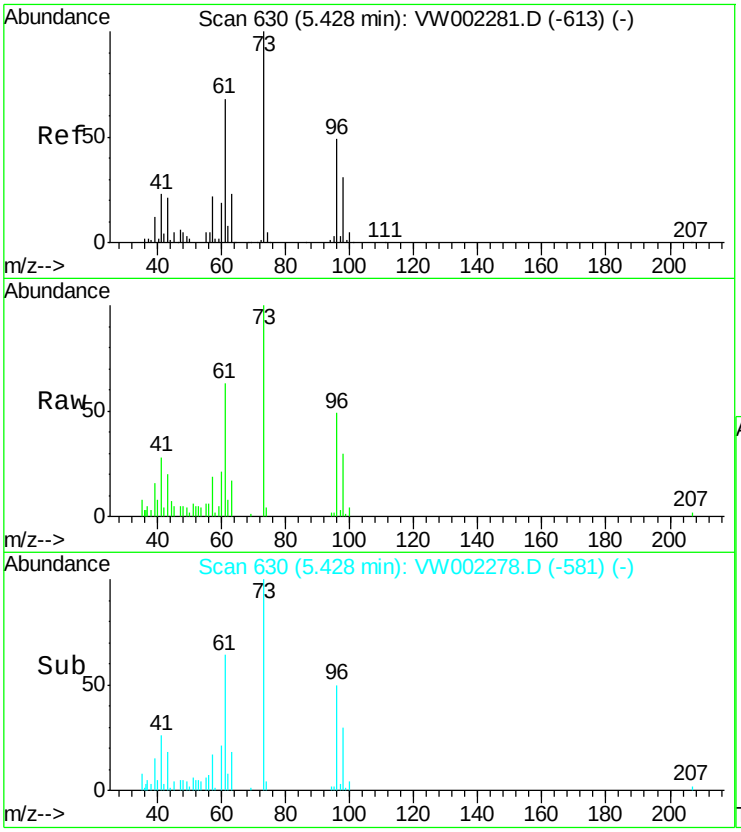




#18
Methyl Acetate
Concen: 8.95 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 43 Resp: 7922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.5 | 19.4 | 29.2 |



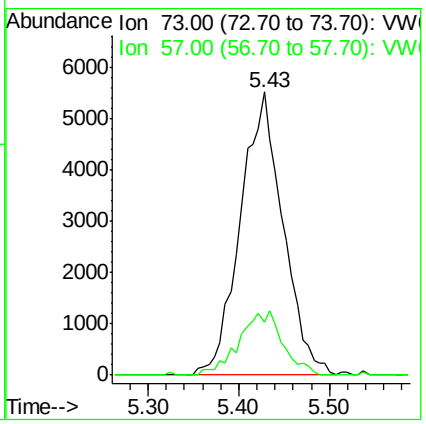


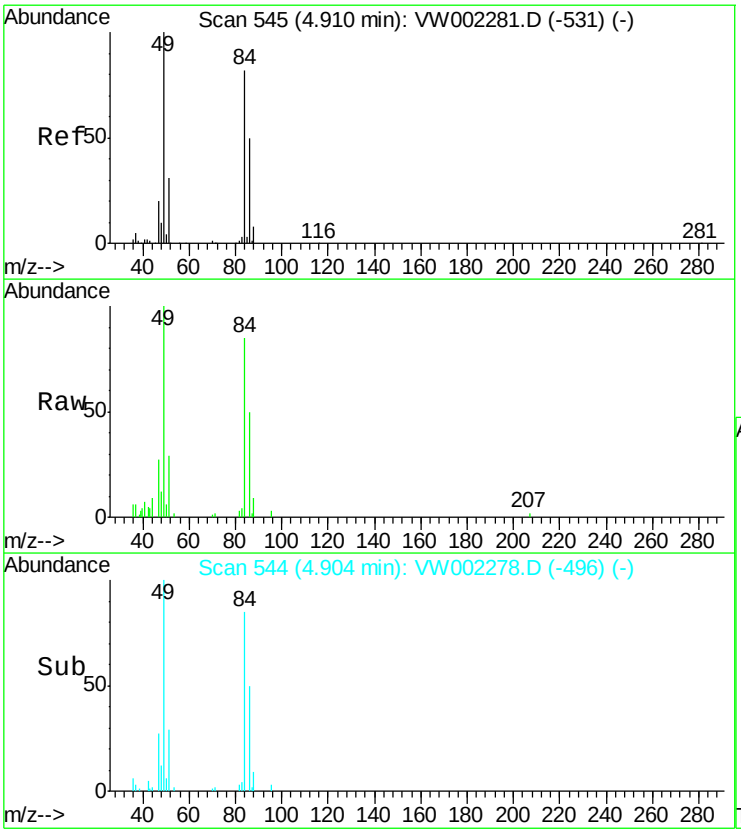

#19
Methyl tert-butyl Ether
Concen: 4.84 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 73 Resp: 17965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.6 | 17.7 | 26.5 |

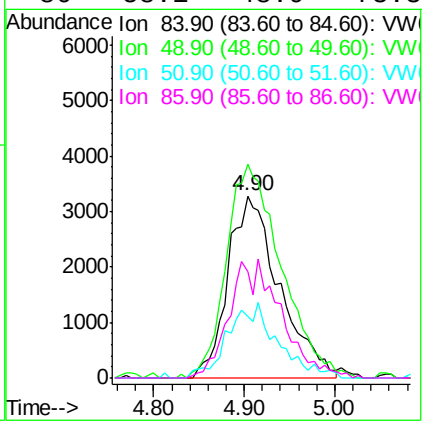


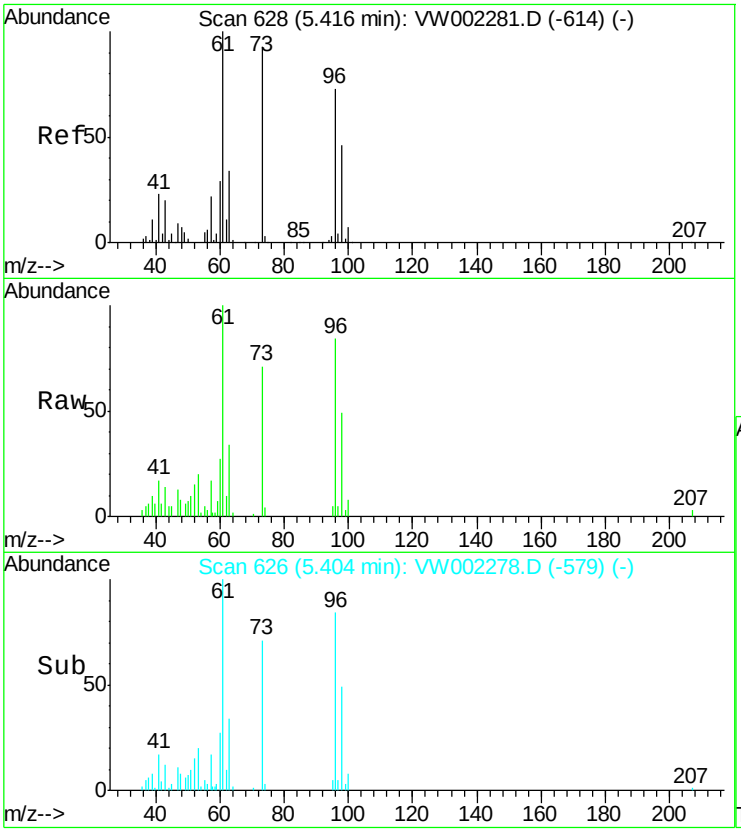




#20
Methylene Chloride
Concen: 5.66 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 84 Resp: 12865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 117.3 | 97.7 | 146.5 |
| 51 | 34.0 | 30.2 | 45.4 |
| 86 | 58.1 | 48.9 | 73.3 |



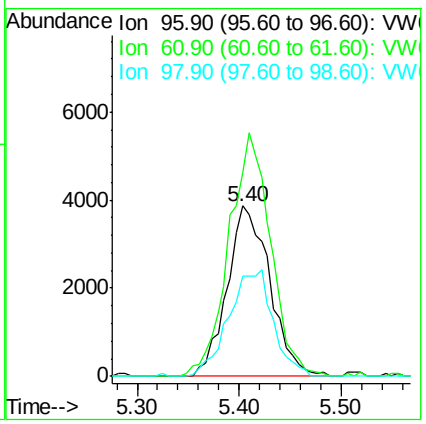


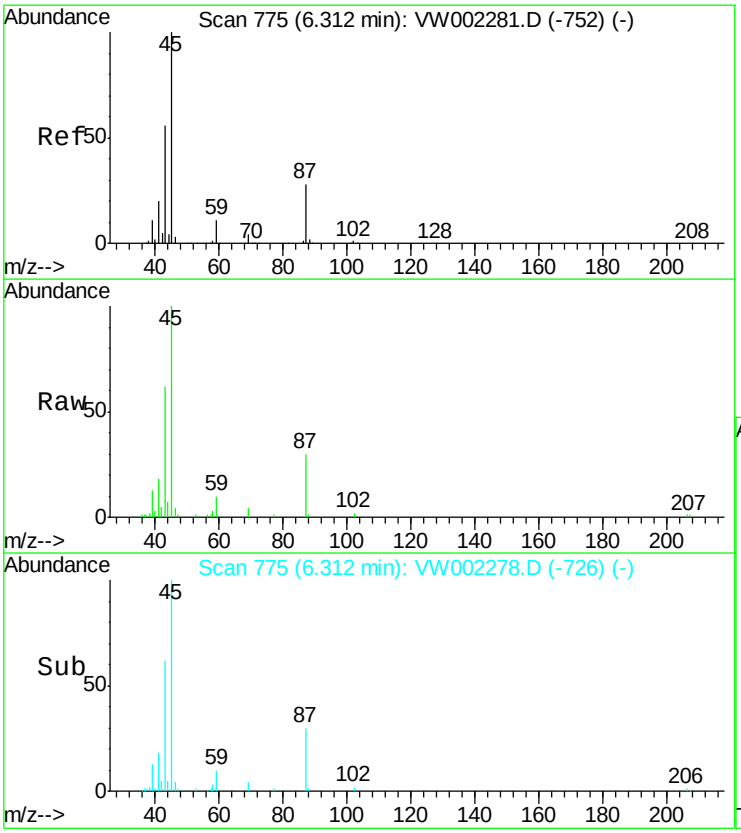

#21
trans-1,2-Dichloroethene
Concen: 5.51 ug/l
RT: 5.40 min Scan# 626
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 11251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 119.6 | 109.5 | 164.3 |
| 98 | 58.9 | 50.2 | 75.4 |

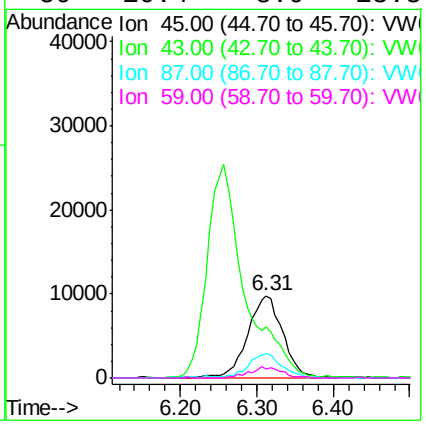


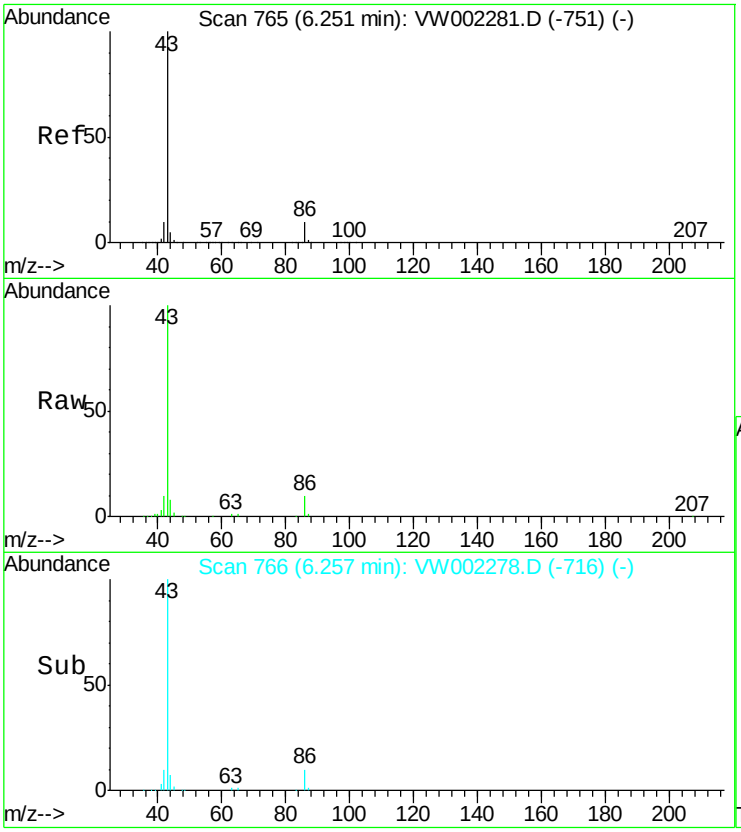




#22
Diisopropyl ether
Concen: 6.90 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 45 Resp: 31396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 60.8 | 44.5 | 66.7 |
| 87 | 30.3 | 22.2 | 33.4 |
| 59 | 10.4 | 8.9 | 13.3 |



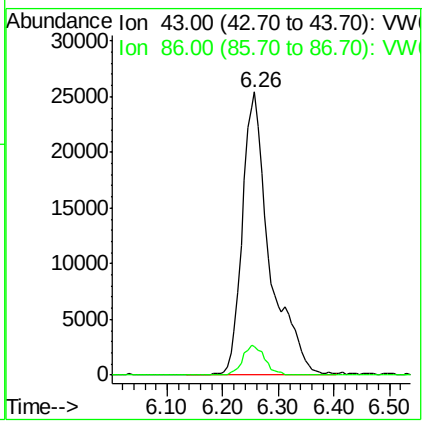


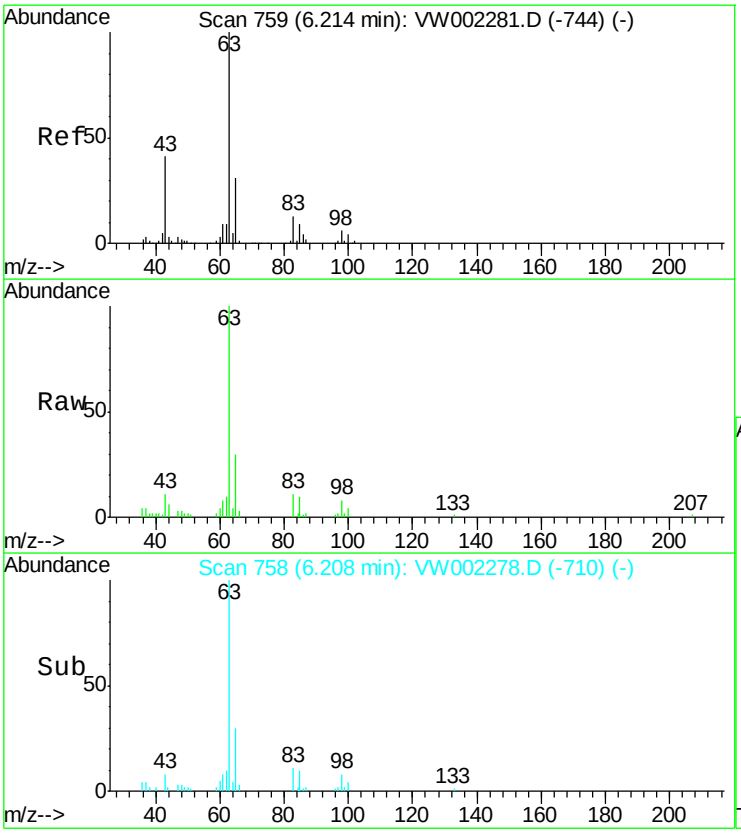

#23
Vinyl Acetate
Concen: 35.93 ug/l
RT: 6.26 min Scan# 766
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 87094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.0 | 7.9 | 11.9 |

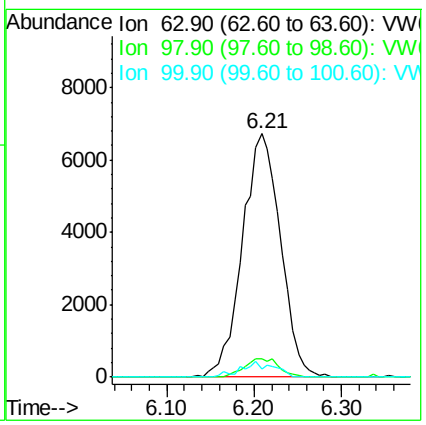


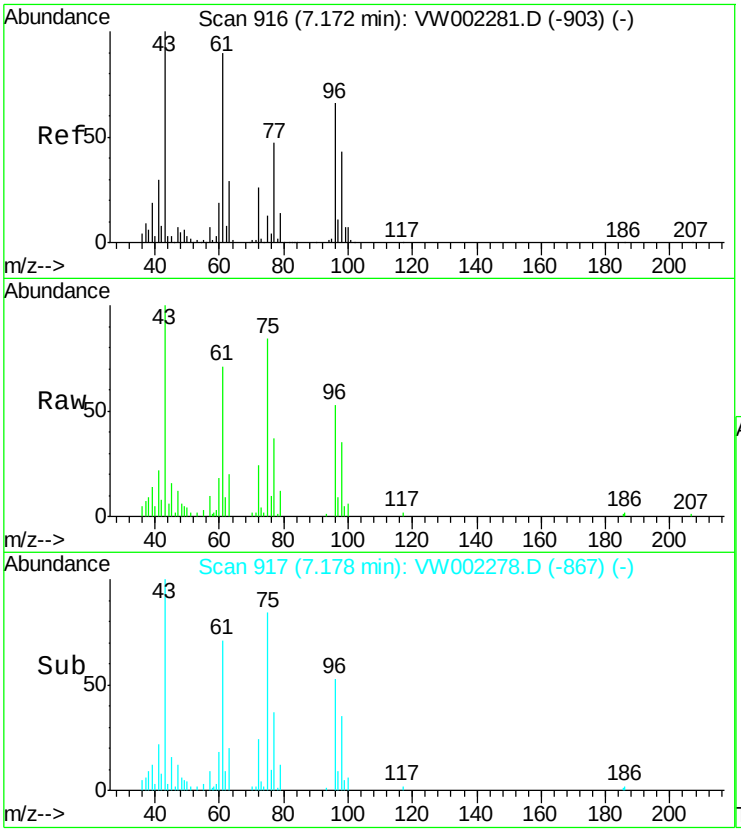




#24
1,1-Dichloroethane
Concen: 6.15 ug/l
RT: 6.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 63 Resp: 20422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.6 | 2.9 | 8.7 |
| 100 | 3.6 | 2.0 | 6.0 |



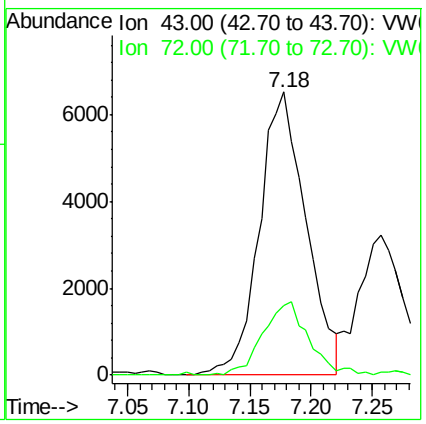


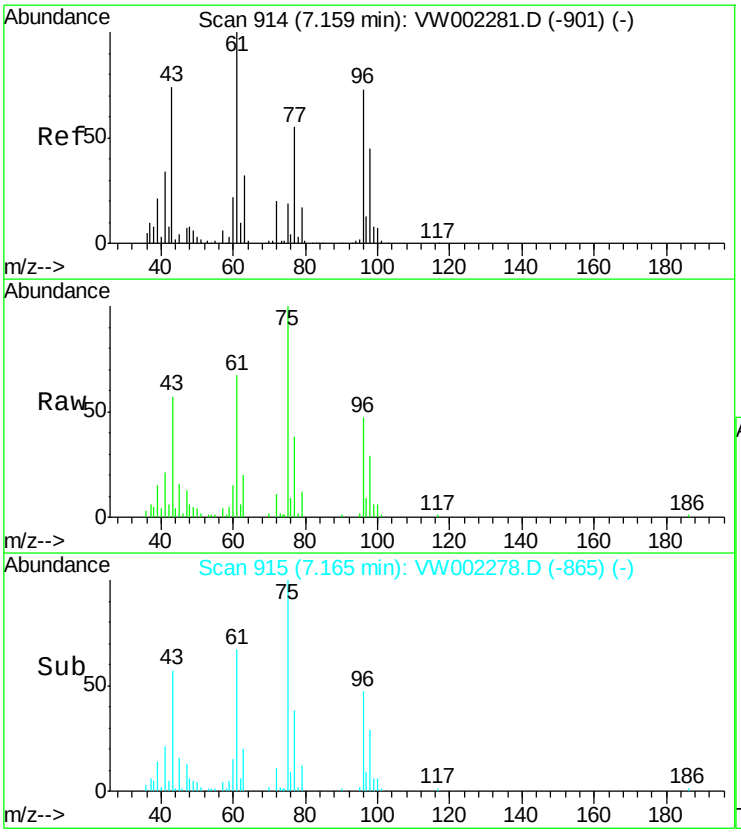

#25
2-Butanone
Concen: 38.69 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 17341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.5 | 20.6 | 31.0 |

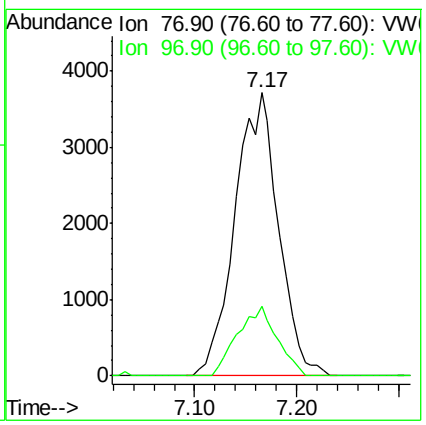


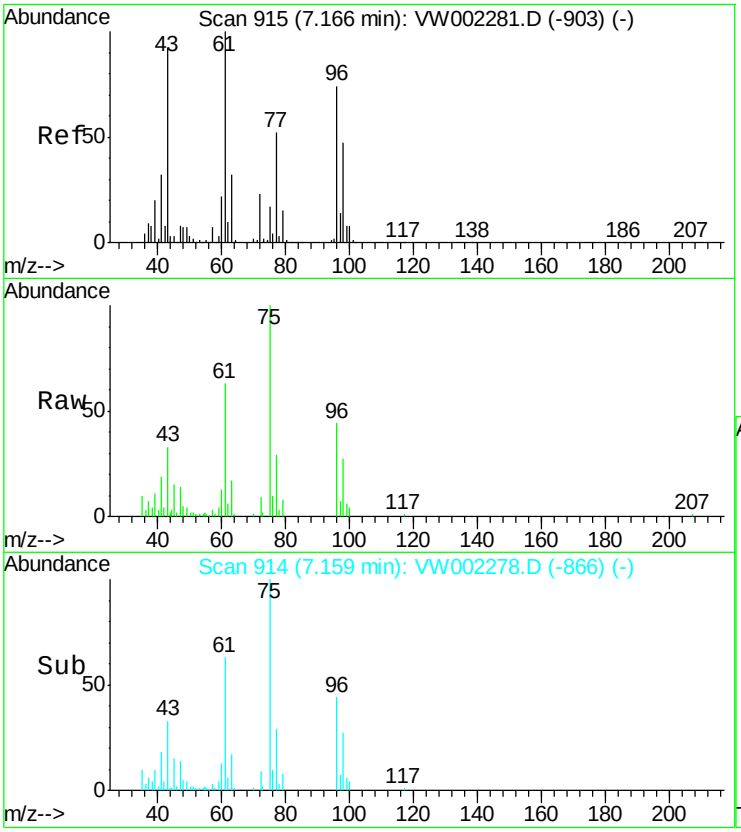




#26
2,2-Dichloropropane
Concen: 3.54 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 77 Resp: 11003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.4 | 12.7 | 38.0 |



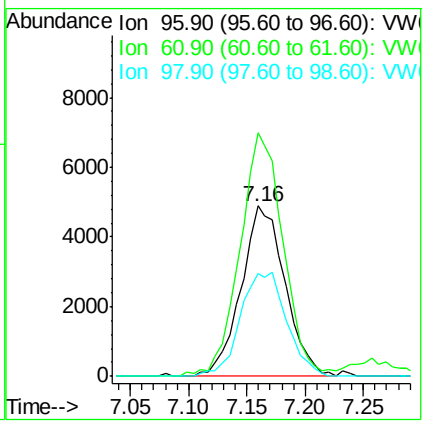


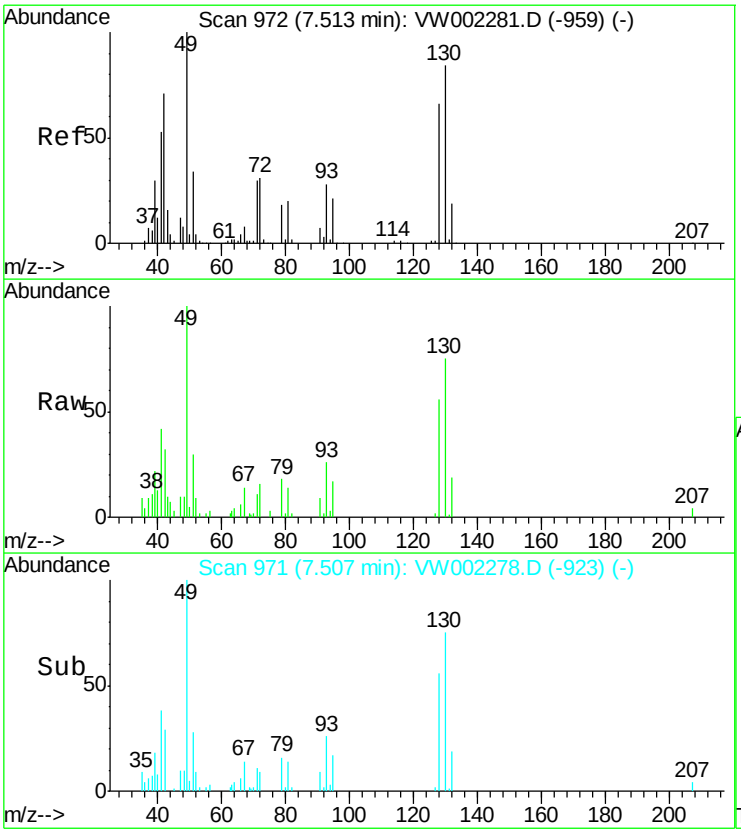

#27
cis-1,2-Dichloroethene
Concen: 5.93 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 12811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.7 | 0.0 | 274.8 |
| 98 | 64.2 | 0.0 | 128.4 |

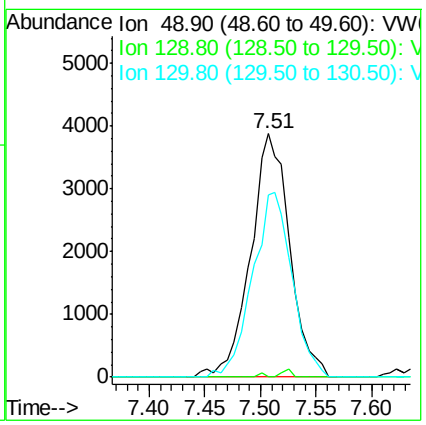


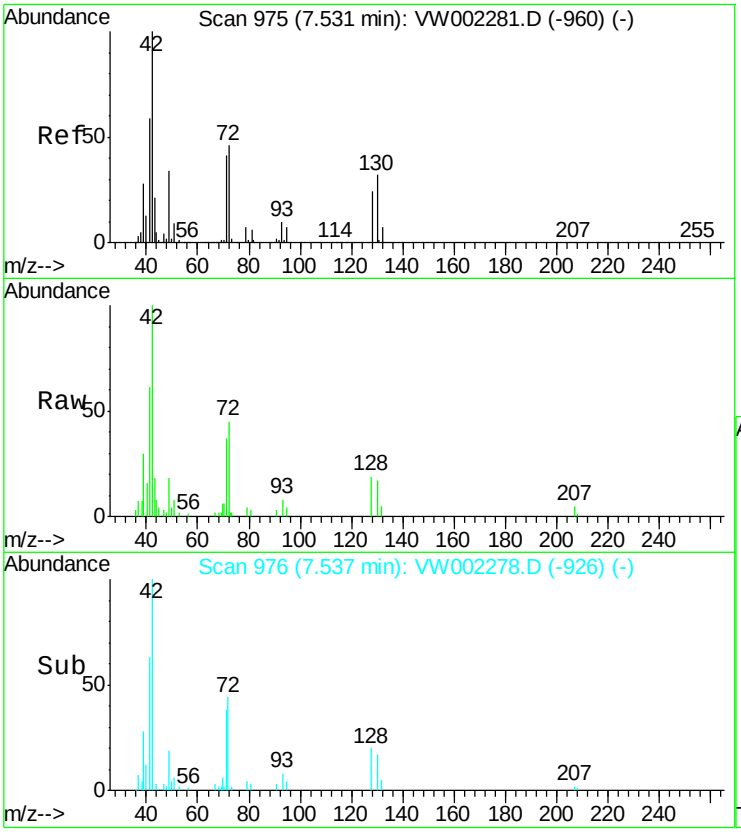




#28
Bromochloromethane
Concen: 8.12 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 49 Resp: 9472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.2 | 0.0 | 2.4 |
| 130 | 76.7 | 65.5 | 98.3 |



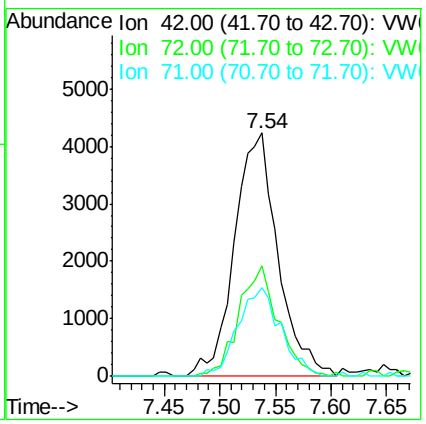


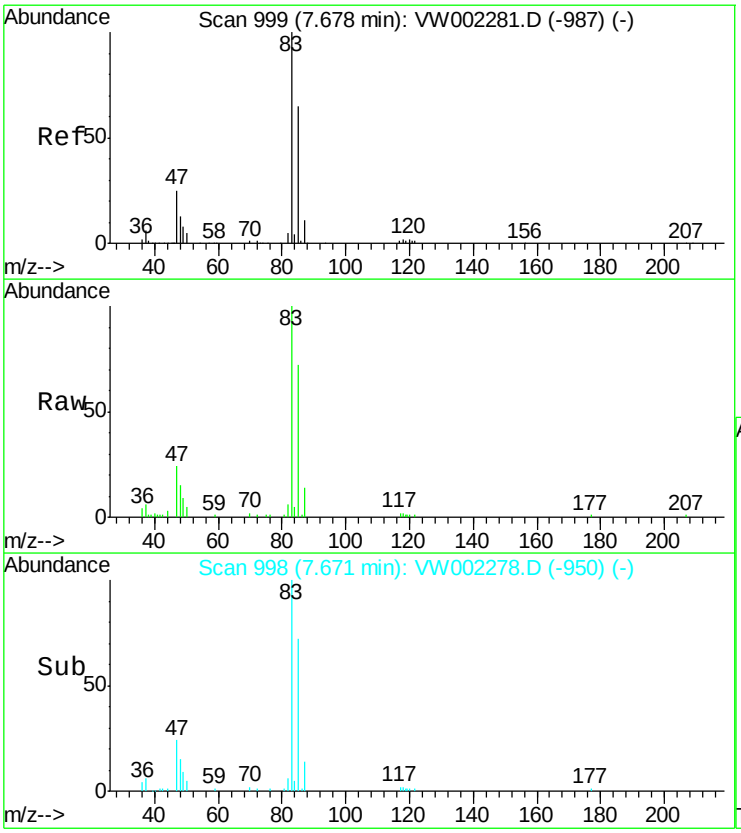

#29
Tetrahydrofuran
Concen: 44.14 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 42 Resp: 11501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 41.0 | 34.5 | 51.7 |
| 71 | 35.8 | 33.0 | 49.6 |

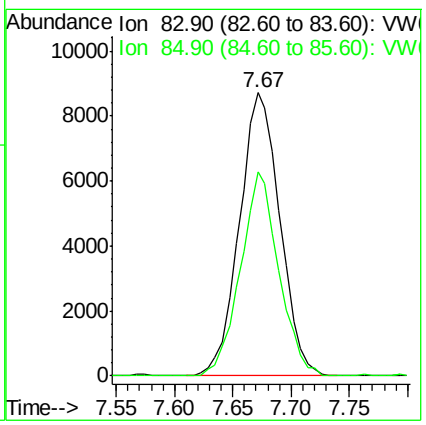


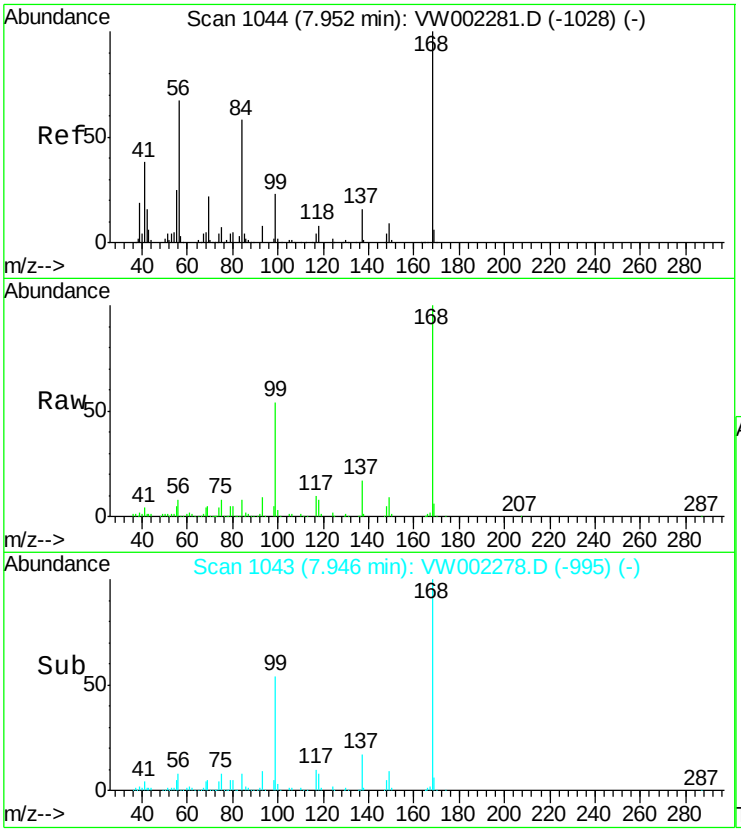




#30
Chloroform
Concen: 5.48 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 83 Resp: 21044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 72.0 | 51.8 | 77.6 |



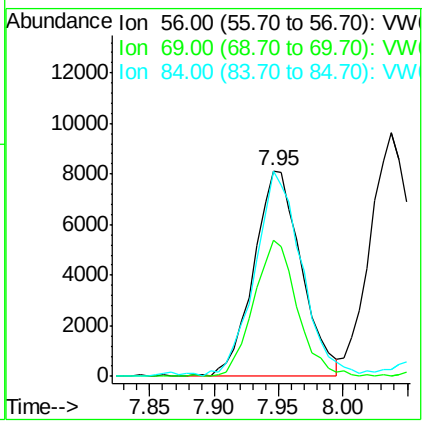


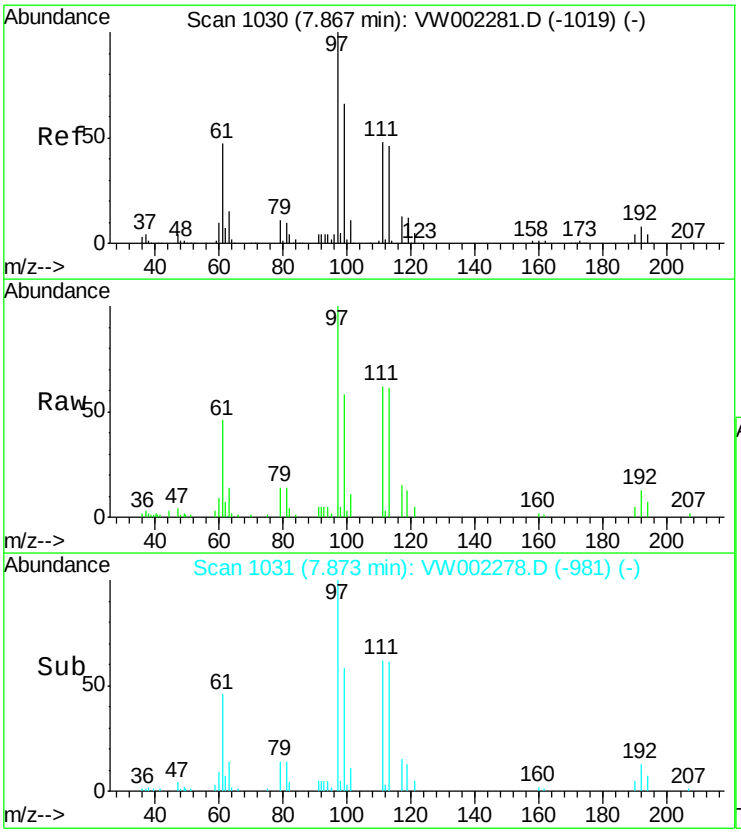

#31
Cyclohexane
Concen: 6.91 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion: 56 Resp: 20783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 66.1 | 26.2 | 39.4# |
| 84 | 98.4 | 69.2 | 103.8 |

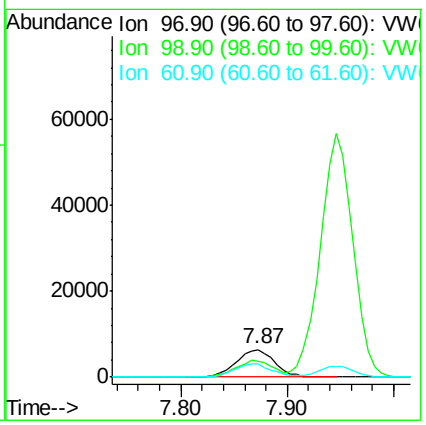


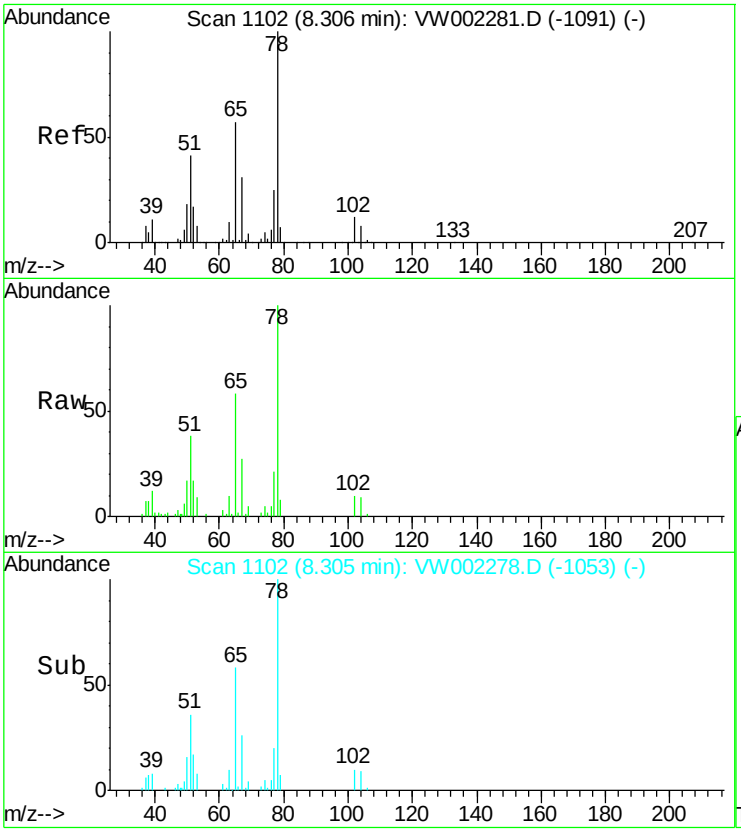




#32
1,1,1-Trichloroethane
Concen: 4.36 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 97 Resp: 16073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 59.0 | 52.6 | 79.0 |
| 61 | 47.2 | 35.6 | 53.4 |



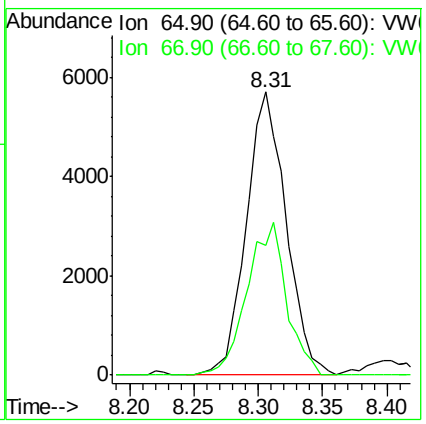


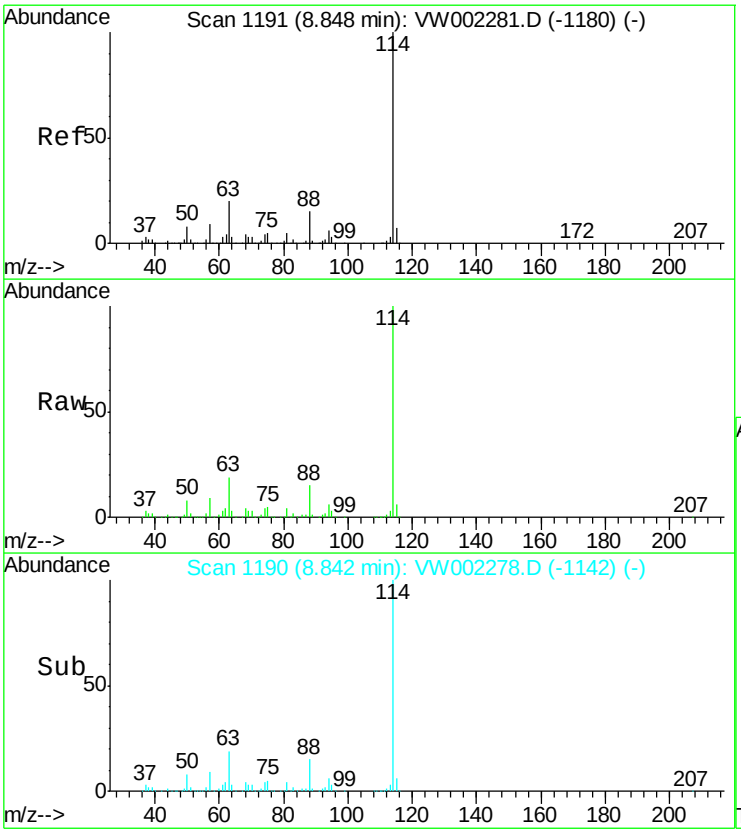

#33
1,2-Dichloroethane-d4
Concen: 6.03 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 65 Resp: 12200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.5 | 0.0 | 107.2 |

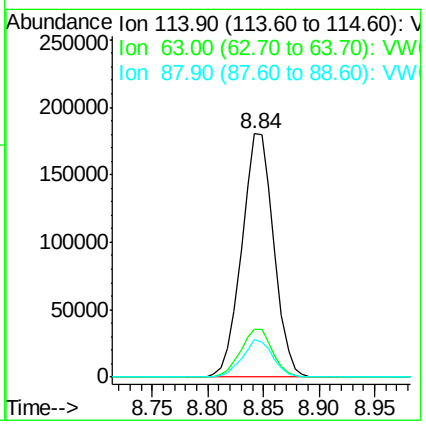


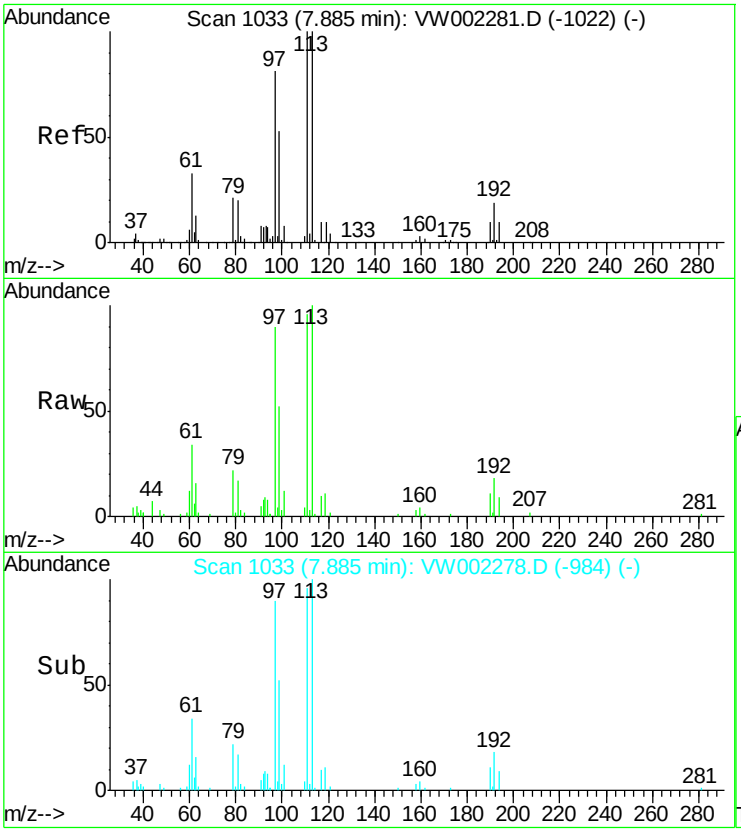




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.84 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:114 Resp: 359812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 39.0 |
| 88 | 15.2 | 0.0 | 29.6 |



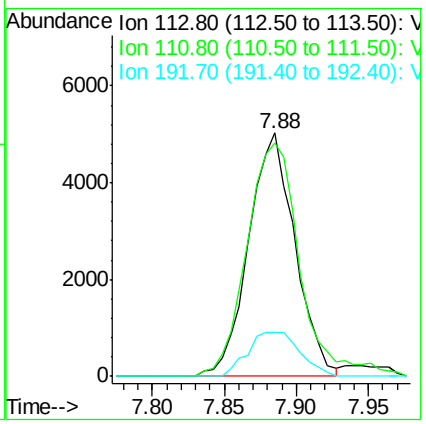


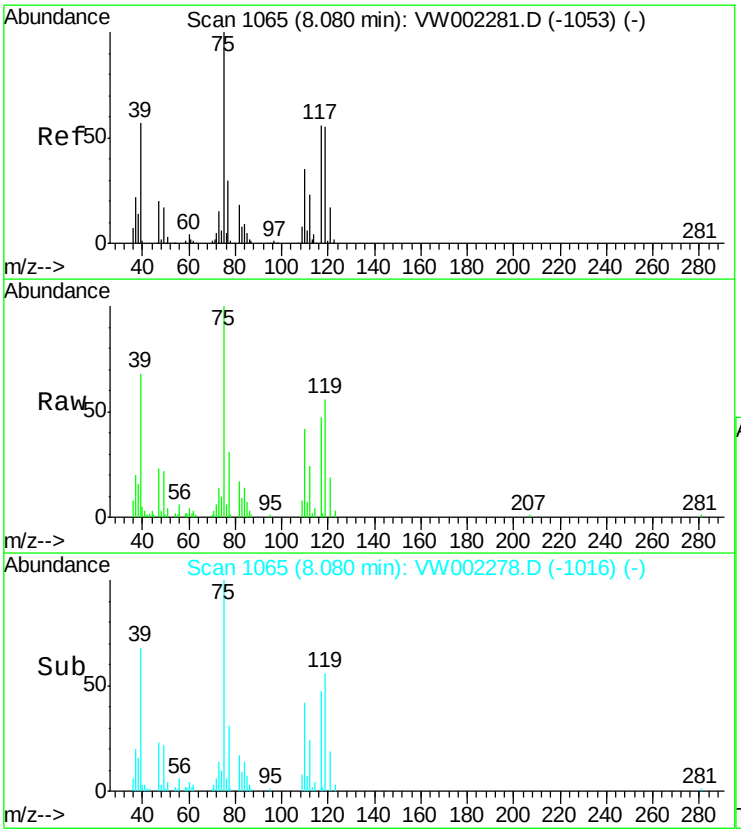

#35
Dibromofluoromethane
Concen: 4.96 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:113 Resp: 11203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 110.4 | 81.5 | 122.3 |
| 192 | 20.5 | 16.4 | 24.6 |

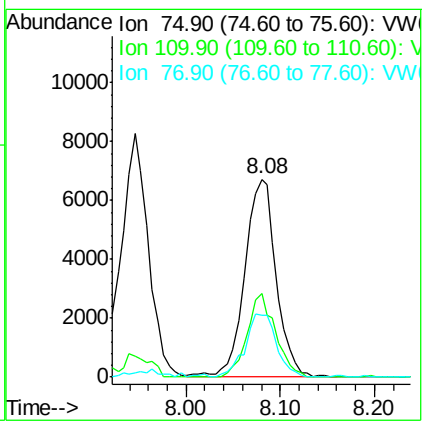


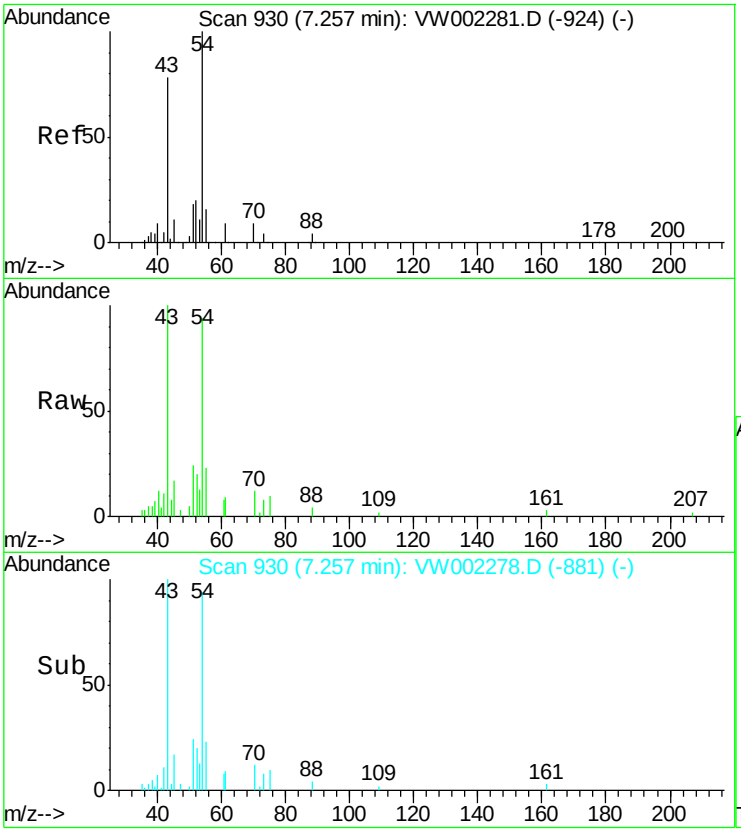




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 75 Resp: 15745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.1 | 18.1 | 54.1 |
| 77 | 31.8 | 24.5 | 36.7 |



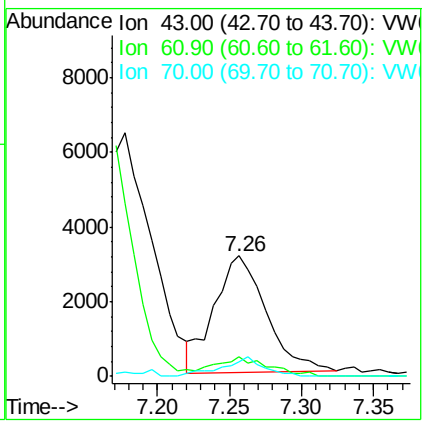


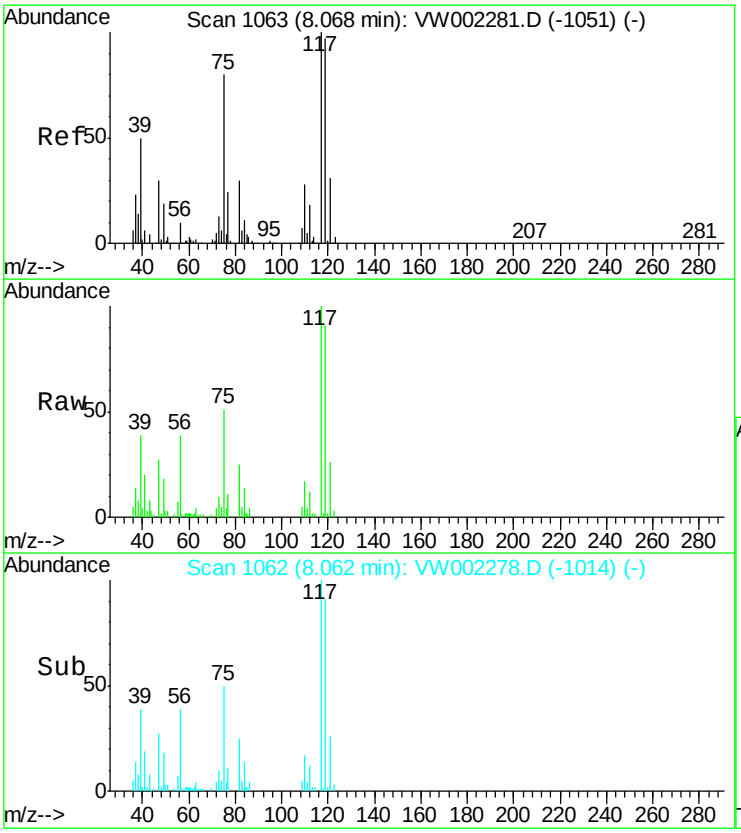

#37
Ethyl Acetate
Concen: 7.47 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 7903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 16.8 | 11.1 | 16.7# |
| 70 | 13.3 | 7.9 | 11.9# |

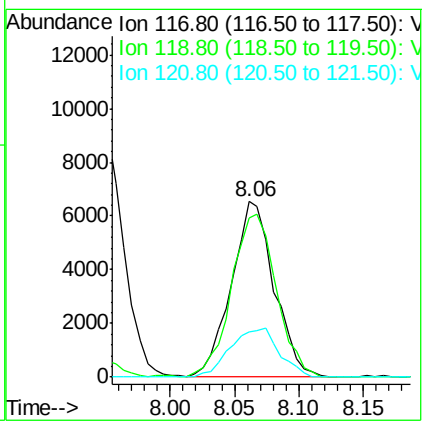


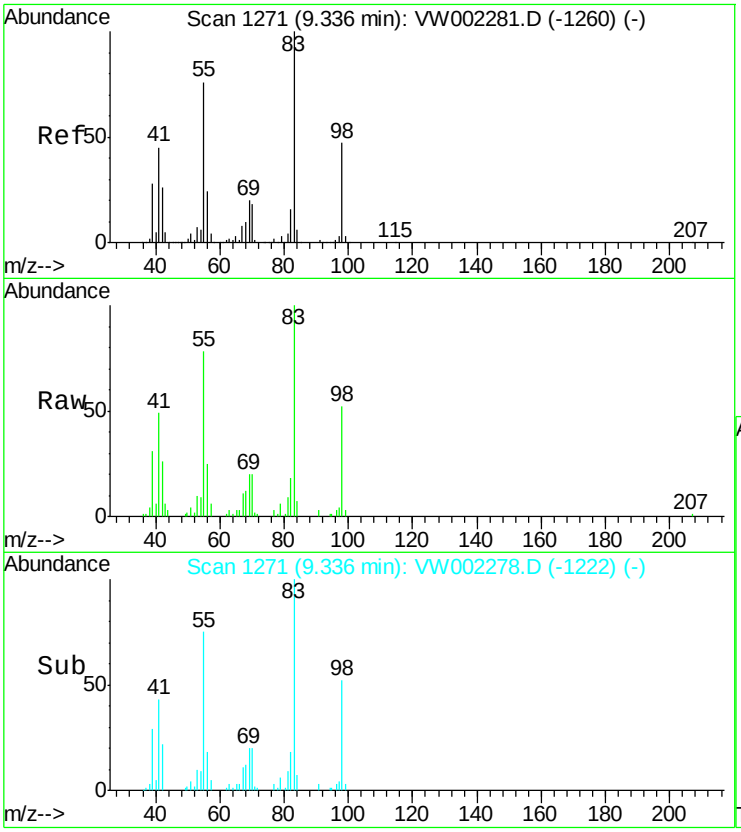




#38
Carbon Tetrachloride
Concen: 3.75 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:117 Resp: 15114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.9 | 77.5 | 116.3 |
| 121 | 25.5 | 24.4 | 36.6 |



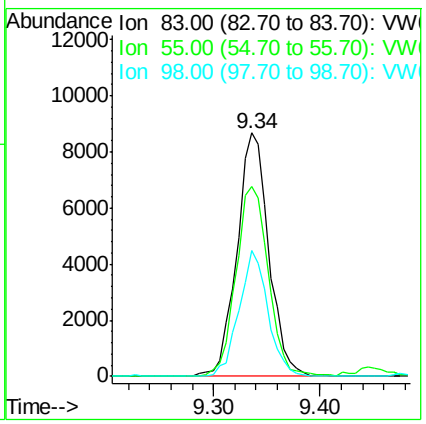


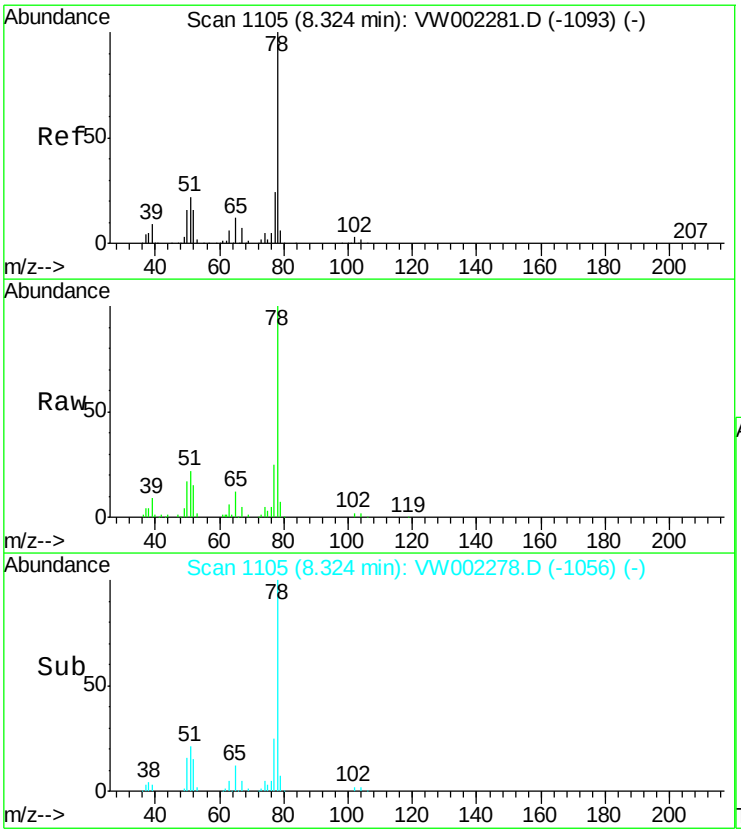

#39
Methylcyclohexane
Concen: 4.81 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 18221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.9 | 60.6 | 91.0 |
| 98 | 51.6 | 37.4 | 56.0 |

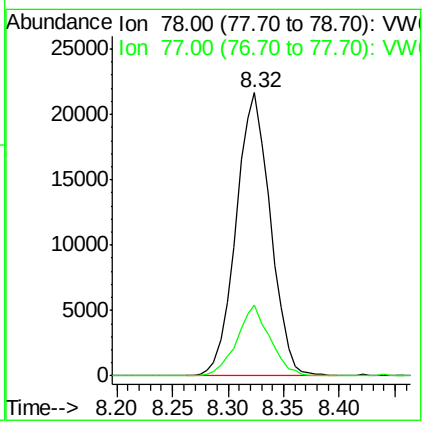


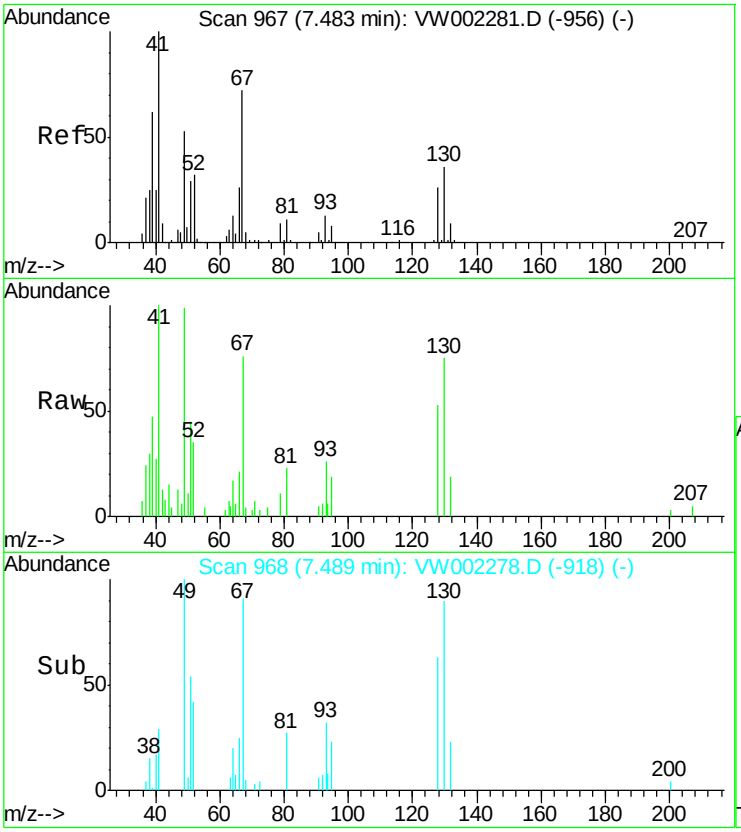




#40
Benzene
Concen: 5.04 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 78 Resp: 46364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.0 | 19.3 | 28.9 |



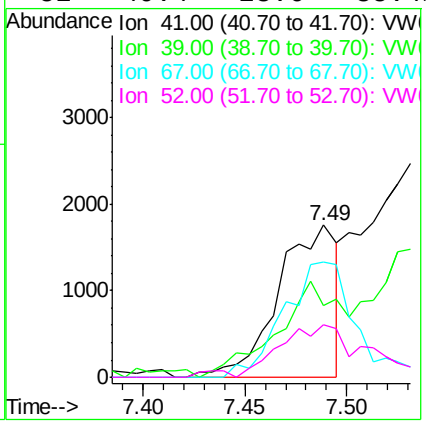


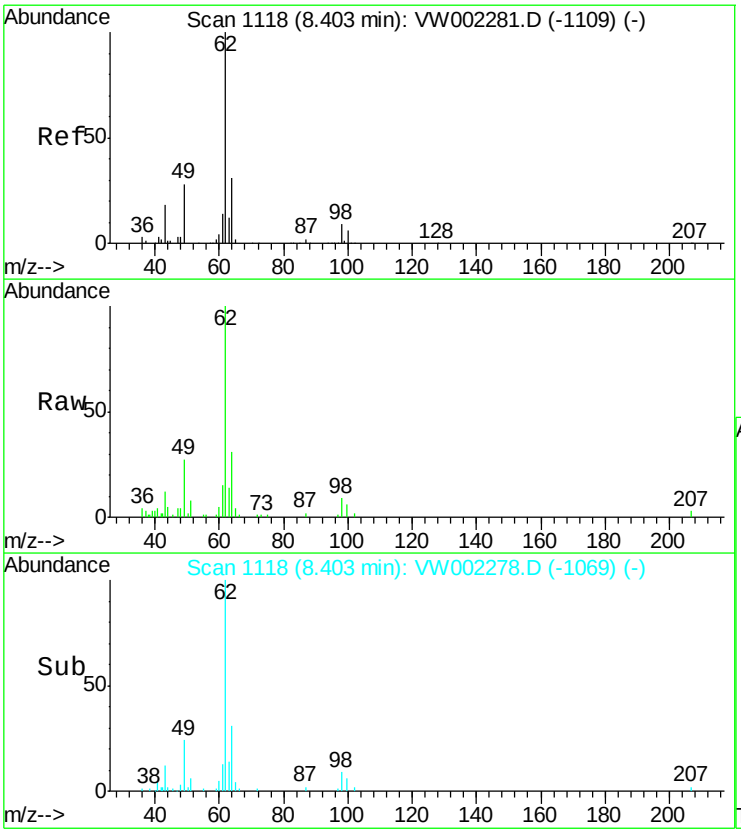

#41
Methacrylonitrile
Concen: 6.02 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 41 Resp: 3531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 68.2 | 40.2 | 60.4# |
| 67 | 94.4 | 54.7 | 82.1# |
| 52 | 49.4 | 23.6 | 35.4# |

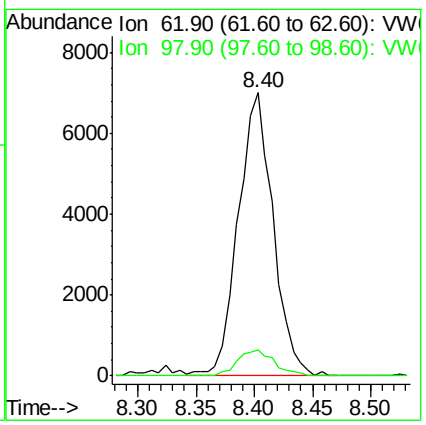


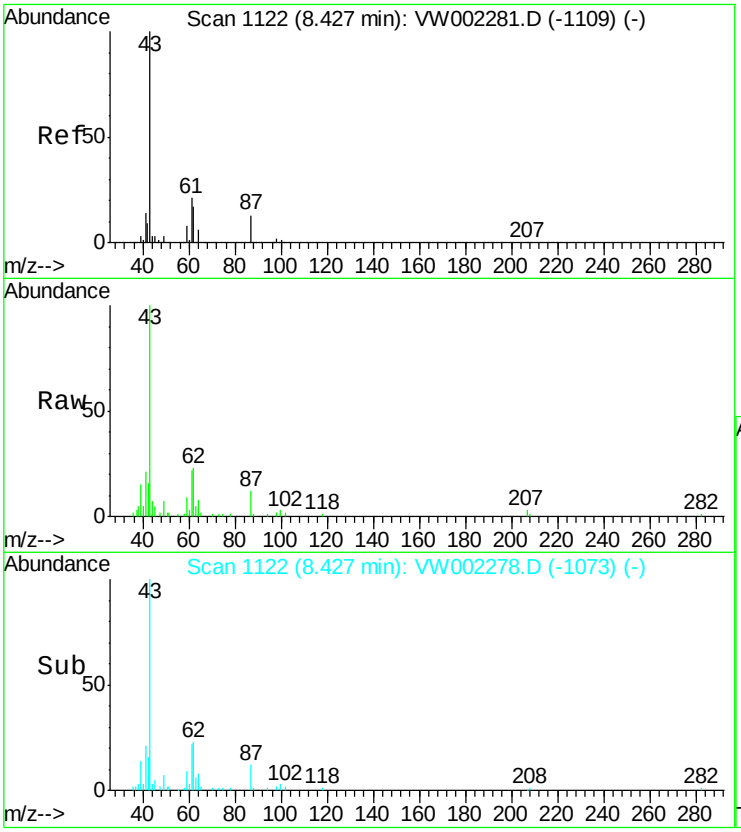




#42
1,2-Dichloroethane
Concen: 5.15 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 62 Resp: 14601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.7 | 0.0 | 18.4 |



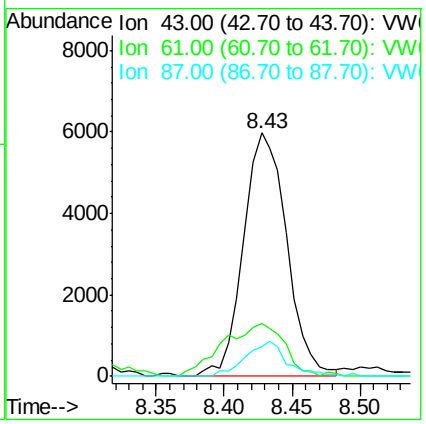


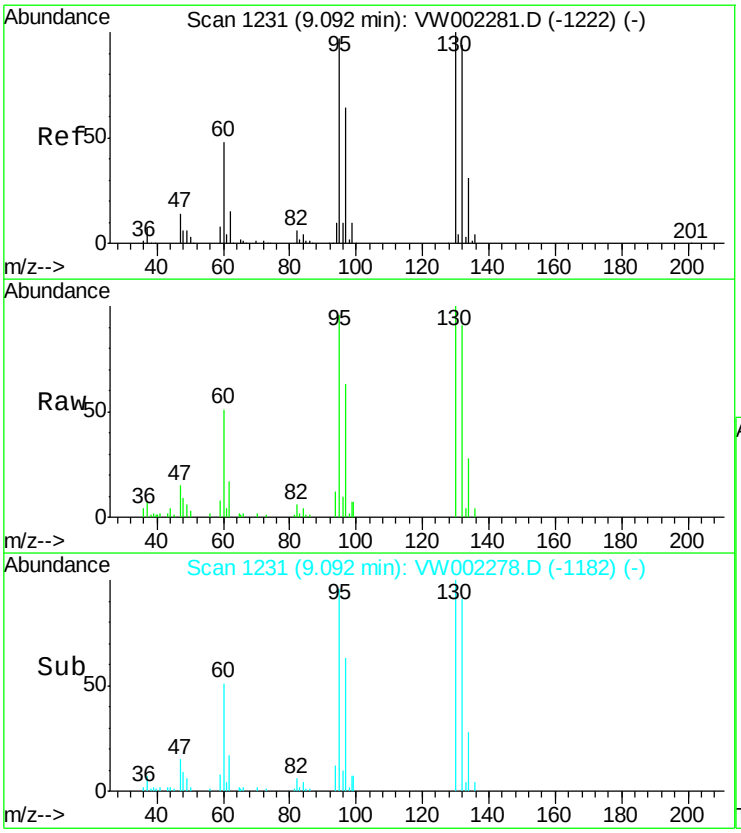

#43
Isopropyl Acetate
Concen: 6.37 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 13356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 30.4 | 23.7 | 35.5 |
| 87 | 13.7 | 10.7 | 16.1 |

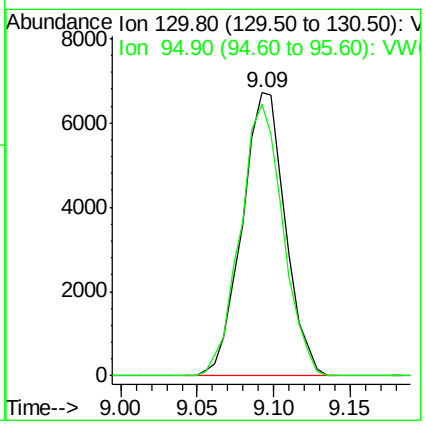


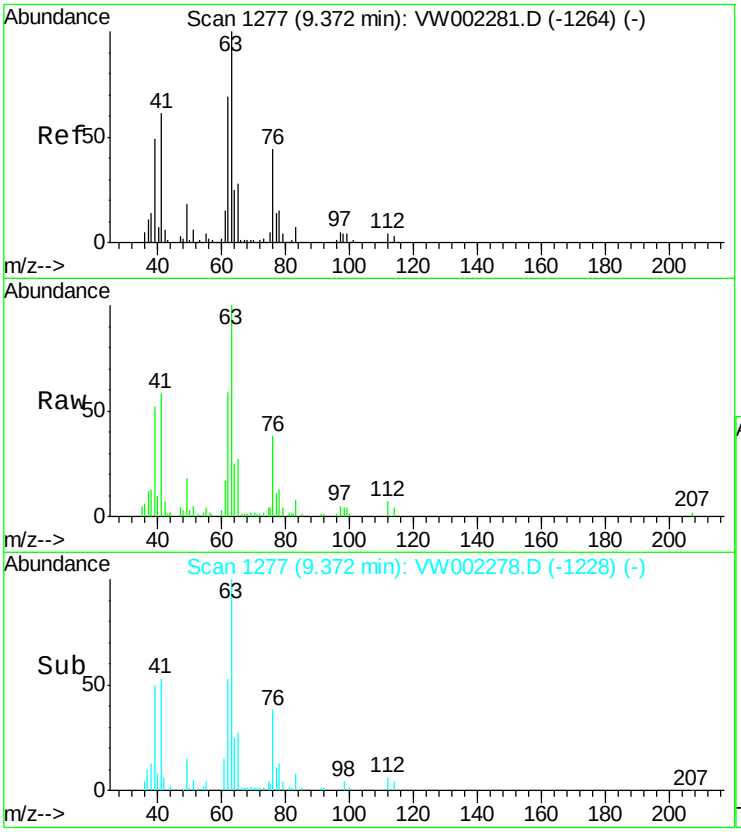




#44
Trichloroethene
Concen: 4.55 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:130 Resp: 13204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.9 | 0.0 | 193.4 |



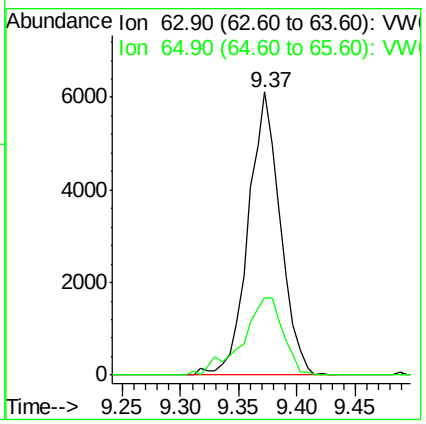


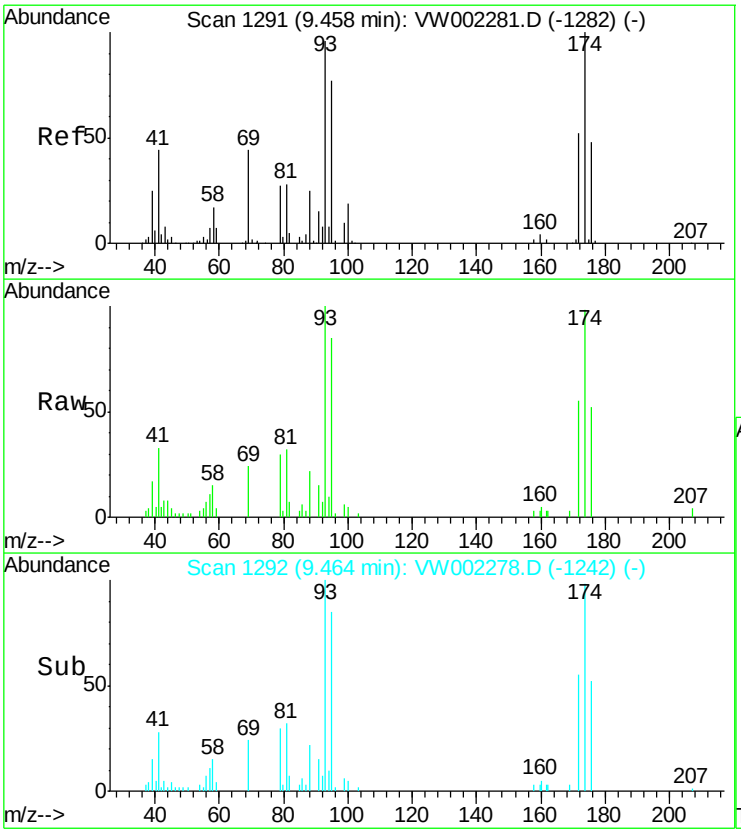

#45
1,2-Dichloropropane
Concen: 5.59 ug/l
RT: 9.37 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 63 Resp: 11715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 27.2 | 22.9 | 34.3 |

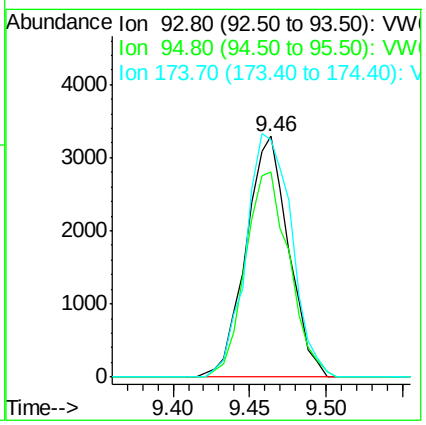


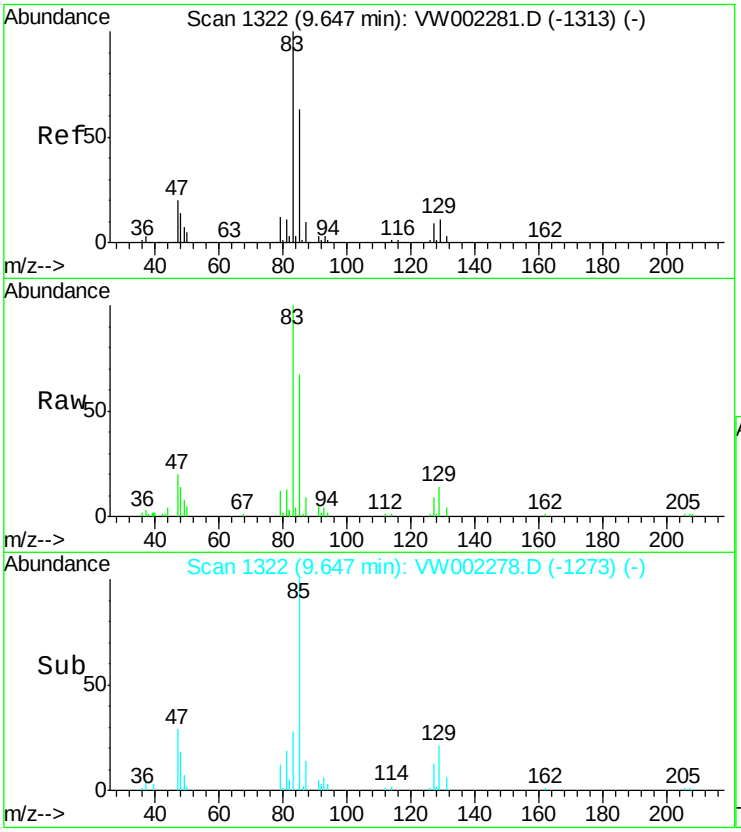




#46
Dibromomethane
Concen: 5.34 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 93 Resp: 6372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 88.0 | 66.4 | 99.6 |
| 174 | 107.8 | 86.8 | 130.2 |



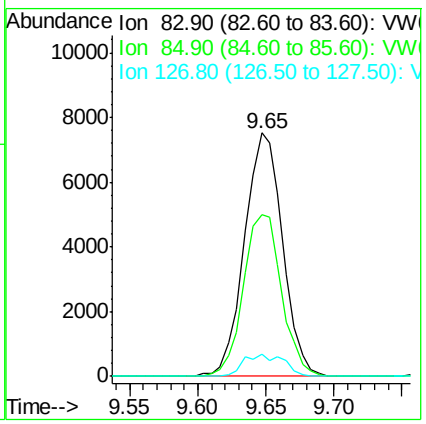


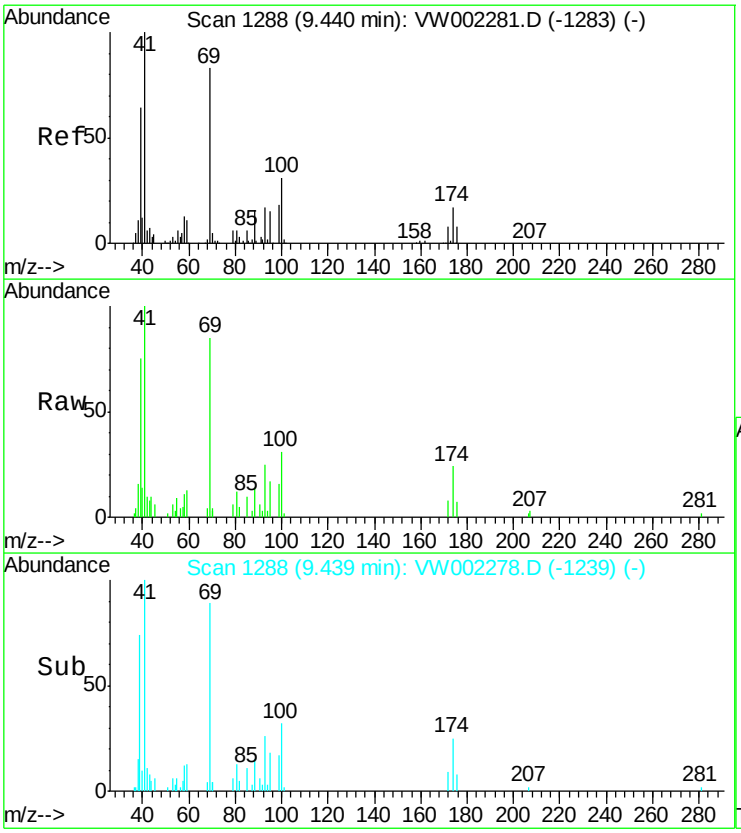

#47
Bromodichloromethane
Concen: 4.62 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 14775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.6 | 50.2 | 75.2 |
| 127 | 8.9 | 6.9 | 10.3 |

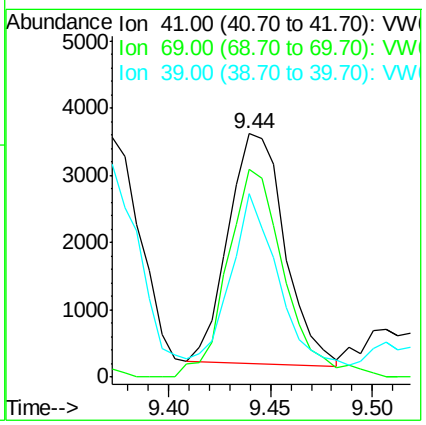


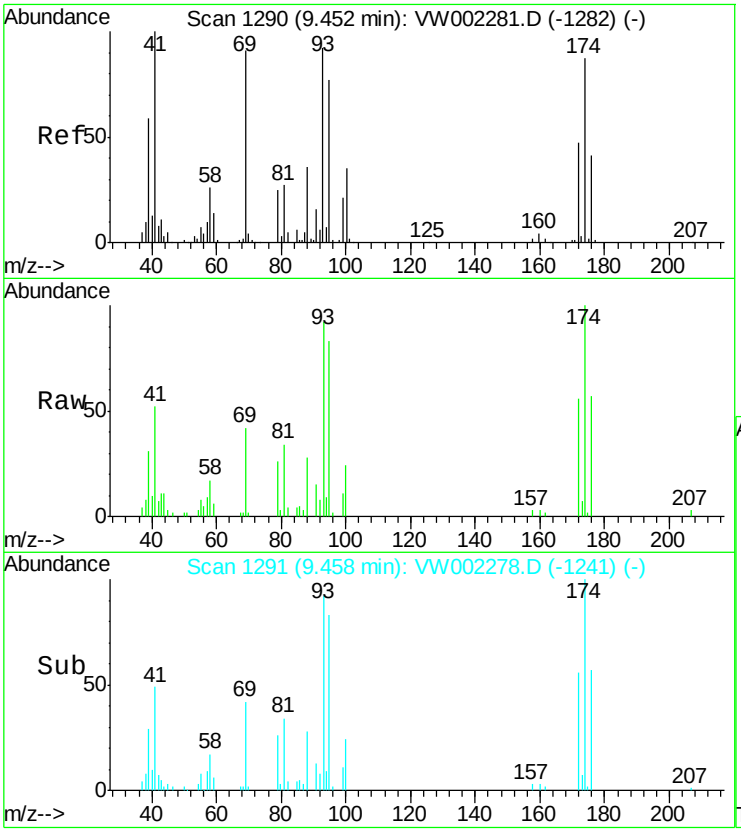




#48
Methyl methacrylate
Concen: 6.48 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 41 Resp: 6588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 91.1 | 69.9 | 104.9 |
| 39 | 71.3 | 54.0 | 81.0 |



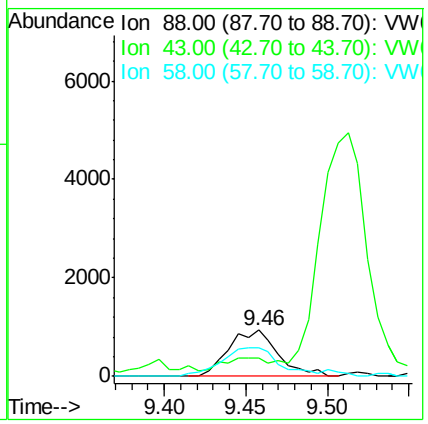


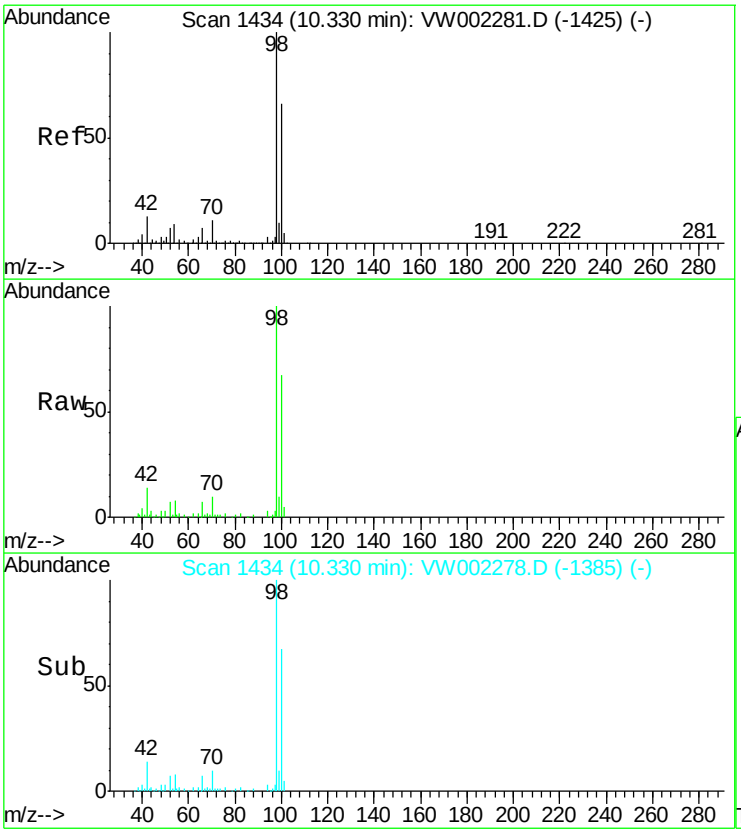

#49
1,4-Dioxane
Concen: 107.34 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 88 Resp: 1966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 30.5 | 26.3 | 39.5 |
| 58 | 71.6 | 56.0 | 84.0 |

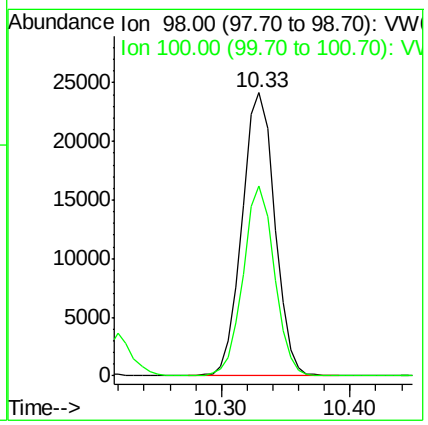


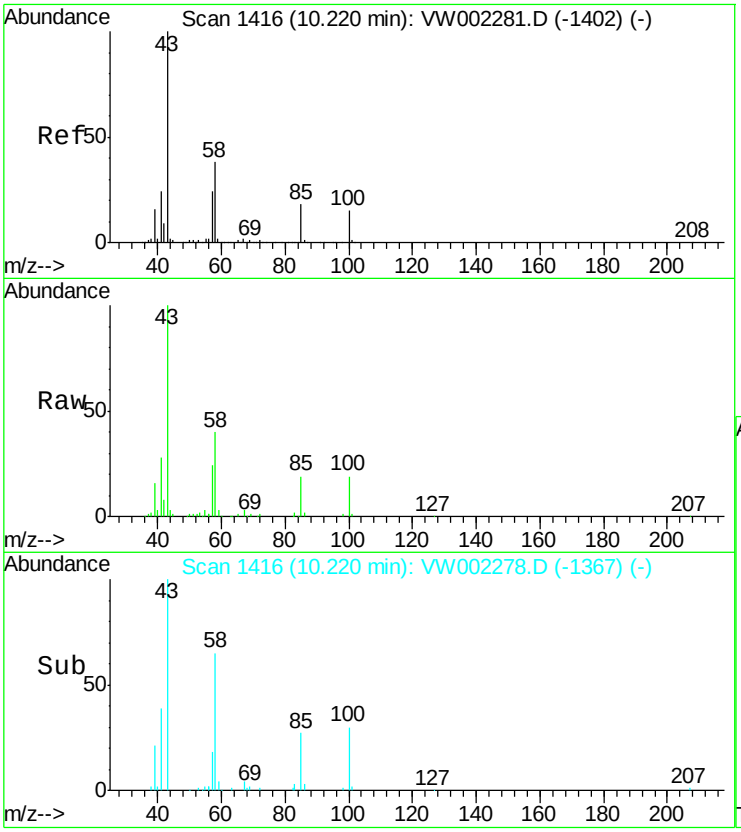




#50
Toluene-d8
Concen: 5.03 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 98 Resp: 42377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.0 | 51.4 | 77.2 |



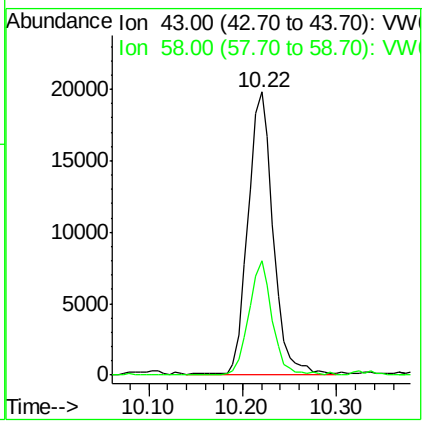


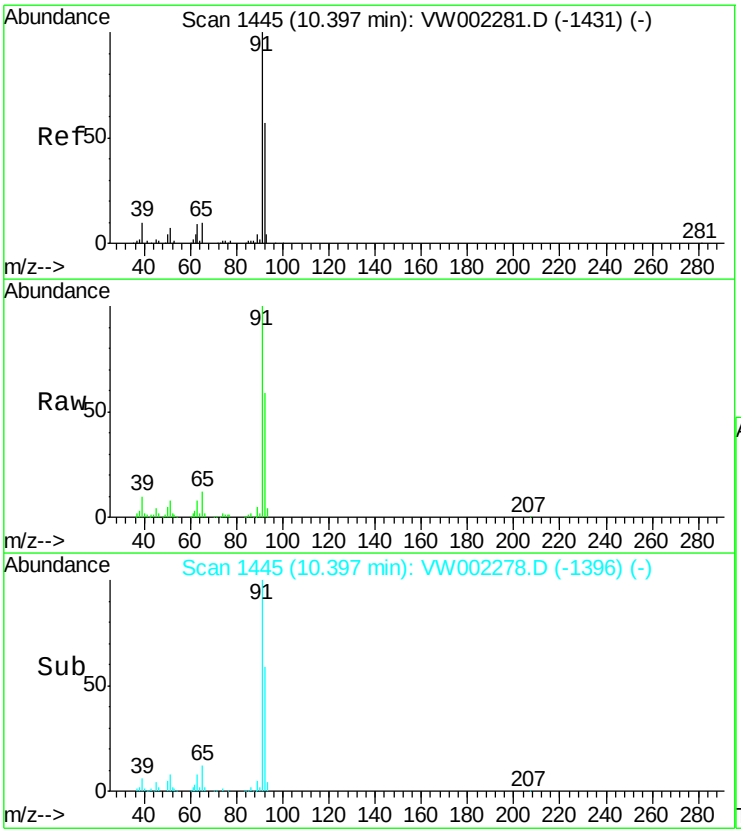

#51
4-Methyl-2-Pentanone
Concen: 35.59 ug/l
RT: 10.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 37554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.5 | 30.2 | 45.2 |

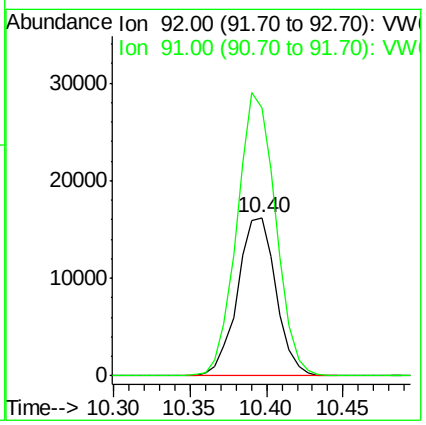


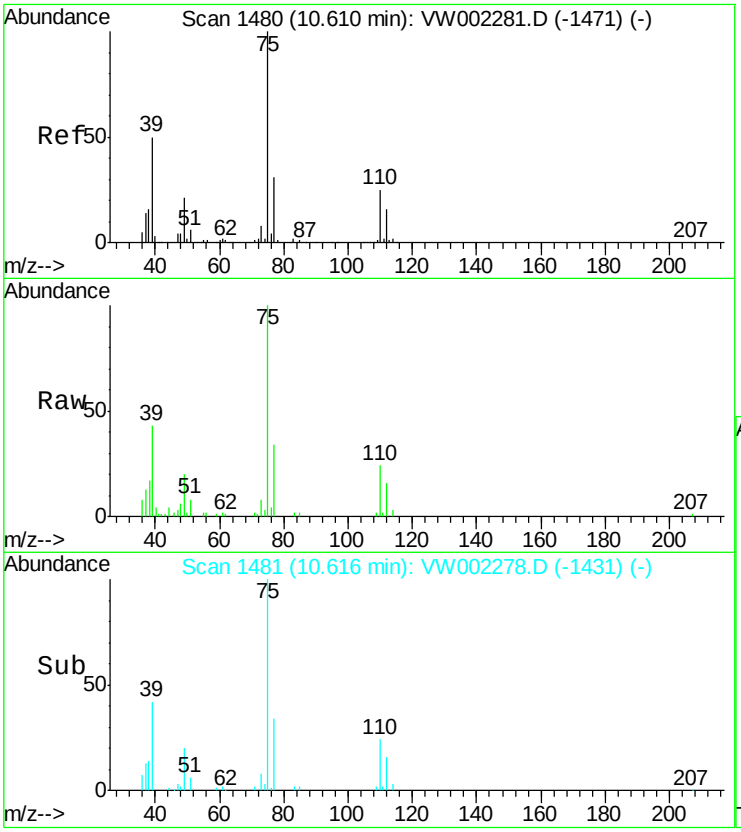




#52
Toluene
Concen: 4.67 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 92 Resp: 28316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 179.4 | 138.6 | 208.0 |



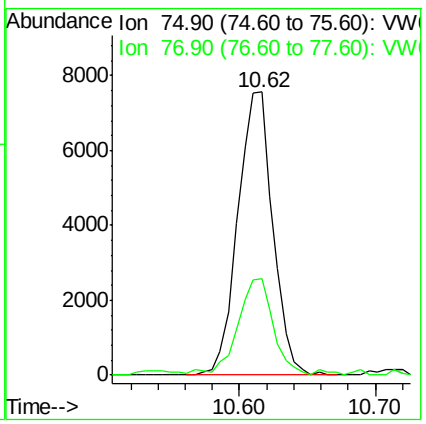


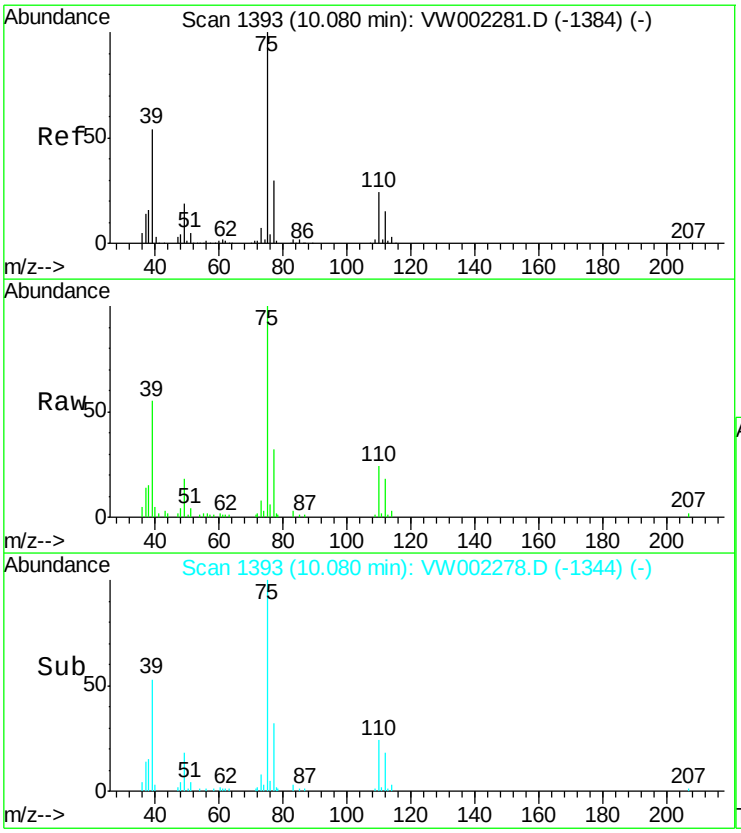

#53
t-1,3-Dichloropropene
Concen: 4.70 ug/l
RT: 10.62 min Scan# 1481
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion: 75 Resp: 13573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.3 | 25.0 | 37.4 |

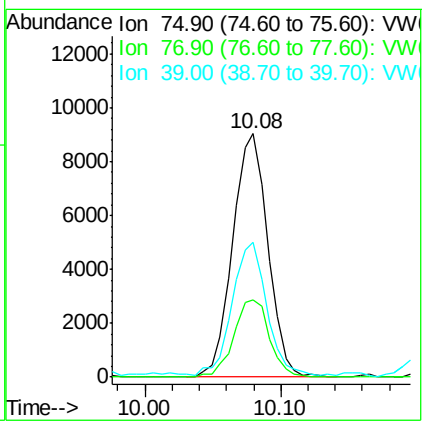


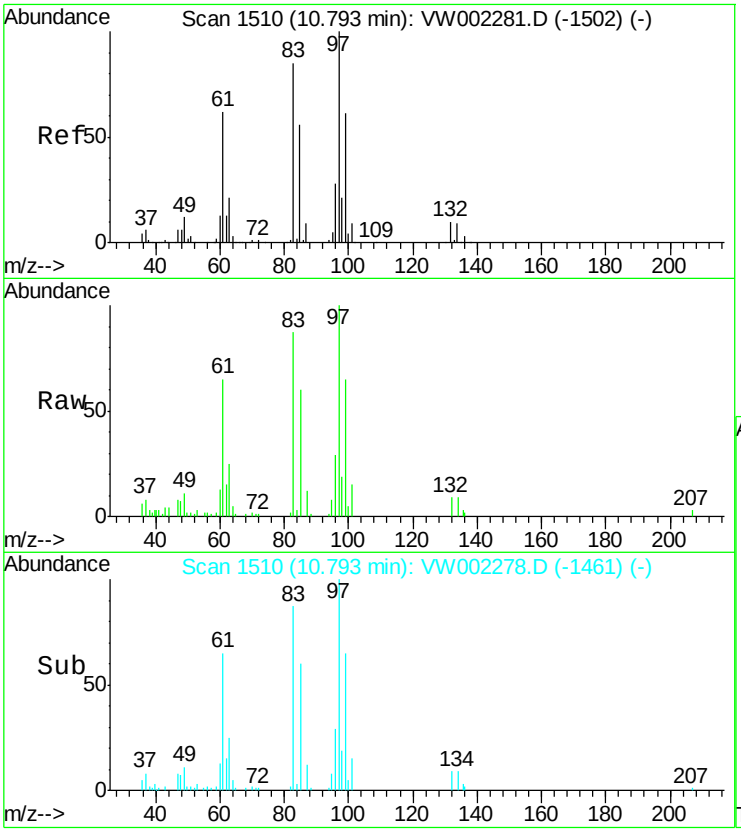




#54
cis-1,3-Dichloropropene
Concen: 4.92 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 75 Resp: 16292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 23.9 | 35.9 |
| 39 | 54.5 | 43.2 | 64.8 |



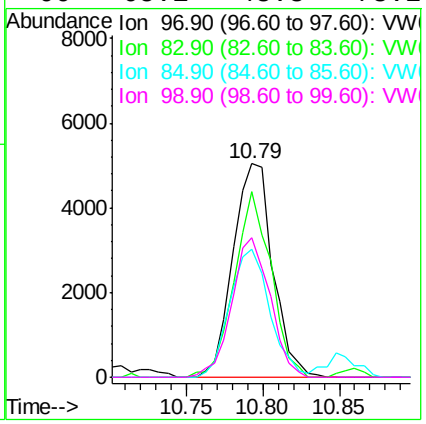


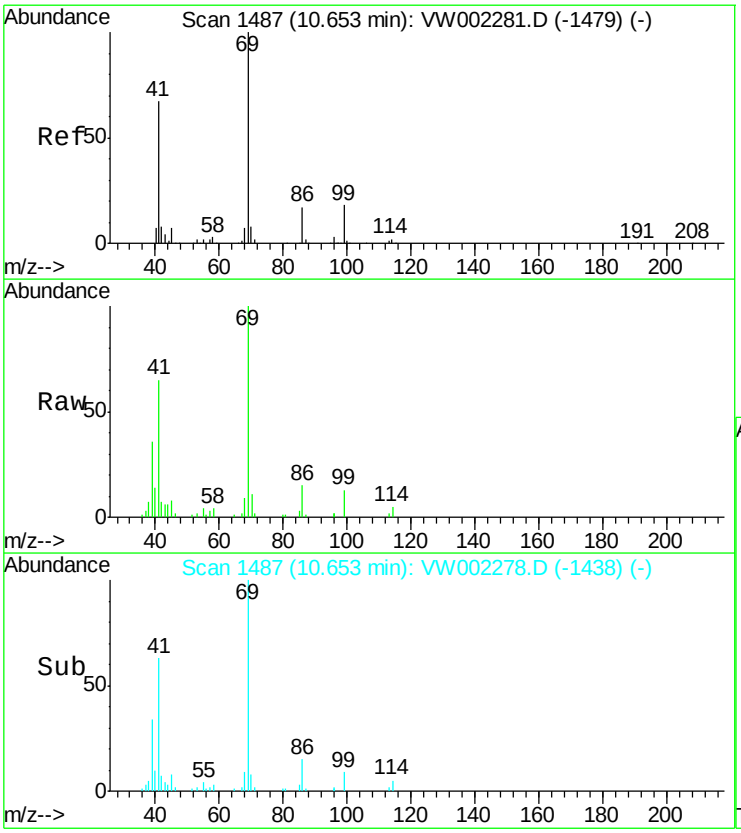

#55
1,1,2-Trichloroethane
Concen: 5.21 ug/l
RT: 10.79 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 97 Resp: 9116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.0 | 68.4 | 102.6 |
| 85 | 59.7 | 44.6 | 67.0 |
| 99 | 65.1 | 48.8 | 73.2 |

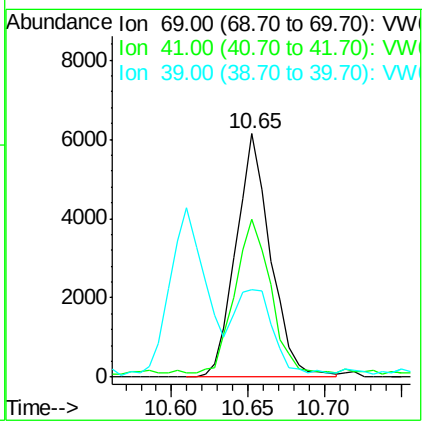


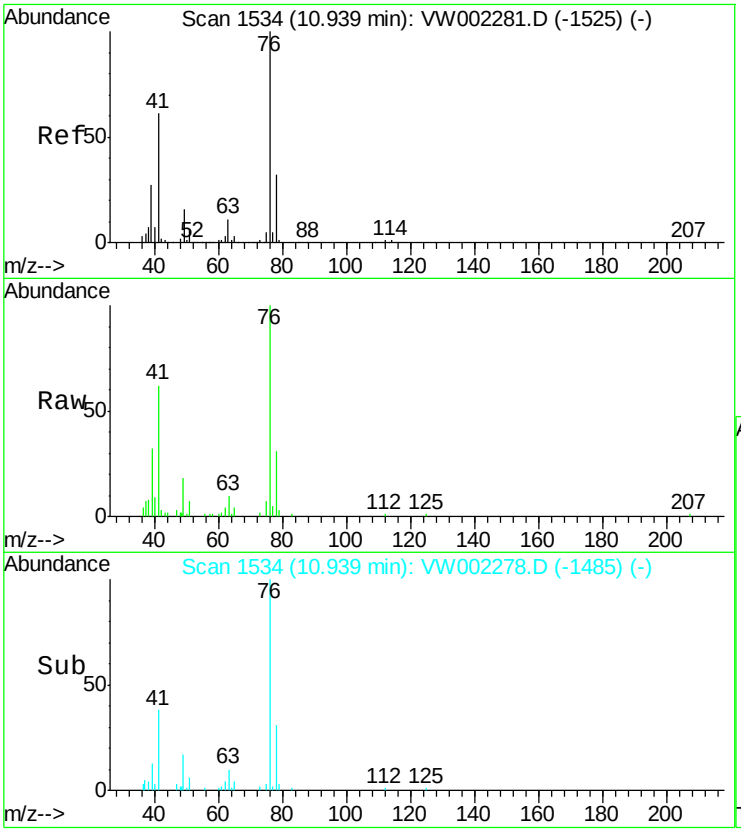




#56
Ethyl methacrylate
Concen: 5.34 ug/l
RT: 10.65 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 69 Resp: 9680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.6 | 56.0 | 84.0 |
| 39 | 37.8 | 32.7 | 49.1 |



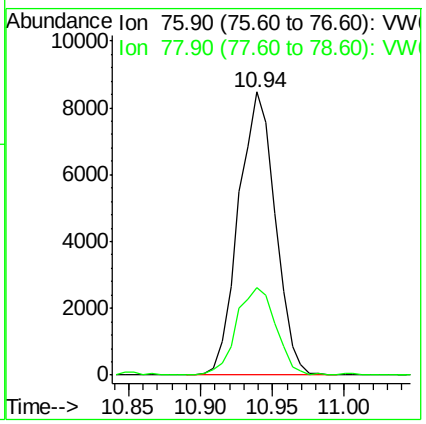


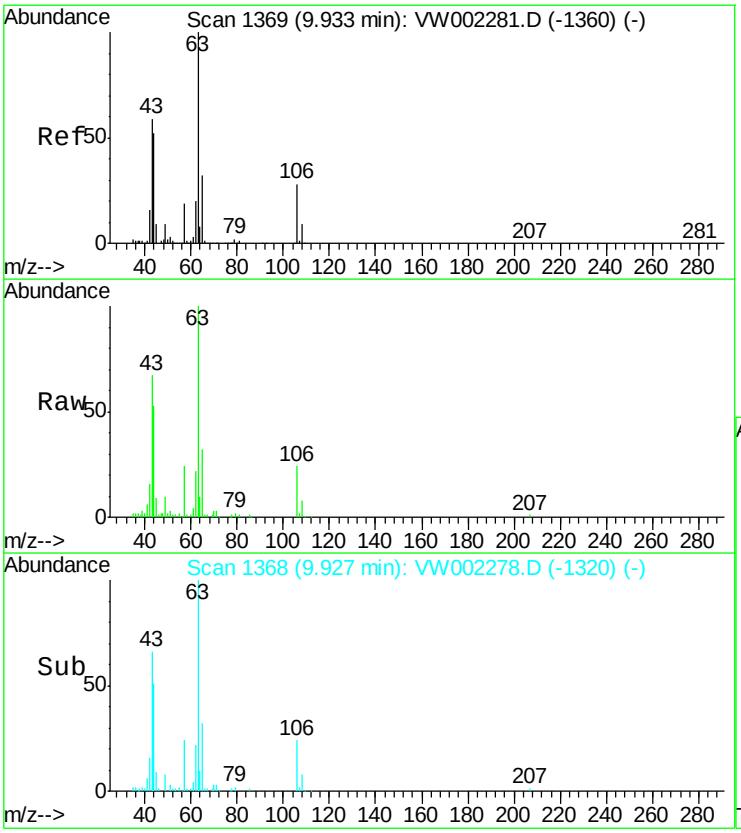

#57
1,3-Dichloropropane
Concen: 5.46 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion: 76 Resp: 14985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.2 | 25.7 | 38.5 |

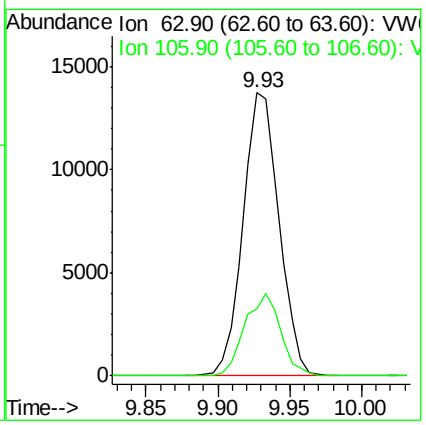


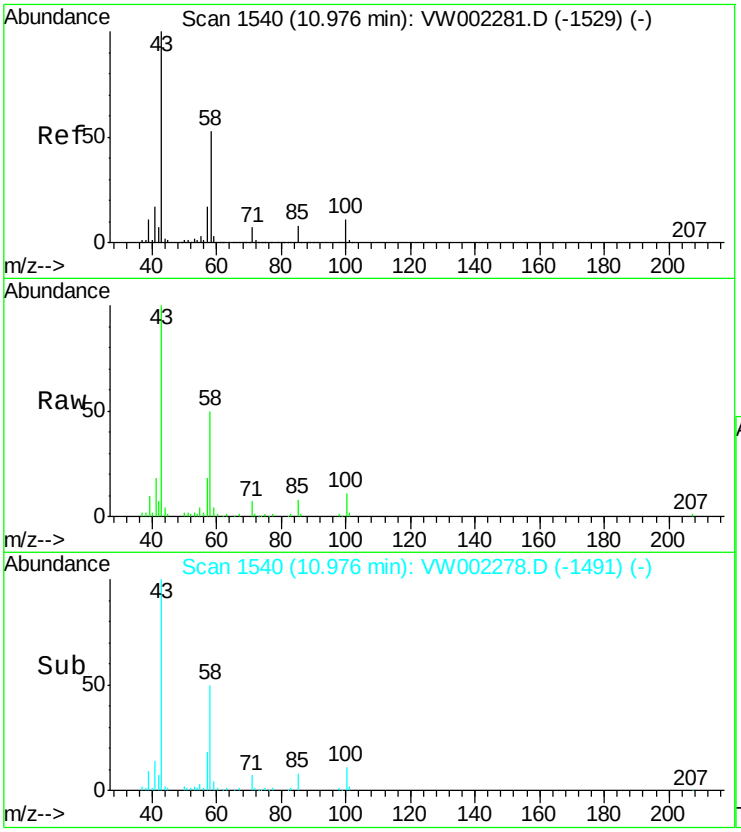




#58
2-Chloroethyl Vinyl ether
Concen: 29.97 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 63 Resp: 23638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.9 | 22.5 | 33.7 |



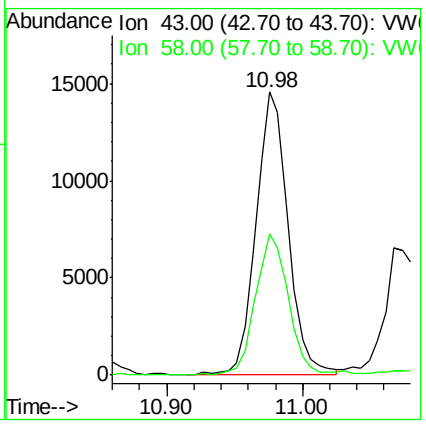


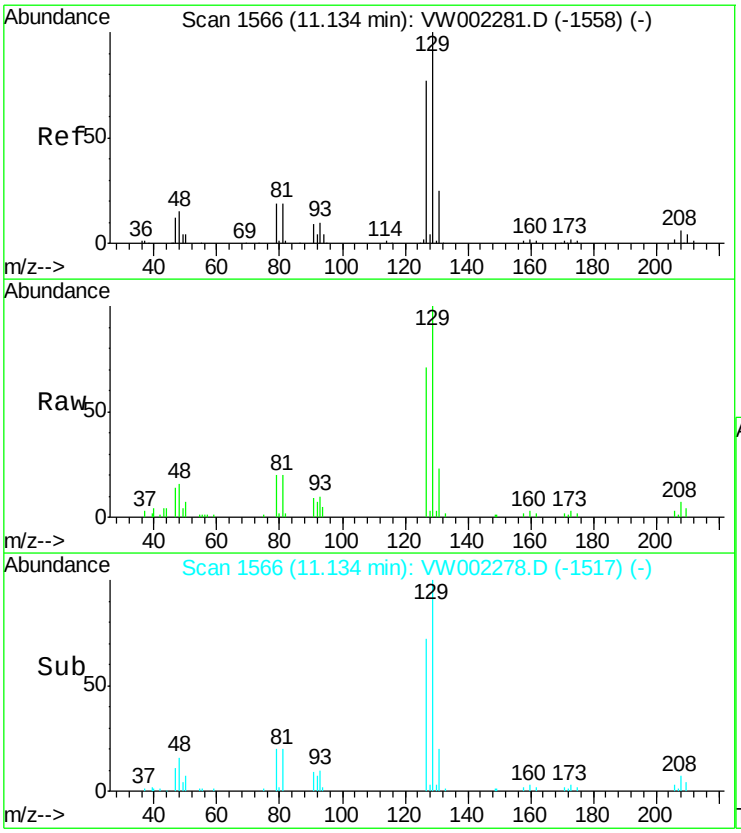

#59
2-Hexanone
Concen: 31.96 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 24177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.7 | 26.0 | 78.0 |

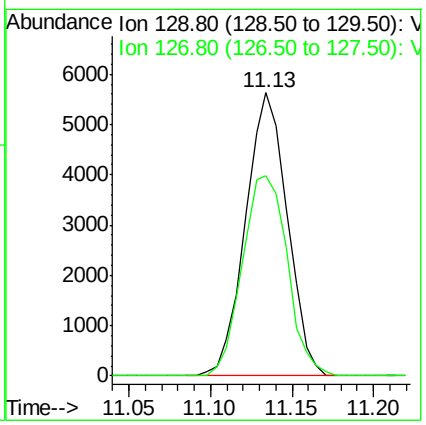


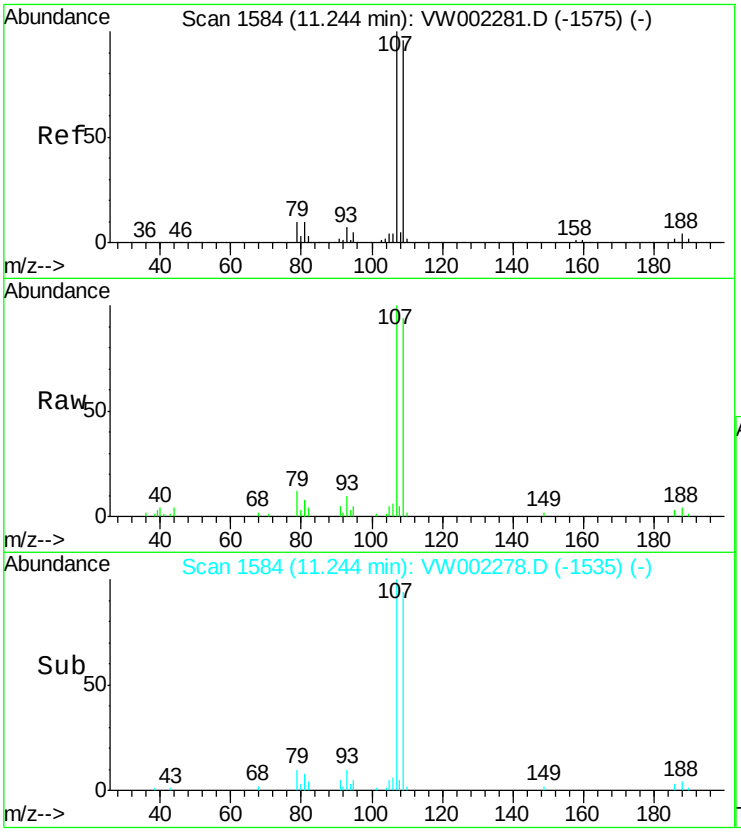




#60
Dibromochloromethane
Concen: 4.24 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:129 Resp: 9998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.3 | 39.0 | 116.9 |



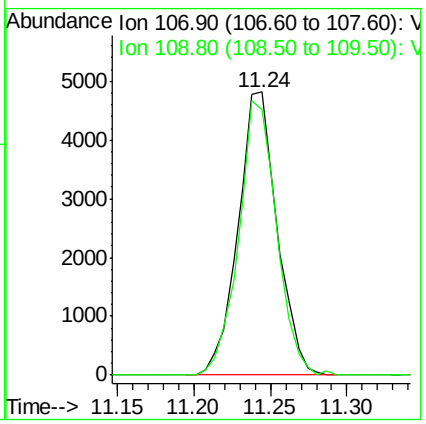


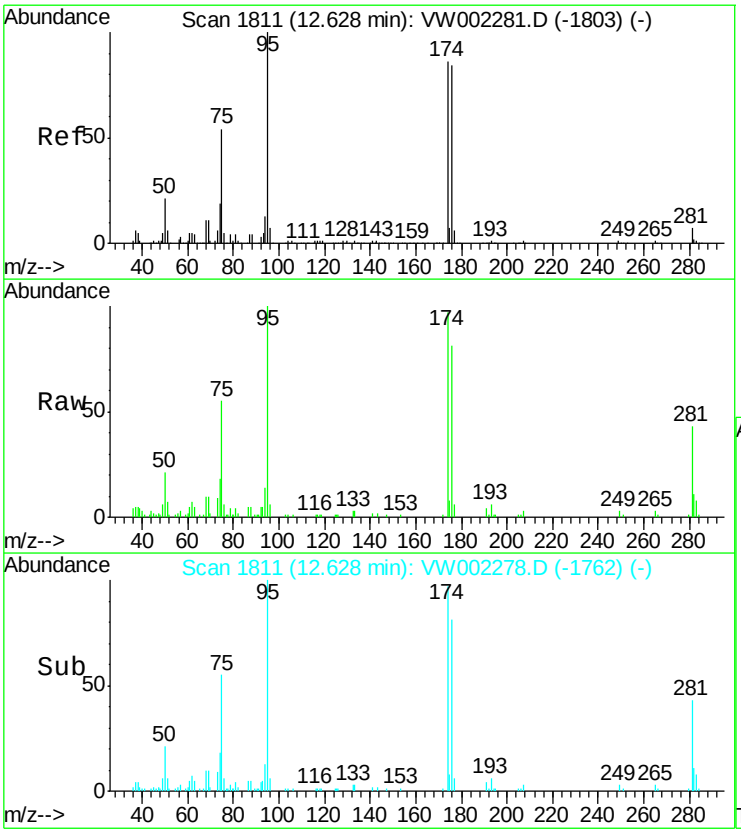

#61
1,2-Dibromoethane
Concen: 5.26 ug/l
RT: 11.24 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion:107 Resp: 8544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 75.9 | 113.9 |

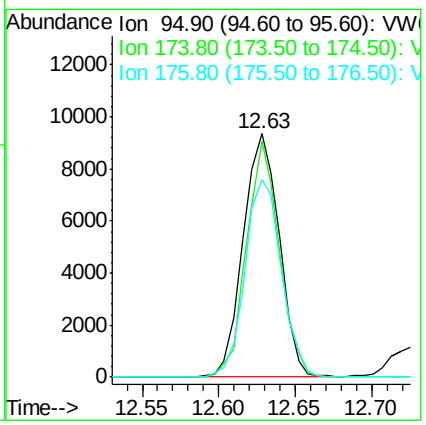


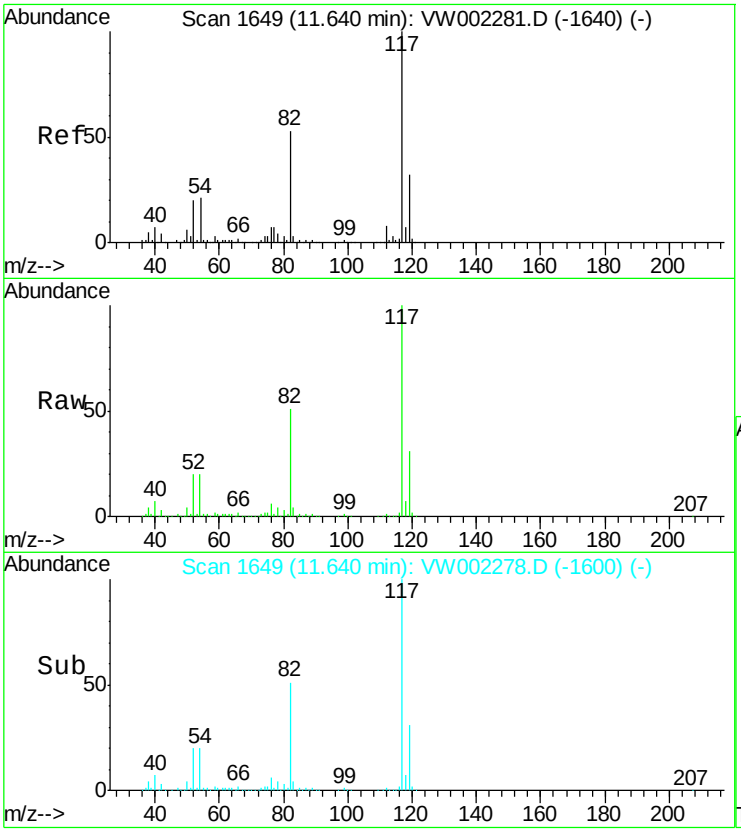




#62
4-Bromofluorobenzene
Concen: 4.69 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 95 Resp: 15327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 88.4 | 0.0 | 176.8 |
| 176 | 81.9 | 0.0 | 170.4 |



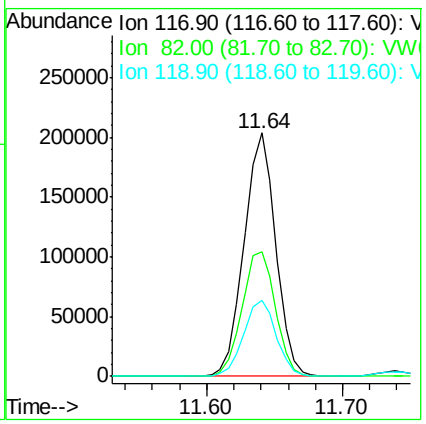


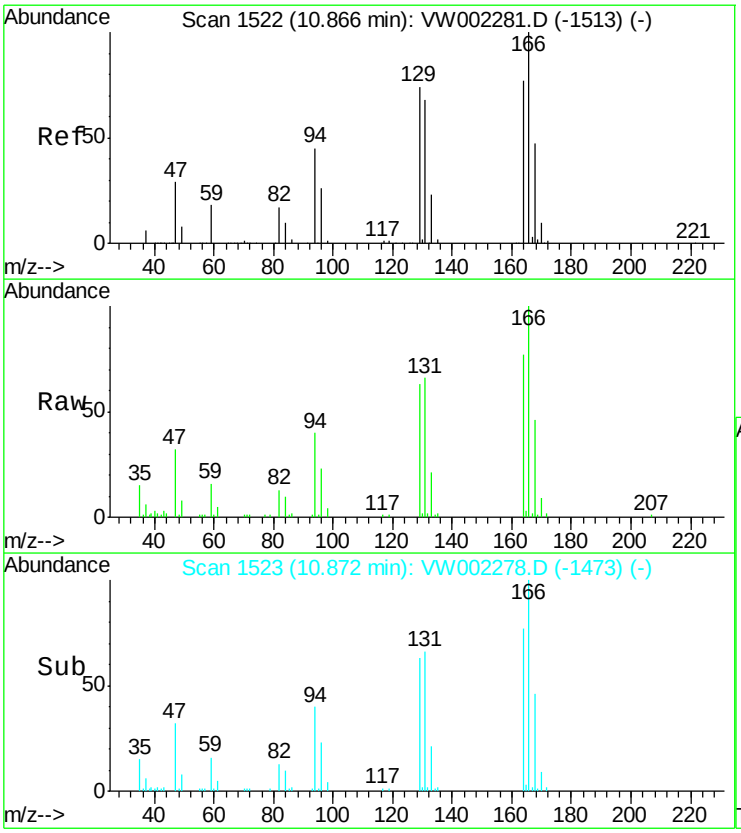

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion:117 Resp: 331931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.1 | 42.6 | 63.8 |
| 119 | 31.0 | 25.2 | 37.8 |

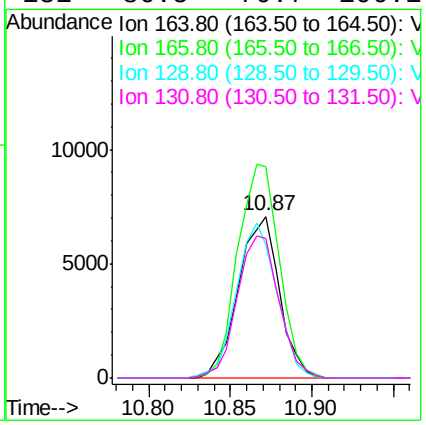


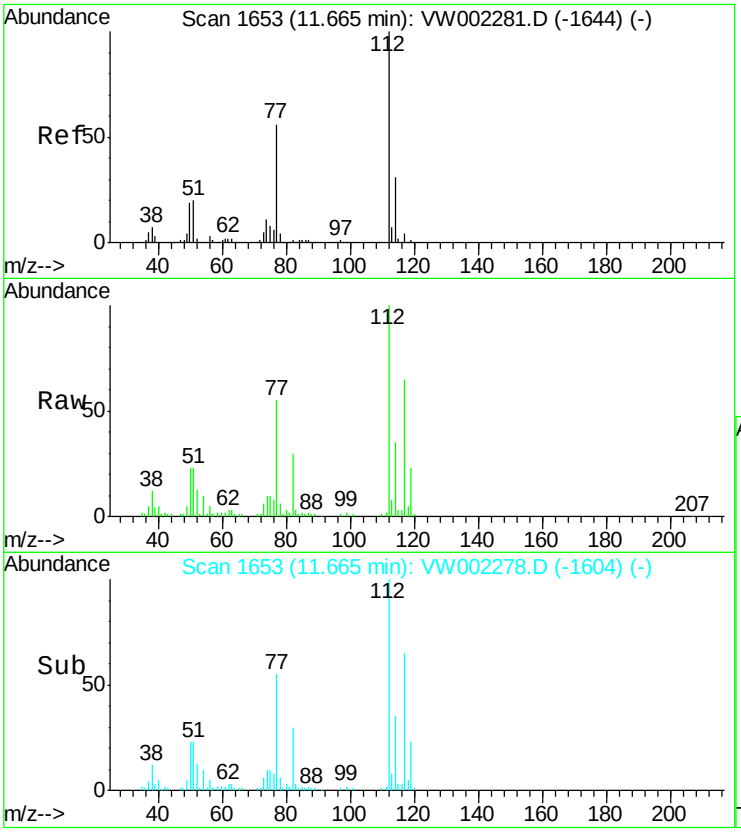




#64
Tetrachloroethene
Concen: 4.36 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:164 Resp: 12337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.7 | 103.3 | 154.9 |
| 129 | 82.1 | 76.6 | 114.8 |
| 131 | 86.5 | 70.7 | 106.1 |



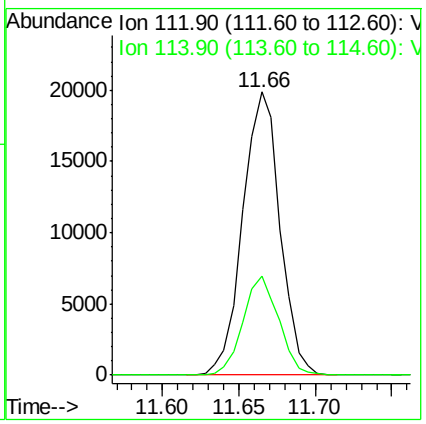


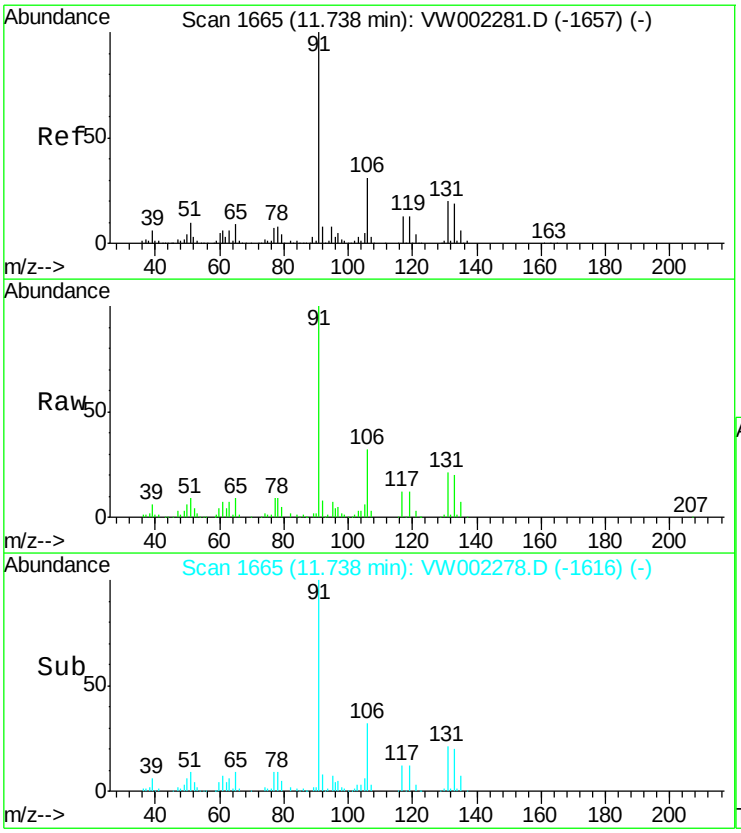

#65
Chlorobenzene
Concen: 4.77 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion:112 Resp: 33614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 34.9 | 25.1 | 37.7 |

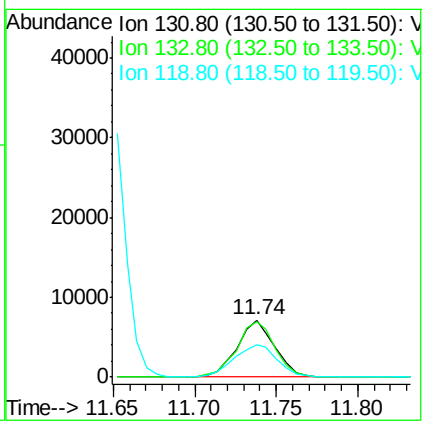


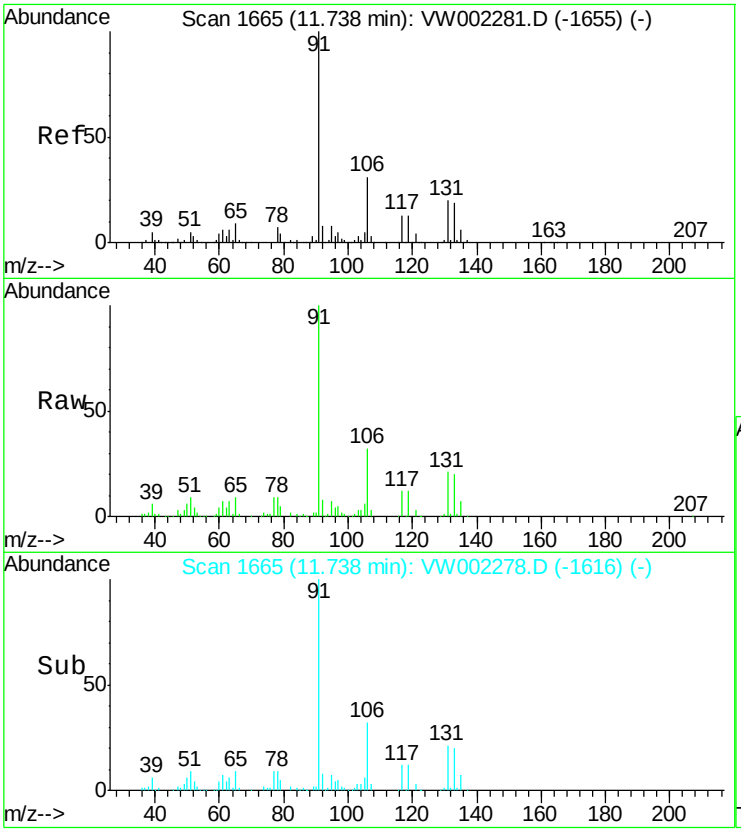




#66
1,1,1,2-Tetrachloroethane
Concen: 4.23 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:131 Resp: 11316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 99.4 | 47.8 | 143.3 |
| 119 | 65.9 | 32.0 | 96.0 |



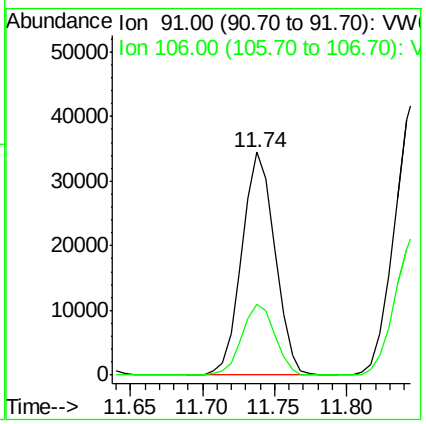


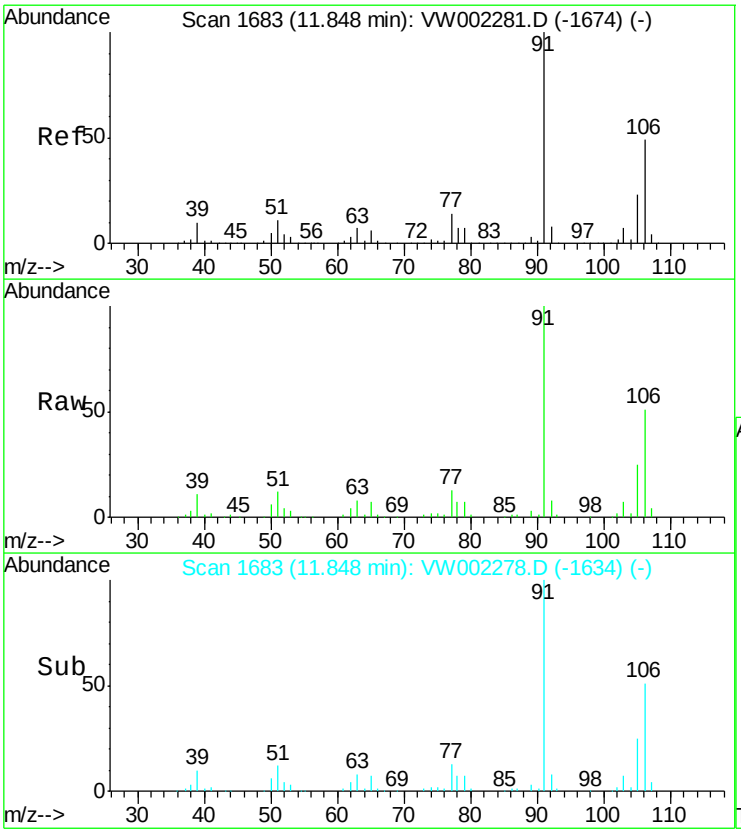

#67
Ethyl Benzene
Concen: 4.76 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 54830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.5 | 24.9 | 37.3 |

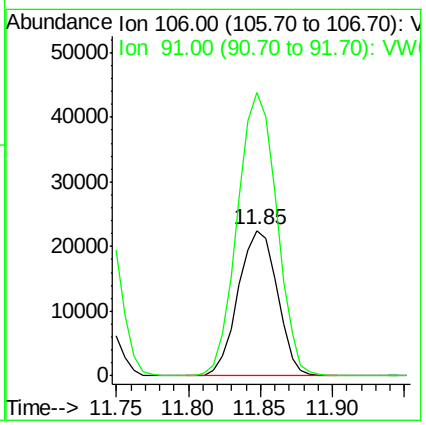


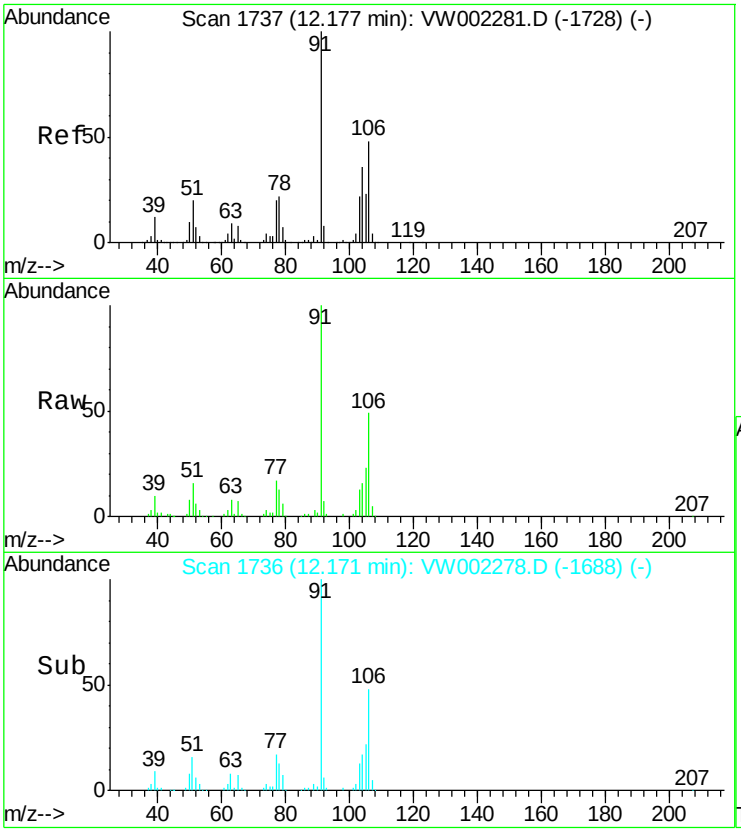




#68
m/p-Xylenes
Concen: 9.15 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:106 Resp: 42414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 195.8 | 161.4 | 242.0 |



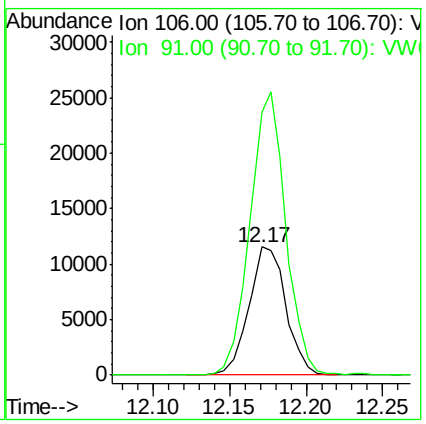


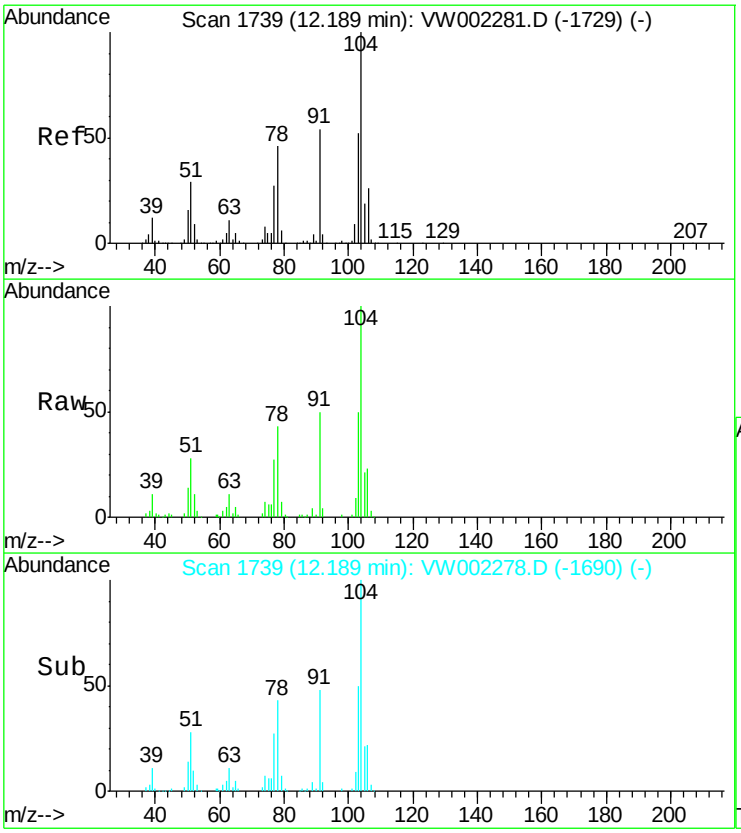

#69
o-Xylene
Concen: 4.65 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion:106 Resp: 19398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.2 | 107.1 | 321.1 |

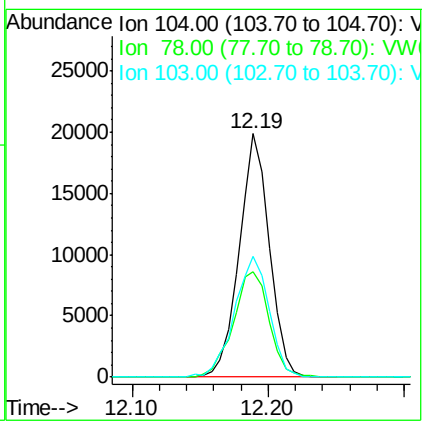


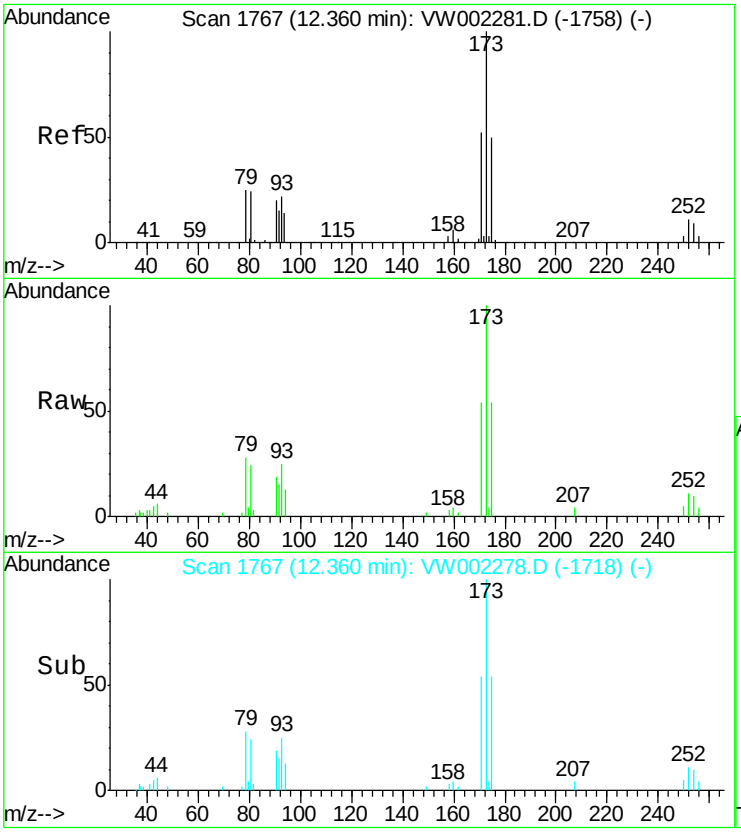




#70
Styrene
Concen: 4.42 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:104 Resp: 30682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.2 | 39.6 | 59.4 |
| 103 | 57.3 | 44.4 | 66.6 |



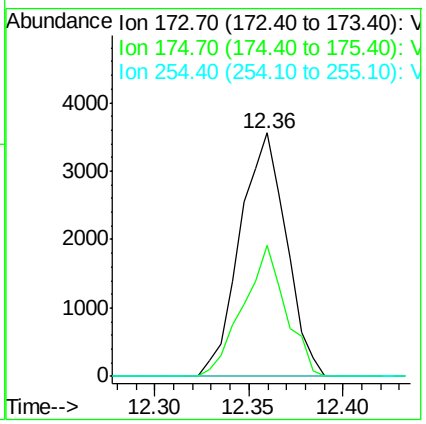


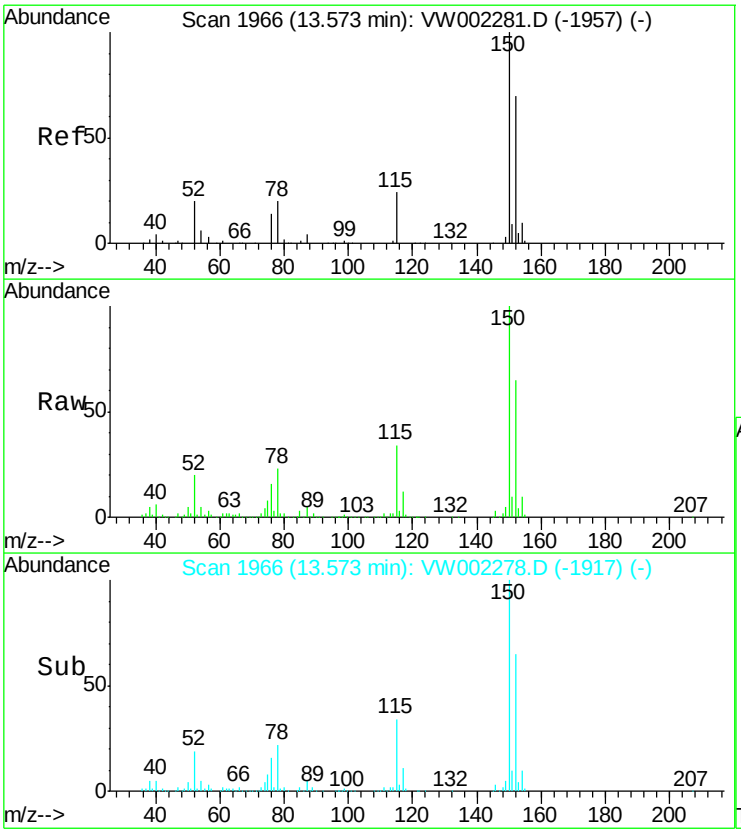

#71
Bromoform
Concen: 4.12 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:173 Resp: 6058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.7 | 24.3 | 72.9 |
| 254 | 0.0 | 0.1 | 0.1# |

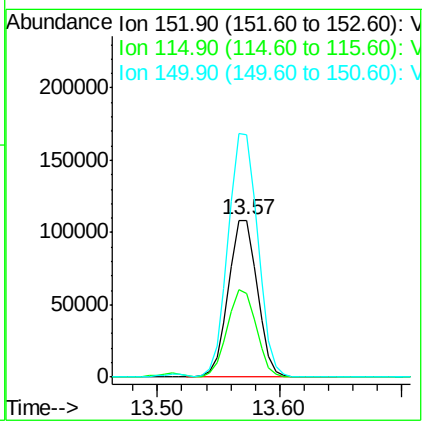


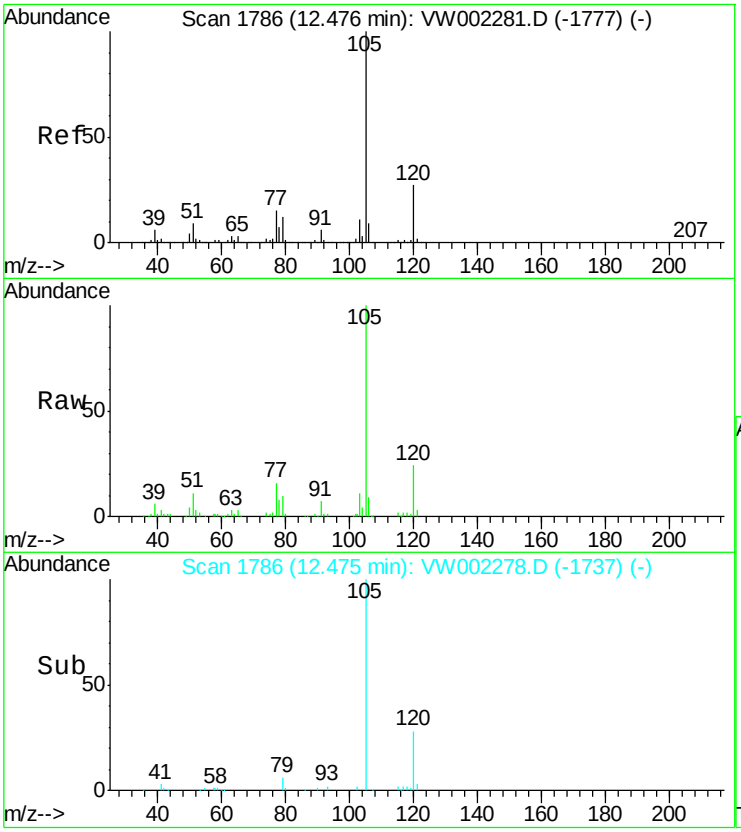




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:152 Resp: 177149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.7 | 28.5 | 85.5 |
| 150 | 159.5 | 0.0 | 342.6 |



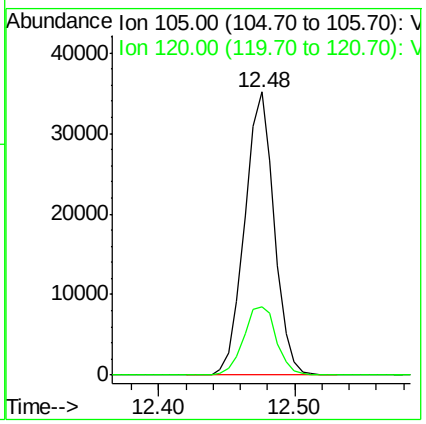


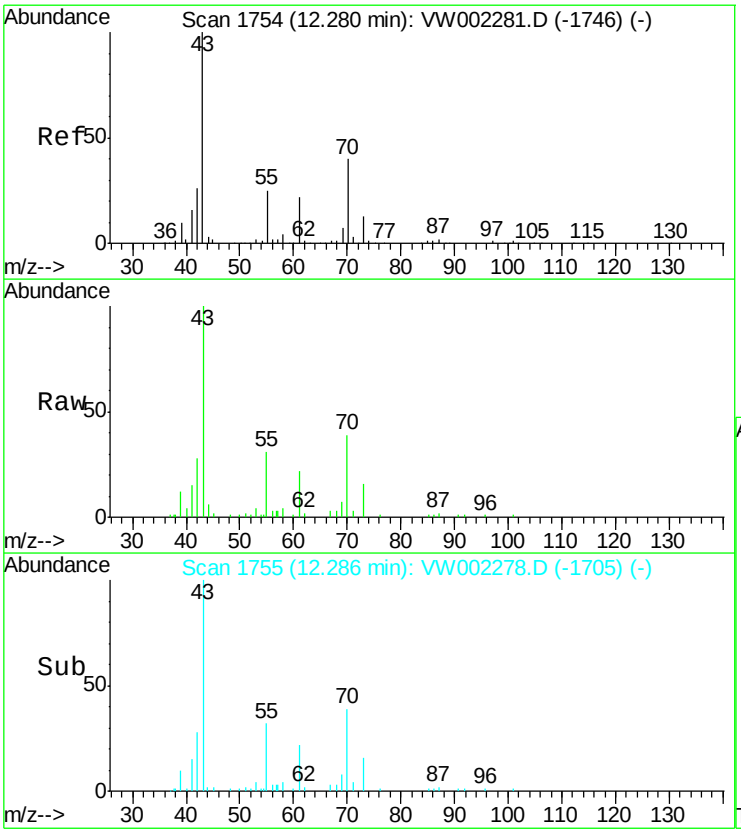

#73
Isopropylbenzene
Concen: 4.88 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion:105 Resp: 53527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.6 | 13.3 | 39.9 |

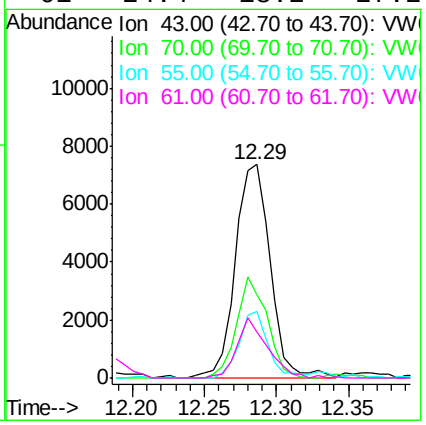


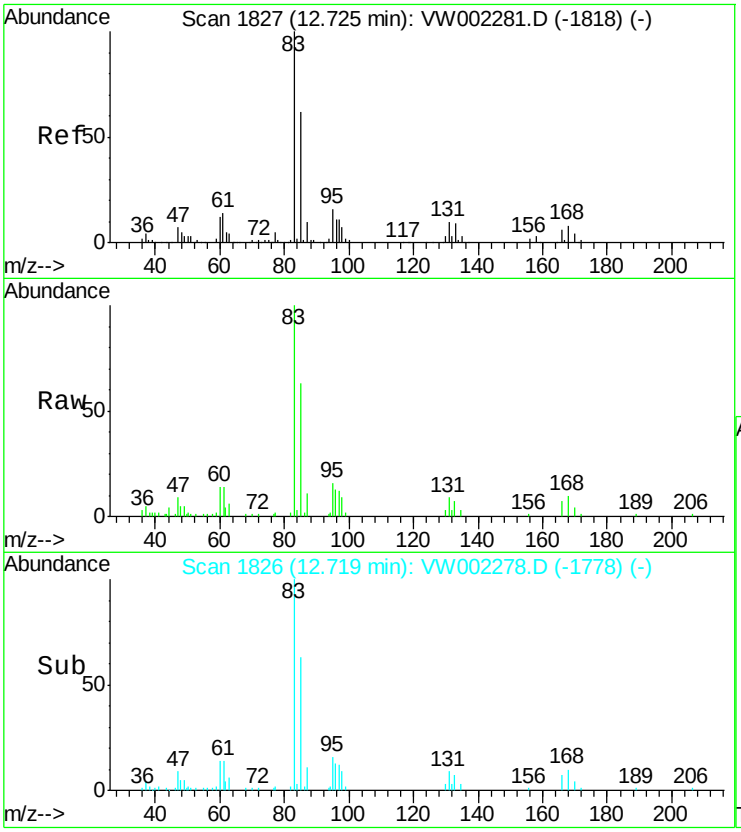




#74
N-amyl acetate
Concen: 6.97 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 43 Resp: 12370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 41.5 | 31.9 | 47.9 |
| 55 | 25.9 | 19.9 | 29.9 |
| 61 | 24.4 | 18.2 | 27.2 |



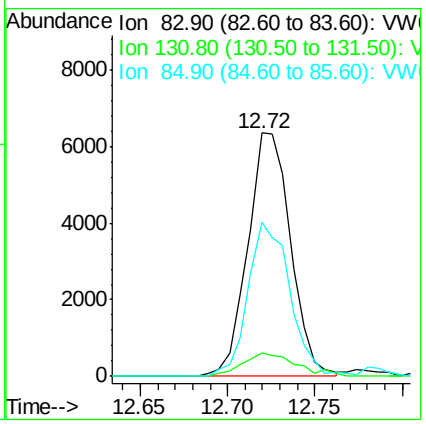


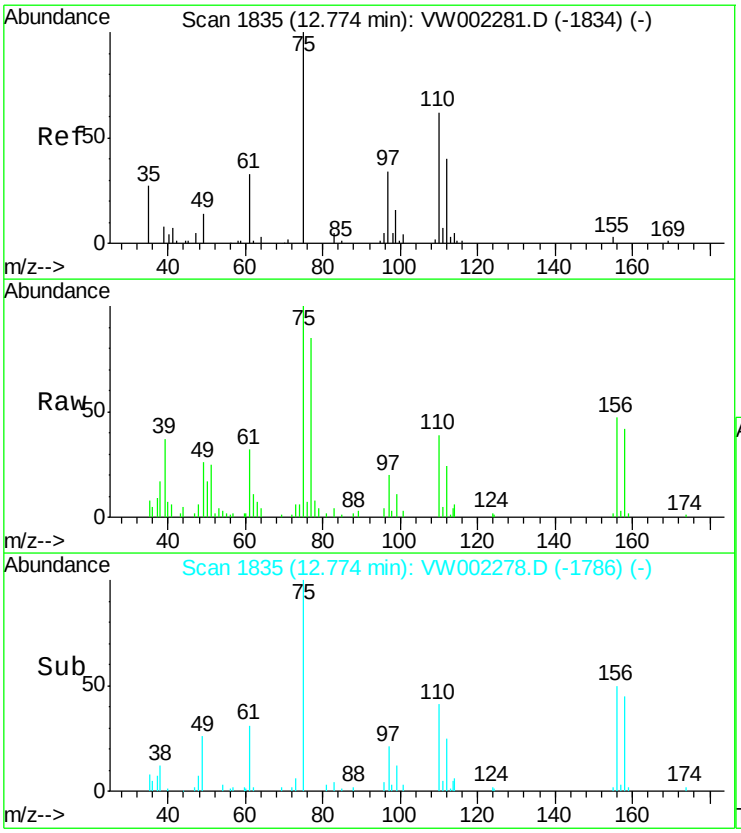

#75
1,1,2,2-Tetrachloroethane
Concen: 6.47 ug/l
RT: 12.72 min Scan# 1826
Delta R.T. -0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 10802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 12.1 | 5.5 | 16.5 |
| 85 | 62.5 | 31.5 | 94.5 |

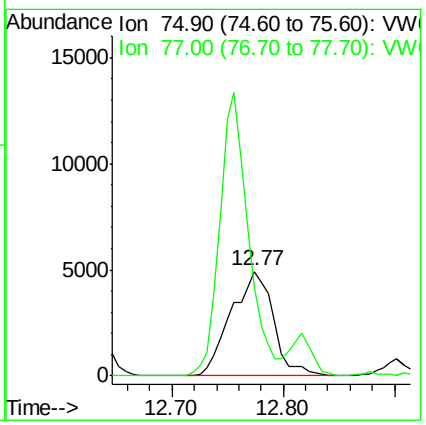


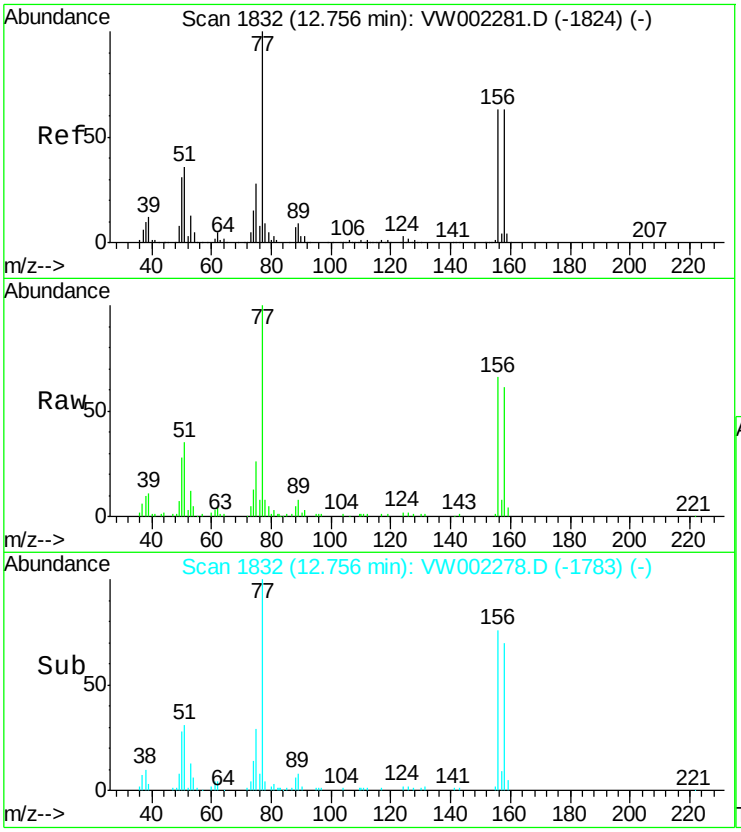




#76
1,2,3-Trichloropropane
Concen: 10.84 ug/l
RT: 12.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 75 Resp: 12998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 183.8 | 187.5 | 562.6# |



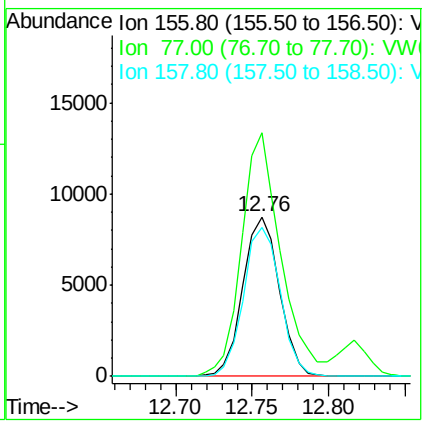


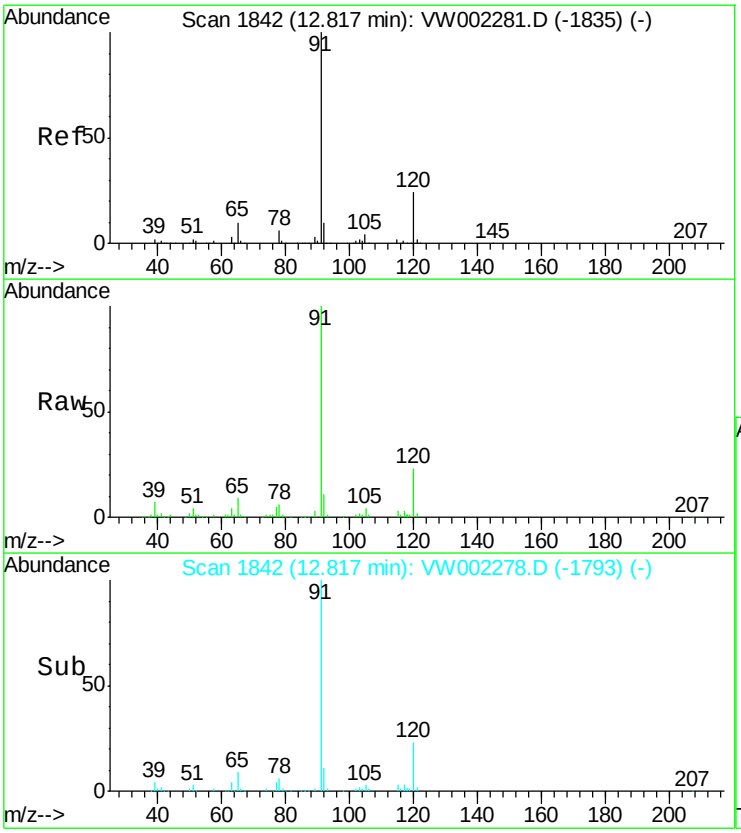

#77
Bromobenzene
Concen: 5.08 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion:156 Resp: 14567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 164.0 | 87.7 | 263.1 |
| 158 | 93.4 | 48.6 | 145.8 |

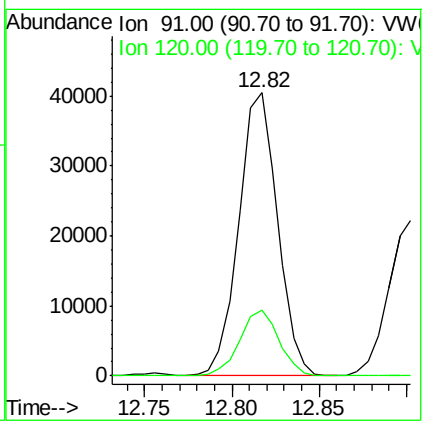


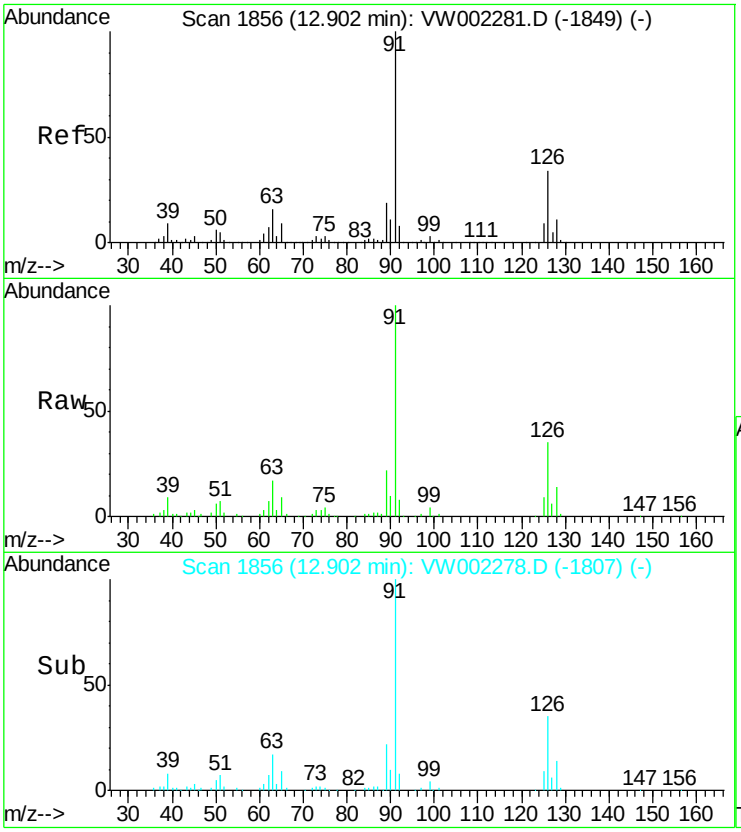




#78
n-propylbenzene
Concen: 4.89 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 91 Resp: 62576

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



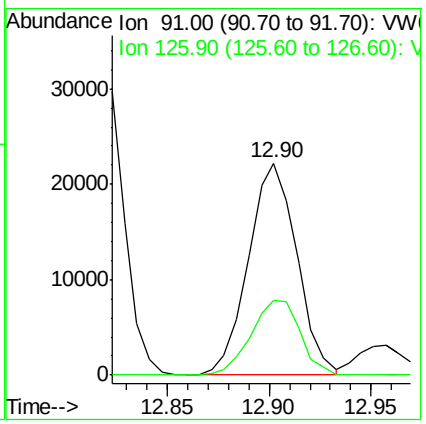


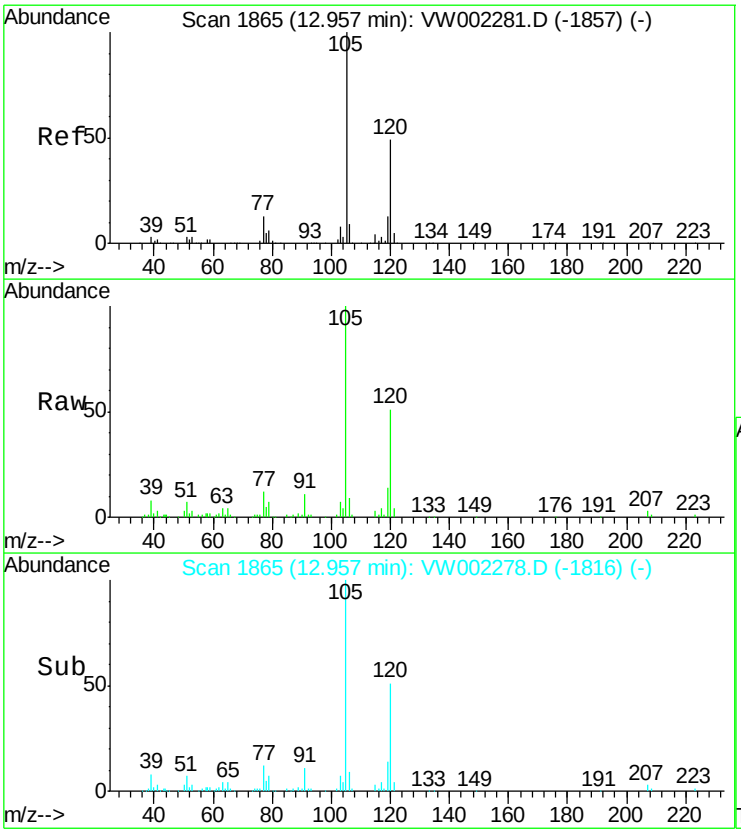

#79
2-Chlorotoluene
Concen: 4.89 ug/l
RT: 12.90 min Scan# 1856
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion: 91 Resp: 36761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.9 | 17.2 | 51.6 |

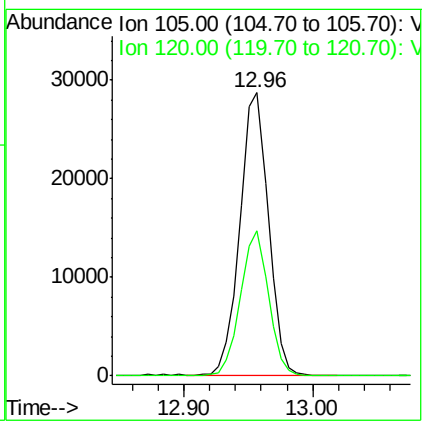


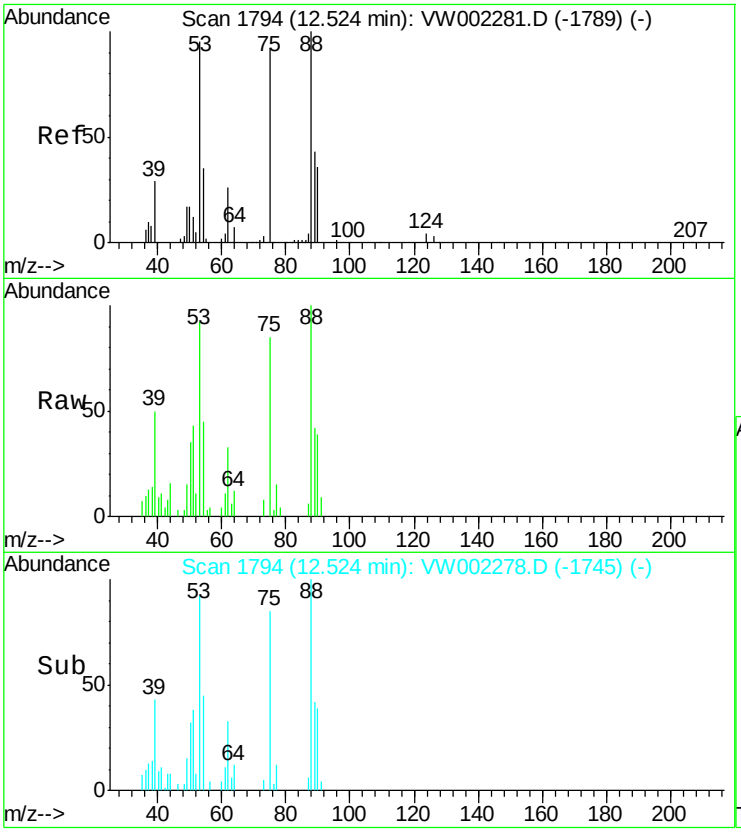




#80
1,3,5-Trimethylbenzene
Concen: 4.60 ug/l
RT: 12.96 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:105 Resp: 44010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.2 | 24.6 | 74.0 |



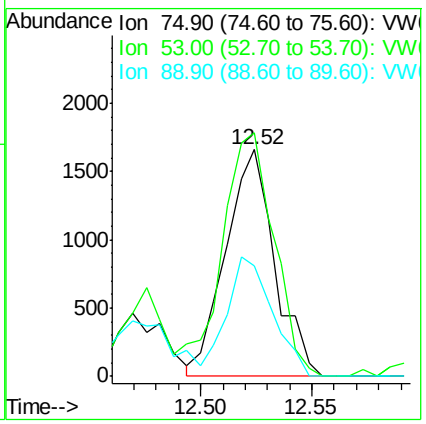


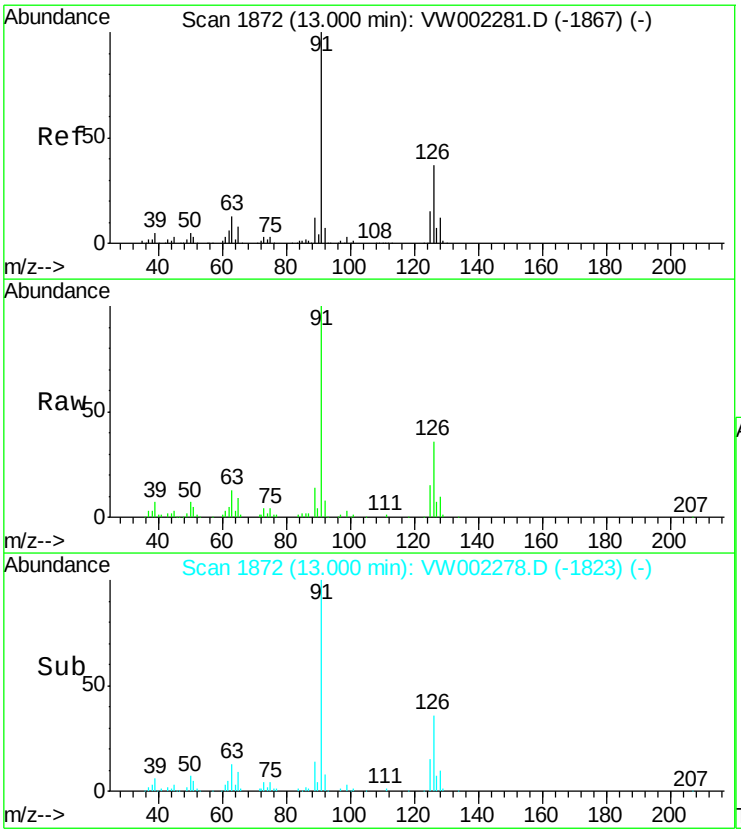

#81
trans-1,4-Dichloro-2-butene
Concen: 5.69 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 2539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 111.4 | 79.9 | 119.9 |
| 89 | 49.1 | 37.6 | 56.4 |

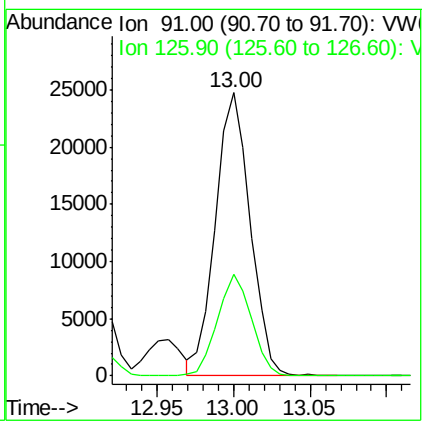


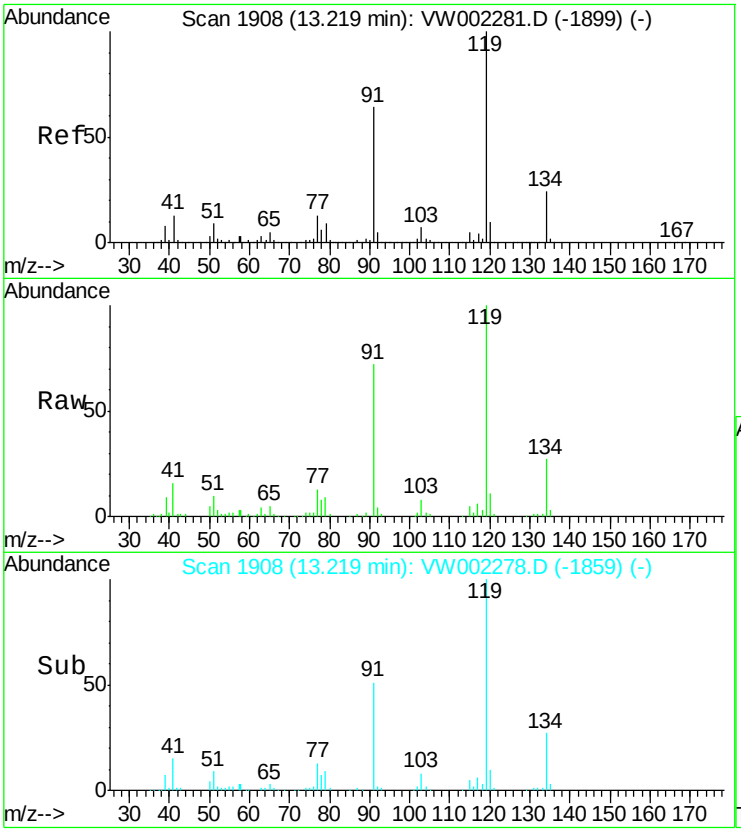




#82
4-Chlorotoluene
Concen: 4.60 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 91 Resp: 39074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.1 | 17.4 | 52.3 |



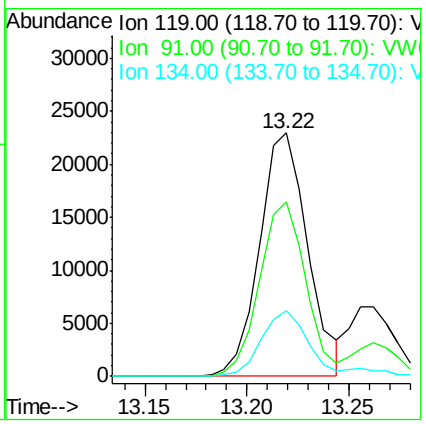


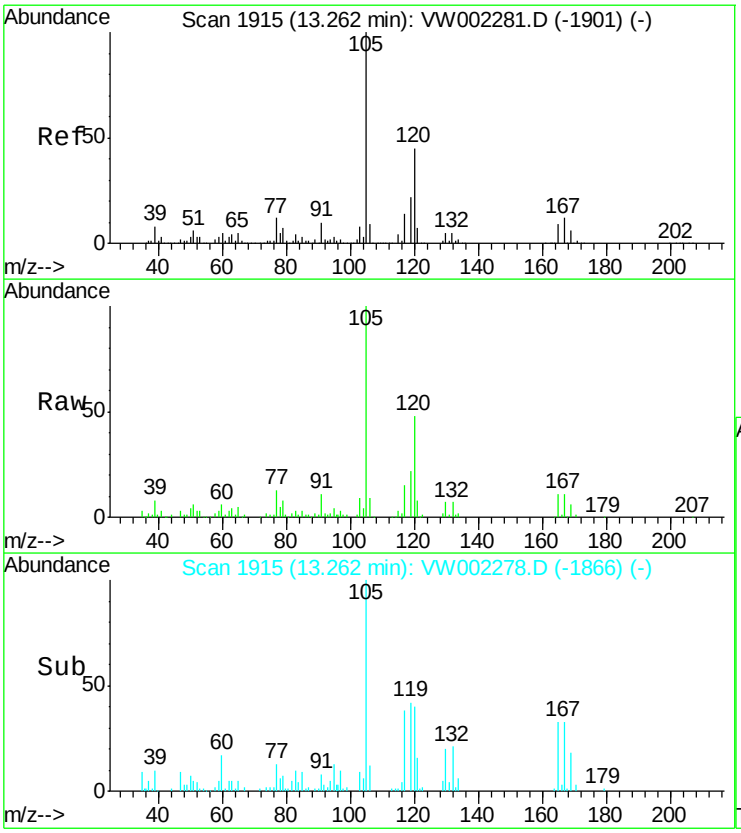

#83
tert-Butylbenzene
Concen: 4.50 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion:119 Resp: 37797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 68.6 | 31.6 | 94.8 |
| 134 | 26.2 | 13.1 | 39.3 |

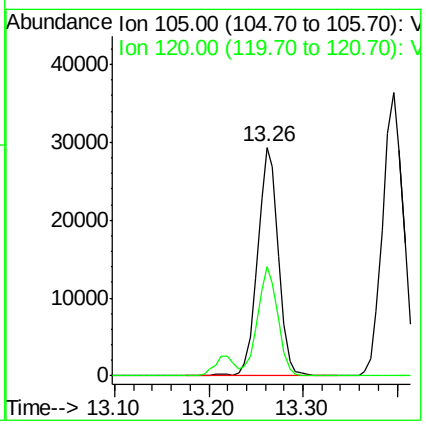


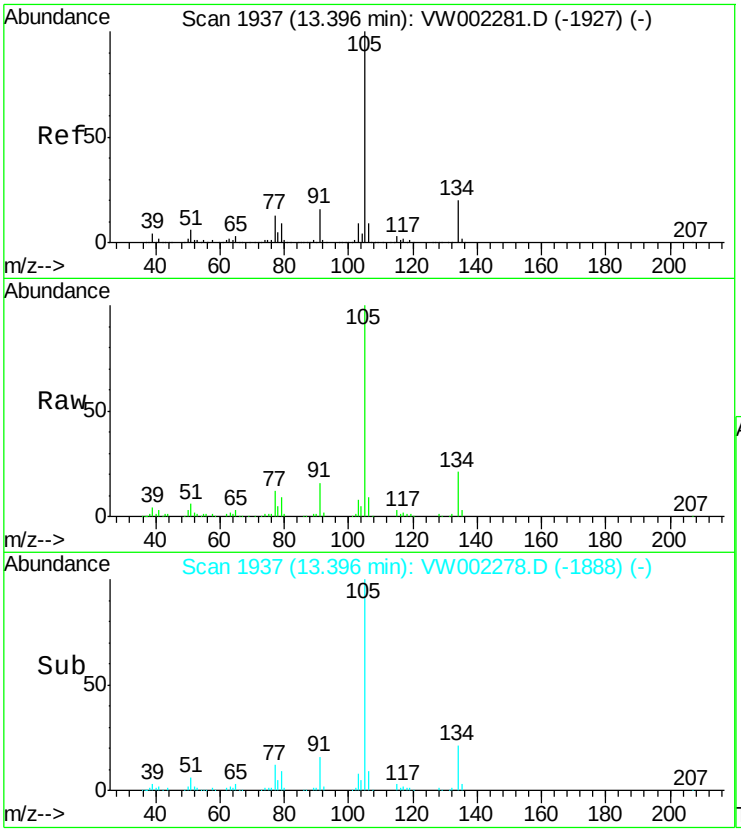




#84
1,2,4-Trimethylbenzene
Concen: 4.64 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:105 Resp: 45628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.9 | 22.5 | 67.5 |



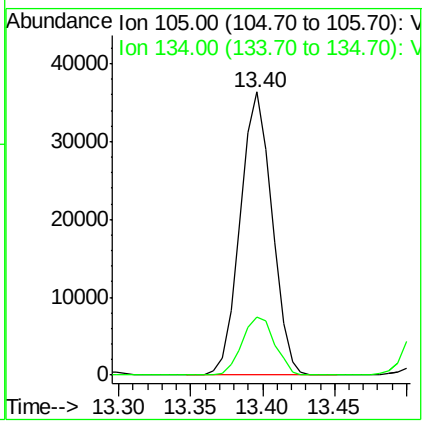


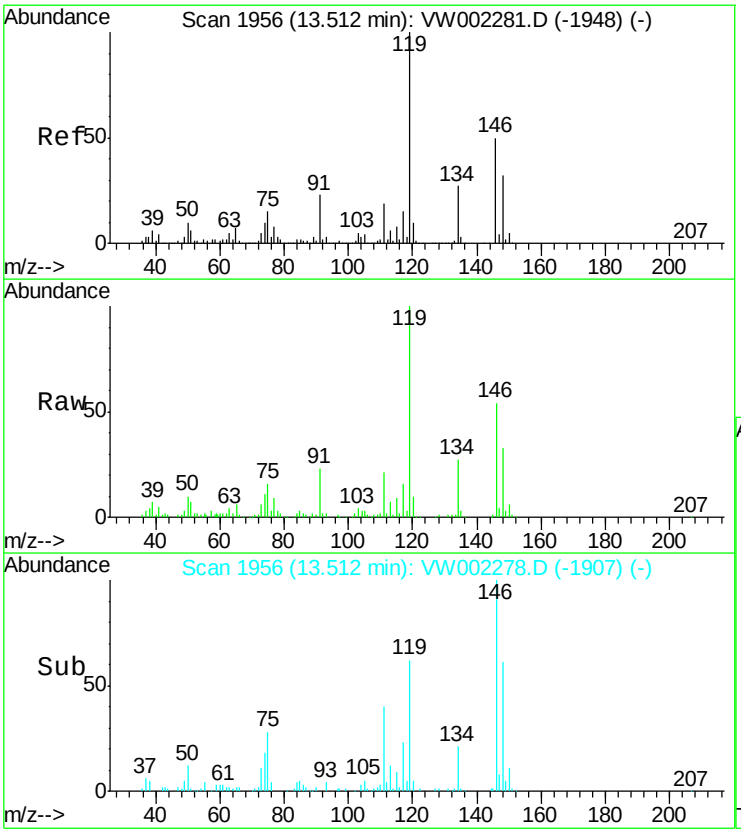

#85
sec-Butylbenzene
Concen: 4.78 ug/l
RT: 13.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:105 Resp: 55700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.1 | 10.3 | 30.8 |

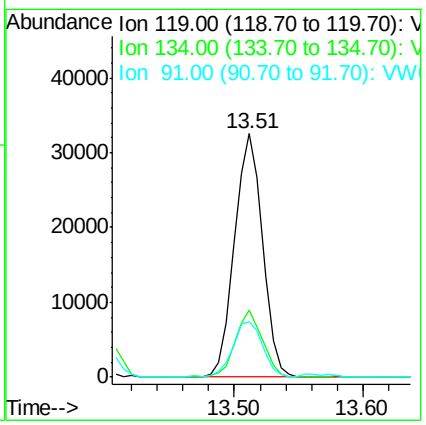


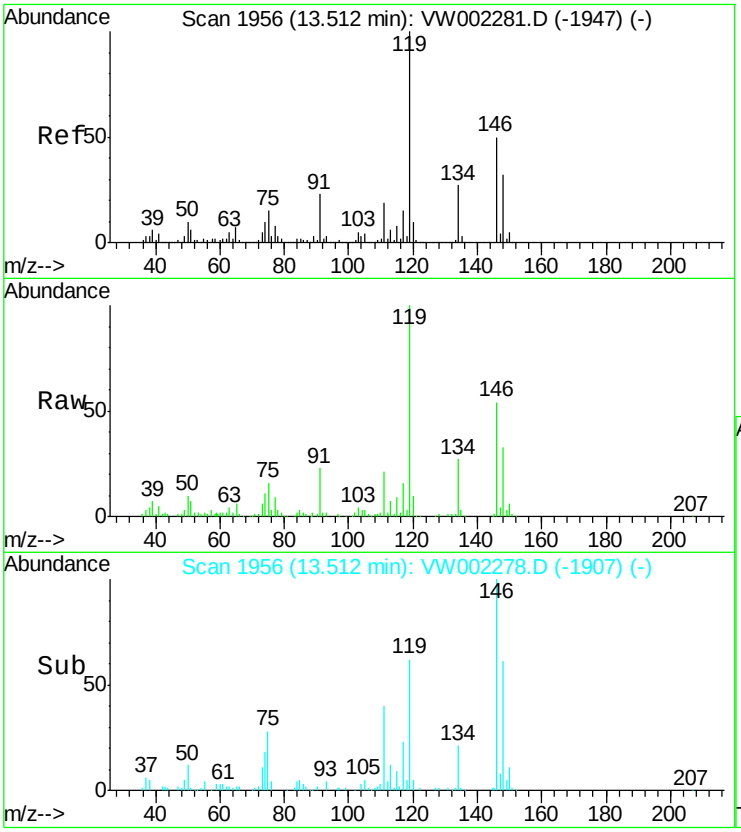




#86
p-Isopropyltoluene
Concen: 4.59 ug/l
RT: 13.51 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:119 Resp: 49112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.4 | 13.3 | 39.9 |
| 91 | 24.5 | 11.8 | 35.3 |



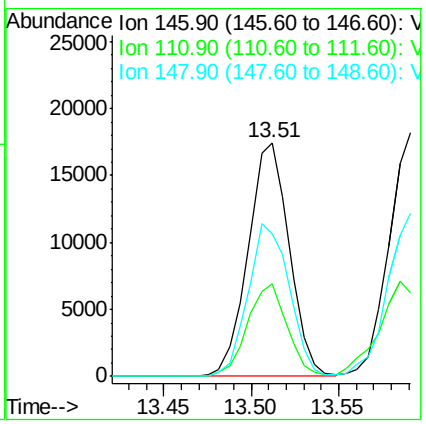


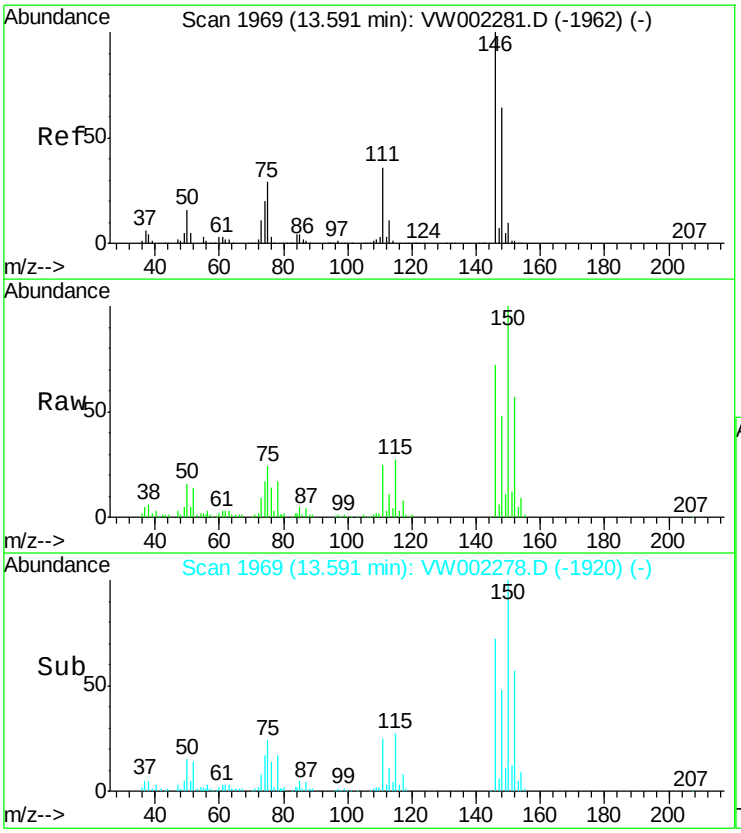

#87
1,3-Dichlorobenzene
Concen: 4.85 ug/l
RT: 13.51 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 28461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 19.3 | 57.8 |
| 148 | 65.7 | 31.6 | 95.0 |

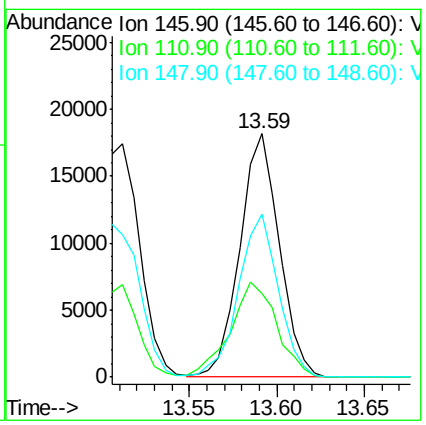


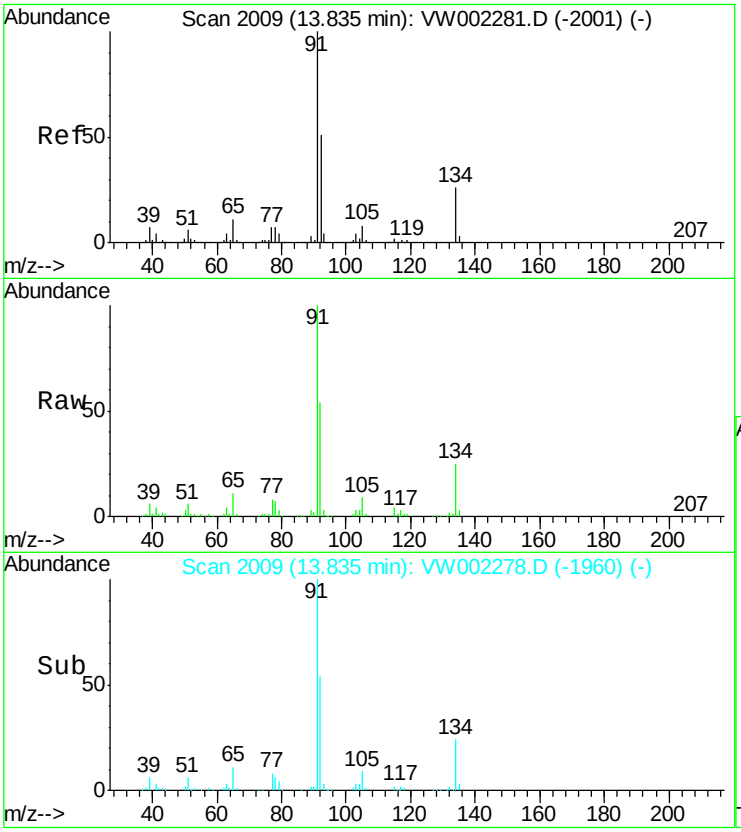




#88
1,4-Dichlorobenzene
Concen: 4.87 ug/l
RT: 13.59 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:146 Resp: 28539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 46.2 | 19.0 | 57.0 |
| 148 | 68.1 | 32.3 | 96.9 |



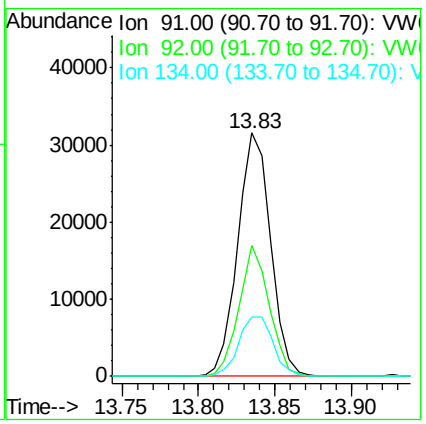


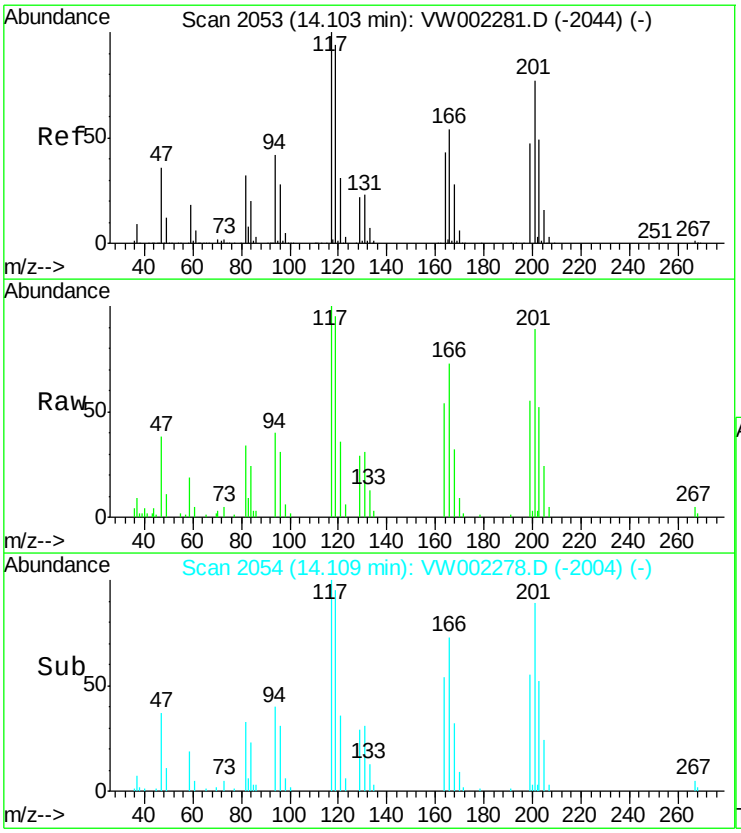

#89
n-Butylbenzene
Concen: 4.91 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC005

Tgt Ion: 91 Resp: 47091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 49.6 | 25.9 | 77.8 |
| 134 | 25.7 | 13.1 | 39.1 |

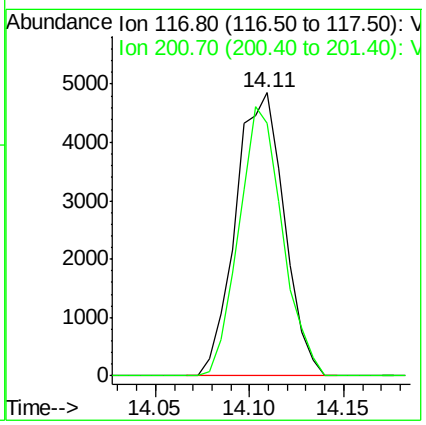


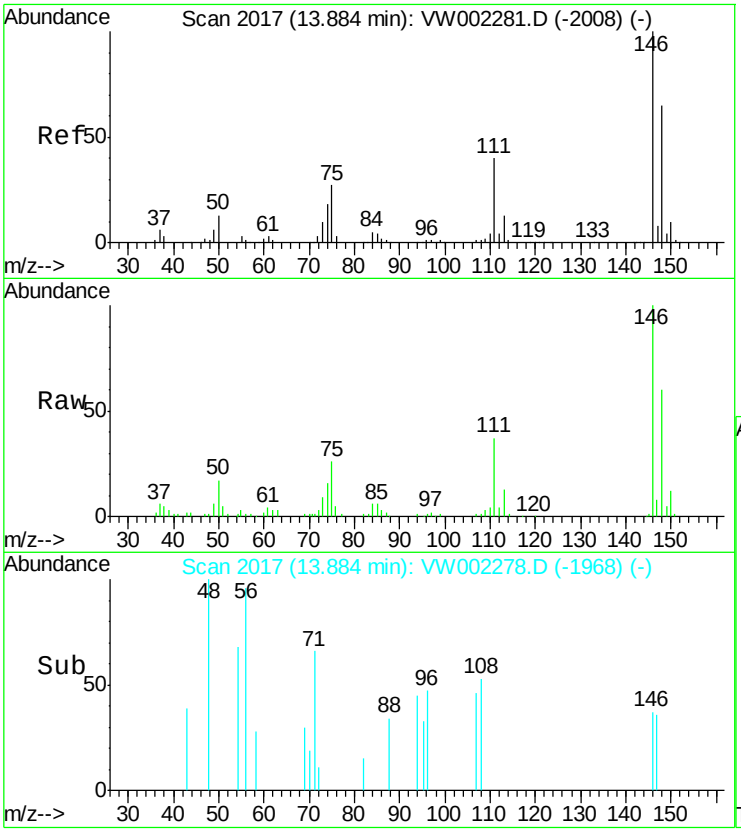




#90
Hexachloroethane
Concen: 4.16 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:117 Resp: 8637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.6 | 42.2 | 126.6 |



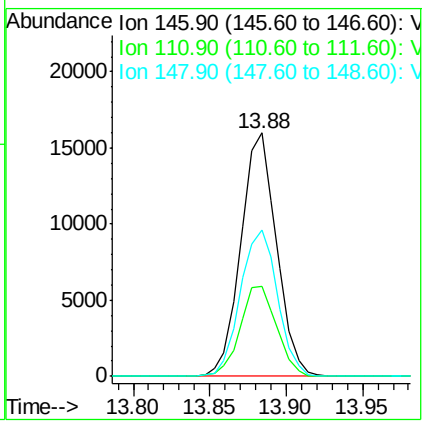


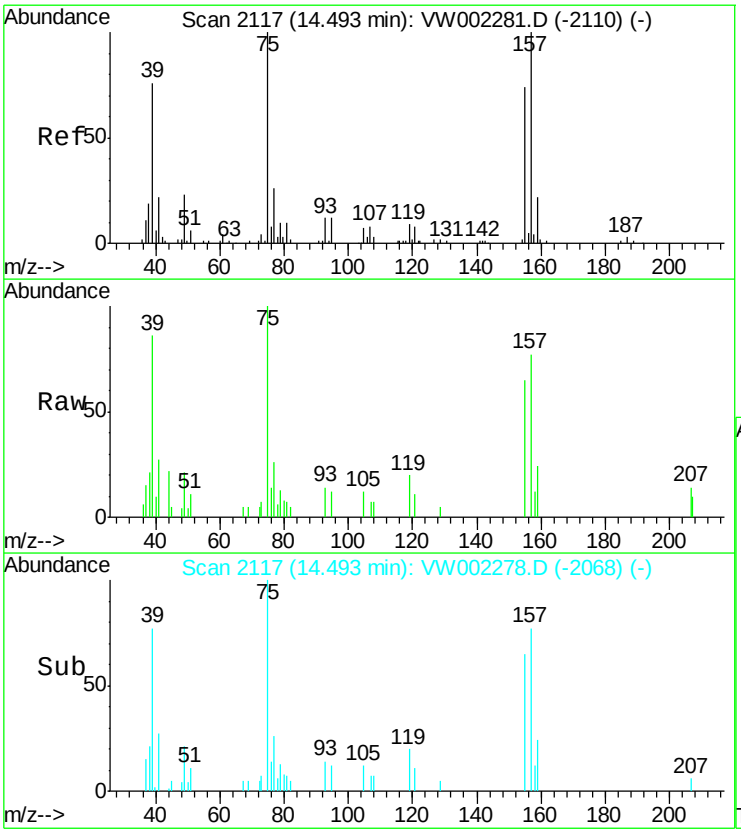

#91
1,2-Dichlorobenzene
Concen: 5.04 ug/l
RT: 13.88 min Scan# 2017
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 25880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.8 | 20.0 | 59.9 |
| 148 | 62.6 | 32.5 | 97.5 |

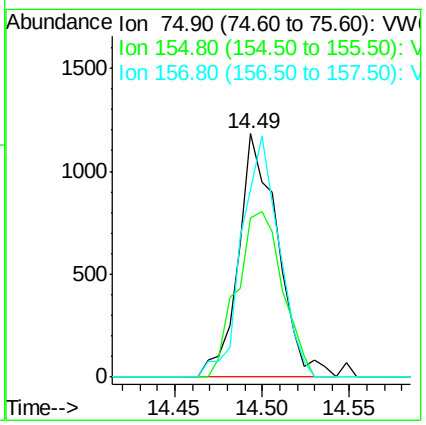


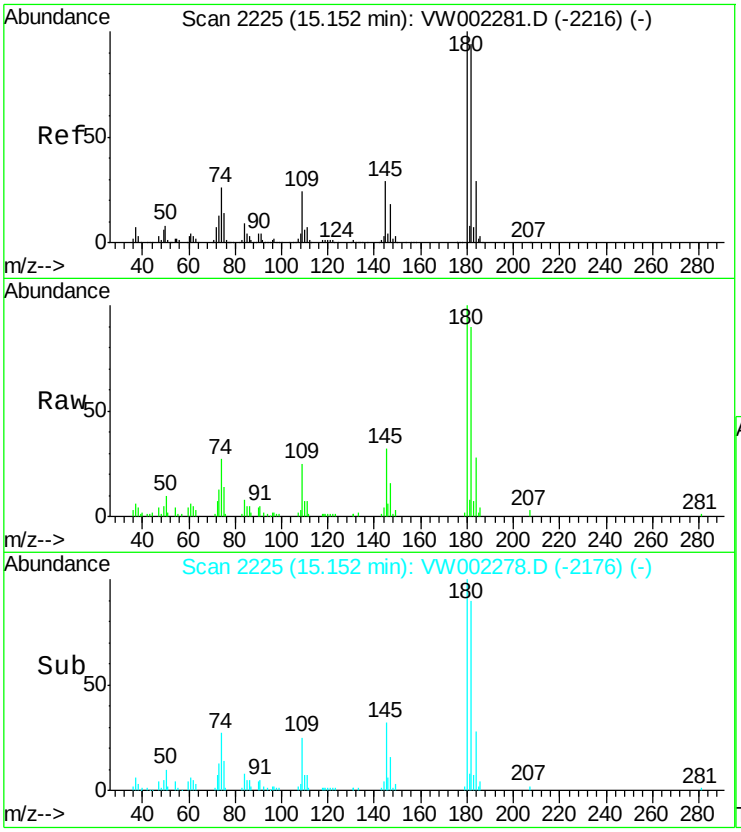




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.90 ug/l
RT: 14.49 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion: 75 Resp: 1843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 78.8 | 43.3 | 129.8 |
| 157 | 94.6 | 55.8 | 167.4 |



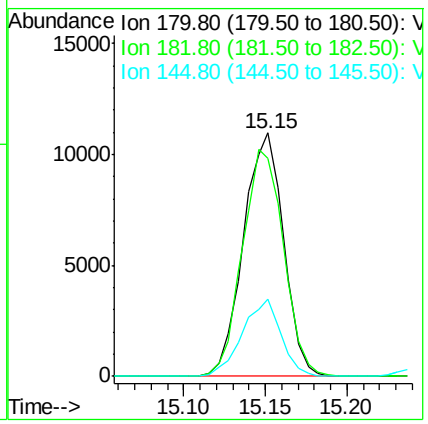


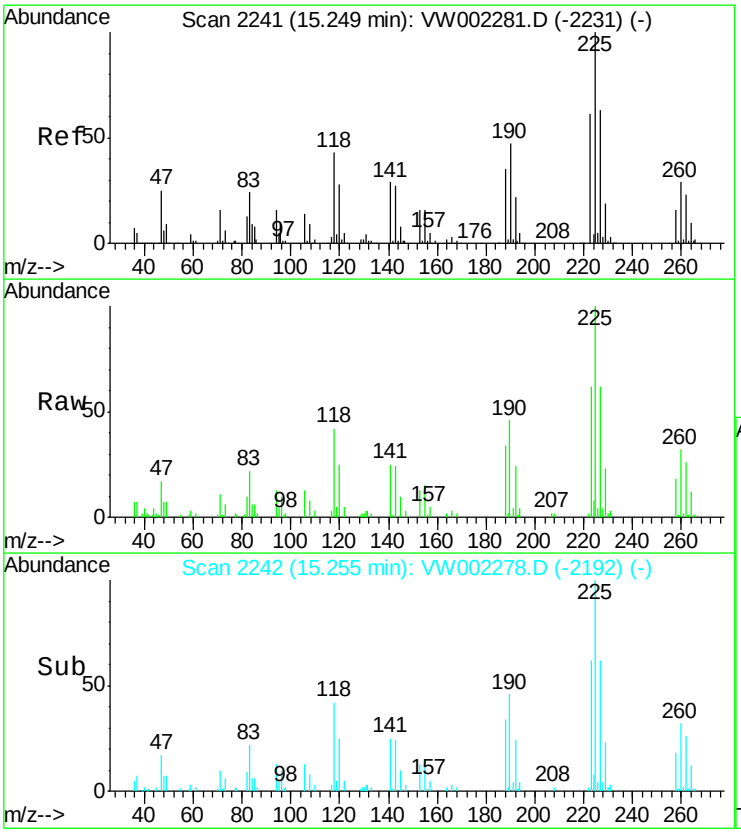

#93
1,2,4-Trichlorobenzene
Concen: 4.98 ug/l
RT: 15.15 min Scan# 2225
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:180 Resp: 18690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 47.3 | 141.8 |
| 145 | 30.6 | 14.5 | 43.6 |

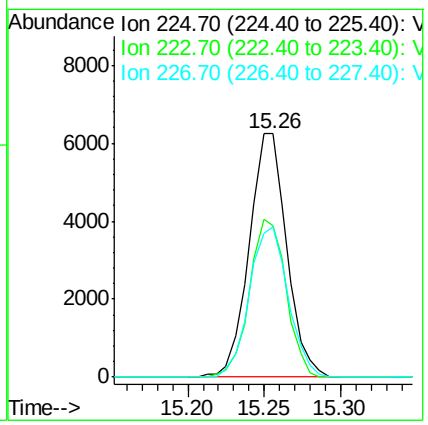


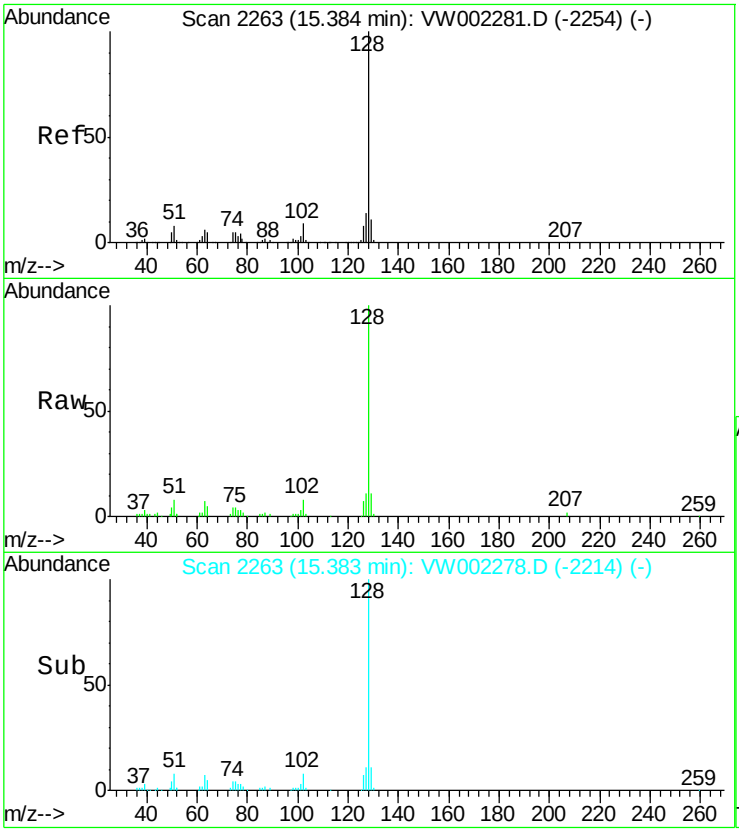




#94
Hexachlorobutadiene
Concen: 4.08 ug/l
RT: 15.26 min Scan# 2242
Delta R.T. 0.01 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:225 Resp: 10658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.1 | 30.9 | 92.7 |
| 227 | 63.4 | 32.0 | 96.0 |



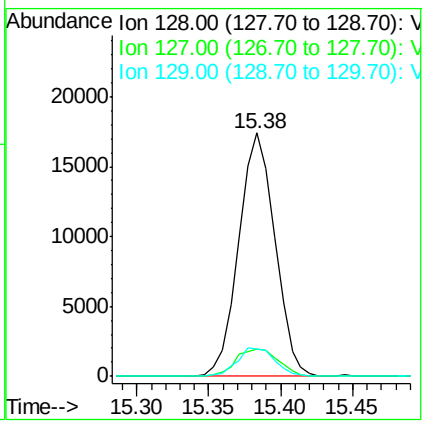


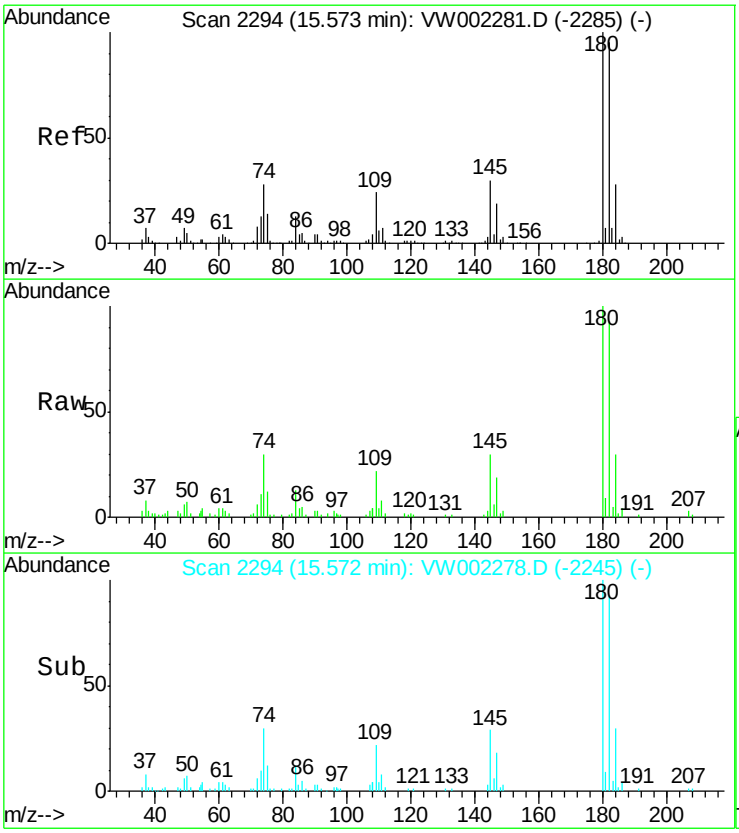

#95
Naphthalene
Concen: 5.42 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC005

Tgt Ion:128 Resp: 30287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 11.0 | 16.4 |
| 129 | 12.3 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 5.16 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002278.D
Acq: 07 May 2018 23:46

Tgt Ion:180 Resp: 16534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 48.0 | 144.0 |
| 145 | 32.2 | 15.7 | 47.0 |