Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\

Quantitation Report (Not Reviewed)

Data File : VW005896.D
Acq On : 08 Oct 2018 15:34
Operator : SY/AP
Sample : VW1008SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Quant Time: Oct 09 06:06:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 321312 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.84 | 114 | 463307 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 422634 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 228025 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 147308 | 47.23 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.46% | | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 150774 | 50.97 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.94% | | | | |
| 50) Toluene-d8 | 10.32 | 98 | 591067 | 51.94 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.88% | | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 217510 | 50.23 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.46% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.01 | 85 | 30347 | 19.273 | ug/l | | 100 |
| 3) Chloromethane | 2.21 | 50 | 34892 | 18.839 | ug/l | | 100 |
| 4) Vinyl Chloride | 2.37 | 62 | 57476 | 19.547 | ug/l | | 99 |
| 5) Bromomethane | 2.78 | 94 | 47336 | 20.398 | ug/l | | 98 |
| 6) Chloroethane | 2.92 | 64 | 37438 | 19.984 | ug/l | | 96 |
| 7) Trichlorofluoromethane | 3.25 | 101 | 45130 | 19.336 | ug/l | | 98 |
| 8) Diethyl Ether | 3.67 | 74 | 27018 | 18.809 | ug/l | | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 54949 | 18.655 | ug/l | | 98 |
| 10) Methyl Iodide | 4.26 | 142 | 88358 | 18.343 | ug/l | | 99 |
| 11) Tert butyl alcohol | 5.23 | 59 | 18051 | 78.963 | ug/l | # | 91 |
| 12) 1,1-Dichloroethene | 4.03 | 96 | 52038 | 18.397 | ug/l | | 95 |
| 13) Acrolein | 3.89 | 56 | 18237 | 89.522 | ug/l | | 99 |
| 14) Allyl chloride | 4.66 | 41 | 85242 | 17.672 | ug/l | | 99 |
| 15) Acrylonitrile | 5.37 | 53 | 53329 | 85.308 | ug/l | | 99 |
| 16) Acetone | 4.14 | 43 | 57513 | 92.310 | ug/l | | 100 |
| 17) Carbon Disulfide | 4.37 | 76 | 147118 | 17.204 | ug/l | | 99 |
| 18) Methyl Acetate | 4.68 | 43 | 24647 | 15.676 | ug/l | | 99 |
| 19) Methyl tert-butyl Ether | 5.43 | 73 | 81042 | 18.416 | ug/l | | 96 |
| 20) Methylene Chloride | 4.90 | 84 | 58329 | 18.686 | ug/l | | 99 |
| 21) trans-1,2-Dichloroethene | 5.42 | 96 | 57638 | 18.696 | ug/l | | 97 |
| 22) Diisopropyl ether | 6.31 | 45 | 165471 | 18.351 | ug/l | | 98 |
| 23) Vinyl Acetate | 6.25 | 43 | 490181 | 88.323 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 6.21 | 63 | 101545 | 18.402 | ug/l | | 99 |
| 25) 2-Butanone | 7.18 | 43 | 76034 | 85.801 | ug/l | | 100 |
| 26) 2,2-Dichloropropane | 7.17 | 77 | 73552 | 18.940 | ug/l | | 100 |
| 27) cis-1,2-Dichloroethene | 7.17 | 96 | 64540 | 18.512 | ug/l | | 99 |
| 28) Bromochloromethane | 7.51 | 49 | 39055 | 19.174 | ug/l | | 100 |
| 29) Tetrahydrofuran | 7.54 | 42 | 45077 | 80.468 | ug/l | | 98 |
| 30) Chloroform | 7.67 | 83 | 106585 | 18.805 | ug/l | | 99 |
| 31) Cyclohexane | 7.95 | 56 | 98297 | 18.001 | ug/l | | 95 |
| 32) 1,1,1-Trichloroethane | 7.87 | 97 | 95416 | 18.903 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 8.08 | 75 | 82762 | 18.643 | ug/l | | 99 |
| 37) Ethyl Acetate | 7.26 | 43 | 32858 | 17.478 | ug/l | | 98 |
| 38) Carbon Tetrachloride | 8.07 | 117 | 91362 | 19.155 | ug/l | | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\

Quantitation Report (Not Reviewed)

Data File : VW005896.D
Acq On : 08 Oct 2018 15:34
Operator : SY/AP
Sample : VW1008SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Quant Time: Oct 09 06:06:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.34 | 83 | 110928 | 18.945 ug/l | 99 |
| 40) Benzene | 8.32 | 78 | 230404 | 18.963 ug/l | 99 |
| 41) Methacrylonitrile | 7.49 | 41 | 21395 | 18.178 ug/l | 99 |
| 42) 1,2-Dichloroethane | 8.40 | 62 | 66749 | 18.184 ug/l | 98 |
| 43) Isopropyl Acetate | 8.43 | 43 | 68729 | 17.501 ug/l | 99 |
| 44) Trichloroethene | 9.09 | 130 | 69143 | 19.613 ug/l | 96 |
| 45) 1,2-Dichloropropane | 9.37 | 63 | 57227 | 18.816 ug/l | 97 |
| 46) Dibromomethane | 9.46 | 93 | 31107 | 18.610 ug/l | 98 |
| 47) Bromodichloromethane | 9.65 | 83 | 78314 | 18.618 ug/l | 98 |
| 48) Methyl methacrylate | 9.44 | 41 | 31747 | 16.970 ug/l | 97 |
| 49) 1,4-Dioxane | 9.48 | 88 | 9169 | 361.121 ug/l # | 96 |
| 51) 4-Methyl-2-Pentanone | 10.21 | 43 | 165898 | 86.752 ug/l | 100 |
| 52) Toluene | 10.39 | 92 | 151647 | 18.998 ug/l | 99 |
| 53) t-1,3-Dichloropropene | 10.61 | 75 | 79128 | 18.001 ug/l | 99 |
| 54) cis-1,3-Dichloropropene | 10.07 | 75 | 91301 | 18.477 ug/l | 98 |
| 55) 1,1,2-Trichloroethane | 10.79 | 97 | 42411 | 18.318 ug/l | 98 |
| 56) Ethyl methacrylate | 10.65 | 69 | 54837 | 17.573 ug/l | 98 |
| 57) 1,3-Dichloropropane | 10.93 | 76 | 70714 | 18.155 ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.93 | 63 | 121716 | 95.861 ug/l | 100 |
| 59) 2-Hexanone | 10.97 | 43 | 121605 | 88.687 ug/l | 99 |
| 60) Dibromochloromethane | 11.13 | 129 | 55349 | 18.526 ug/l | 98 |
| 61) 1,2-Dibromoethane | 11.24 | 107 | 41191 | 17.804 ug/l | 98 |
| 64) Tetrachloroethene | 10.87 | 164 | 58980 | 18.734 ug/l | 99 |
| 65) Chlorobenzene | 11.66 | 112 | 172425 | 19.046 ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.73 | 131 | 63944 | 19.270 ug/l | 99 |
| 67) Ethyl Benzene | 11.73 | 91 | 308772 | 19.310 ug/l | 99 |
| 68) m/p-Xylenes | 11.84 | 106 | 239753 | 38.367 ug/l | 100 |
| 69) o-Xylene | 12.17 | 106 | 113074 | 18.901 ug/l | 100 |
| 70) Styrene | 12.18 | 104 | 188677 | 19.009 ug/l | 99 |
| 71) Bromoform | 12.35 | 173 | 35423 | 17.922 ug/l # | 99 |
| 73) Isopropylbenzene | 12.47 | 105 | 322133 | 19.344 ug/l | 100 |
| 74) N-amyl acetate | 12.27 | 43 | 68871 | 17.414 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.72 | 83 | 48709 | 17.845 ug/l | 100 |
| 76) 1,2,3-Trichloropropane | 12.77 | 75 | 66986 | 32.886 ug/l # | 100 |
| 77) Bromobenzene | 12.75 | 156 | 76601 | 19.415 ug/l | 97 |
| 78) n-propylbenzene | 12.81 | 91 | 378260 | 19.309 ug/l | 100 |
| 79) 2-Chlorotoluene | 12.90 | 91 | 210434 | 19.029 ug/l | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.95 | 105 | 272191 | 19.360 ug/l | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75 | 16233 | 16.824 ug/l | 100 |
| 82) 4-Chlorotoluene | 12.99 | 91 | 220536 | 18.955 ug/l | 99 |
| 83) tert-Butylbenzene | 13.21 | 119 | 242231 | 19.371 ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 276104 | 19.469 ug/l | 100 |
| 85) sec-Butylbenzene | 13.39 | 105 | 345683 | 19.694 ug/l | 100 |
| 86) p-Isopropyltoluene | 13.51 | 119 | 309470 | 19.605 ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 13.51 | 146 | 153226 | 19.548 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 13.58 | 146 | 151910 | 19.503 ug/l | 100 |
| 89) n-Butylbenzene | 13.83 | 91 | 289368 | 19.448 ug/l | 100 |
| 90) Hexachloroethane | 14.10 | 117 | 55609 | 18.731 ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 13.88 | 146 | 135186 | 19.426 ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75 | 8579 | 16.865 ug/l | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\

Quantitation Report (Not Reviewed)

Data File : VW005896.D
Acq On : 08 Oct 2018 15:34
Operator : SY/AP
Sample : VW1008SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Quant Time: Oct 09 06:06:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180 | 103082 | 19.104 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.24 | 225 | 65677 | 19.500 | ug/l | 99 |
| 95) Naphthalene | 15.38 | 128 | 171254 | 18.413 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180 | 89019 | 19.053 | ug/l | 100 |

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

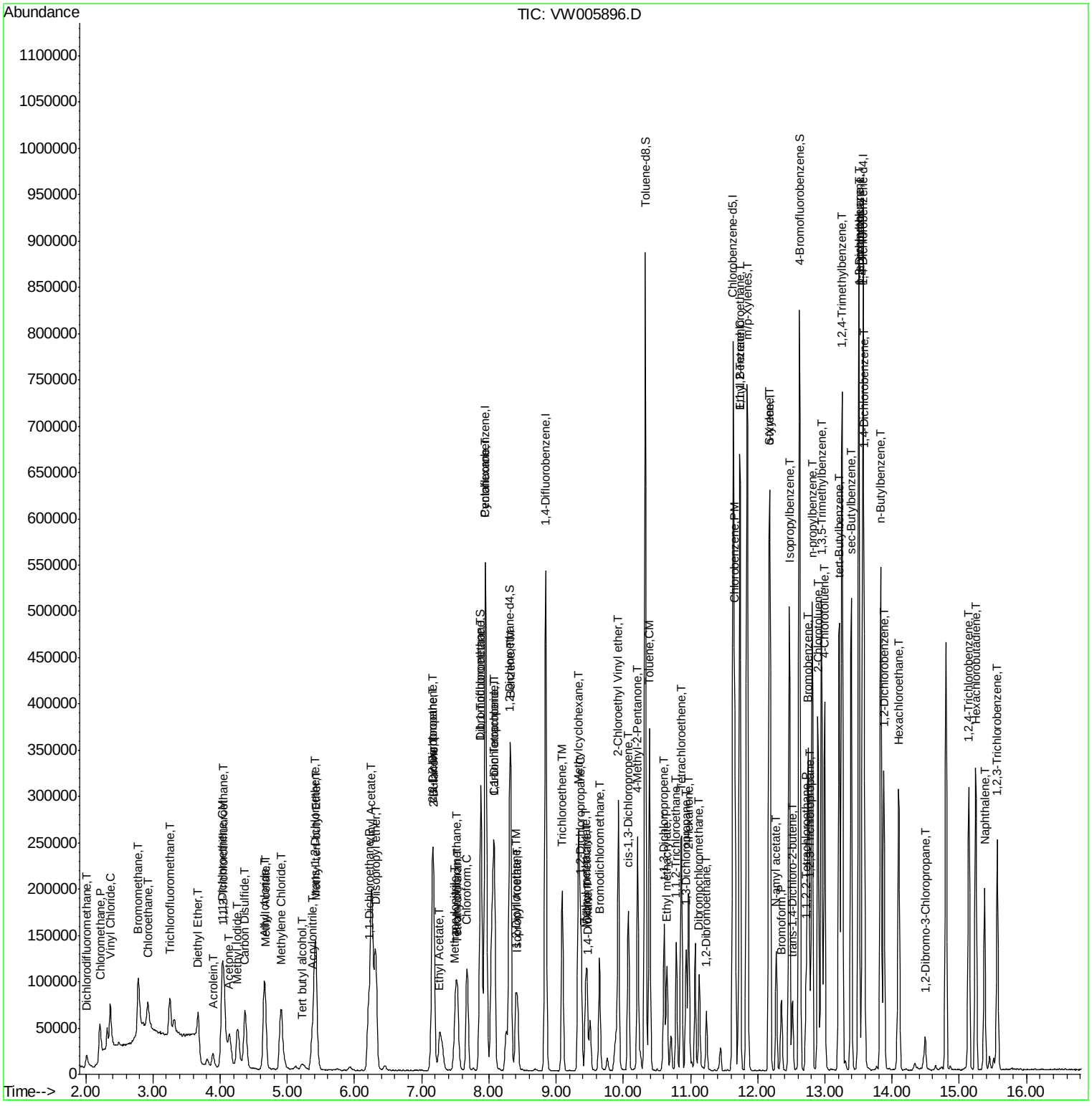
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\

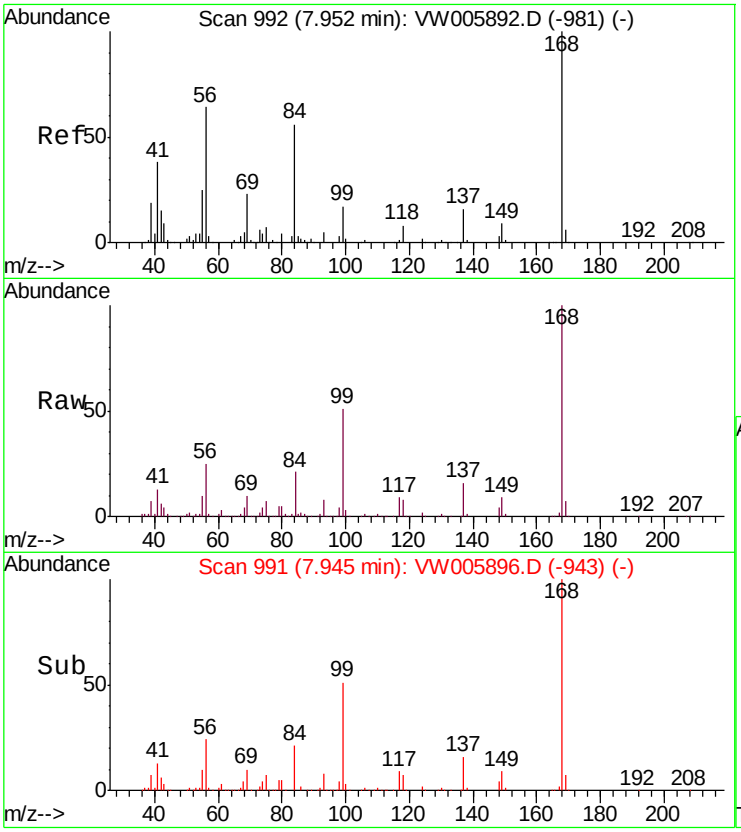
Quantitation Report (Not Reviewed)

Data File : VW005896.D
Acq On : 08 Oct 2018 15:34
Operator : SY/AP
Sample : VW1008SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Quant Time: Oct 09 06:06:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration



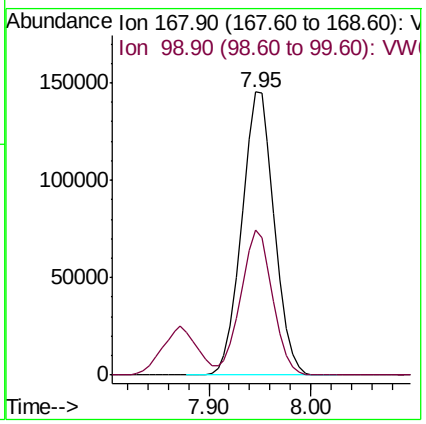


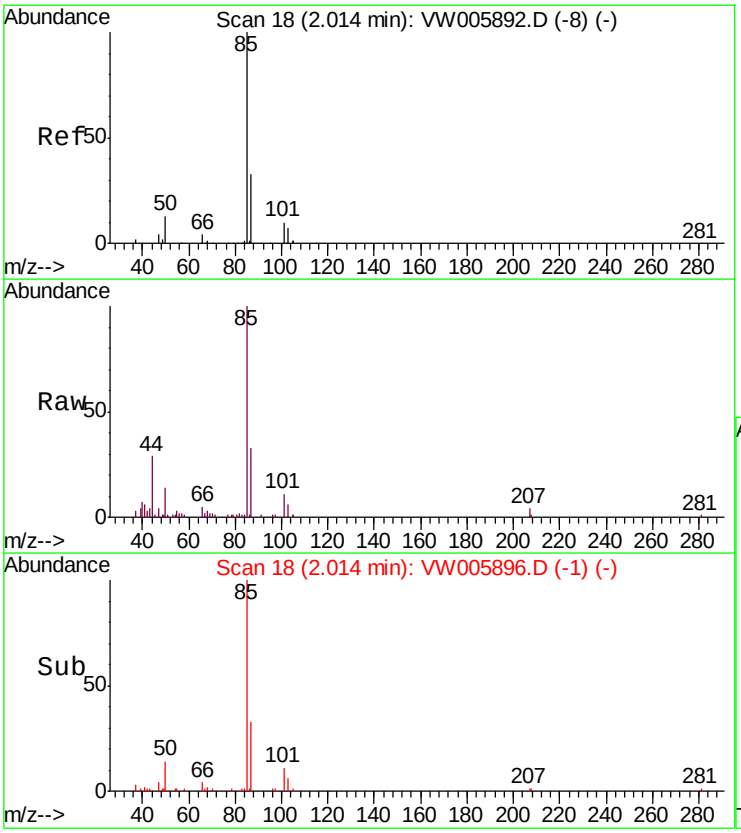

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:168 Resp: 321312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 51.3 | 40.9 | 61.3 |

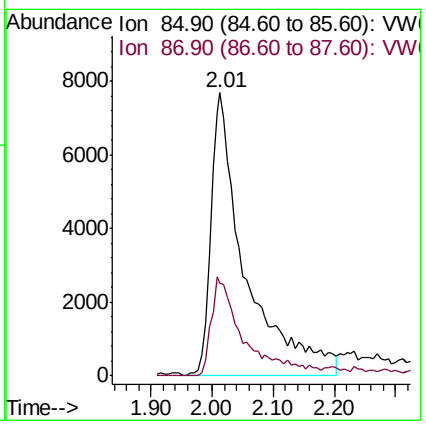


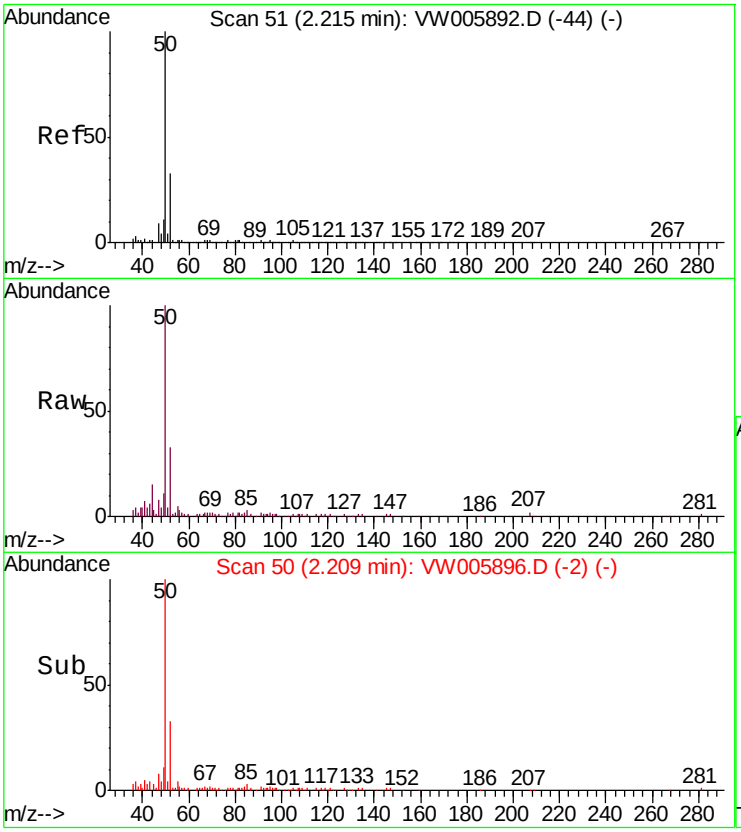




#2
Dichlorodifluoromethane
Concen: 19.273 ug/l
RT: 2.01 min Scan# 18
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 85 Resp: 30347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.9 | 16.6 | 49.8 |



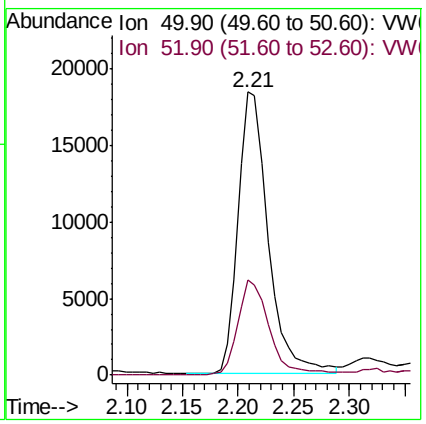


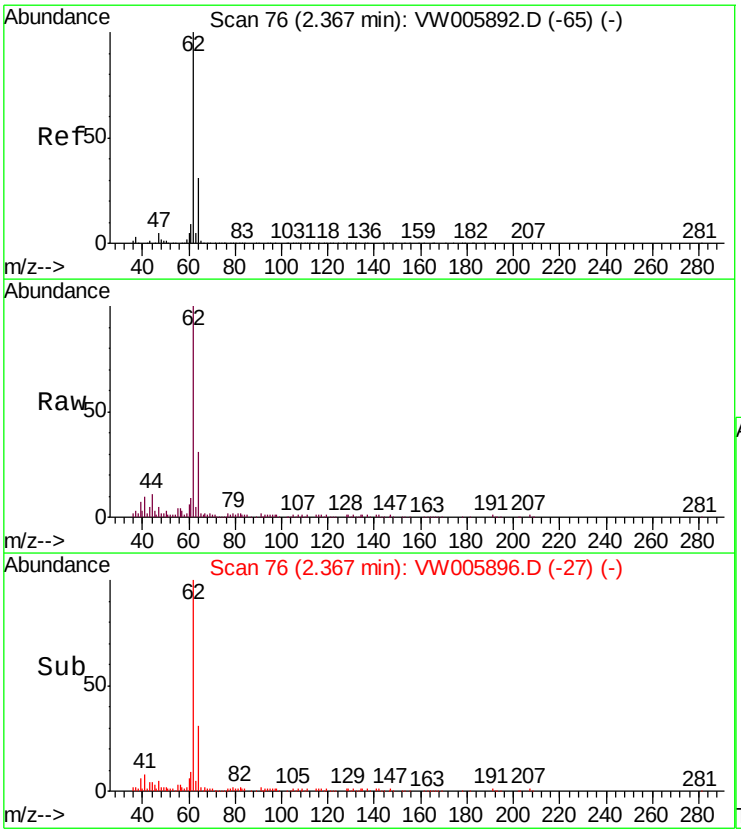

#3
Chloromethane
Concen: 18.839 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 50 Resp: 34892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.6 | 26.7 | 40.1 |

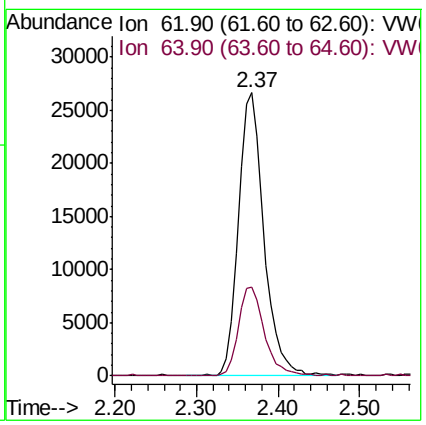


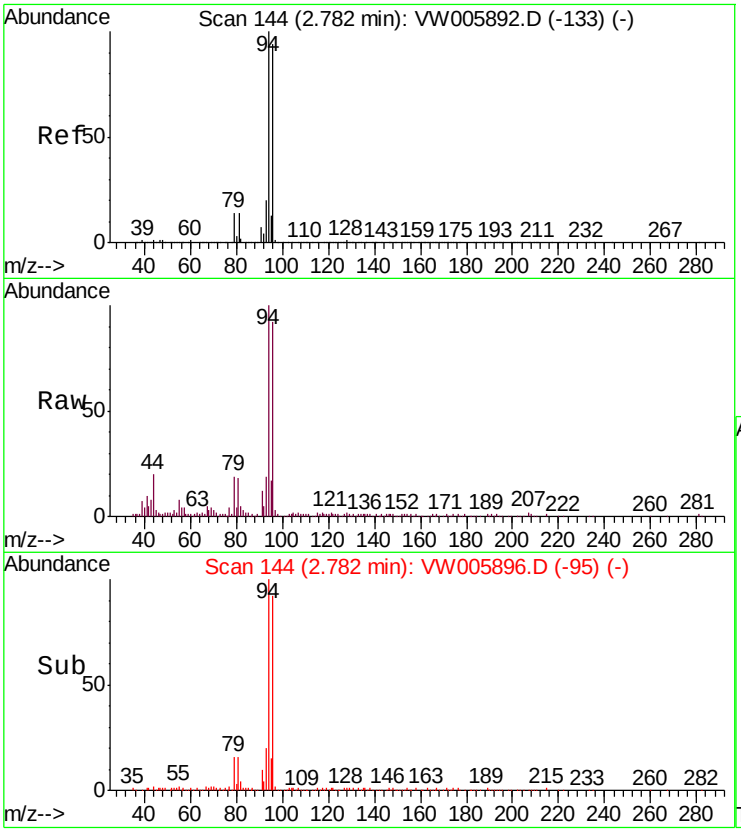




#4
Vinyl Chloride
Concen: 19.547 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 62 Resp: 57476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.1 | 24.6 | 36.8 |



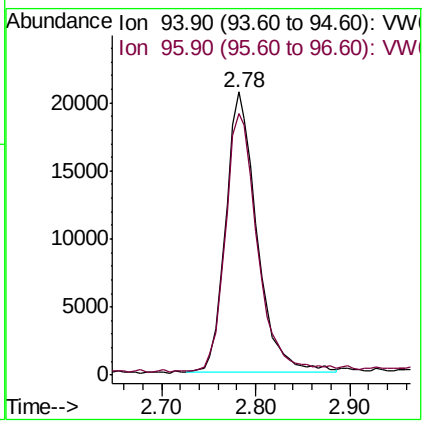


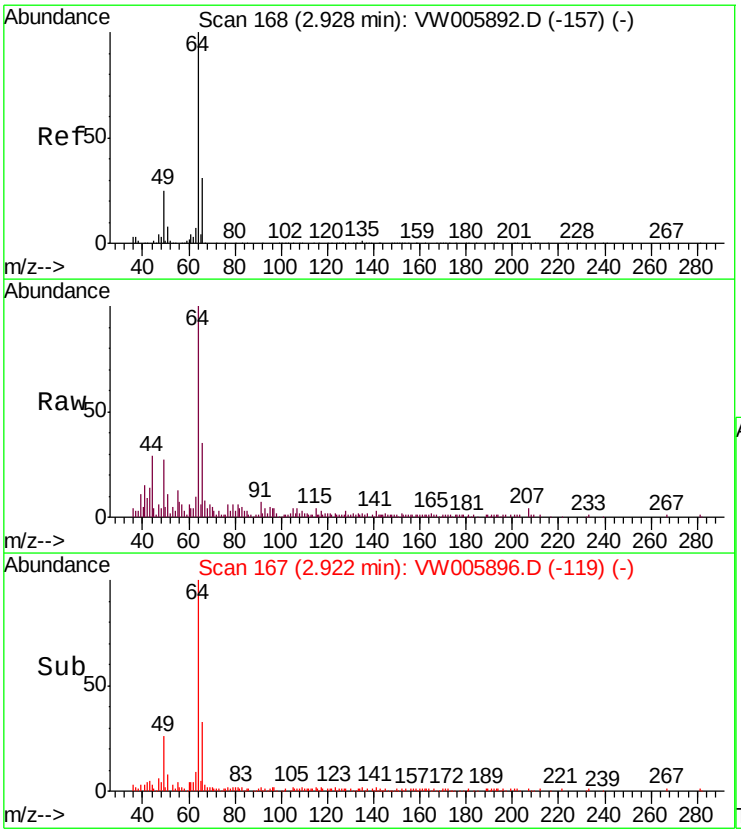

#5
Bromomethane
Concen: 20.398 ug/l
RT: 2.78 min Scan# 144
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 94 Resp: 47336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.8 | 75.0 | 112.4 |

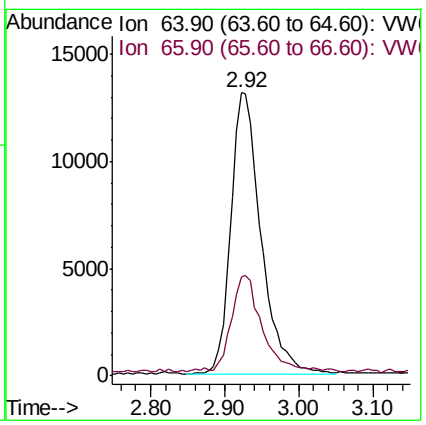


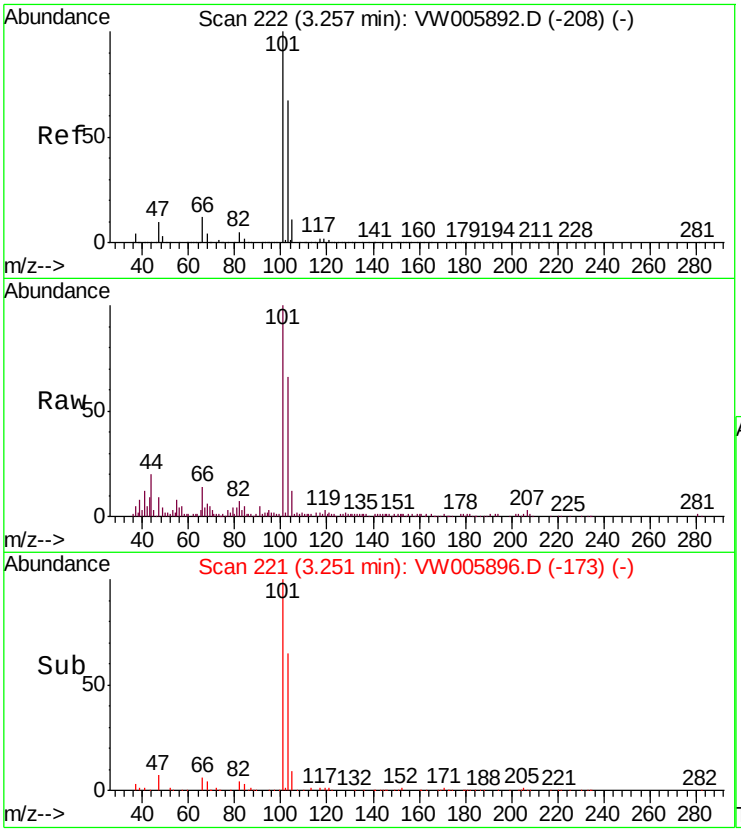




#6
Chloroethane
Concen: 19.984 ug/l
RT: 2.92 min Scan# 167
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 64 Resp: 37438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.3 | 25.0 | 37.4 |



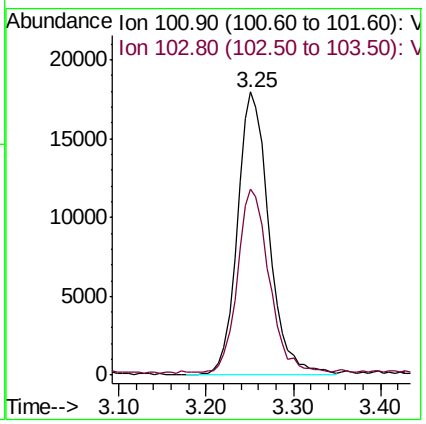


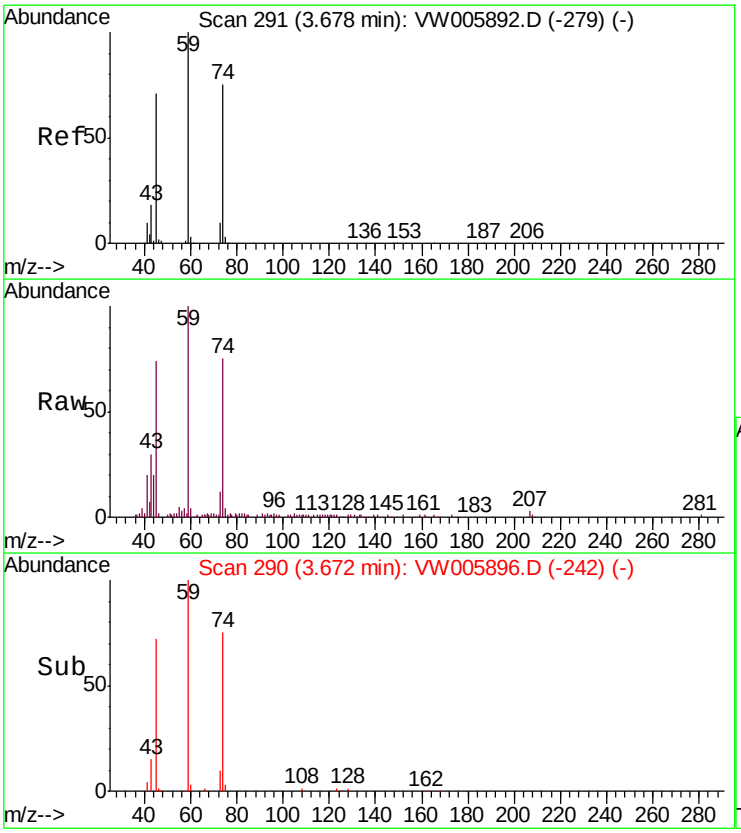

#7
Trichlorofluoromethane
Concen: 19.336 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:101 Resp: 45130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.9 | 53.5 | 80.3 |

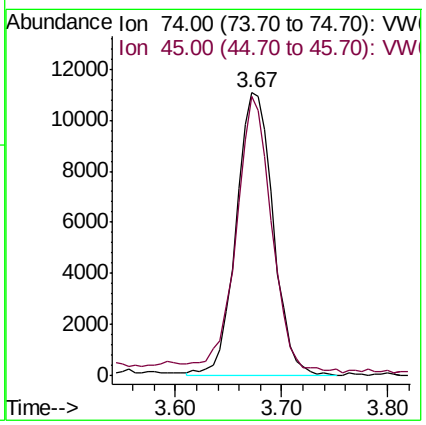


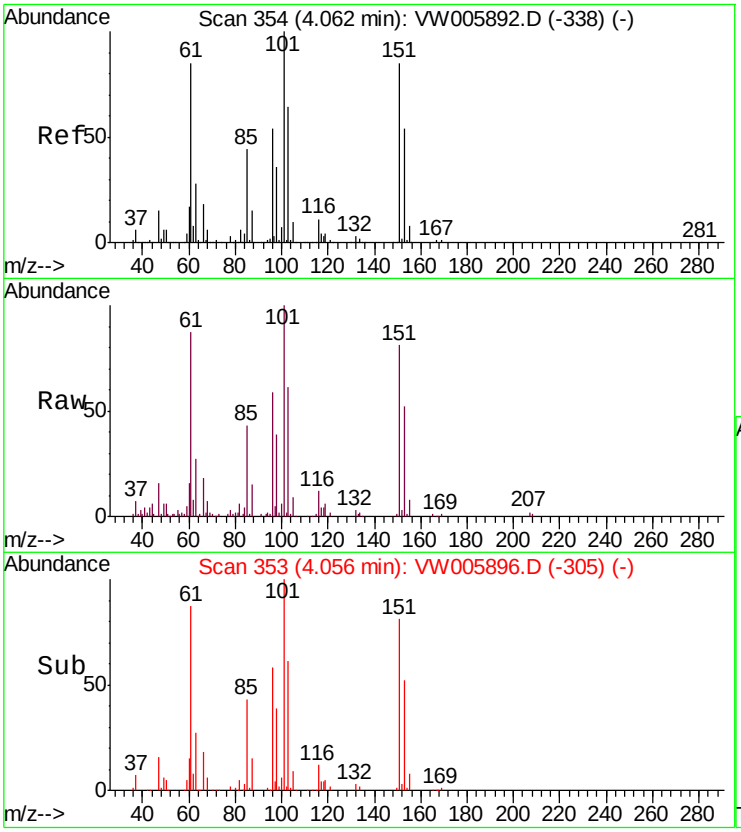




#8
Diethyl Ether
Concen: 18.809 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 74 Resp: 27018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 93.4 | 46.8 | 140.4 |



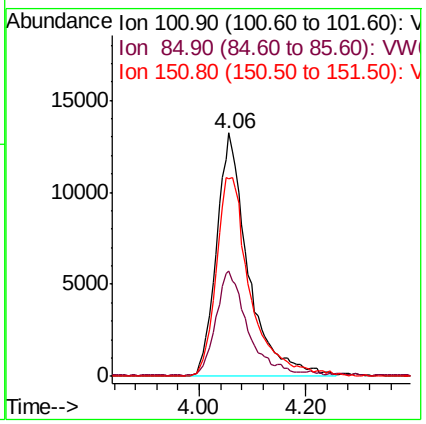


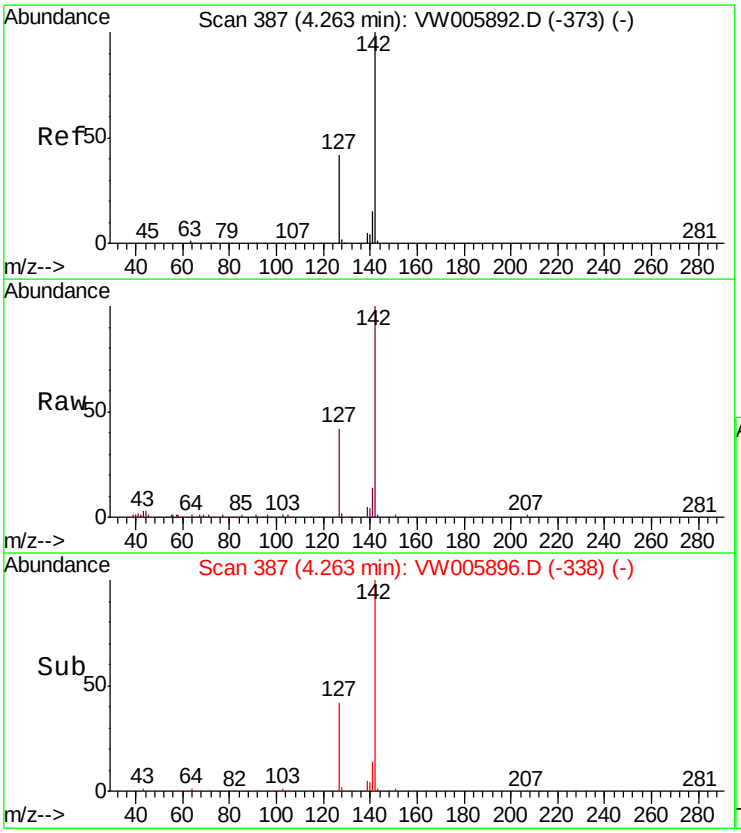

#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.655 ug/l
RT: 4.06 min Scan# 353
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:101 Resp: 54949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.1 | 35.1 | 52.7 |
| 151 | 87.2 | 67.7 | 101.5 |

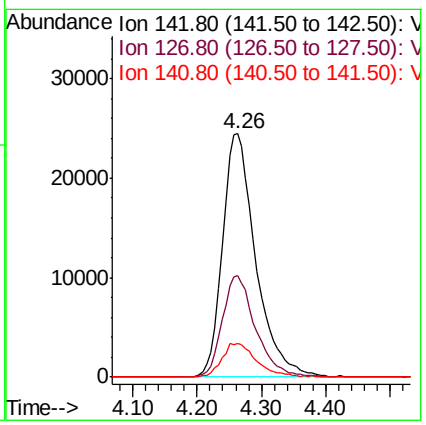


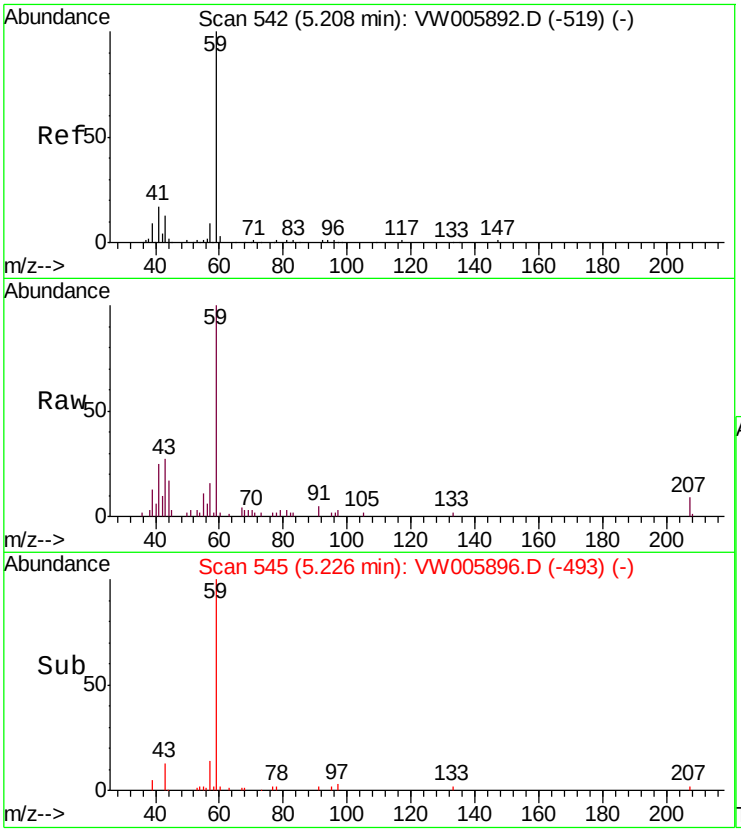




#10
Methyl Iodide
Concen: 18.343 ug/l
RT: 4.26 min Scan# 387
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:142 Resp: 88358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.8 | 33.7 | 50.5 |
| 141 | 14.7 | 11.5 | 17.3 |



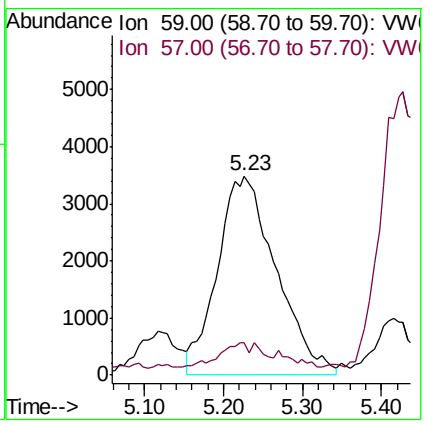


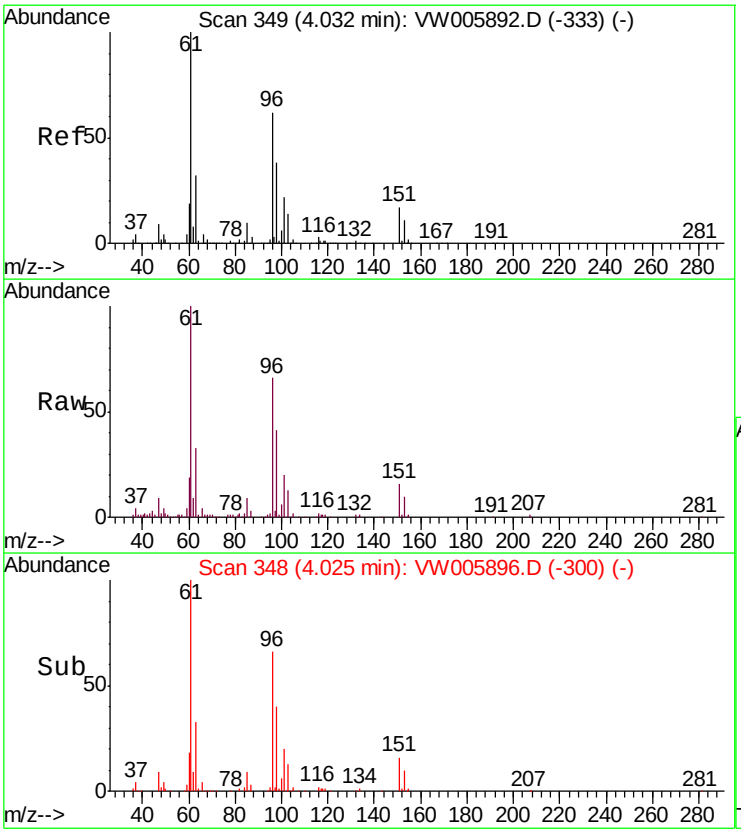

#11
Tert butyl alcohol
Concen: 78.963 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.02 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 59 Resp: 18051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 6.1 | 7.7 | 11.5# |

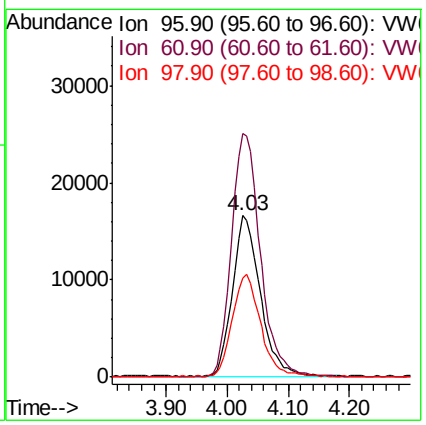


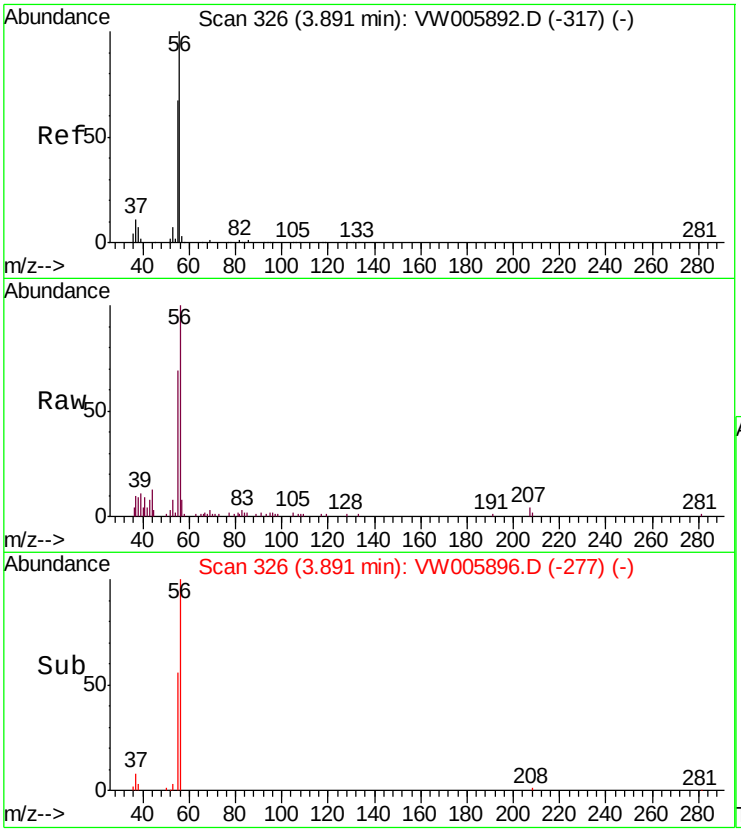




#12
1,1-Dichloroethene
Concen: 18.397 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 96 Resp: 52038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.6 | 128.6 | 193.0 |
| 98 | 61.1 | 49.4 | 74.0 |



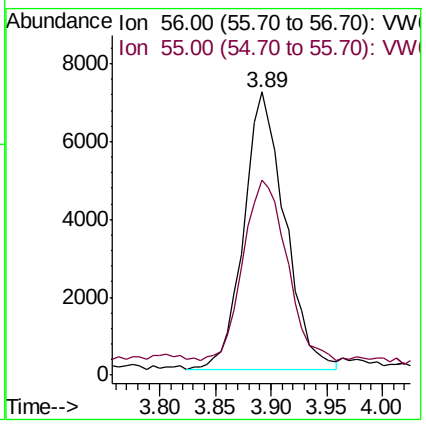


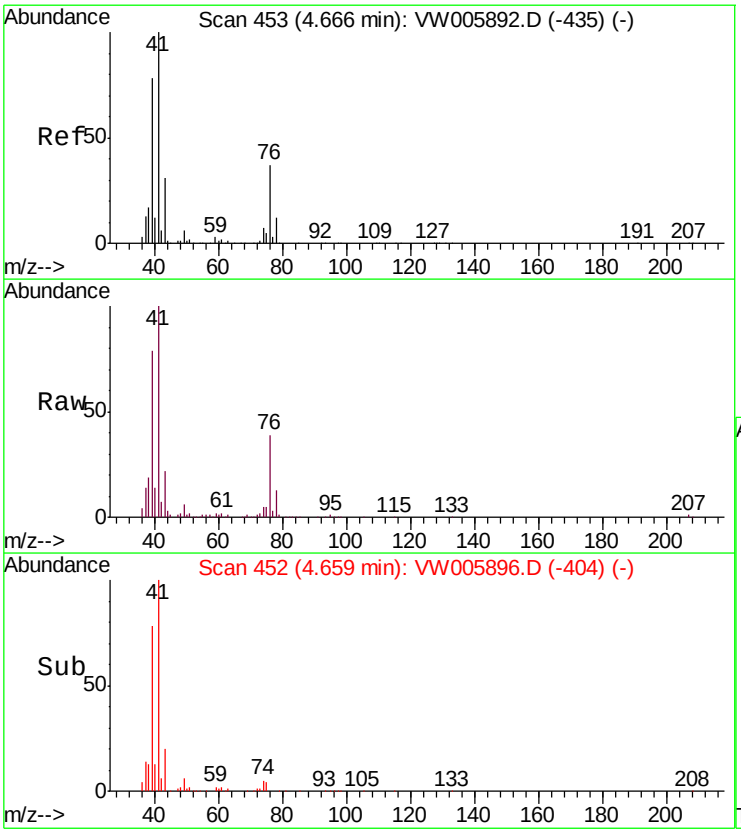

#13
Acrolein
Concen: 89.522 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 56 Resp: 18237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.0 | 54.6 | 82.0 |

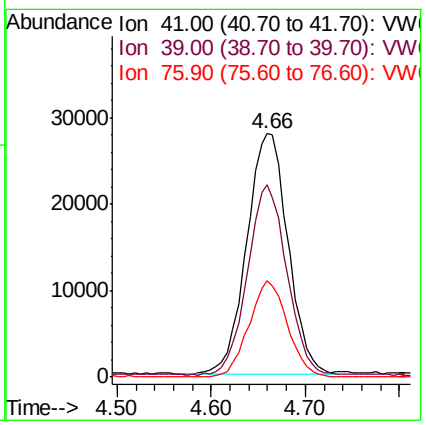


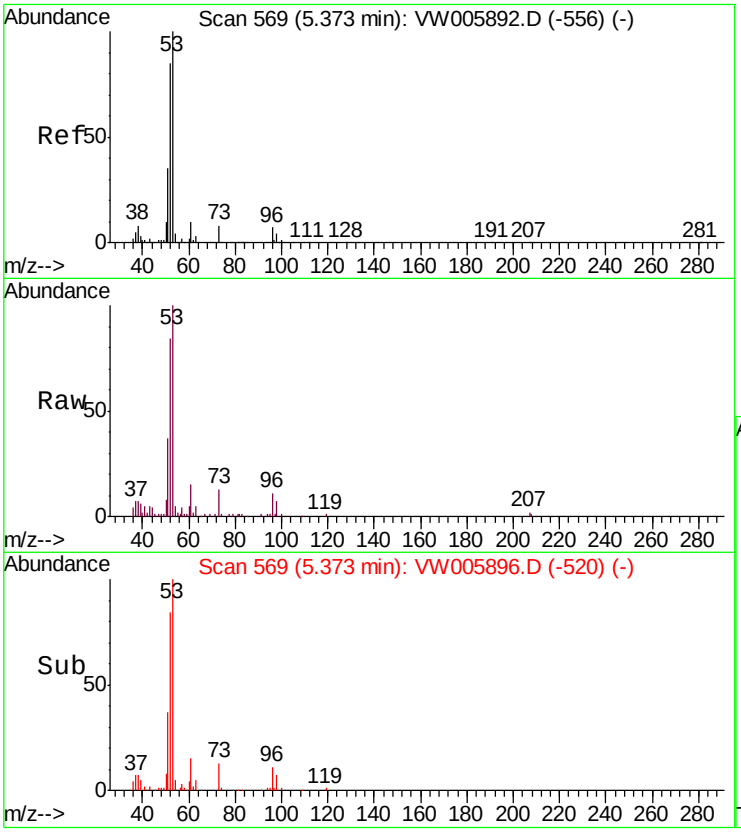




#14
Allyl chloride
Concen: 17.672 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 41 Resp: 85242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 75.2 | 60.8 | 91.2 |
| 76 | 37.6 | 29.6 | 44.4 |



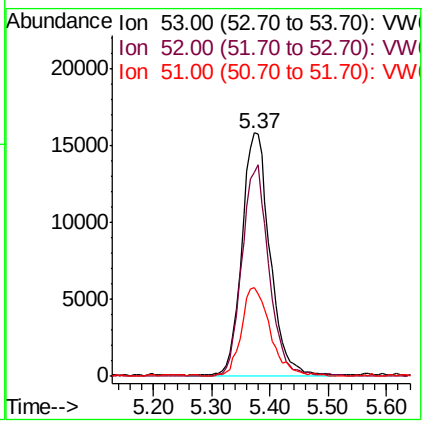


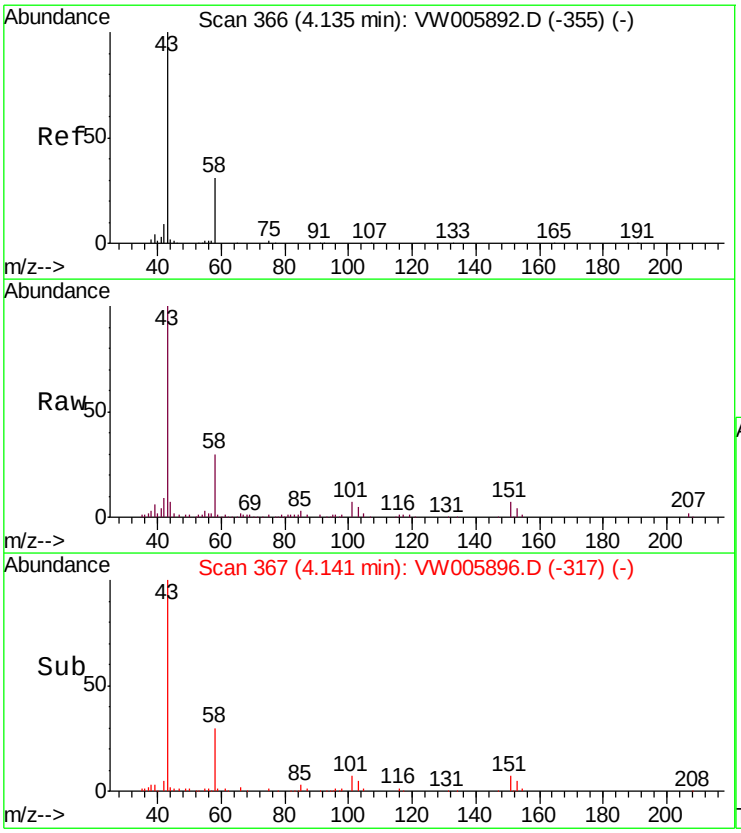

#15
Acrylonitrile
Concen: 85.308 ug/l
RT: 5.37 min Scan# 569
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 53 Resp: 53329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.3 | 66.8 | 100.2 |
| 51 | 37.3 | 29.8 | 44.6 |

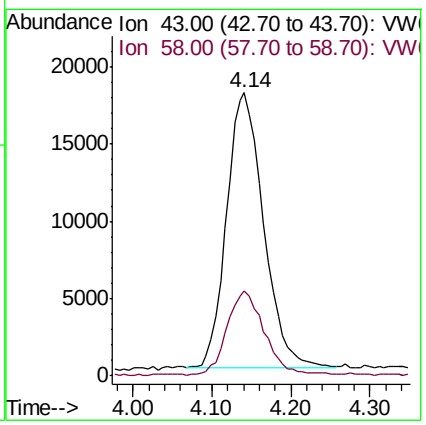


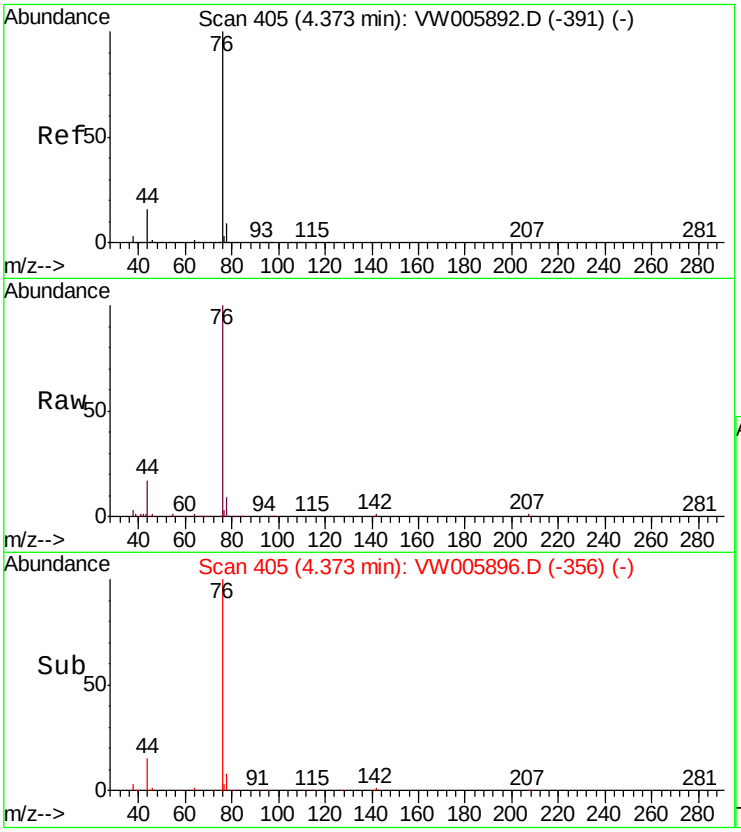




#16
Acetone
Concen: 92.310 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 43 Resp: 57513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.7 | 24.7 | 37.1 |



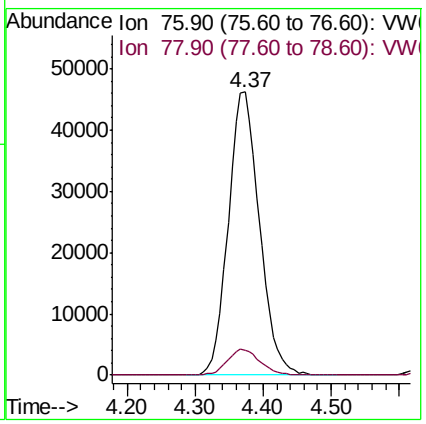


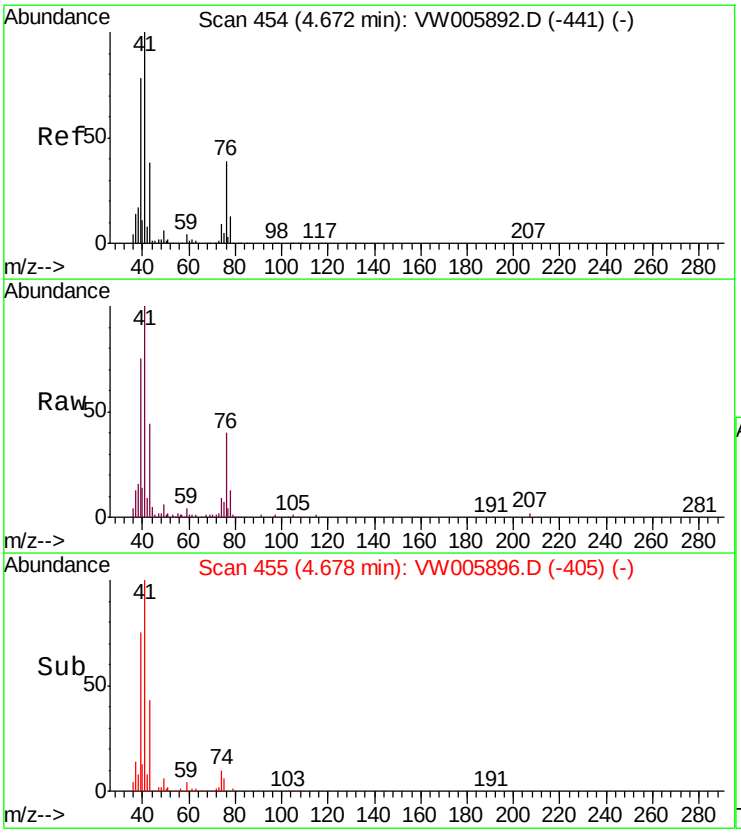

#17
Carbon Disulfide
Concen: 17.204 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 76 Resp: 147118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.7 | 7.4 | 11.0 |

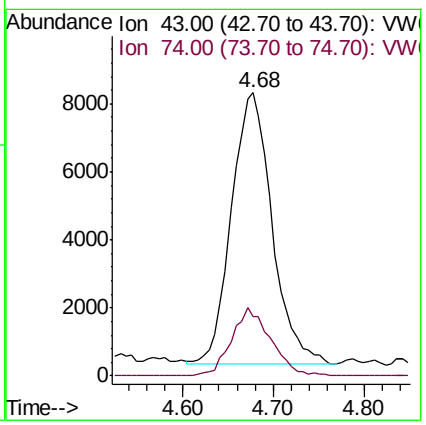


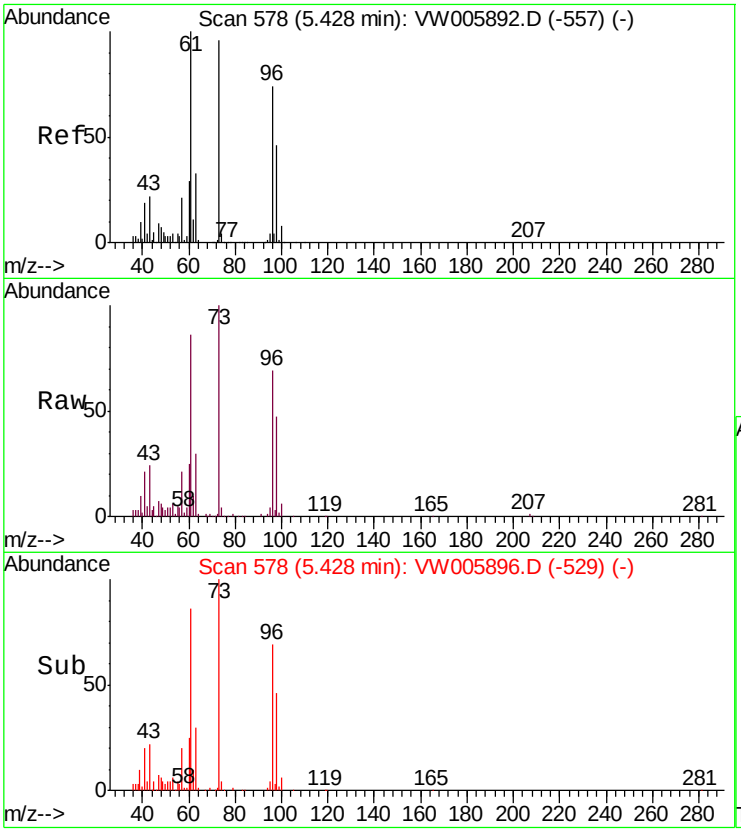




#18
Methyl Acetate
Concen: 15.676 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 43 Resp: 24647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.4 | 19.2 | 28.8 |



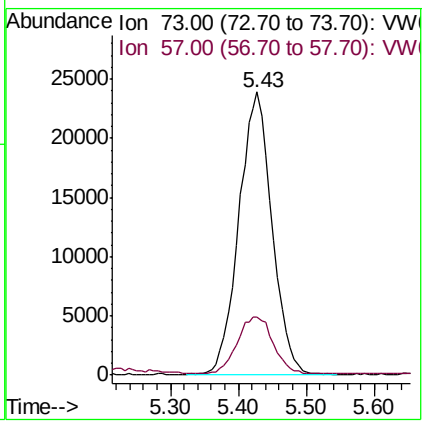


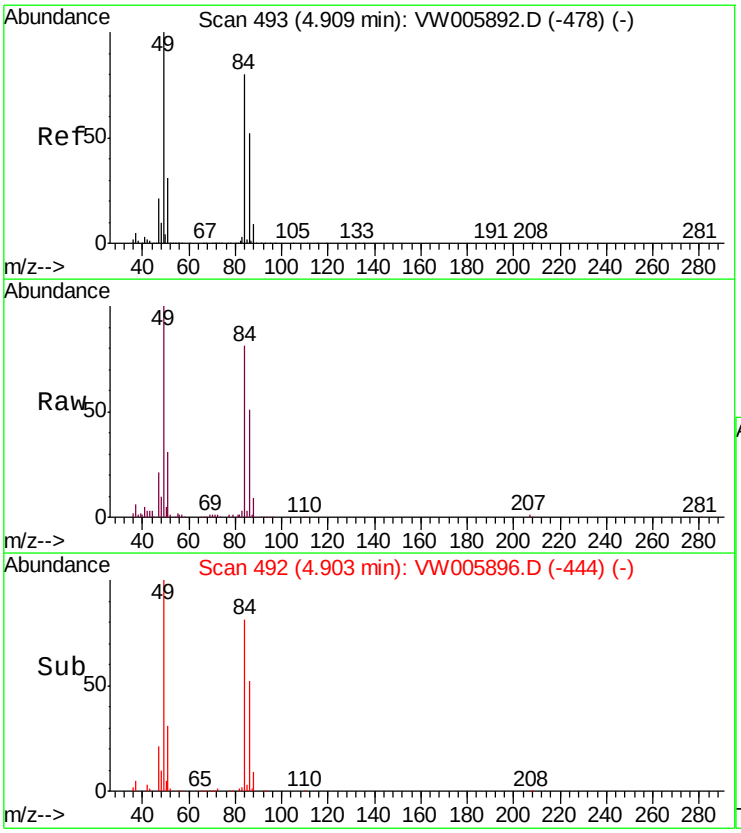

#19
Methyl tert-butyl Ether
Concen: 18.416 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 73 Resp: 81042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.3 | 17.7 | 26.5 |

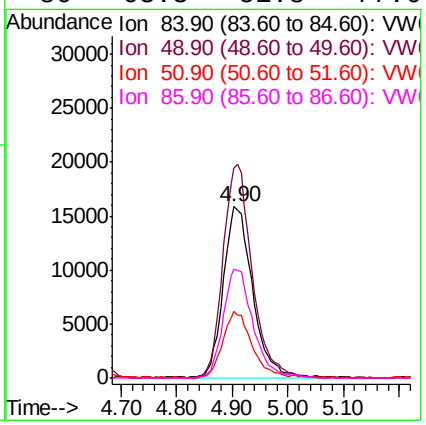


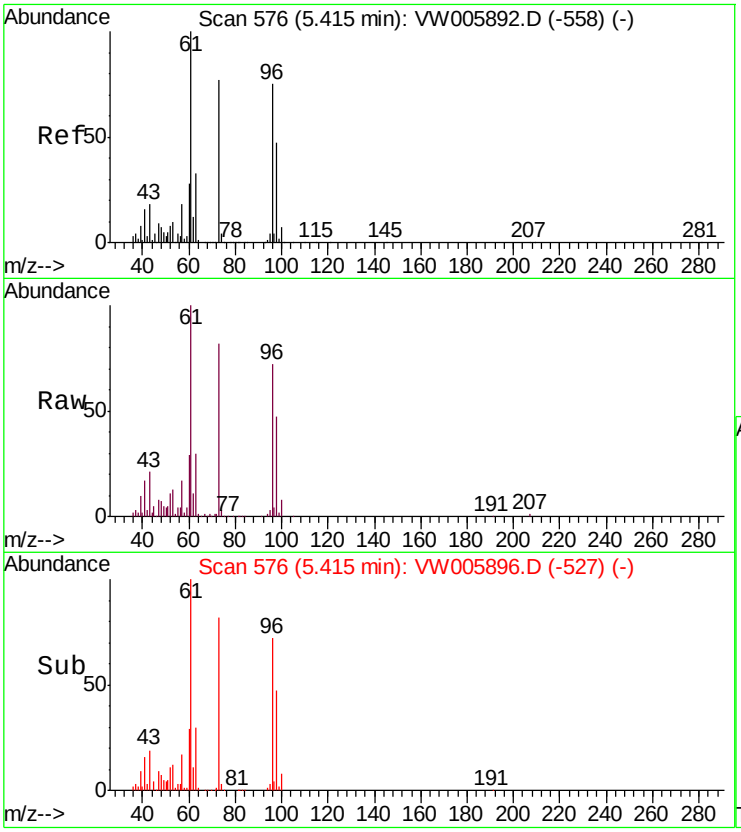




#20
Methylene Chloride
Concen: 18.686 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 84 Resp: 58329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 123.0 | 99.9 | 149.9 |
| 51 | 38.6 | 31.1 | 46.7 |
| 86 | 63.3 | 51.8 | 77.6 |



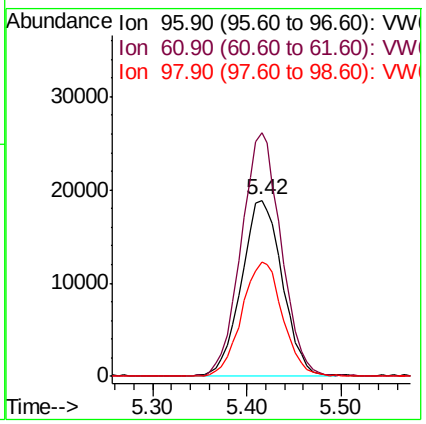


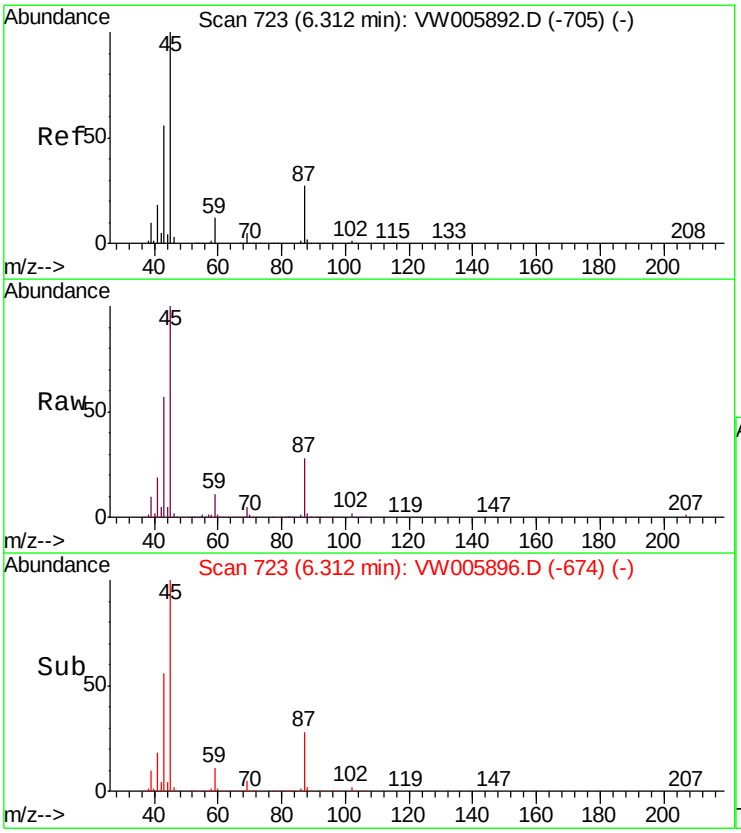

#21
trans-1,2-Dichloroethene
Concen: 18.696 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 96 Resp: 57638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.0 | 107.4 | 161.0 |
| 98 | 64.8 | 50.8 | 76.2 |

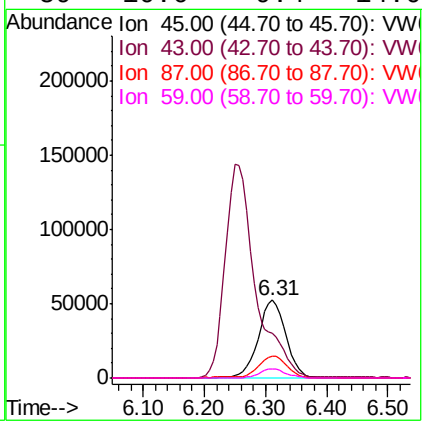


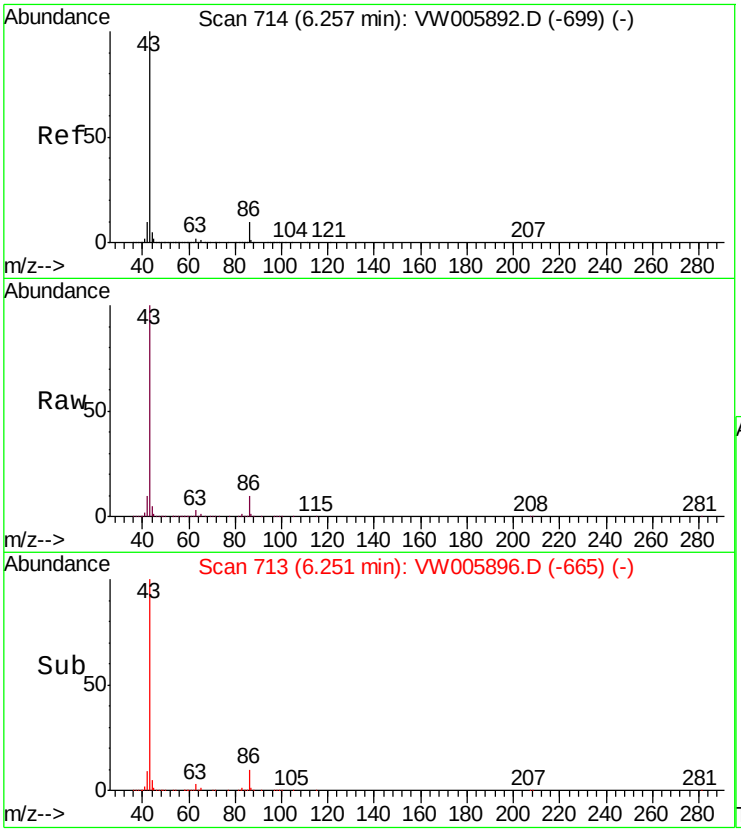




#22
Diisopropyl ether
Concen: 18.351 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 45 Resp: 165471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.1 | 45.9 | 68.9 |
| 87 | 28.5 | 22.2 | 33.4 |
| 59 | 10.6 | 9.4 | 14.0 |



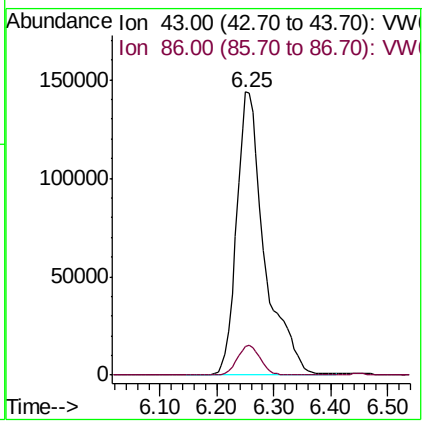


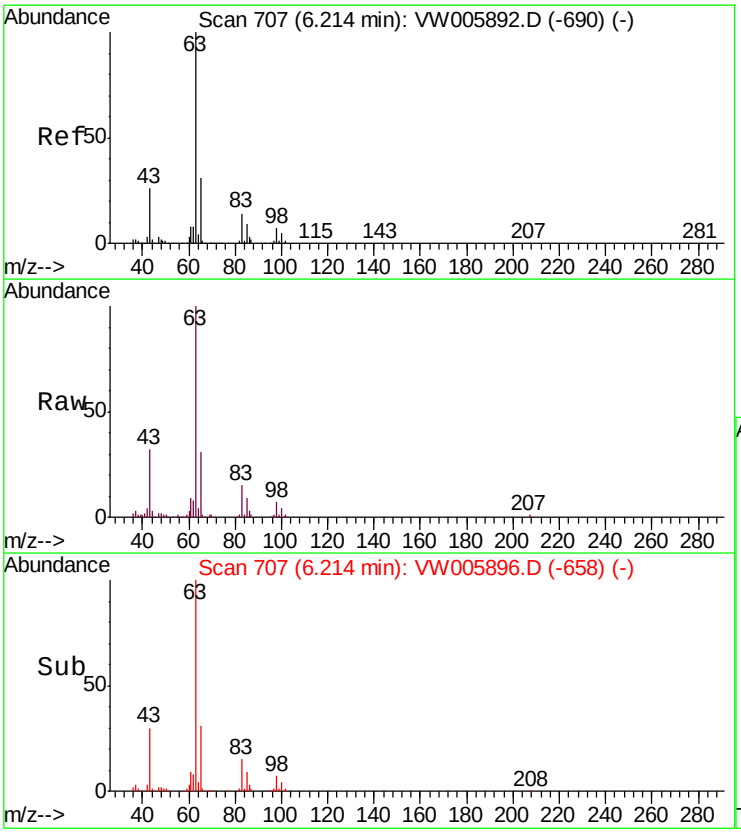

#23
Vinyl Acetate
Concen: 88.323 ug/l
RT: 6.25 min Scan# 713
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 43 Resp: 490181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.0 | 8.2 | 12.4 |

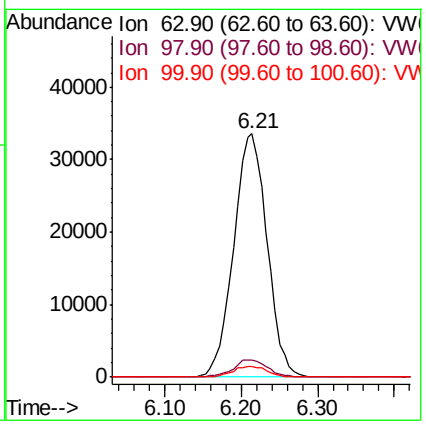


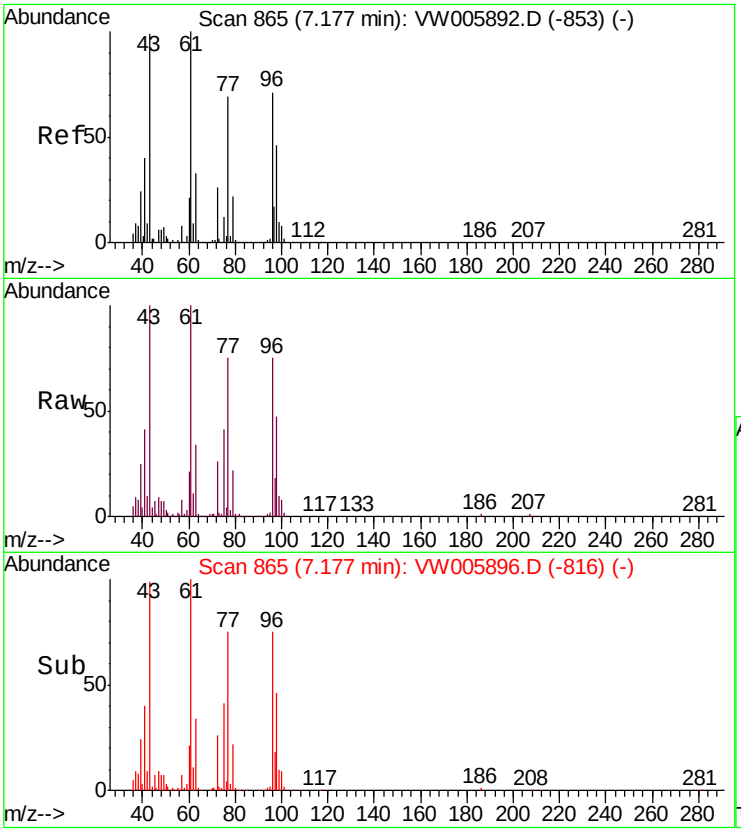




#24
1,1-Dichloroethane
Concen: 18.402 ug/l
RT: 6.21 min Scan# 707
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 63 Resp: 101545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.9 | 3.5 | 10.6 |
| 100 | 4.4 | 2.4 | 7.1 |



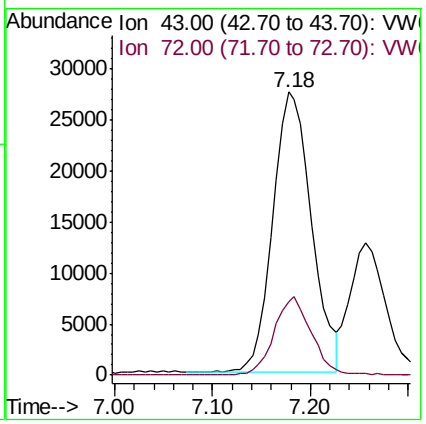


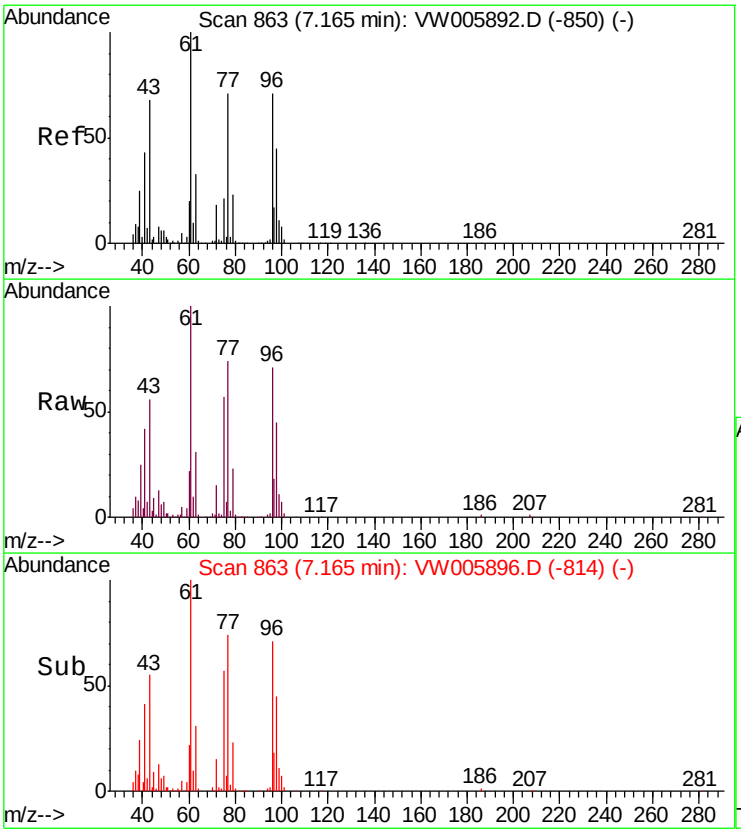

#25
2-Butanone
Concen: 85.801 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 43 Resp: 76034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.3 | 21.0 | 31.4 |

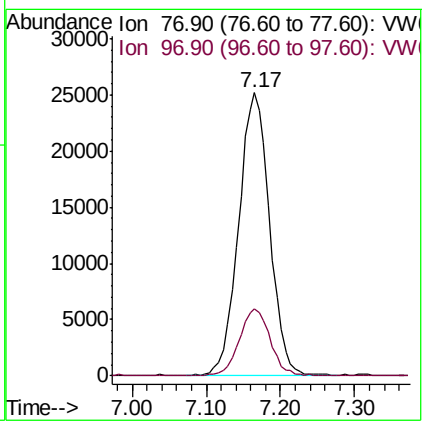


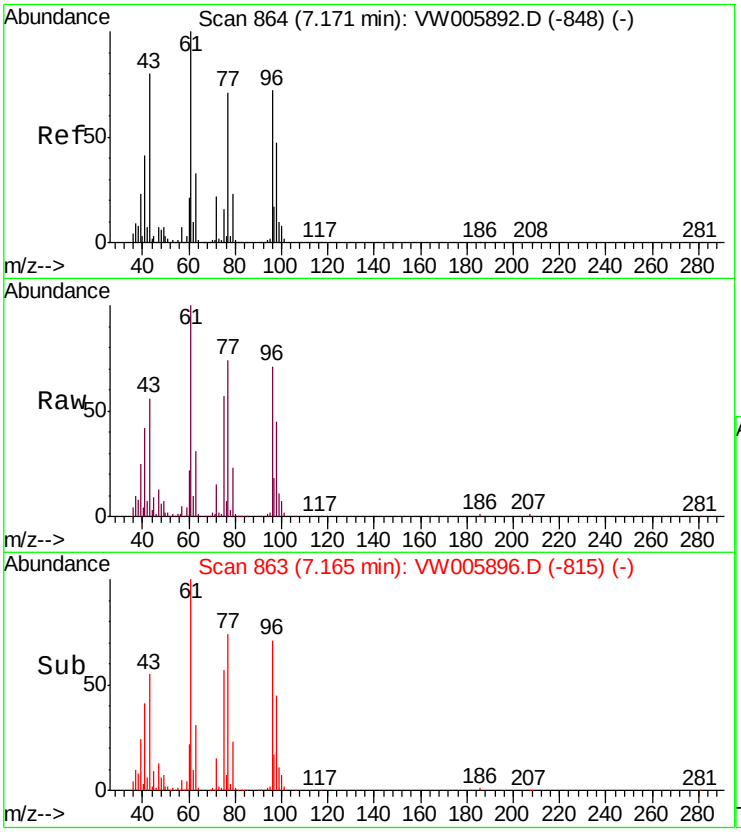




#26
2,2-Dichloropropane
Concen: 18.940 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 77 Resp: 73552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.7 | 11.9 | 35.7 |



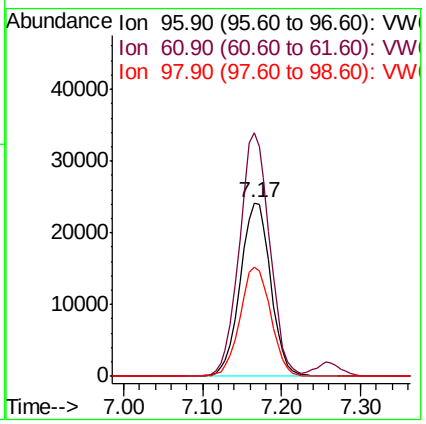


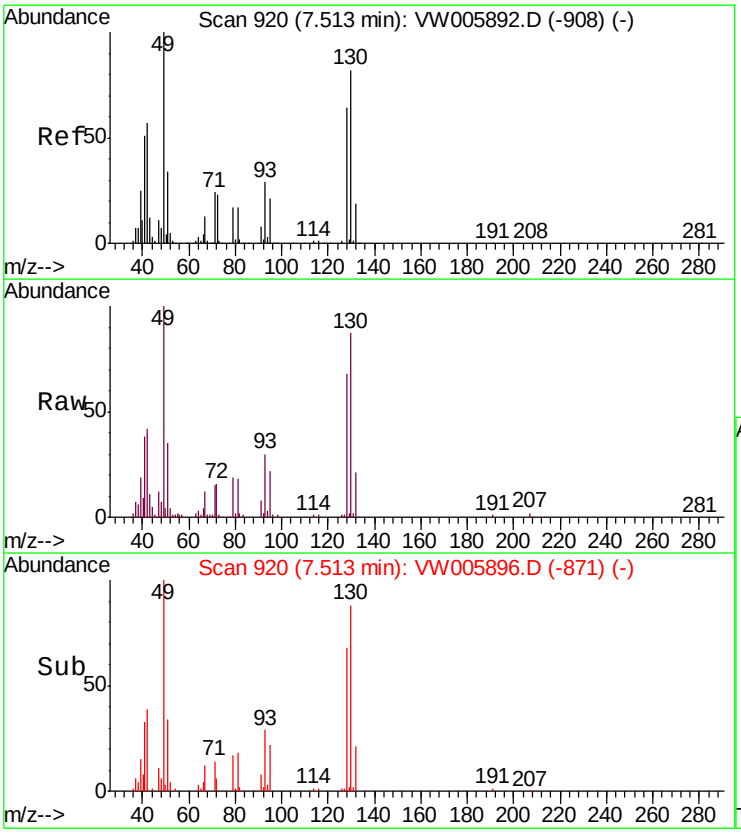

#27
cis-1,2-Dichloroethene
Concen: 18.512 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 96 Resp: 64540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.3 | 0.0 | 284.0 |
| 98 | 64.5 | 0.0 | 129.8 |

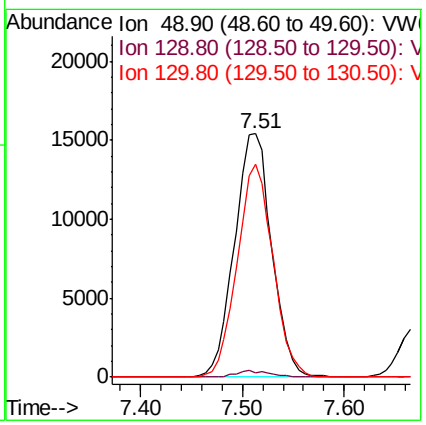


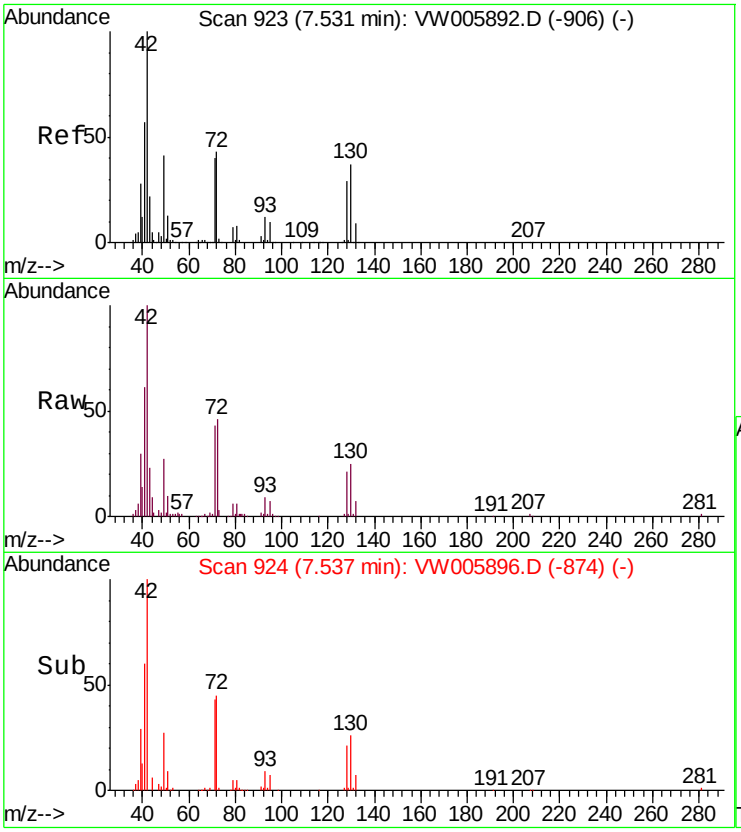




#28
Bromochloromethane
Concen: 19.174 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 49 Resp: 39055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.4 | 0.0 | 5.0 |
| 130 | 84.0 | 66.9 | 100.3 |



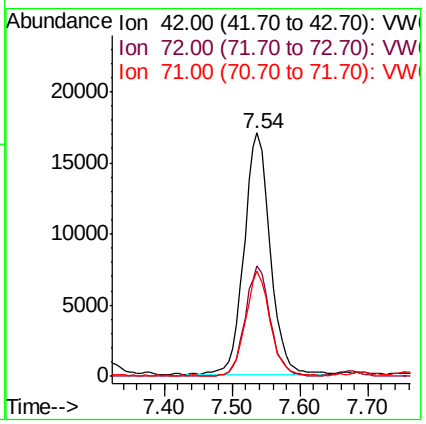


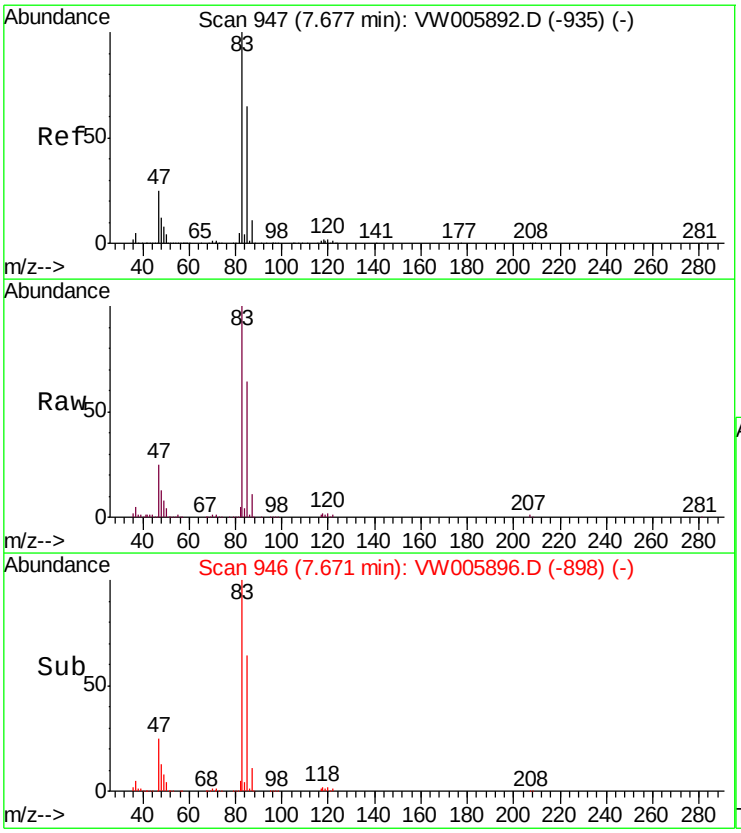

#29
Tetrahydrofuran
Concen: 80.468 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 42 Resp: 45077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.0 | 34.6 | 51.8 |
| 71 | 42.0 | 32.6 | 49.0 |

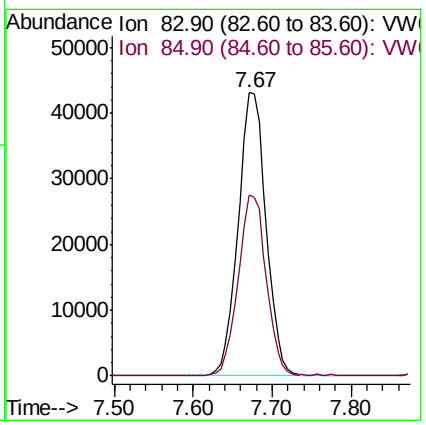


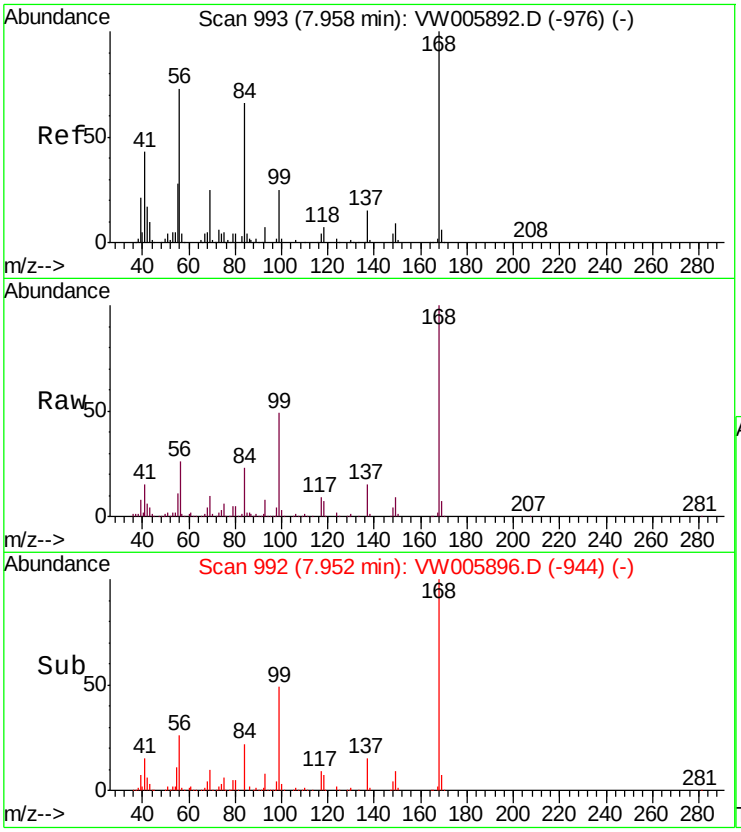




#30
Chloroform
Concen: 18.805 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 83 Resp: 106585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 51.6 | 77.4 |



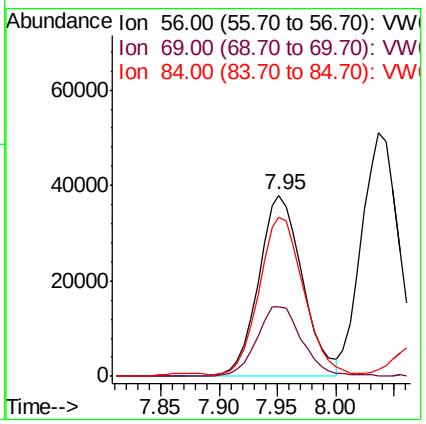


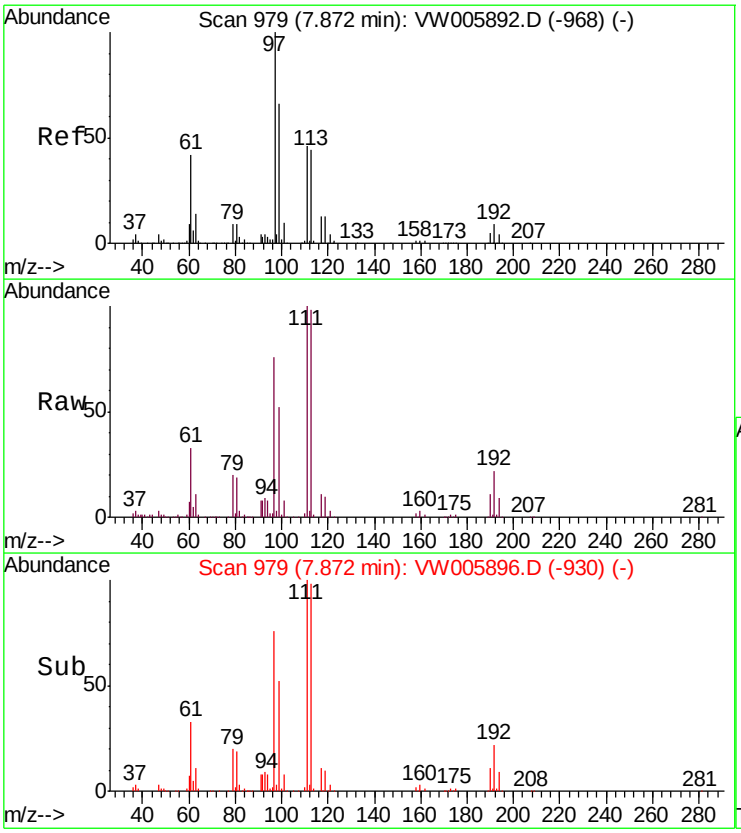

#31
Cyclohexane
Concen: 18.001 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 56 Resp: 98297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 38.1 | 27.9 | 41.9 |
| 84 | 86.0 | 72.3 | 108.5 |

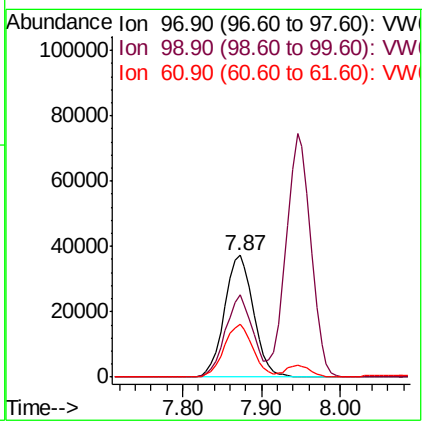


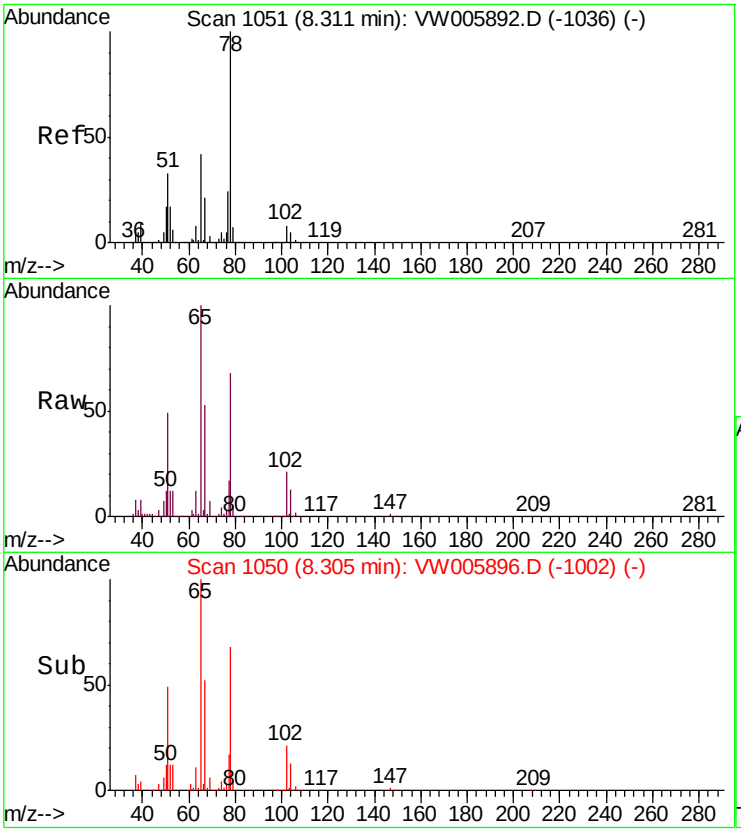




#32
1,1,1-Trichloroethane
Concen: 18.903 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 97 Resp: 95416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.9 | 51.6 | 77.4 |
| 61 | 42.9 | 34.5 | 51.7 |



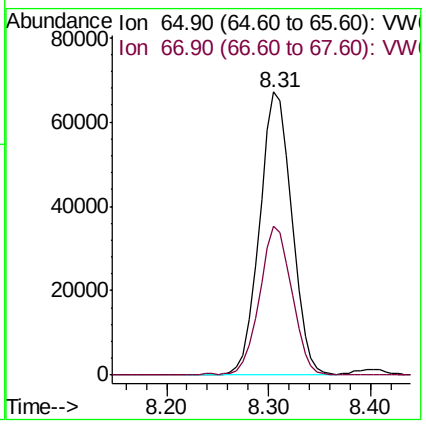


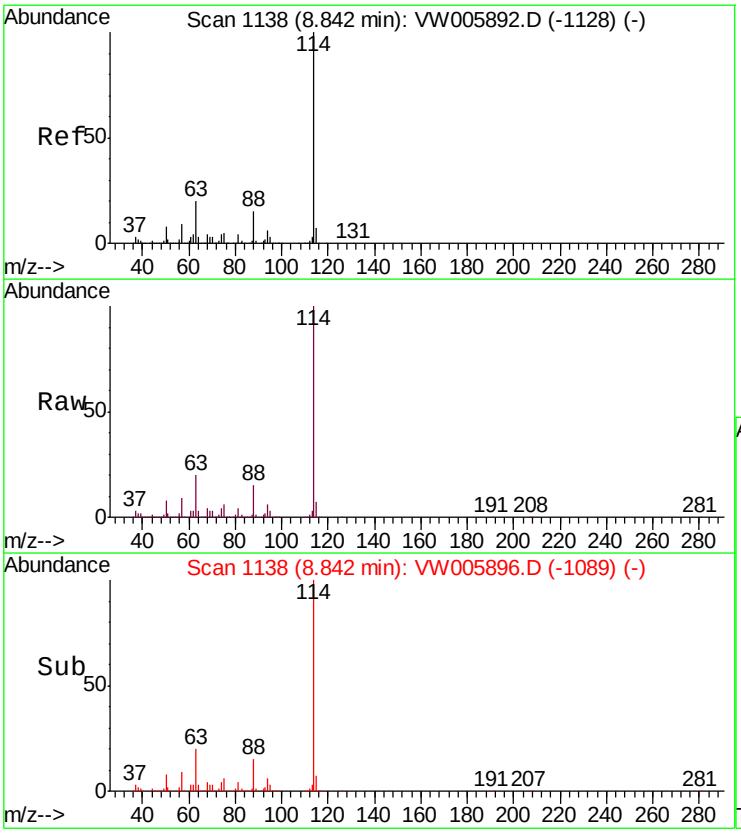

#33
1,2-Dichloroethane-d4
Concen: 47.226 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 65 Resp: 147308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.5 | 0.0 | 104.6 |

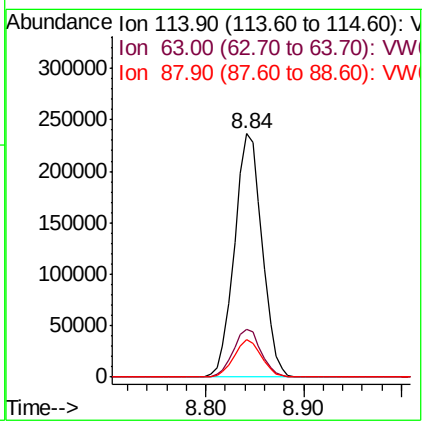


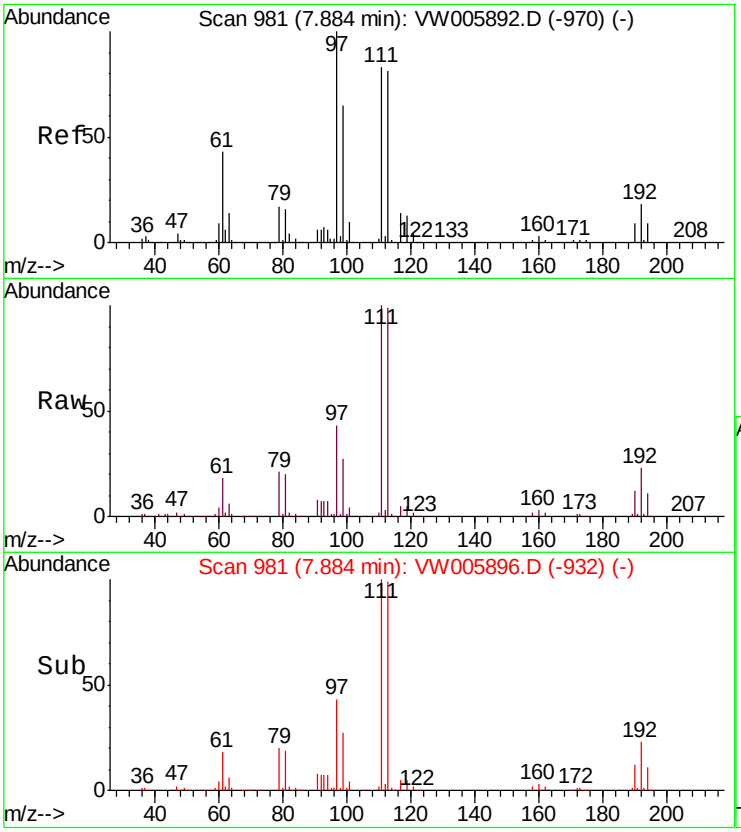




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:114 Resp: 463307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 39.2 |
| 88 | 15.3 | 0.0 | 30.8 |



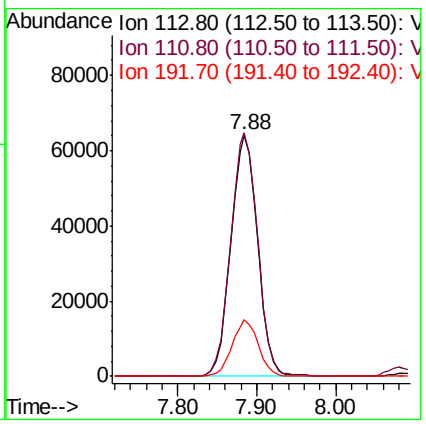


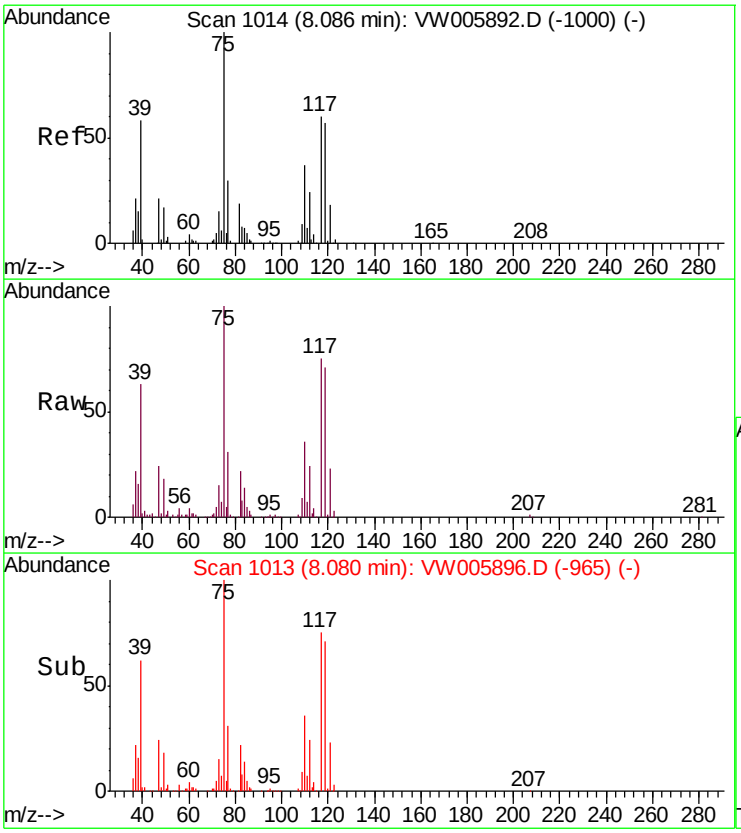

#35
Dibromofluoromethane
Concen: 50.971 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:113 Resp: 150774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.7 | 82.0 | 123.0 |
| 192 | 22.9 | 18.3 | 27.5 |

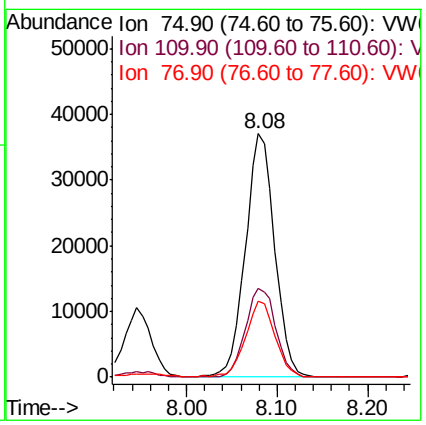


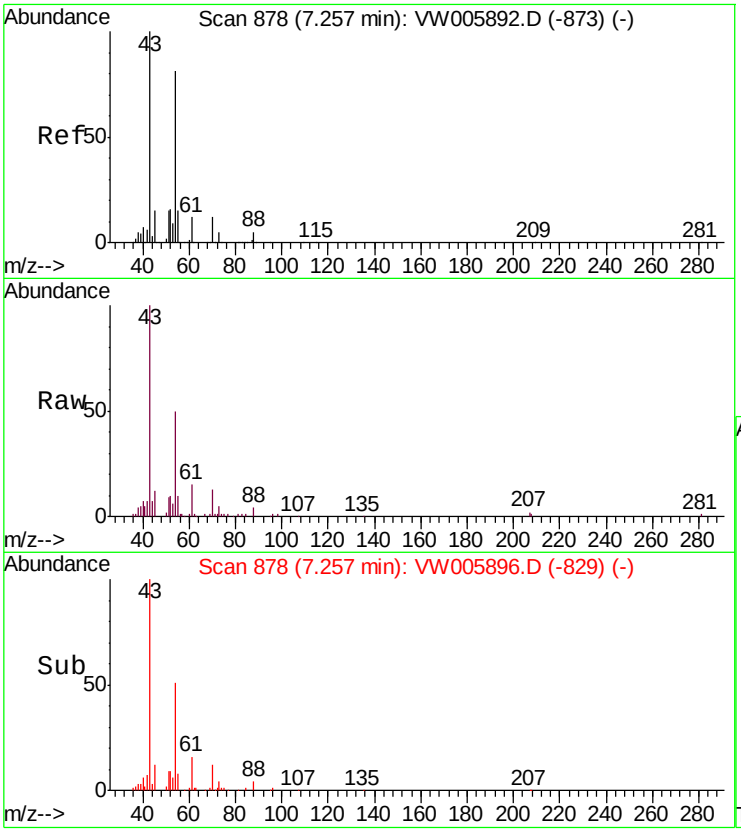




#36
1,1-Dichloropropene
Concen: 18.643 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 75 Resp: 82762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.8 | 18.6 | 56.0 |
| 77 | 31.1 | 24.7 | 37.1 |



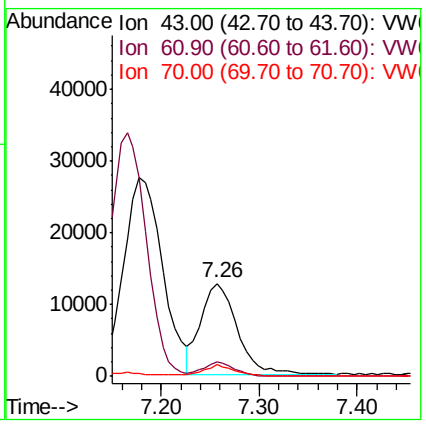


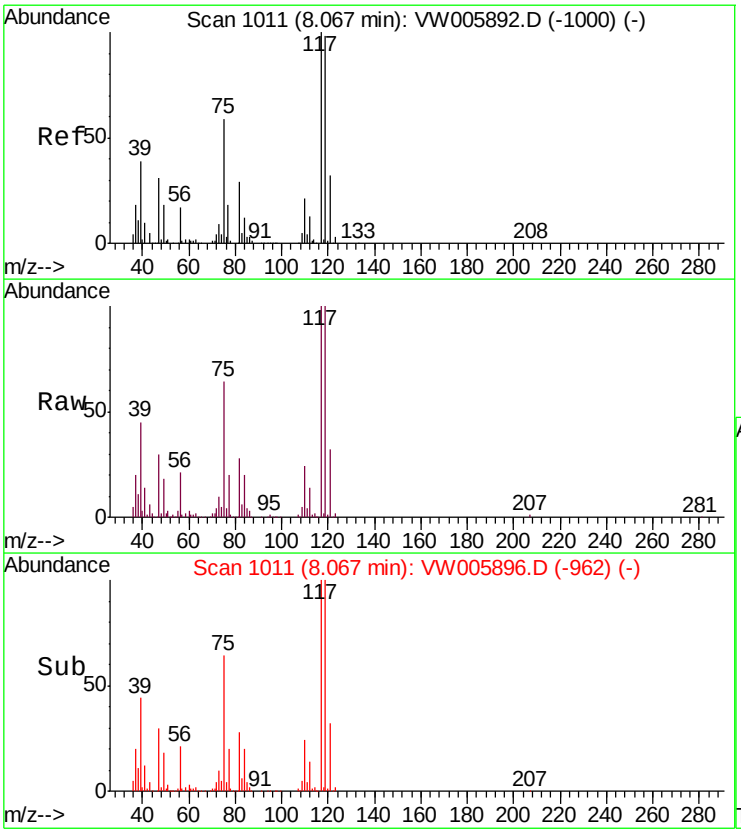

#37
Ethyl Acetate
Concen: 17.478 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 43 Resp: 32858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.7 | 10.6 | 16.0 |
| 70 | 11.7 | 8.6 | 13.0 |

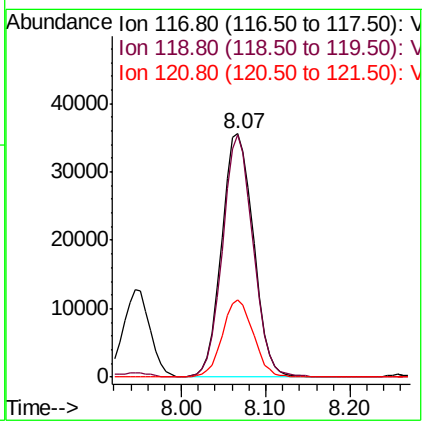


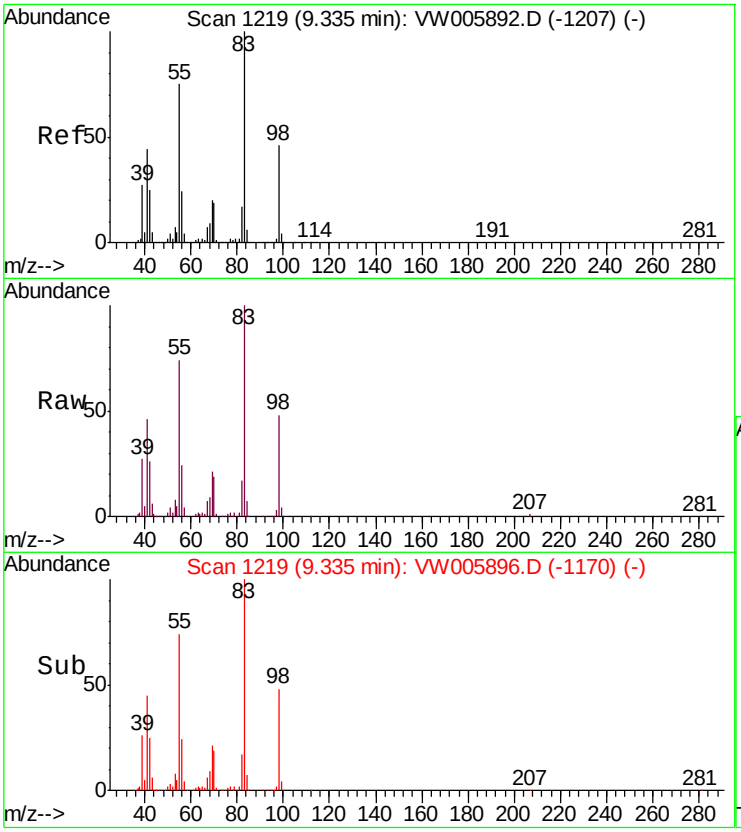




#38
Carbon Tetrachloride
Concen: 19.155 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:117 Resp: 91362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.5 | 78.6 | 117.8 |
| 121 | 31.8 | 25.3 | 37.9 |



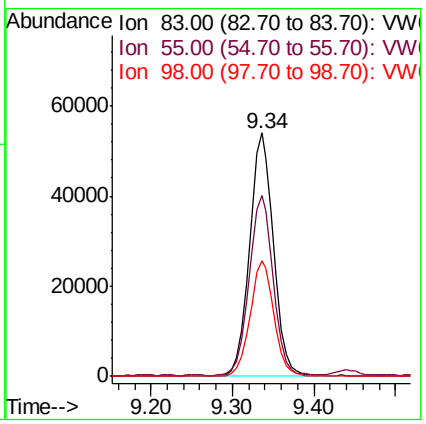


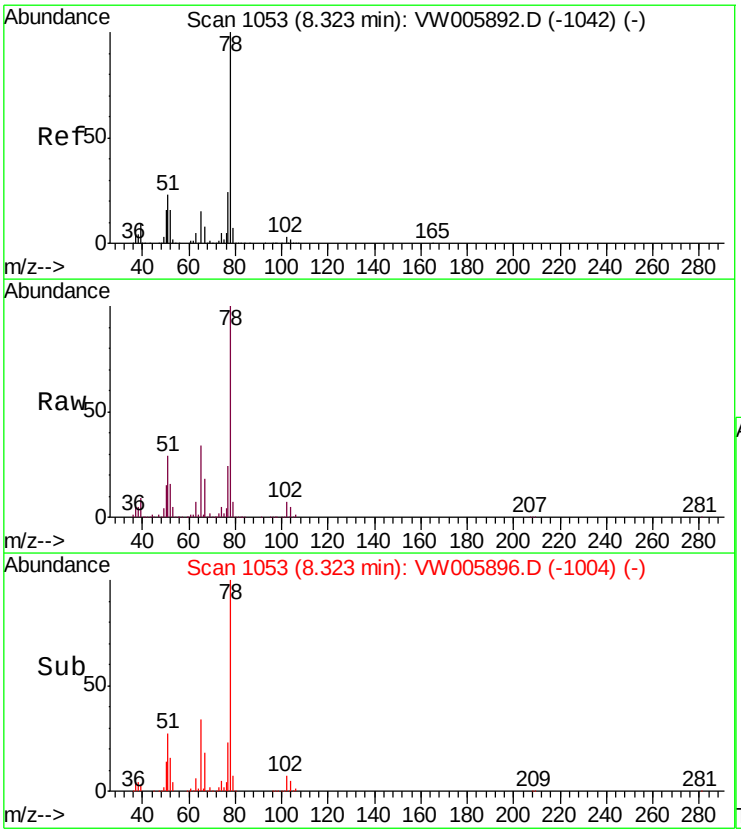

#39
Methylcyclohexane
Concen: 18.945 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 83 Resp: 110928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.8 | 59.8 | 89.6 |
| 98 | 47.5 | 37.1 | 55.7 |

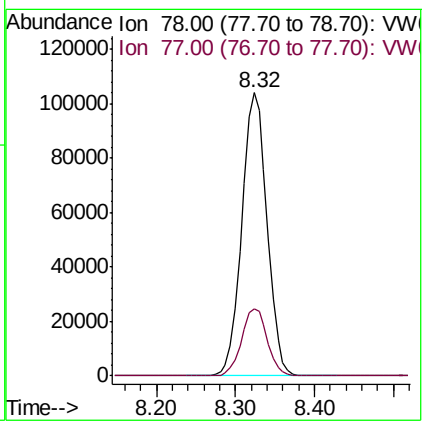


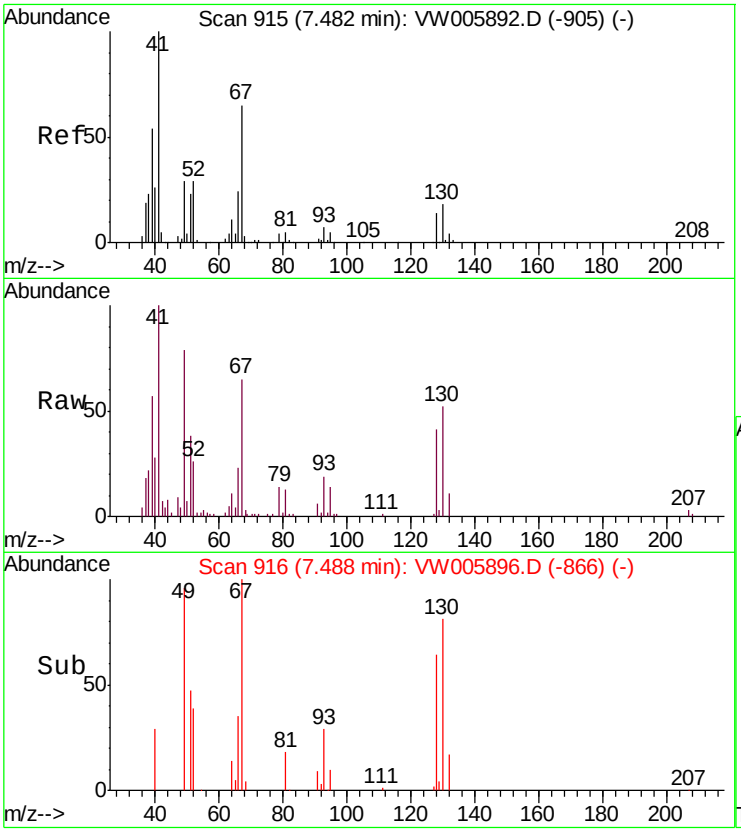




#40
Benzene
Concen: 18.963 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 78 Resp: 230404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 19.1 | 28.7 |



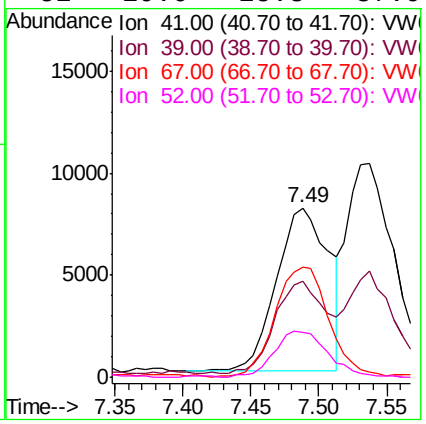


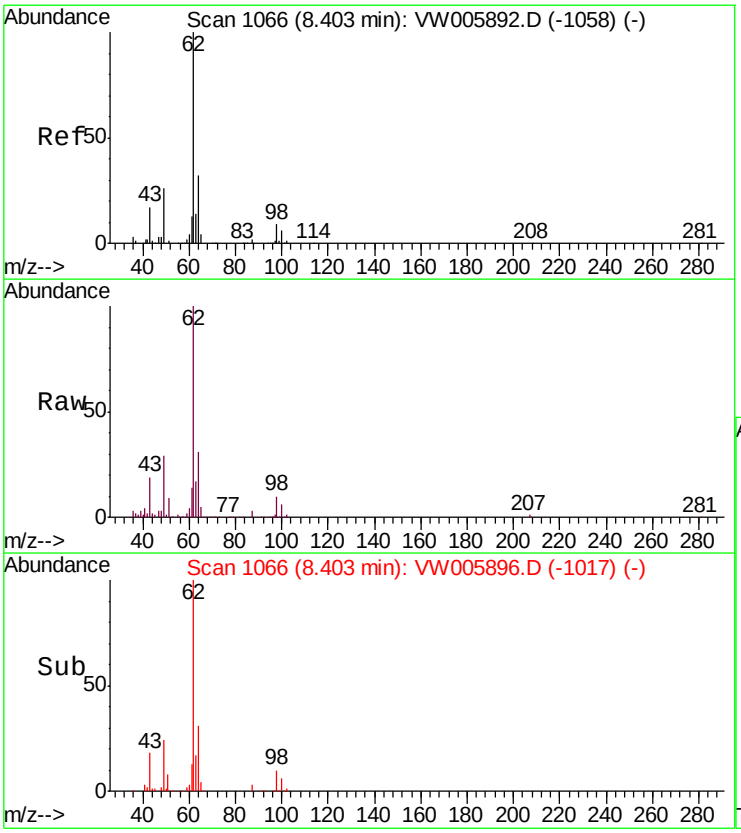

#41
Methacrylonitrile
Concen: 18.178 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 41 Resp: 21395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.6 | 45.0 | 67.4 |
| 67 | 69.5 | 55.8 | 83.8 |
| 52 | 29.0 | 25.3 | 37.9 |

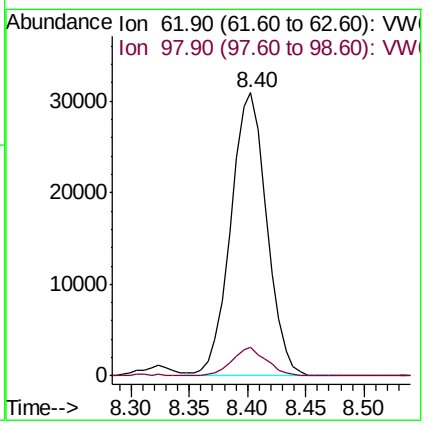


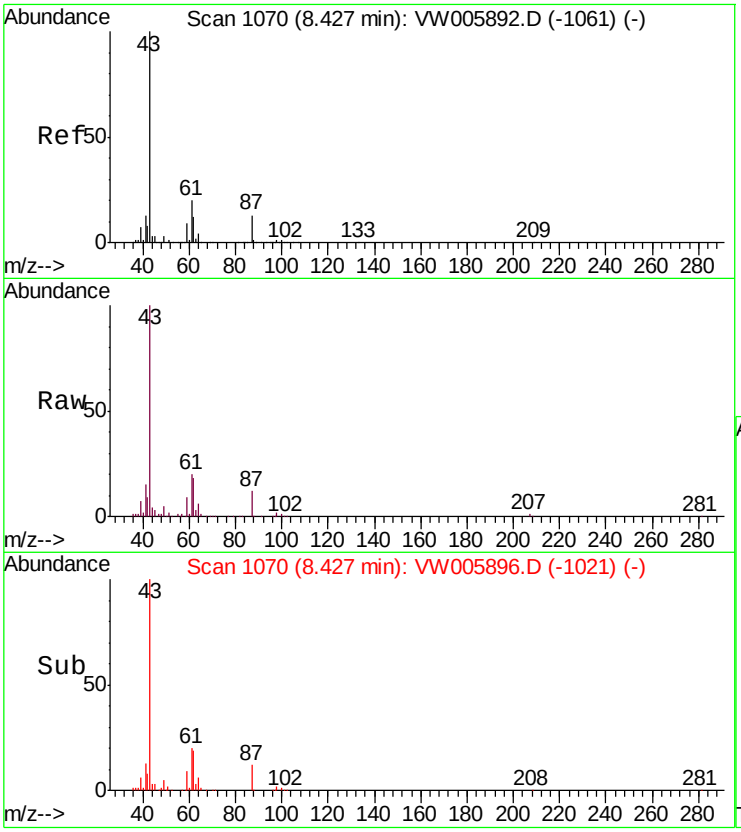




#42
1,2-Dichloroethane
Concen: 18.184 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 62 Resp: 66749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.7 | 0.0 | 18.0 |



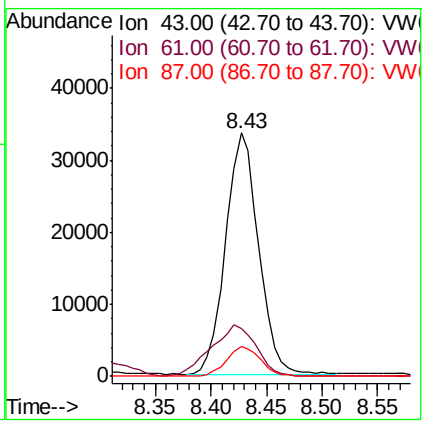


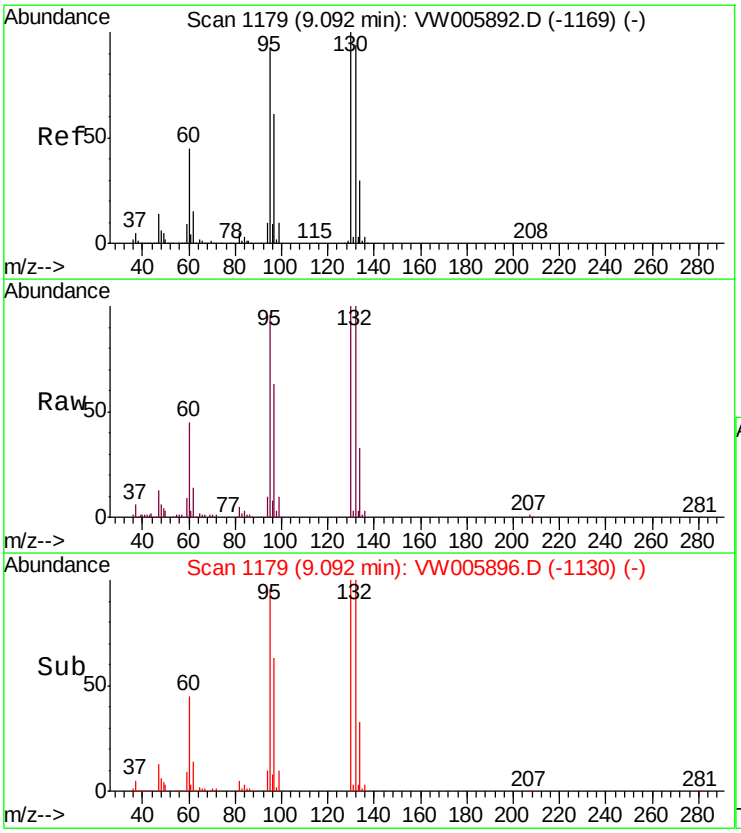

#43
Isopropyl Acetate
Concen: 17.501 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 43 Resp: 68729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 29.4 | 23.1 | 34.7 |
| 87 | 12.9 | 10.7 | 16.1 |

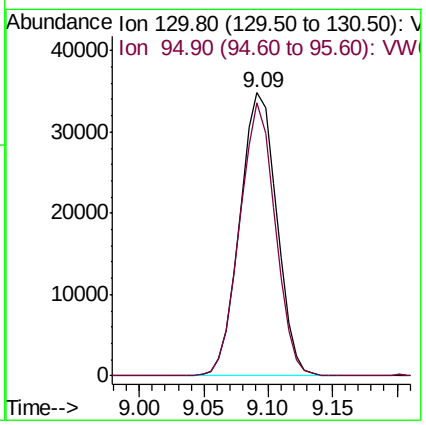


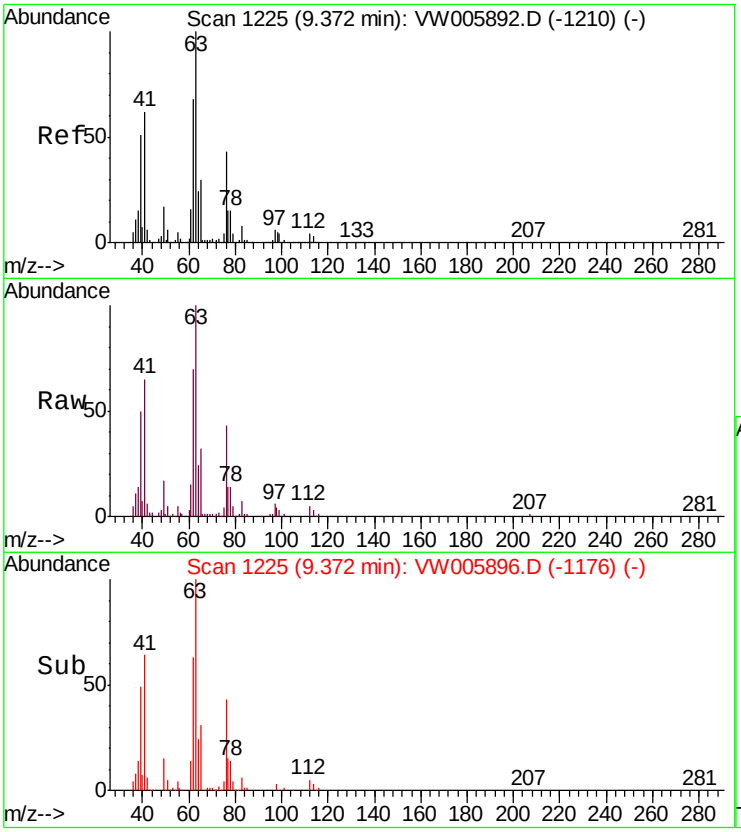




#44
Trichloroethene
Concen: 19.613 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:130 Resp: 69143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.4 | 0.0 | 185.6 |



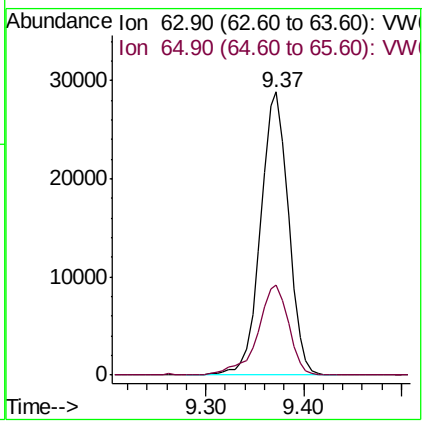


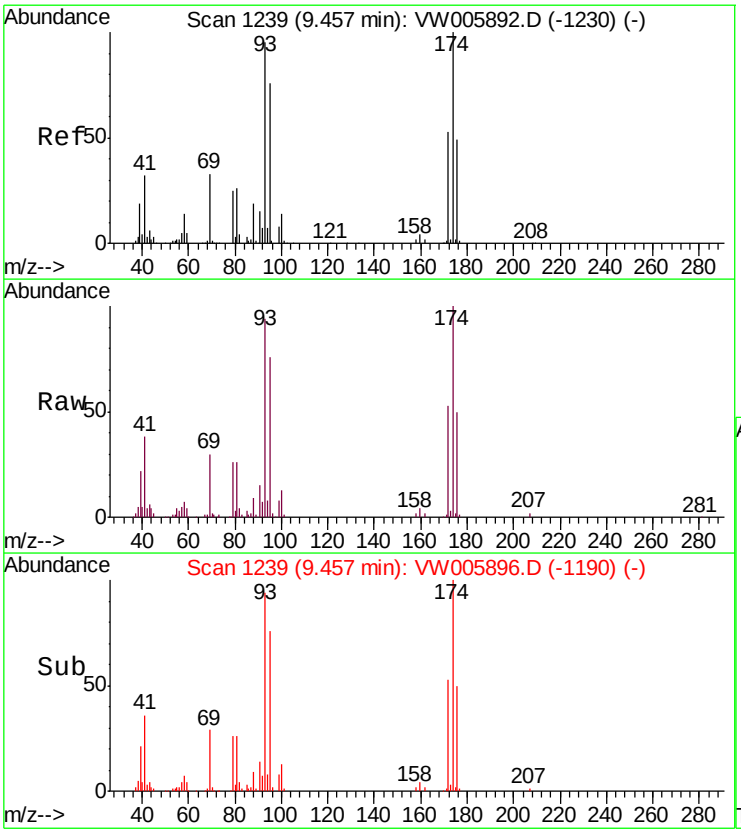

#45
1,2-Dichloropropane
Concen: 18.816 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 63 Resp: 57227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 24.3 | 36.5 |

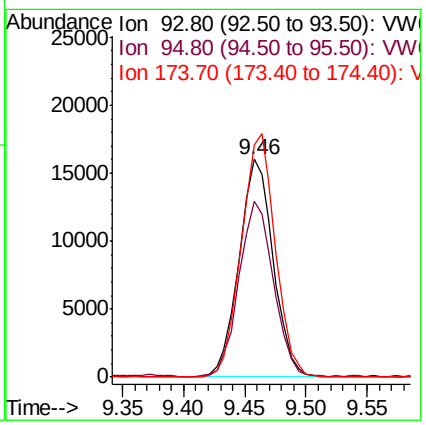


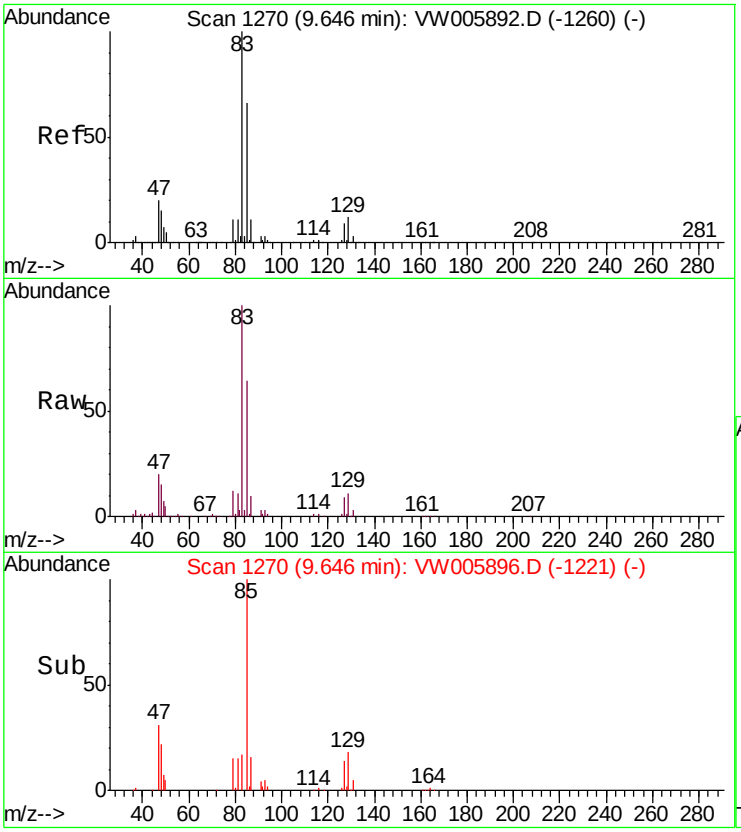




#46
Dibromomethane
Concen: 18.610 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 93 Resp: 31107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.0 | 66.6 | 99.8 |
| 174 | 110.7 | 90.4 | 135.6 |



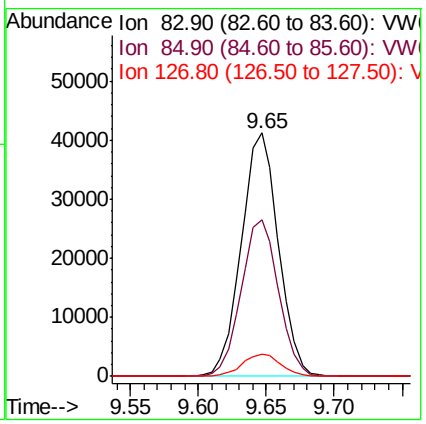


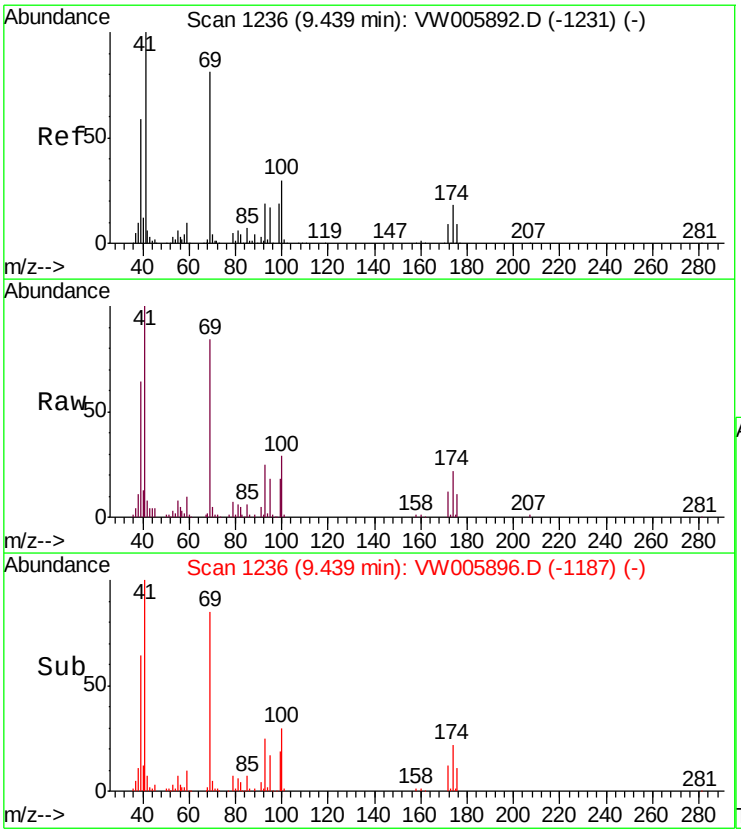

#47
Bromodichloromethane
Concen: 18.618 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 83 Resp: 78314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.2 | 53.0 | 79.6 |
| 127 | 9.2 | 7.4 | 11.0 |

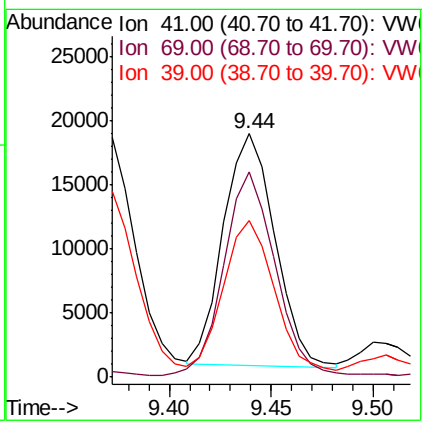


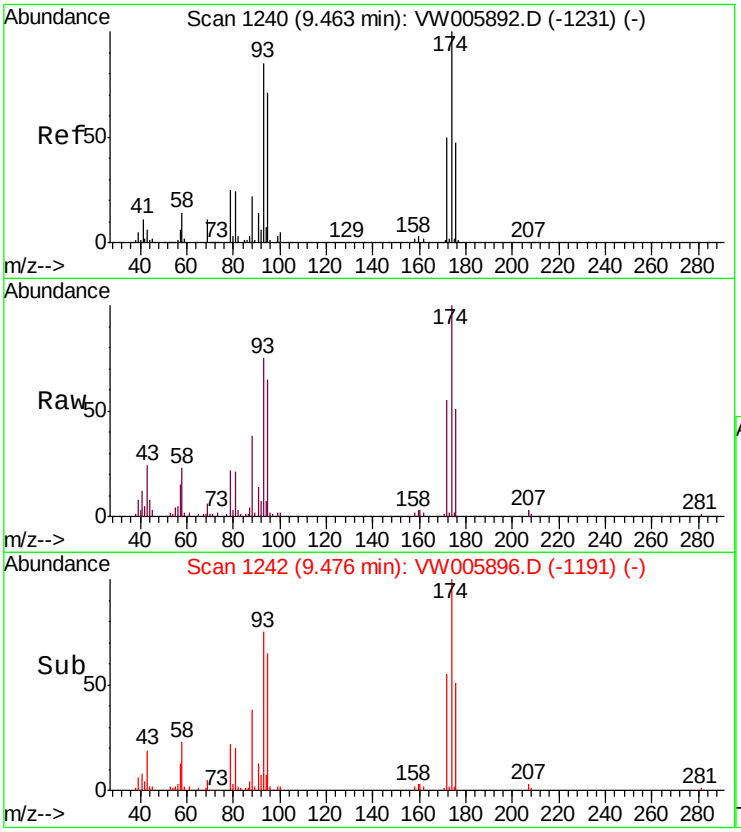




#48
Methyl methacrylate
Concen: 16.970 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 41 Resp: 31747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 87.0 | 68.7 | 103.1 |
| 39 | 67.6 | 50.0 | 75.0 |



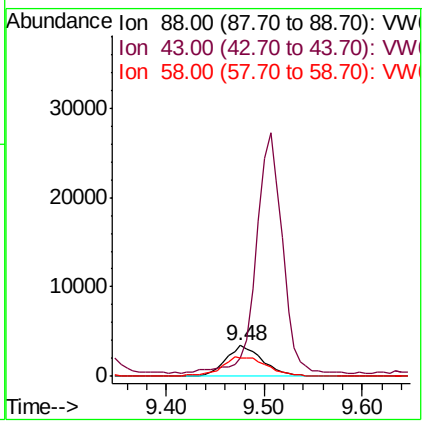


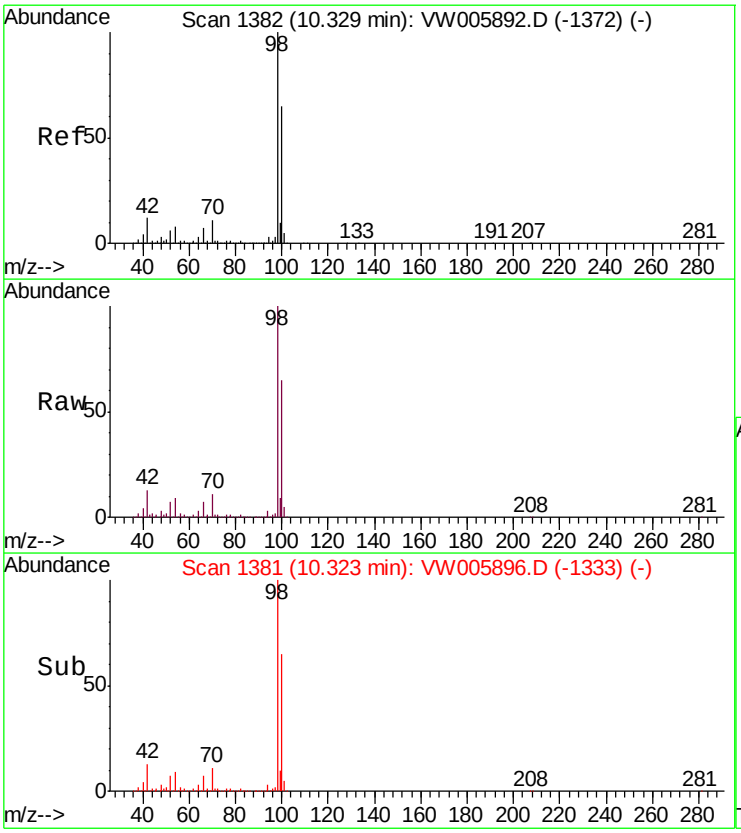

#49
1,4-Dioxane
Concen: 361.121 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 88 Resp: 9169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 0.0 | 0.0 |
| 58 | 75.6 | 57.7 | 86.5 |

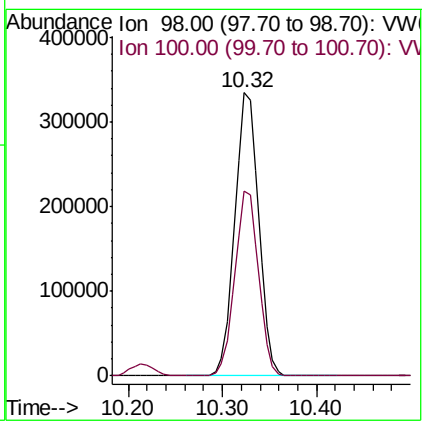


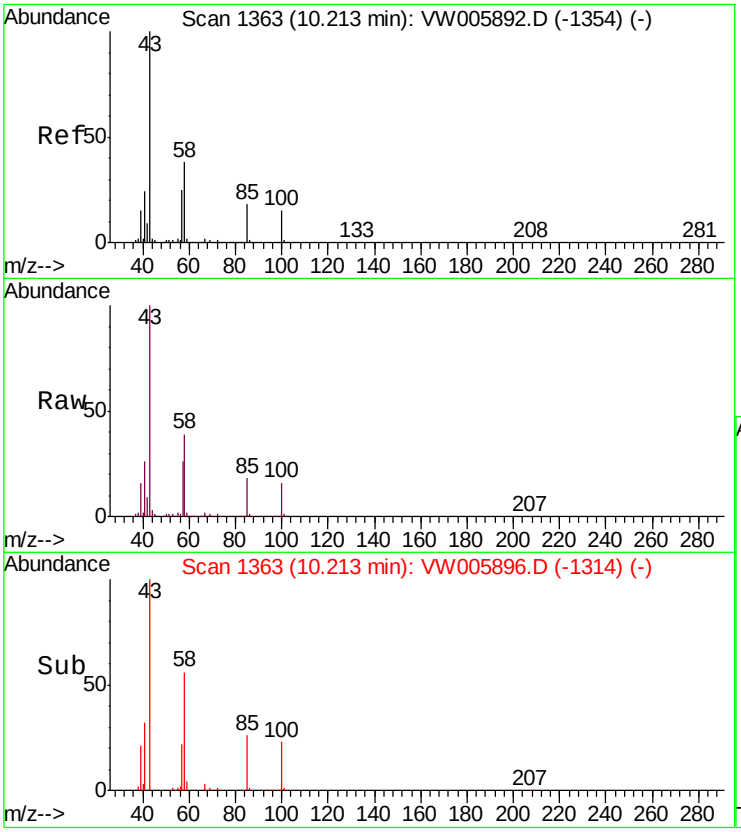




#50
Toluene-d8
Concen: 51.936 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 98 Resp: 591067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 51.9 | 77.9 |



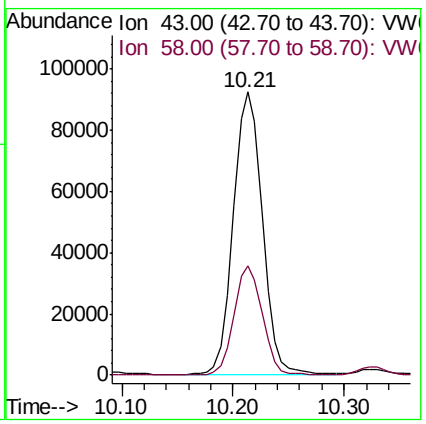


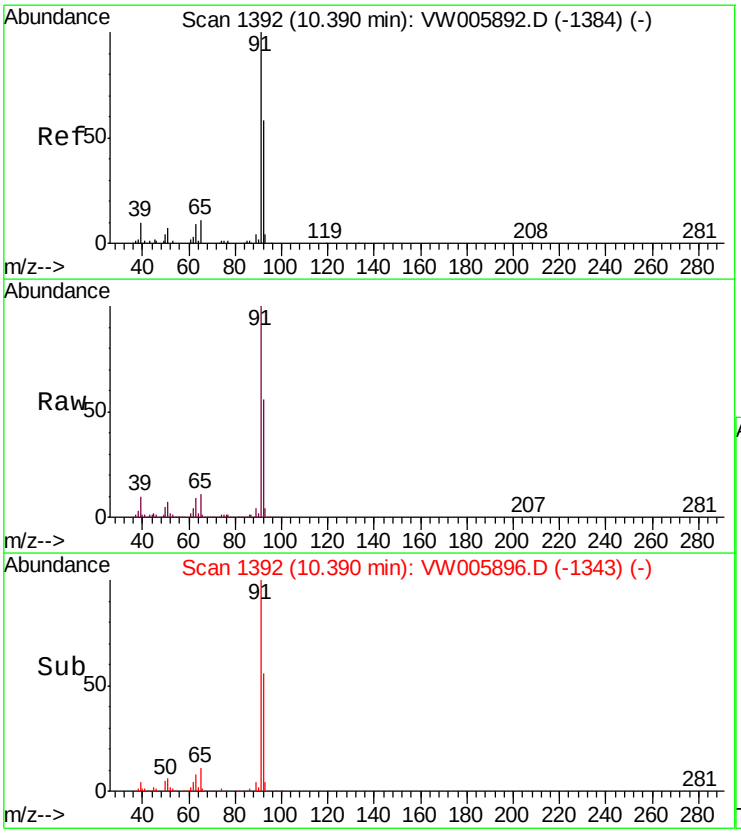

#51
4-Methyl-2-Pentanone
Concen: 86.752 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 43 Resp: 165898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.9 | 30.2 | 45.4 |

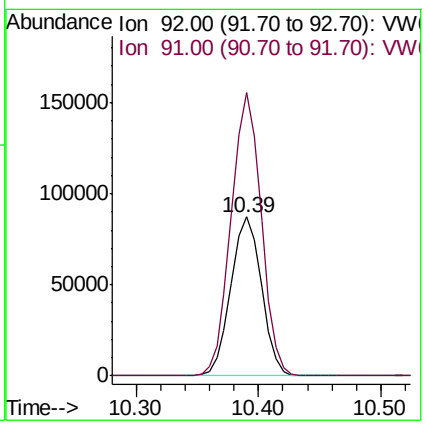


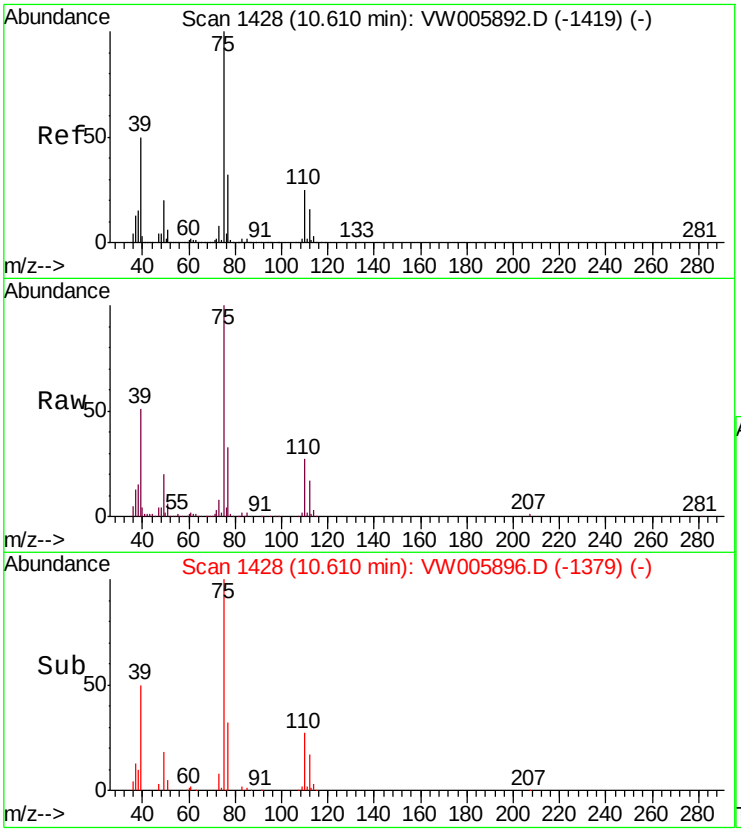




#52
Toluene
Concen: 18.998 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 92 Resp: 151647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.5 | 138.2 | 207.4 |



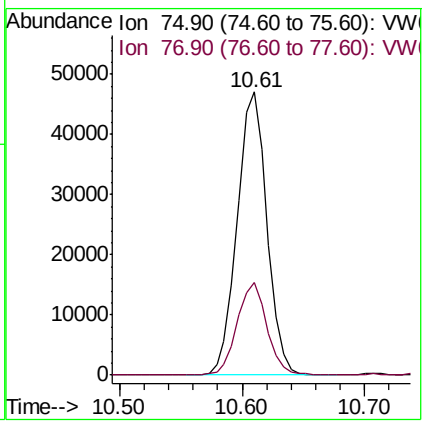


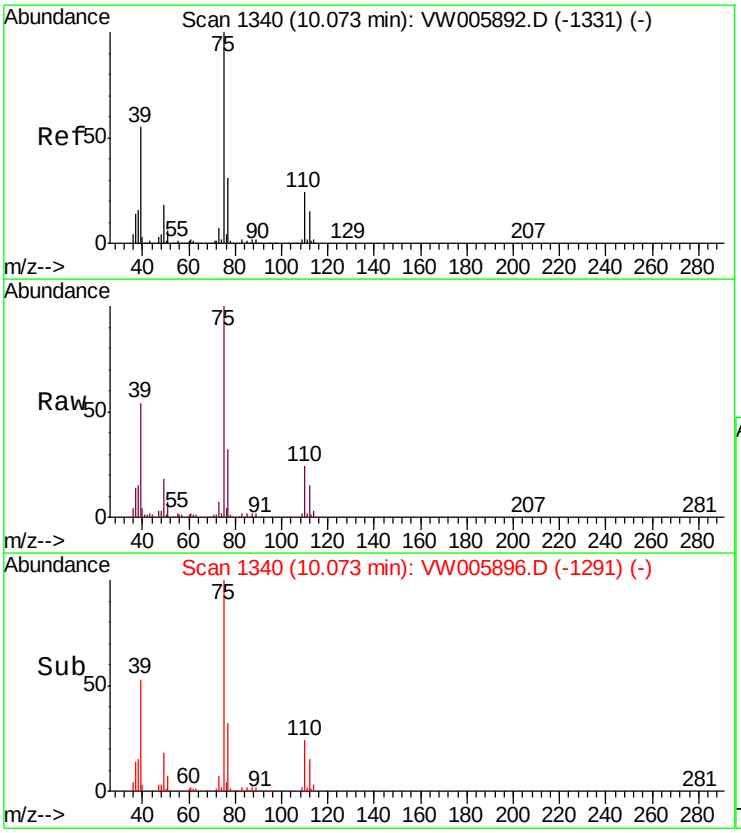

#53
t-1,3-Dichloropropene
Concen: 18.001 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 75 Resp: 79128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.5 | 25.4 | 38.2 |

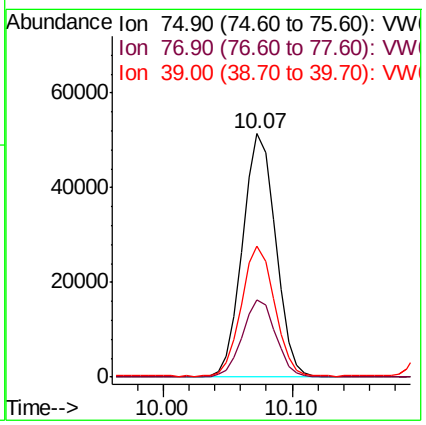


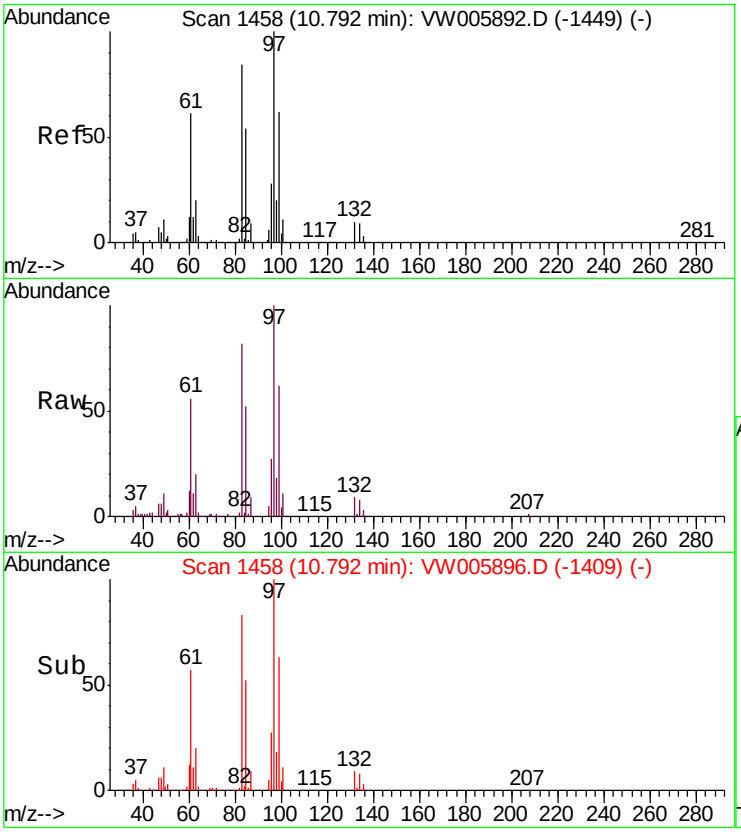




#54
cis-1,3-Dichloropropene
Concen: 18.477 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 75 Resp: 91301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.6 | 37.0 |
| 39 | 53.6 | 44.2 | 66.4 |



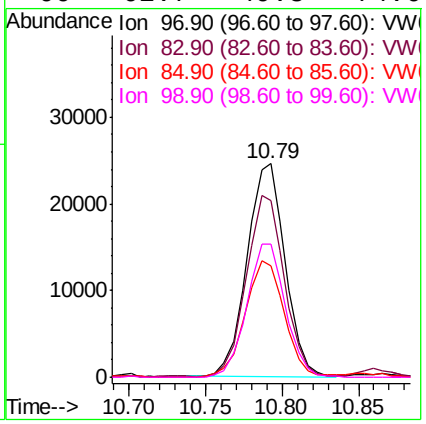


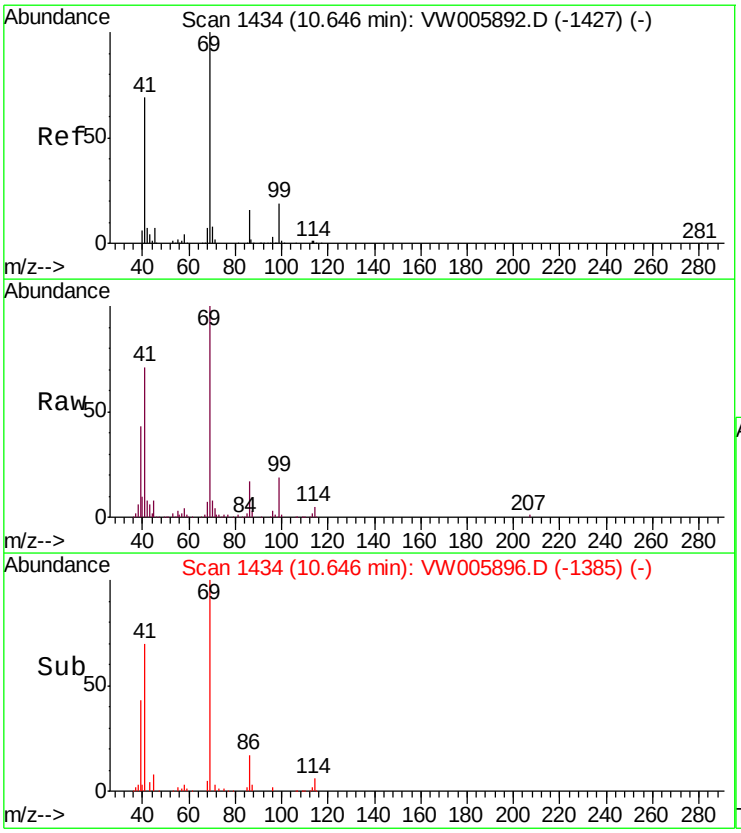

#55
1,1,2-Trichloroethane
Concen: 18.318 ug/l
RT: 10.79 min Scan# 1458
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 97 Resp: 42411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 82.4 | 66.9 | 100.3 |
| 85 | 52.1 | 43.4 | 65.0 |
| 99 | 62.7 | 49.8 | 74.6 |

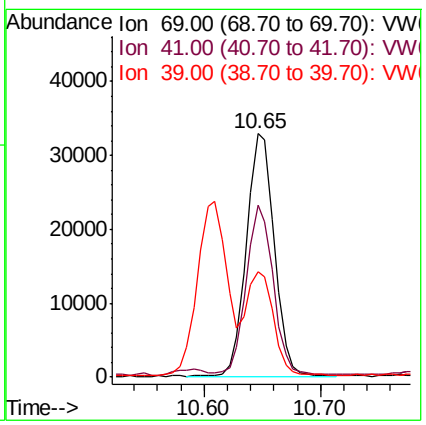


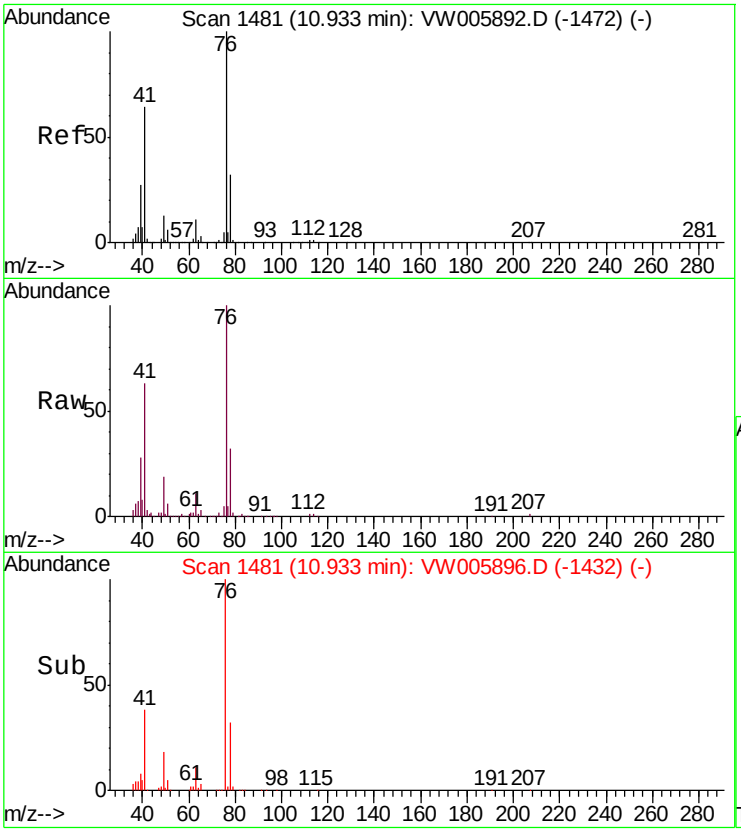




#56
Ethyl methacrylate
Concen: 17.573 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 69 Resp: 54837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.2 | 56.0 | 84.0 |
| 39 | 41.9 | 33.5 | 50.3 |



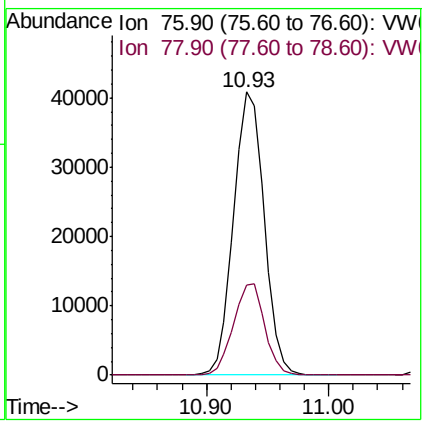


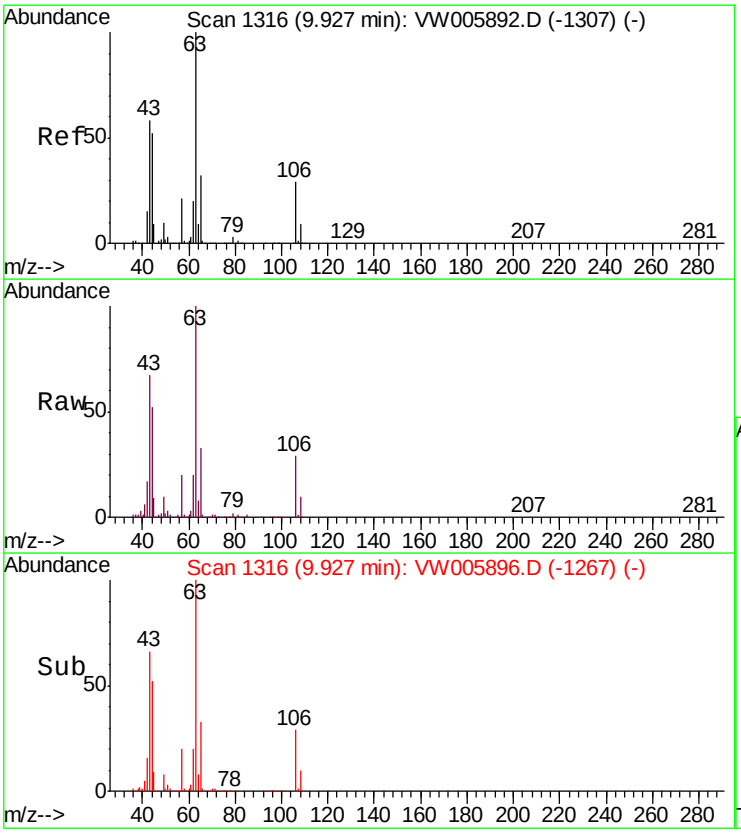

#57
1,3-Dichloropropane
Concen: 18.155 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 76 Resp: 70714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.8 | 25.8 | 38.6 |

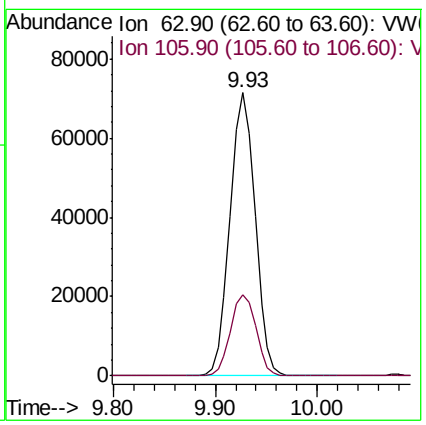


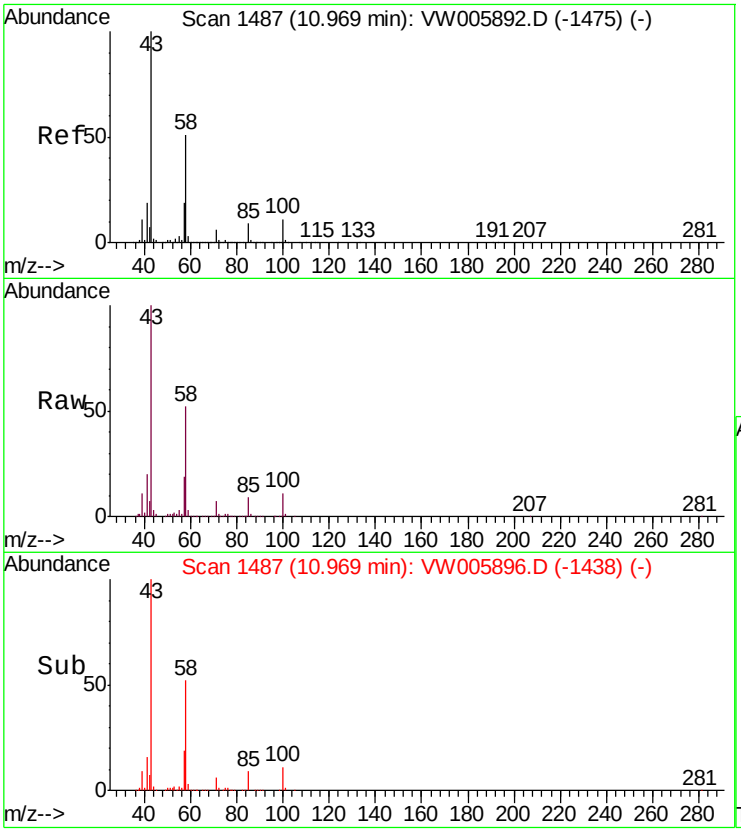




#58
2-Chloroethyl Vinyl ether
Concen: 95.861 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 63 Resp: 121716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.3 | 23.6 | 35.4 |



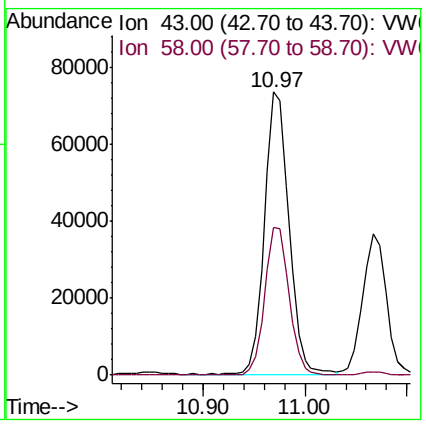


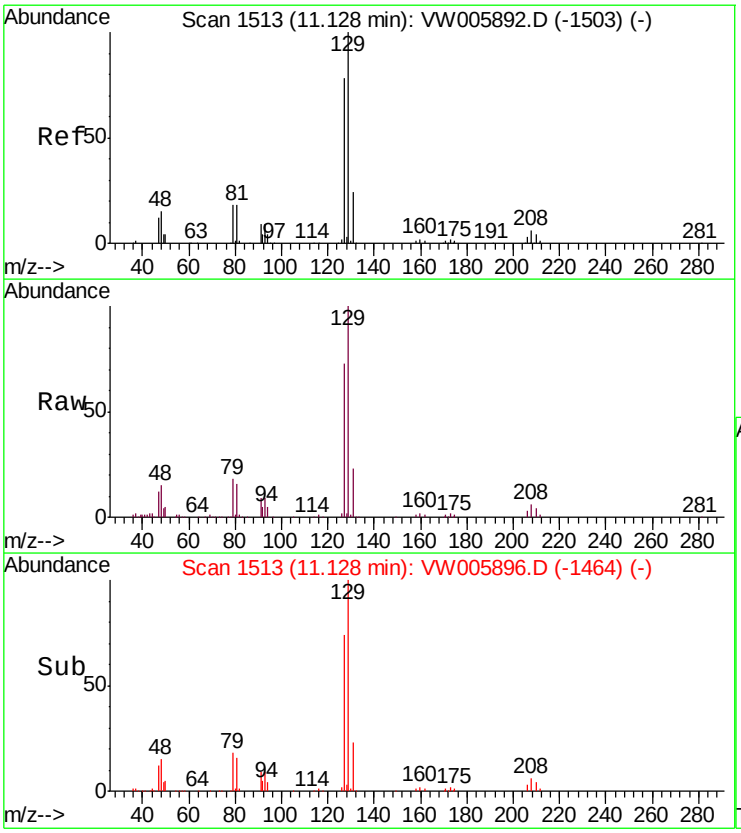

#59
2-Hexanone
Concen: 88.687 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 43 Resp: 121605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.2 | 25.7 | 77.1 |

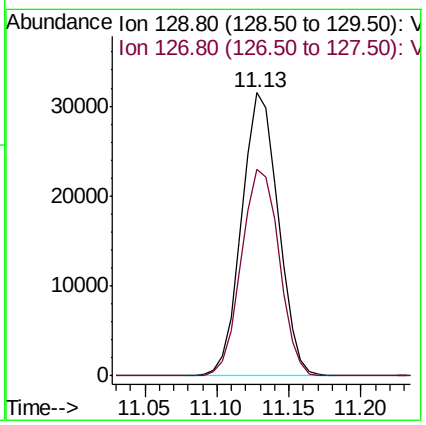


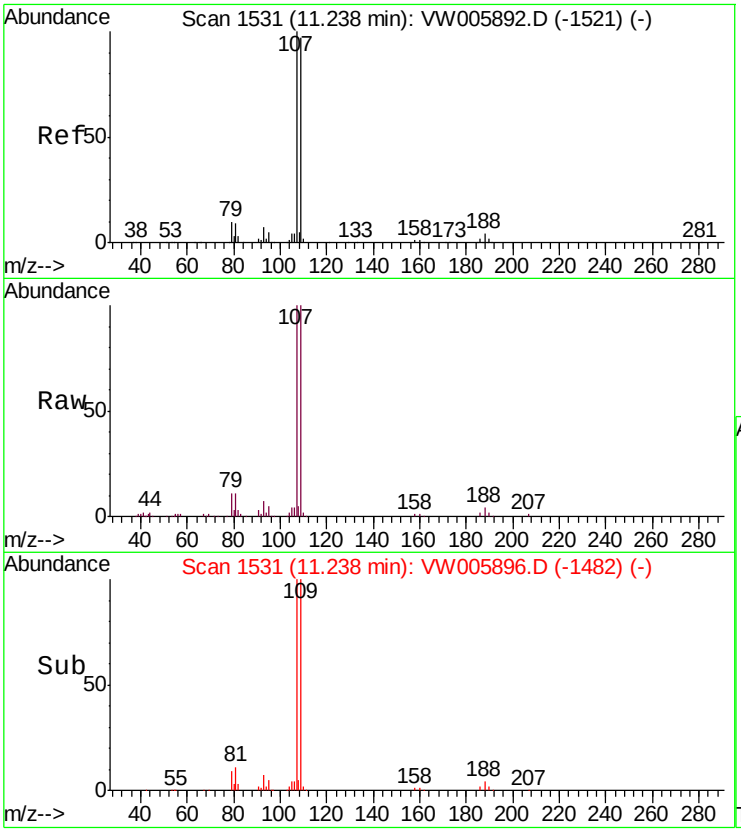




#60
Dibromochloromethane
Concen: 18.526 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:129 Resp: 55349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 75.5 | 38.5 | 115.5 |



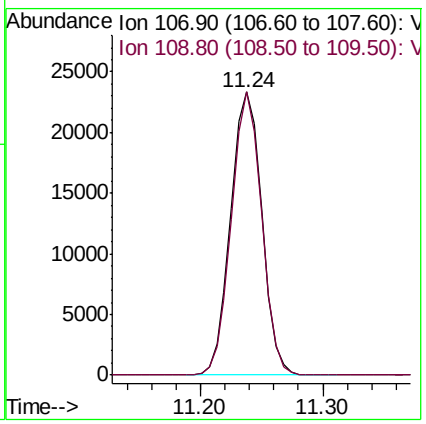


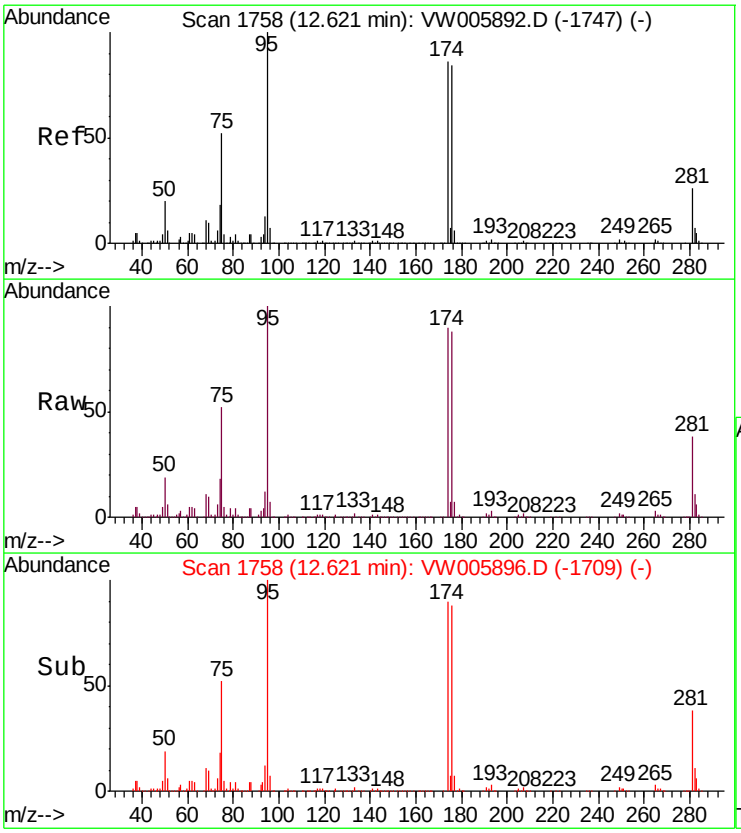

#61
1,2-Dibromoethane
Concen: 17.804 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:107 Resp: 41191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.8 | 75.8 | 113.8 |

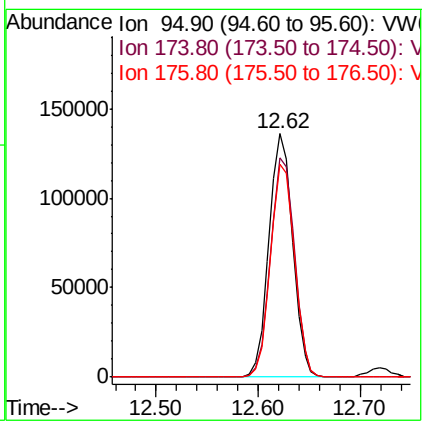


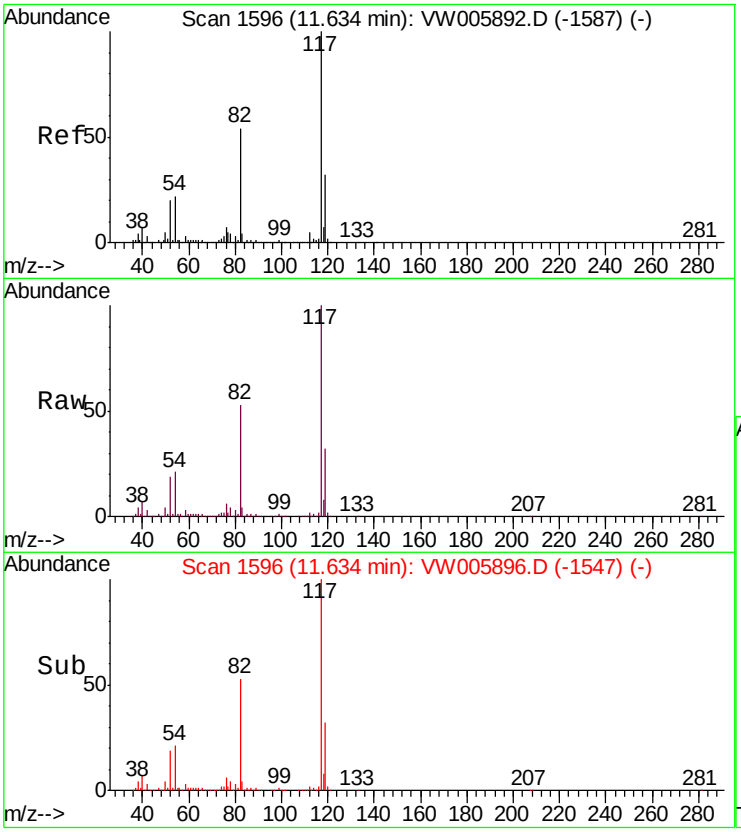




#62
4-Bromofluorobenzene
Concen: 50.234 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 95 Resp: 217510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.3 | 0.0 | 176.4 |
| 176 | 88.4 | 0.0 | 173.0 |



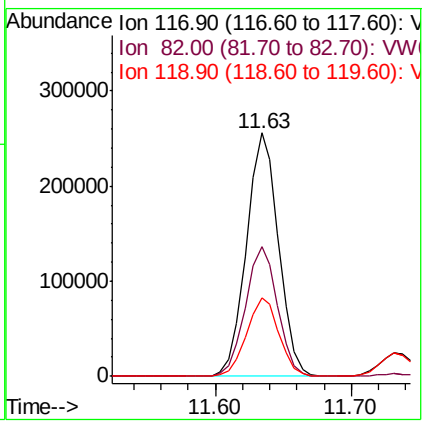


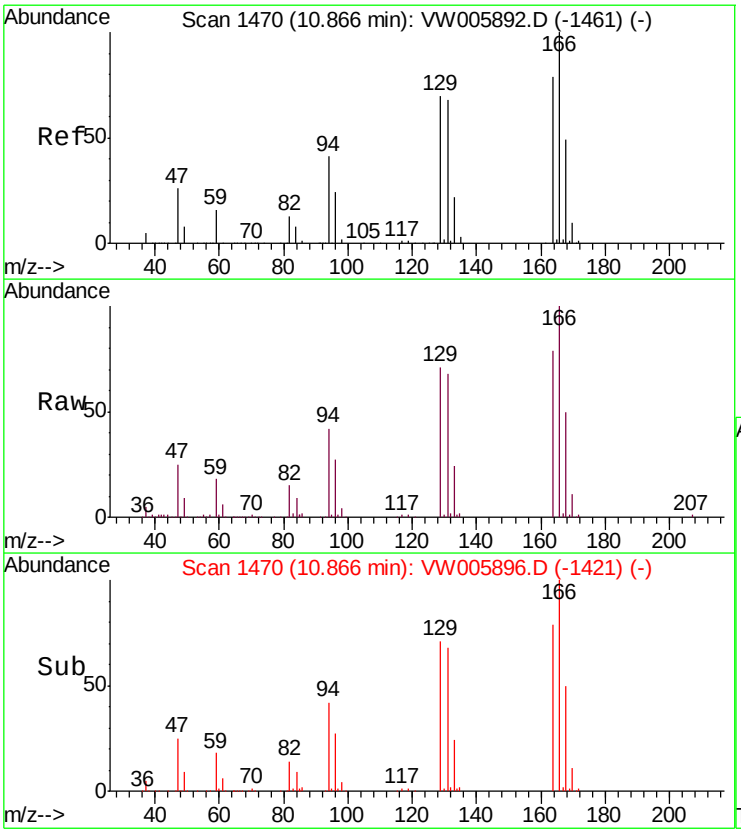

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:117 Resp: 422634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.4 | 43.5 | 65.3 |
| 119 | 32.2 | 25.4 | 38.2 |

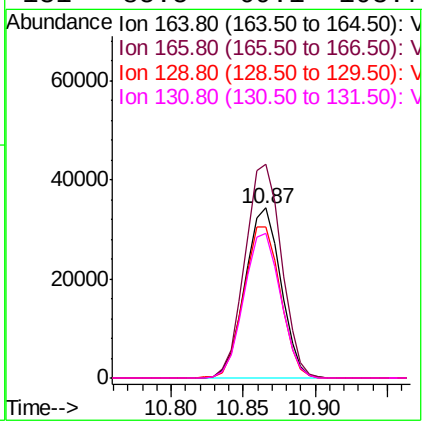


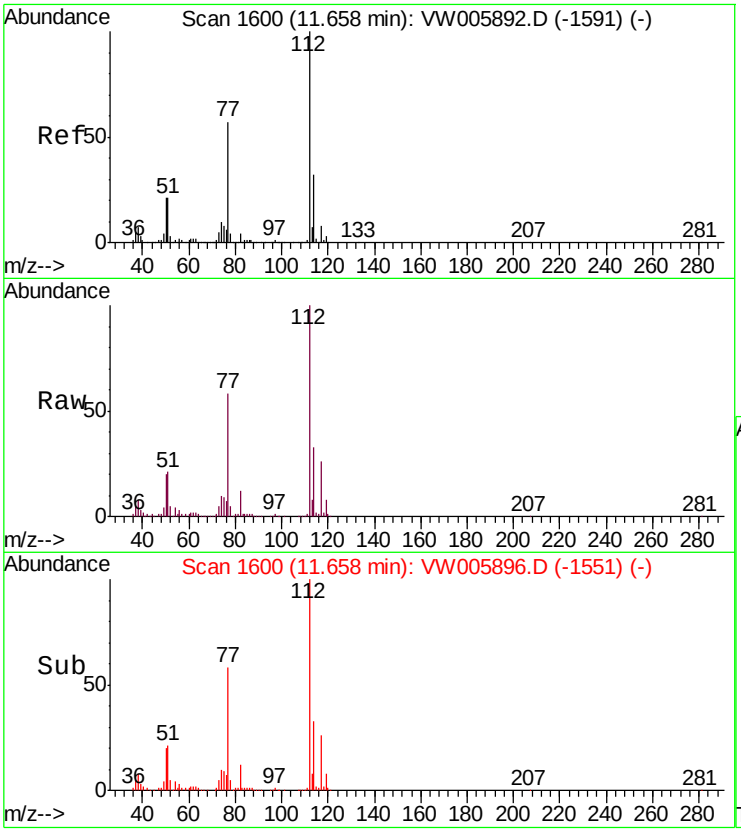




#64
Tetrachloroethene
Concen: 18.734 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:164 Resp: 58980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.9 | 101.5 | 152.3 |
| 129 | 89.3 | 71.1 | 106.7 |
| 131 | 85.5 | 69.1 | 103.7 |



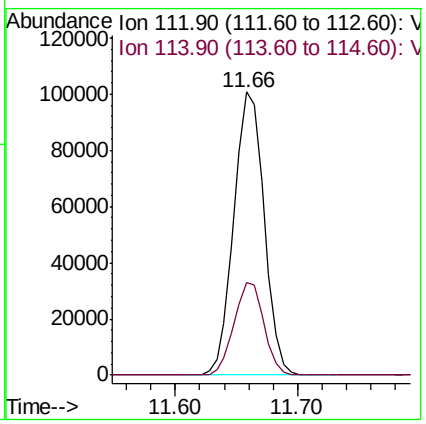


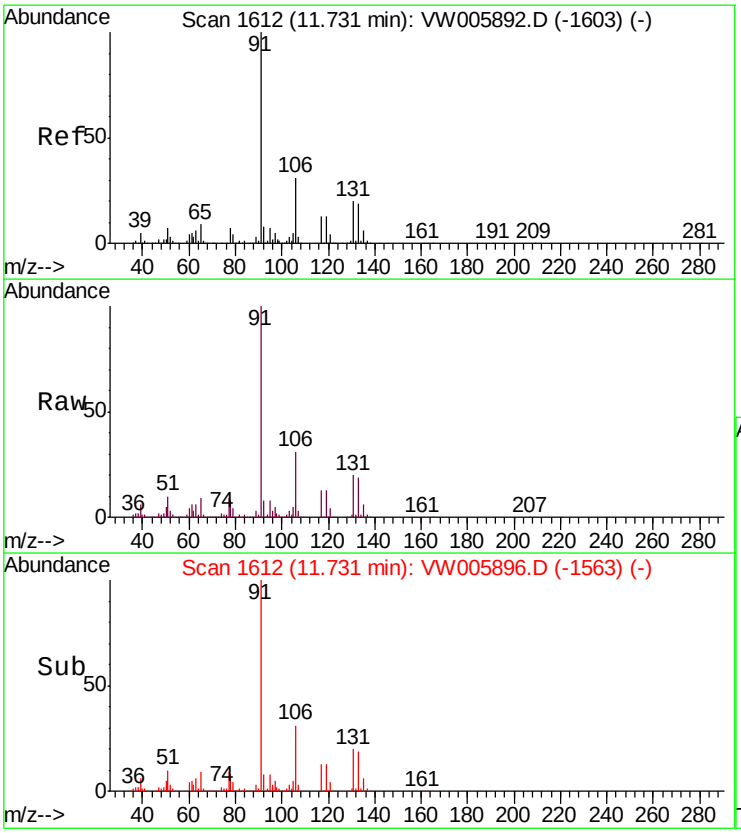

#65
Chlorobenzene
Concen: 19.046 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:112 Resp: 172425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.6 | 25.6 | 38.4 |

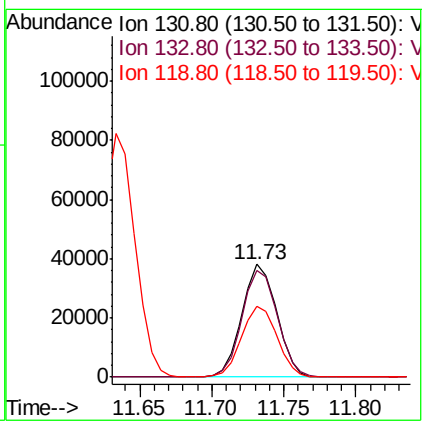


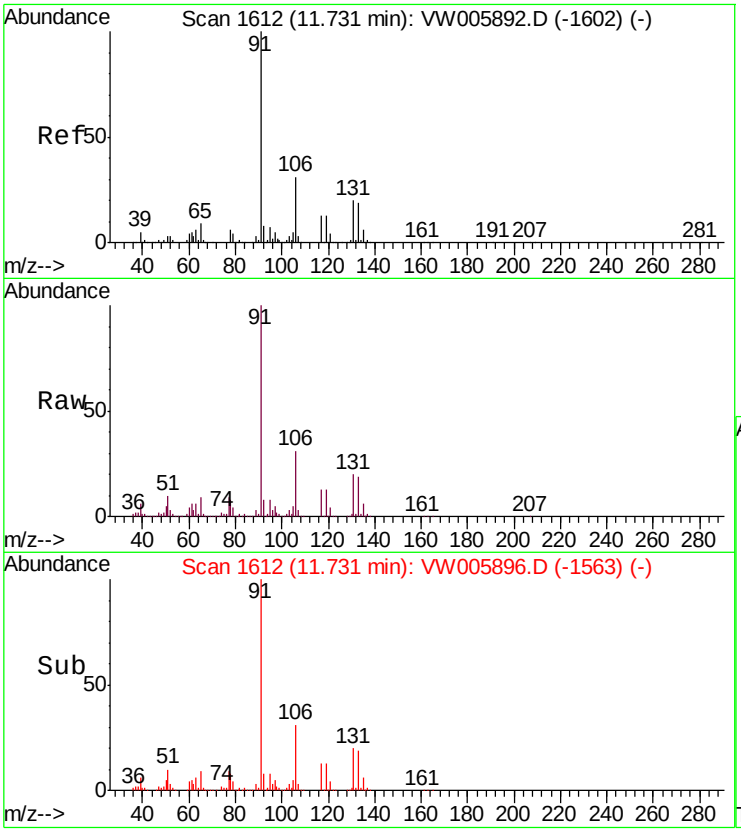




#66
1,1,1,2-Tetrachloroethane
Concen: 19.270 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:131 Resp: 63944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.3 | 48.2 | 144.6 |
| 119 | 63.8 | 32.5 | 97.5 |



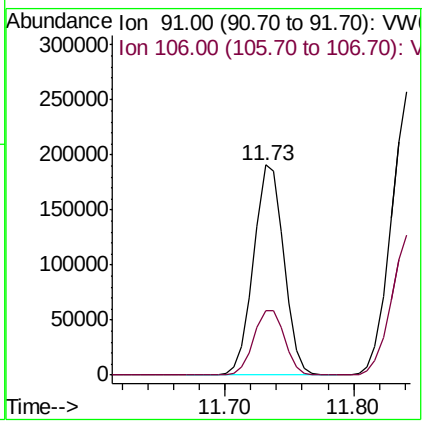


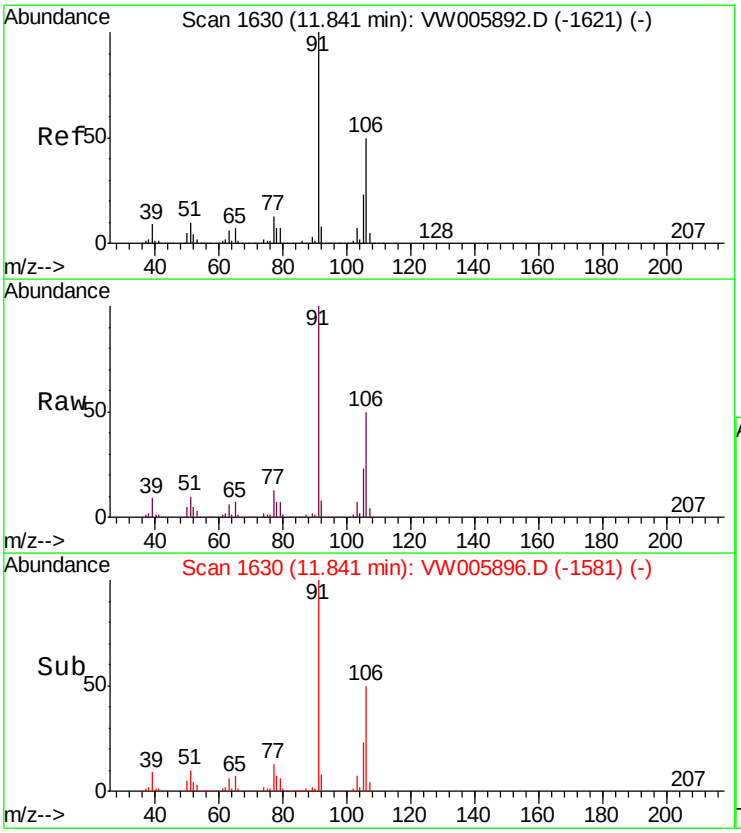

#67
Ethyl Benzene
Concen: 19.310 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion: 91 Resp: 308772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.9 | 25.0 | 37.6 |

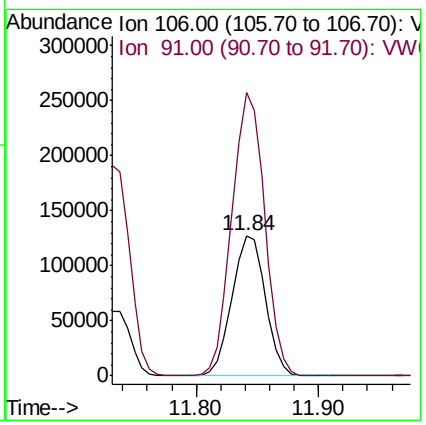


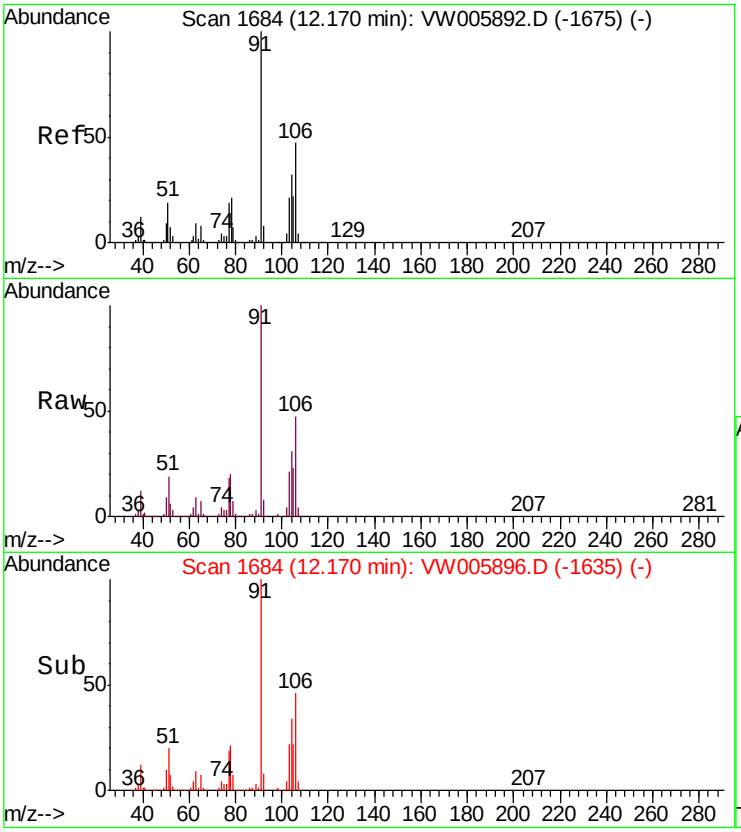




#68
m/p-Xylenes
Concen: 38.367 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:106 Resp: 239753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.7 | 160.2 | 240.2 |



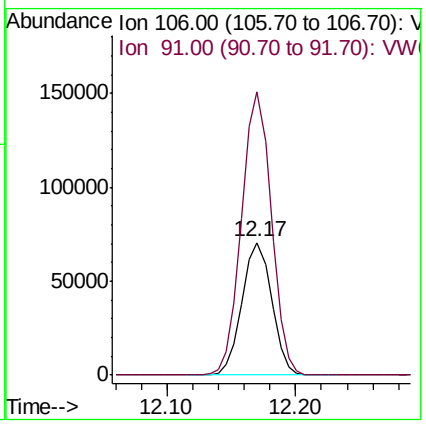


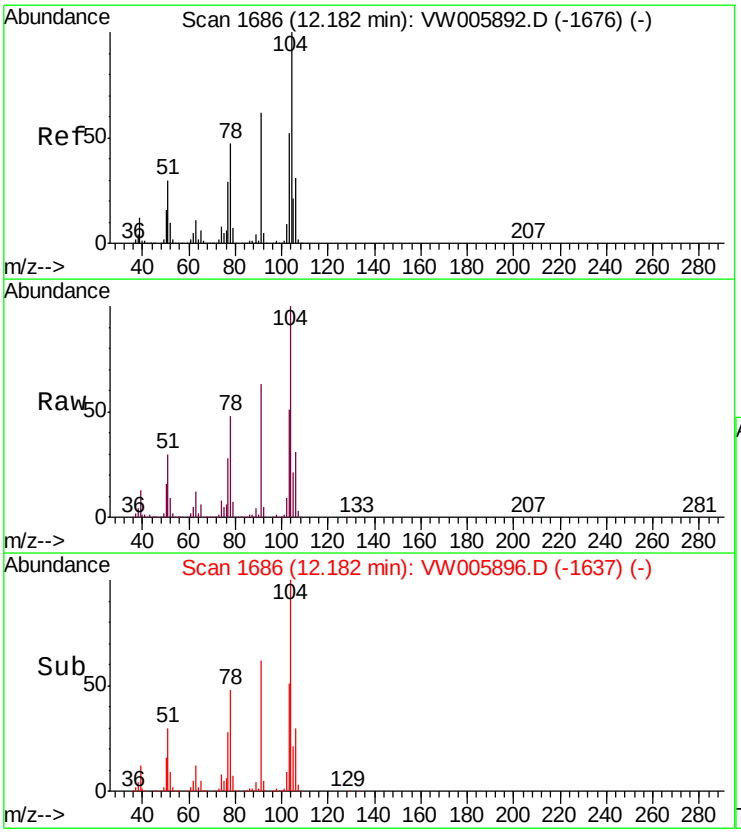

#69
o-Xylene
Concen: 18.901 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:106 Resp: 113074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.9 | 106.2 | 318.5 |

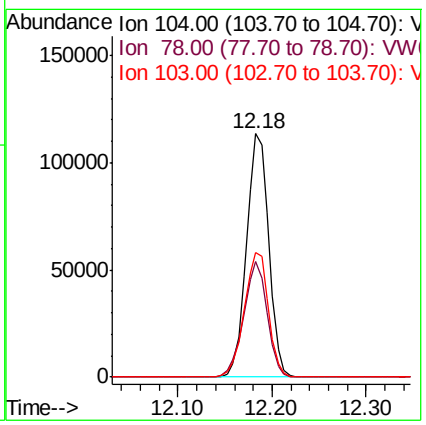


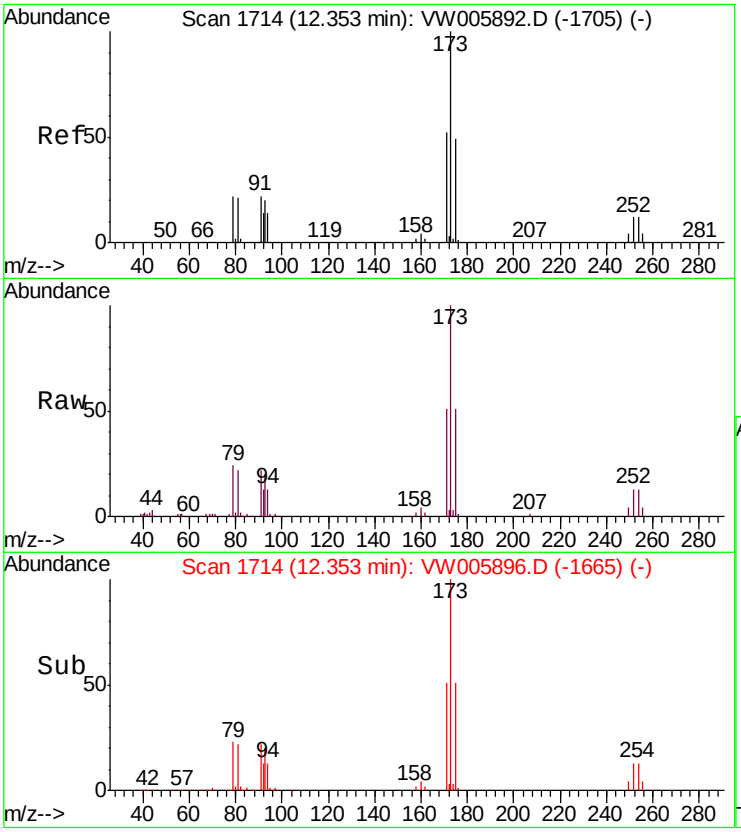




#70
Styrene
Concen: 19.009 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:104 Resp: 188677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.8 | 40.4 | 60.6 |
| 103 | 55.3 | 44.2 | 66.2 |



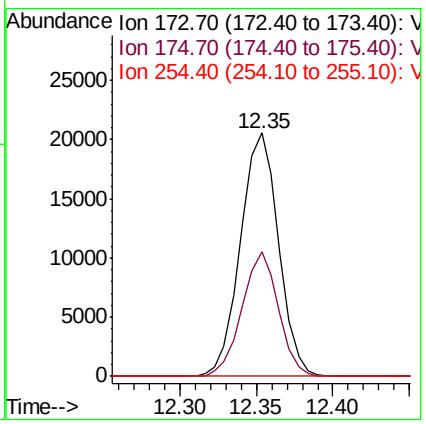


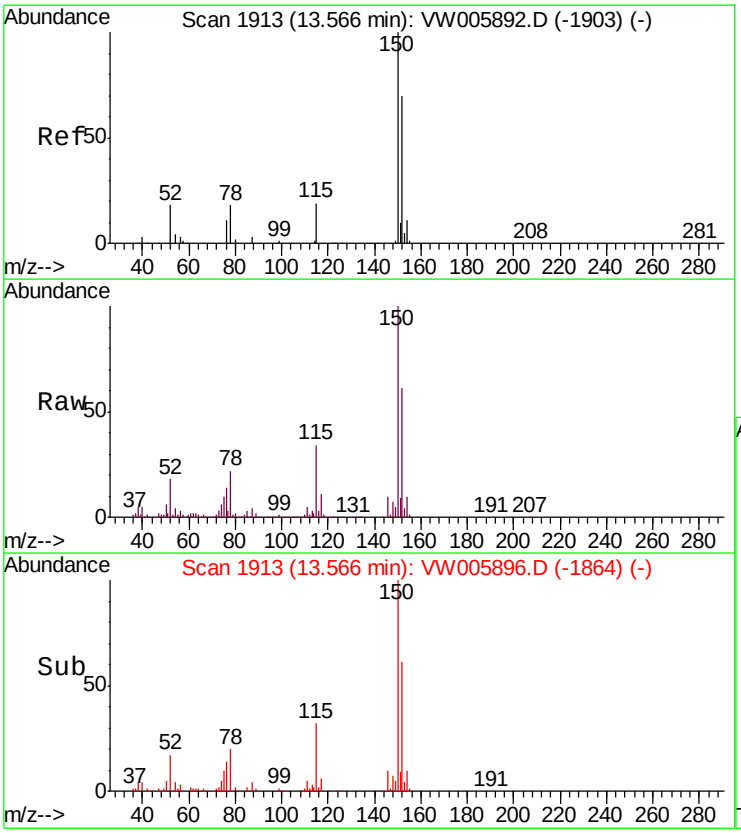

#71
Bromoform
Concen: 17.922 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:173 Resp: 35423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.0 | 24.7 | 74.1 |
| 254 | 0.0 | 0.2 | 0.2# |

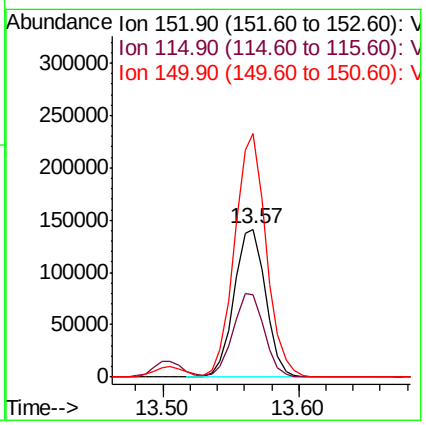


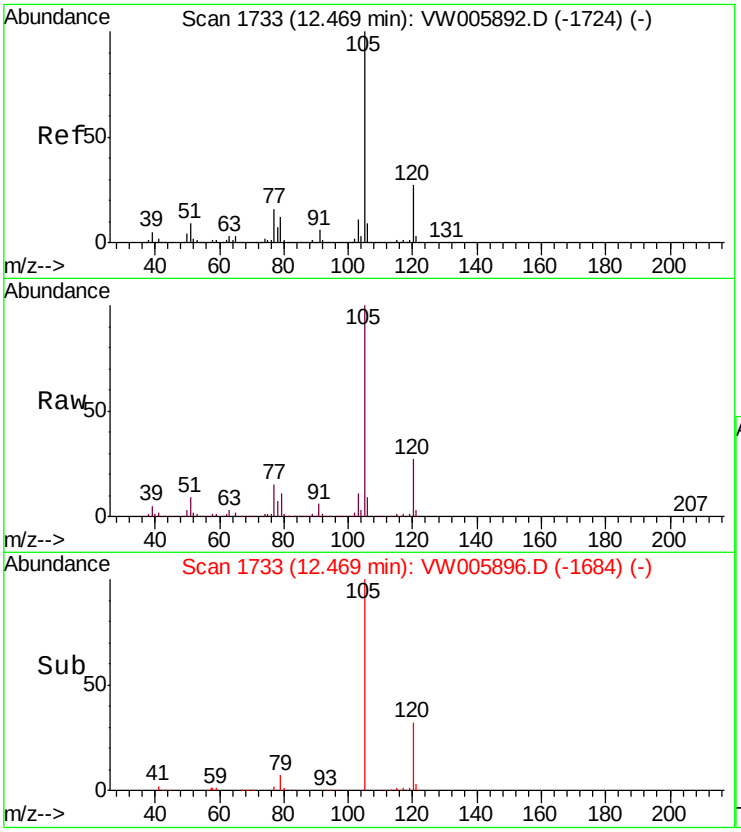




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:152 Resp: 228025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.0 | 28.3 | 85.0 |
| 150 | 164.6 | 0.0 | 349.2 |



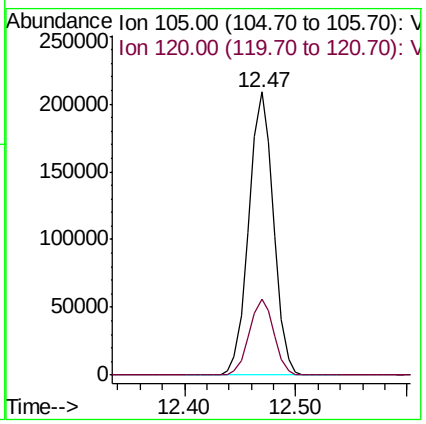


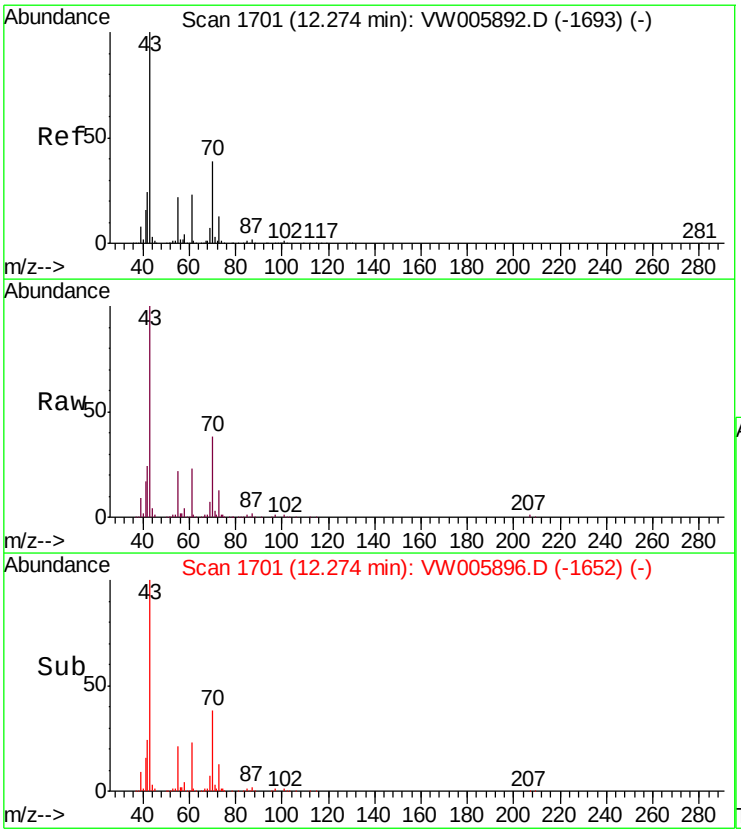

#73
Isopropylbenzene
Concen: 19.344 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:105 Resp: 322133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.0 | 13.6 | 40.8 |

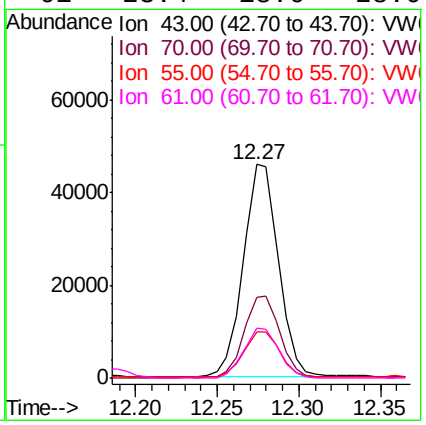


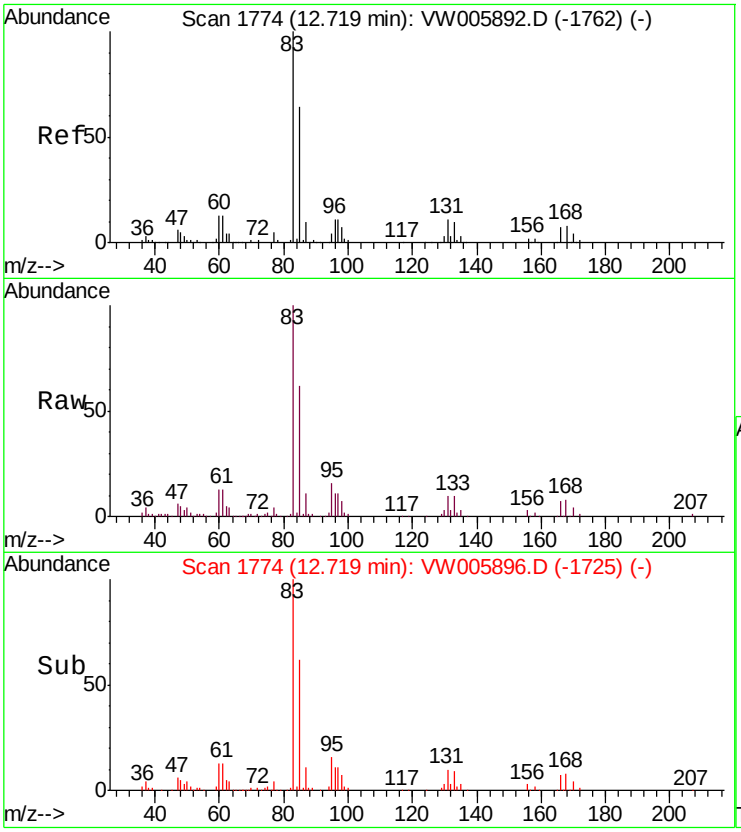




#74
N-amyl acetate
Concen: 17.414 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 43 Resp: 68871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 40.1 | 31.6 | 47.4 |
| 55 | 22.1 | 17.9 | 26.9 |
| 61 | 23.4 | 18.6 | 28.0 |



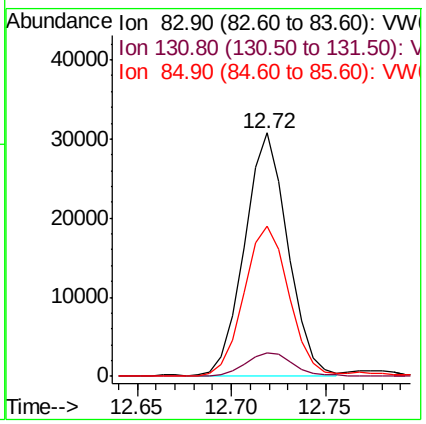


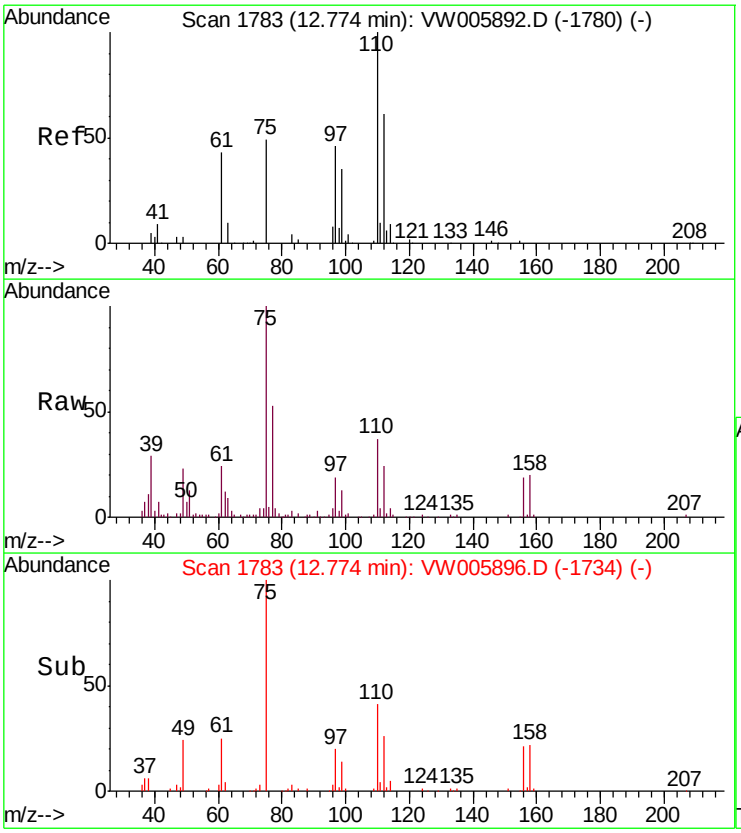

#75
1,1,2,2-Tetrachloroethane
Concen: 17.845 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 83 Resp: 48709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.1 | 5.8 | 17.3 |
| 85 | 64.5 | 32.4 | 97.0 |

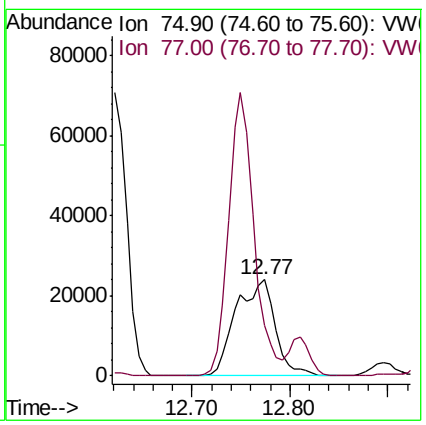


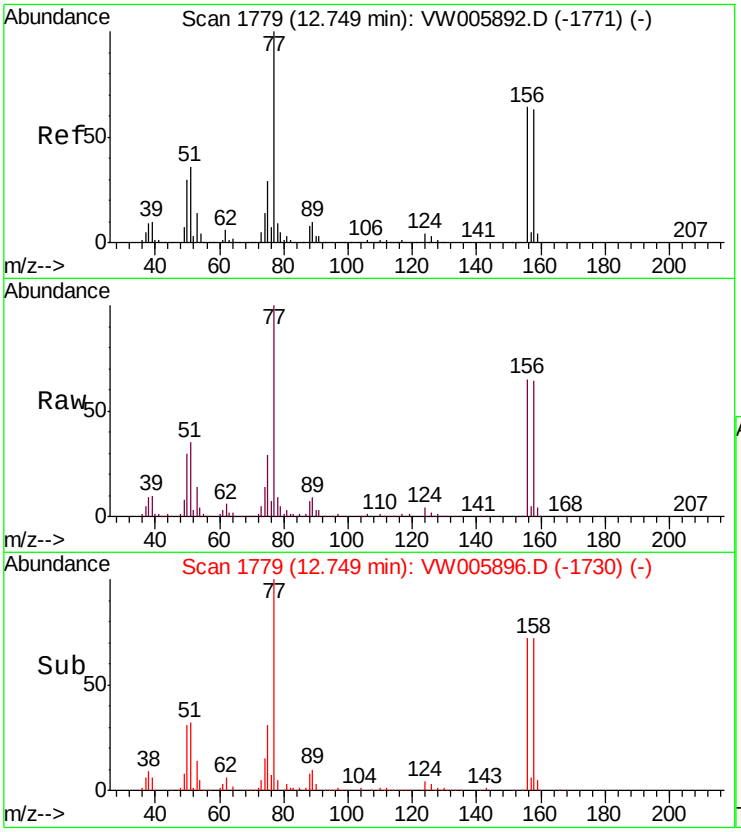




#76
1,2,3-Trichloropropane
Concen: 32.886 ug/l
RT: 12.77 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 75 Resp: 66986

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



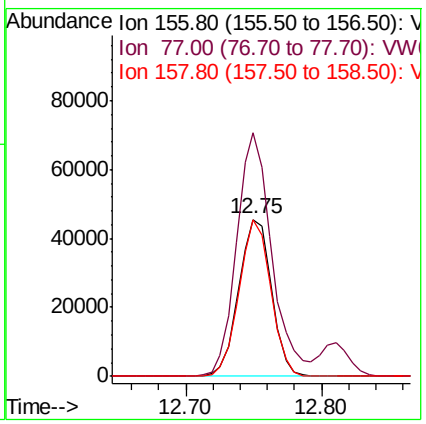


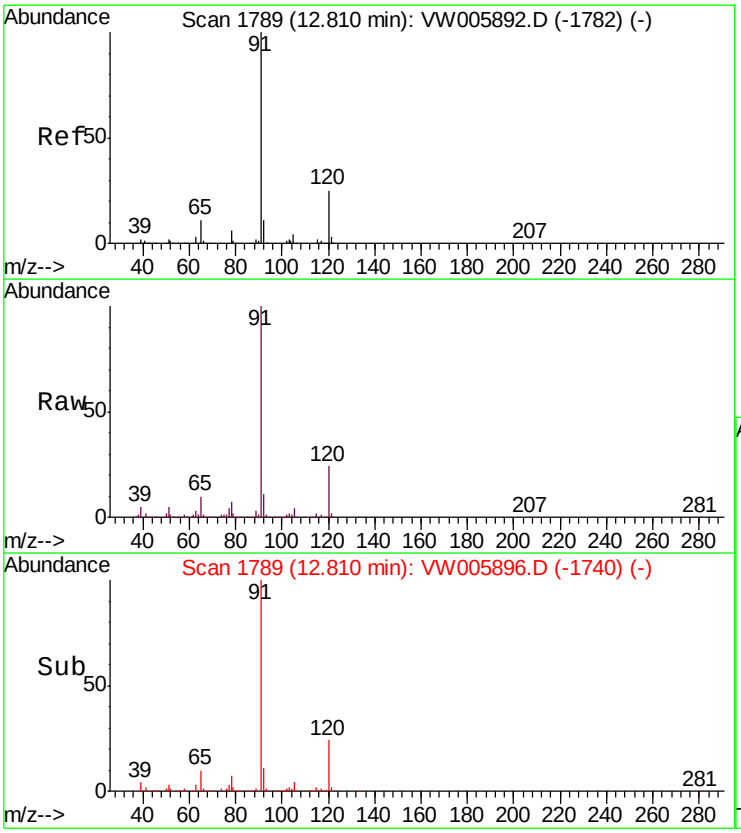

#77
Bromobenzene
Concen: 19.415 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:156 Resp: 76601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 166.0 | 85.8 | 257.4 |
| 158 | 96.7 | 49.1 | 147.4 |

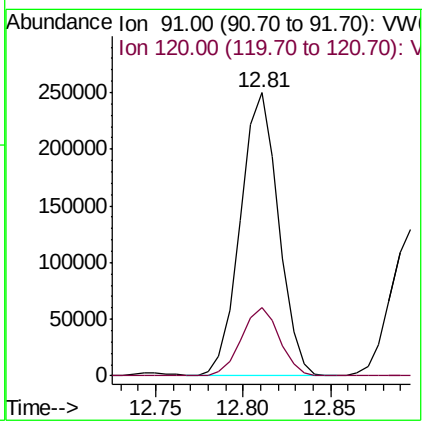


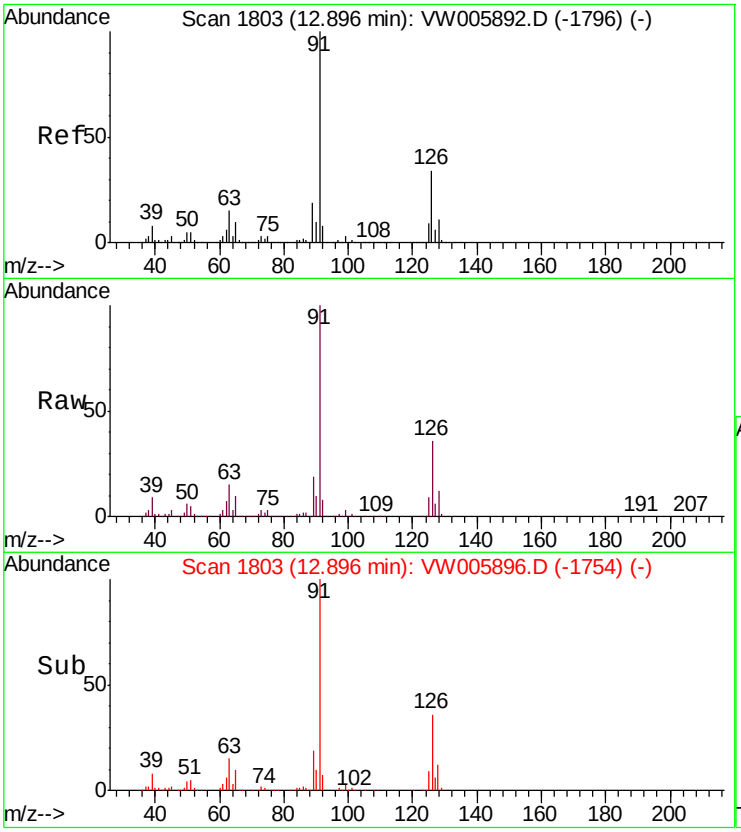




#78
n-propylbenzene
Concen: 19.309 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 91 Resp: 378260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.0 | 12.0 | 36.0 |



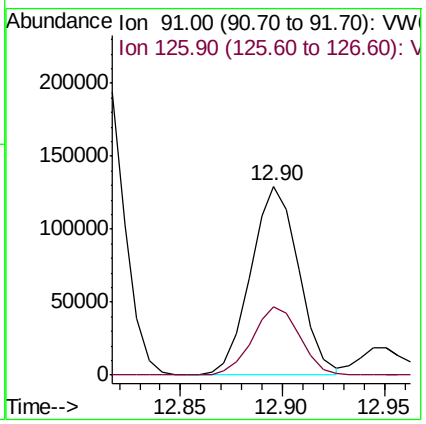


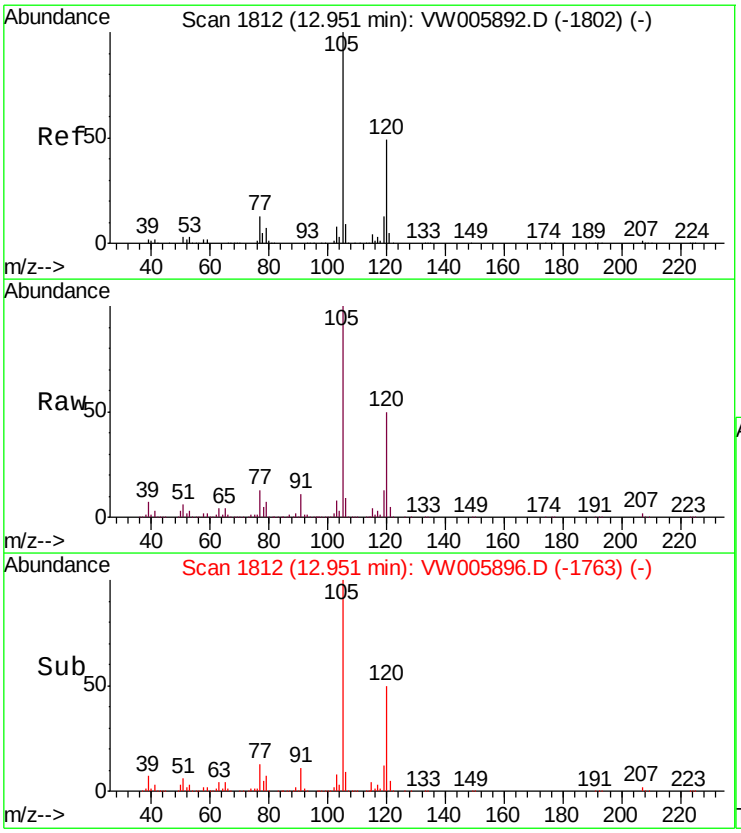

#79
2-Chlorotoluene
Concen: 19.029 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 91 Resp: 210434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.0 | 17.5 | 52.5 |

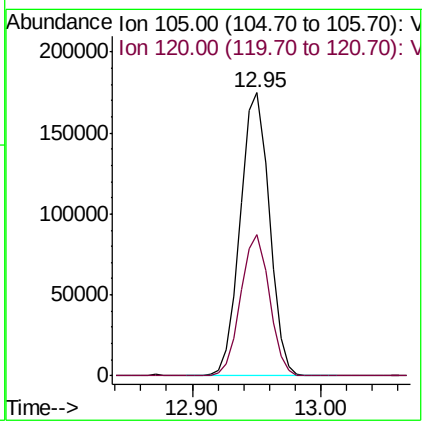


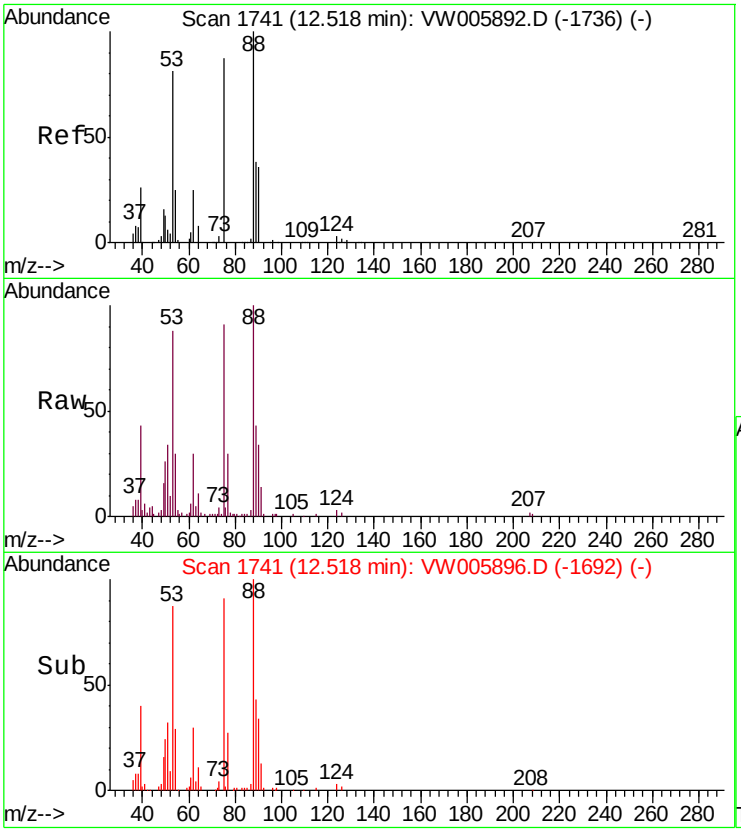




#80
1,3,5-Trimethylbenzene
Concen: 19.360 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:105 Resp: 272191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.3 | 24.6 | 73.8 |



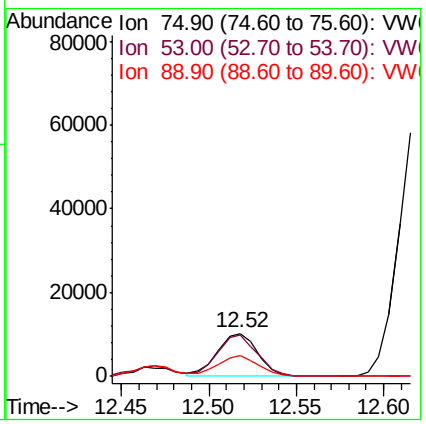


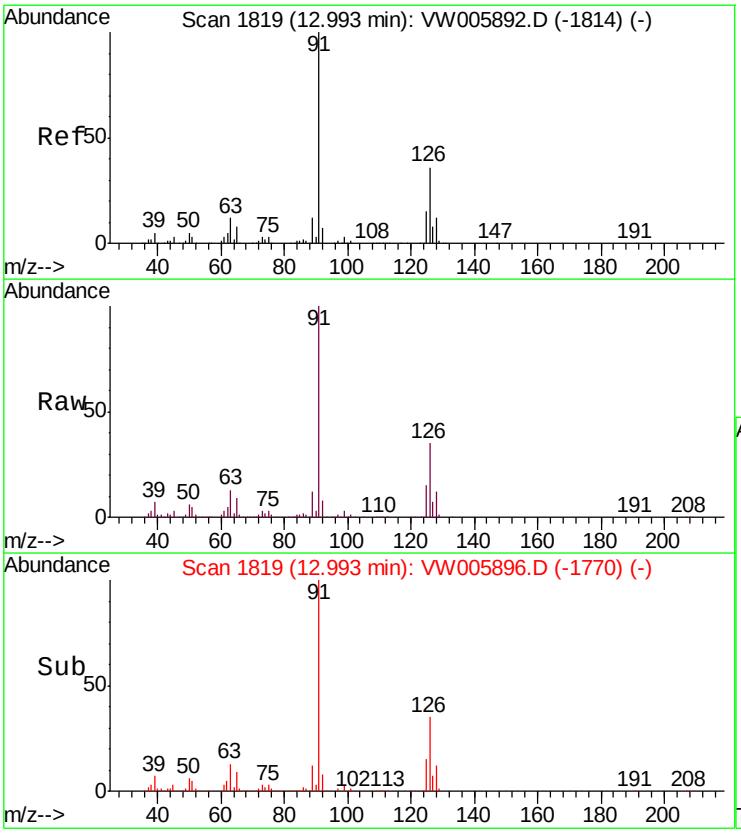

#81
trans-1,4-Dichloro-2-butene
Concen: 16.824 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 75 Resp: 16233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.1 | 76.5 | 114.7 |
| 89 | 47.0 | 37.6 | 56.4 |

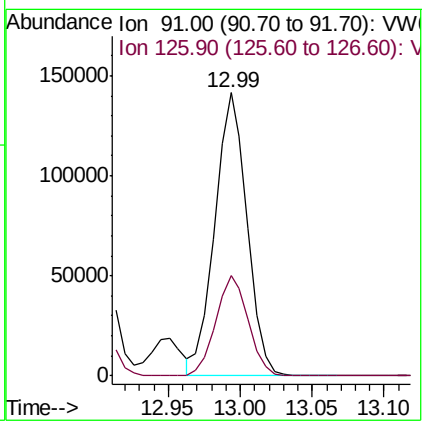


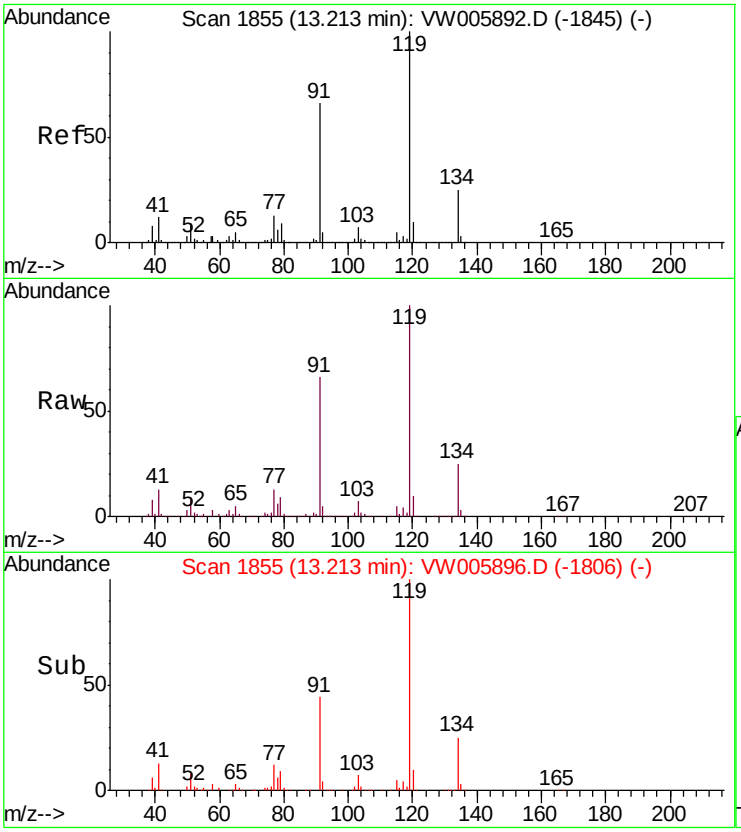




#82
4-Chlorotoluene
Concen: 18.955 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 91 Resp: 220536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.6 | 17.4 | 52.2 |



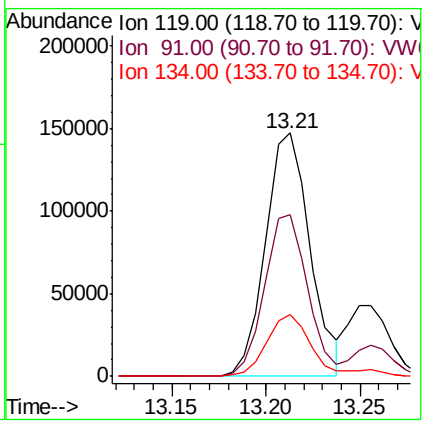


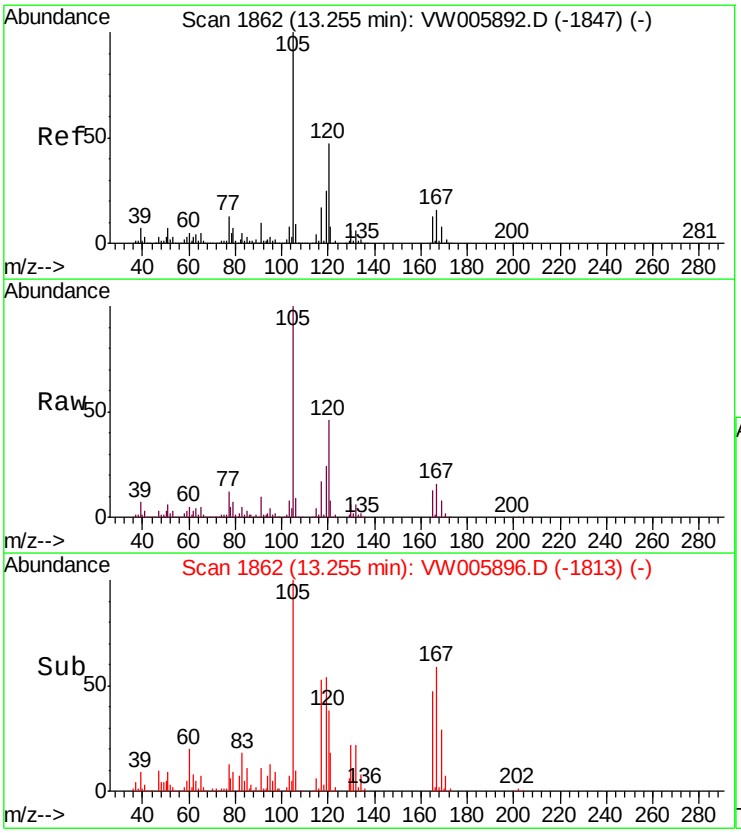

#83
tert-Butylbenzene
Concen: 19.371 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:119 Resp: 242231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.5 | 32.4 | 97.0 |
| 134 | 26.4 | 13.2 | 39.6 |

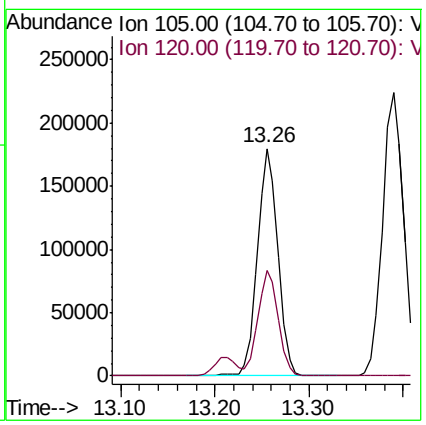


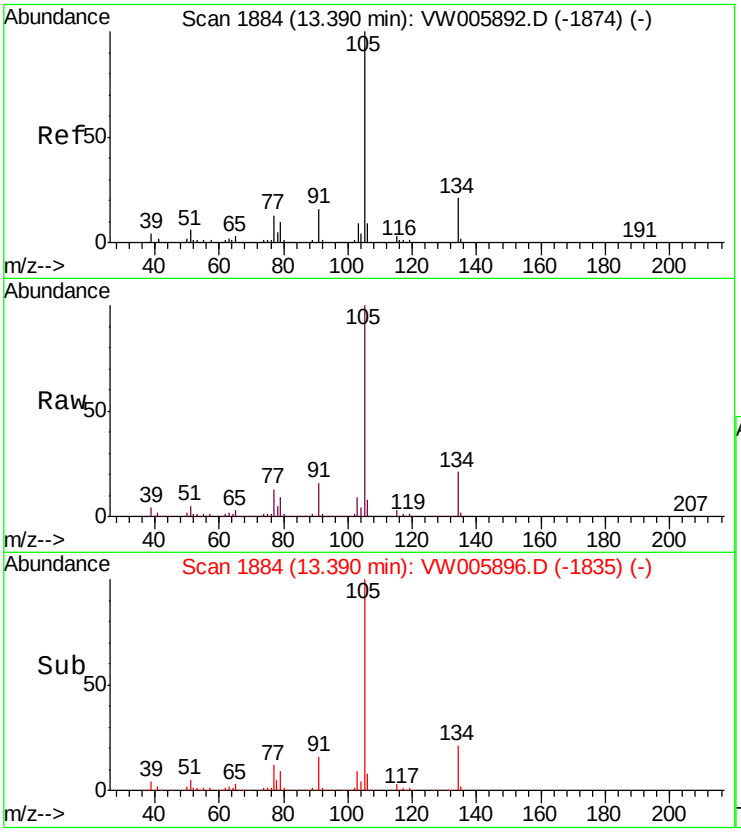




#84
1,2,4-Trimethylbenzene
Concen: 19.469 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:105 Resp: 276104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.6 | 22.8 | 68.3 |



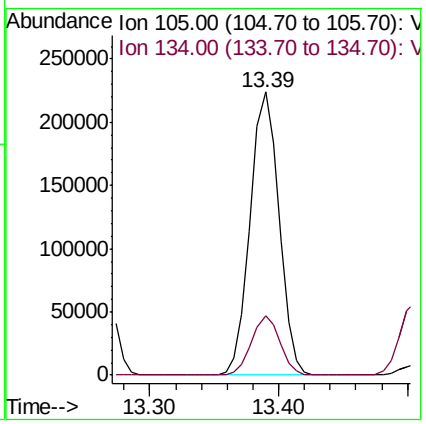


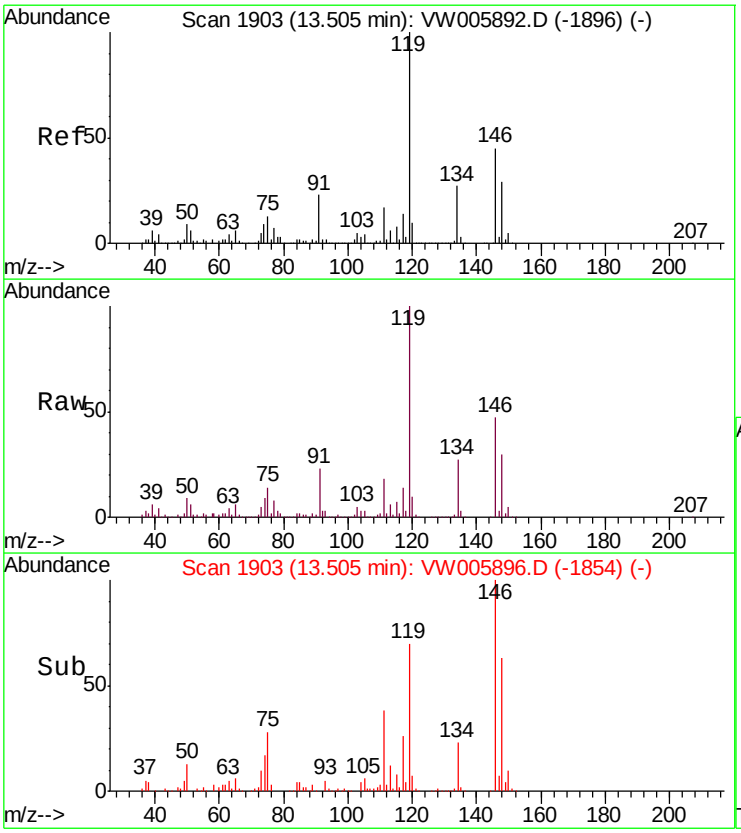

#85
sec-Butylbenzene
Concen: 19.694 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion:105 Resp: 345683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.7 | 10.4 | 31.4 |

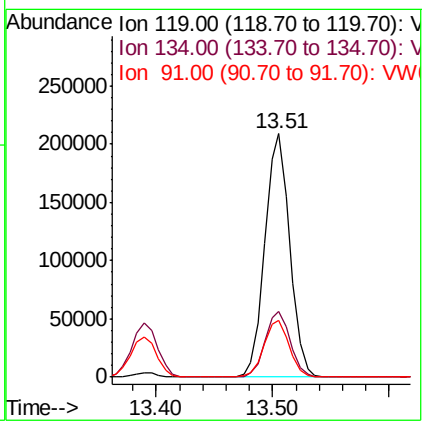


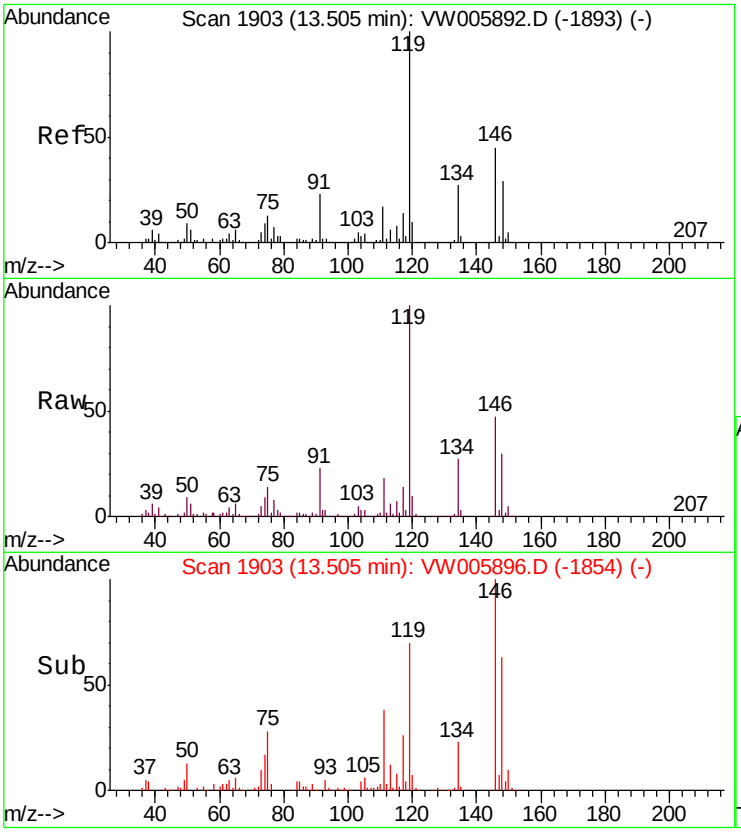




#86
p-Isopropyltoluene
Concen: 19.605 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:119 Resp: 309470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.2 | 13.5 | 40.5 |
| 91 | 23.6 | 11.9 | 35.5 |



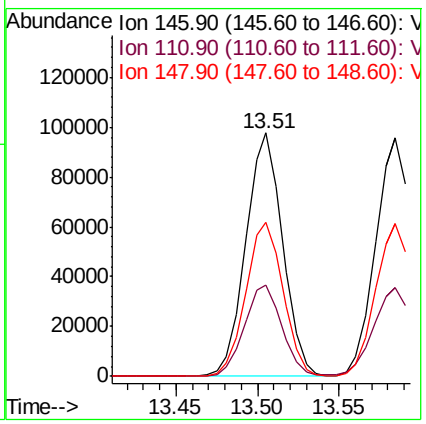


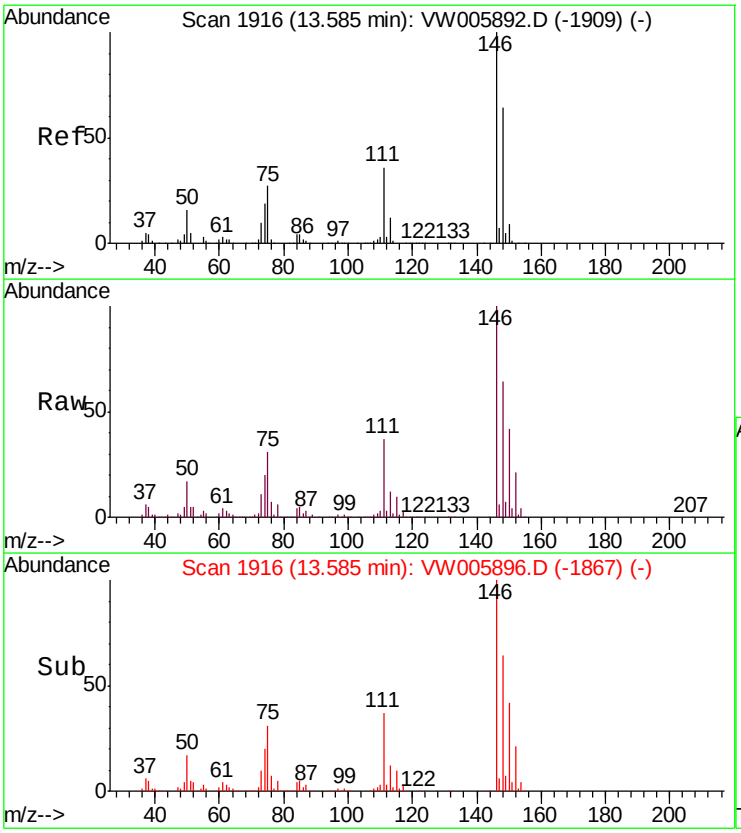

#87
1,3-Dichlorobenzene
Concen: 19.548 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:146 Resp: 153226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.2 | 19.5 | 58.5 |
| 148 | 64.0 | 32.1 | 96.5 |

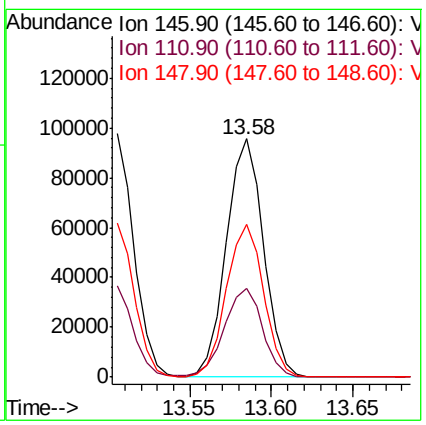


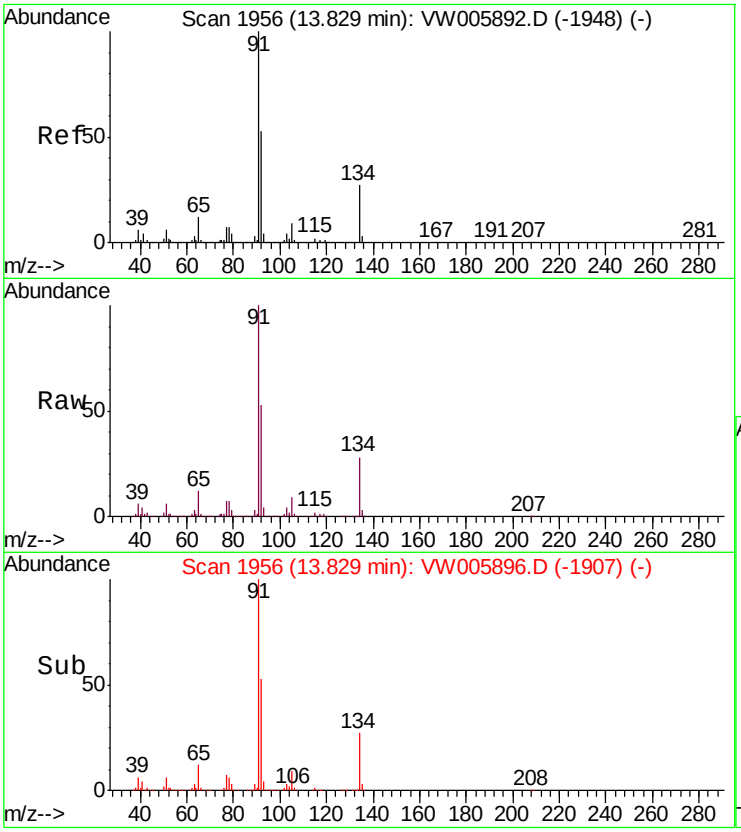




#88
1,4-Dichlorobenzene
Concen: 19.503 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:146 Resp: 151910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 19.0 | 57.0 |
| 148 | 64.4 | 32.0 | 96.2 |



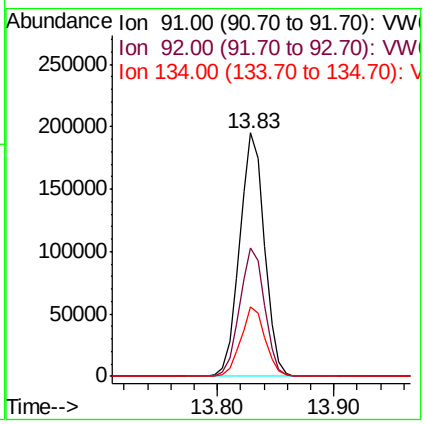


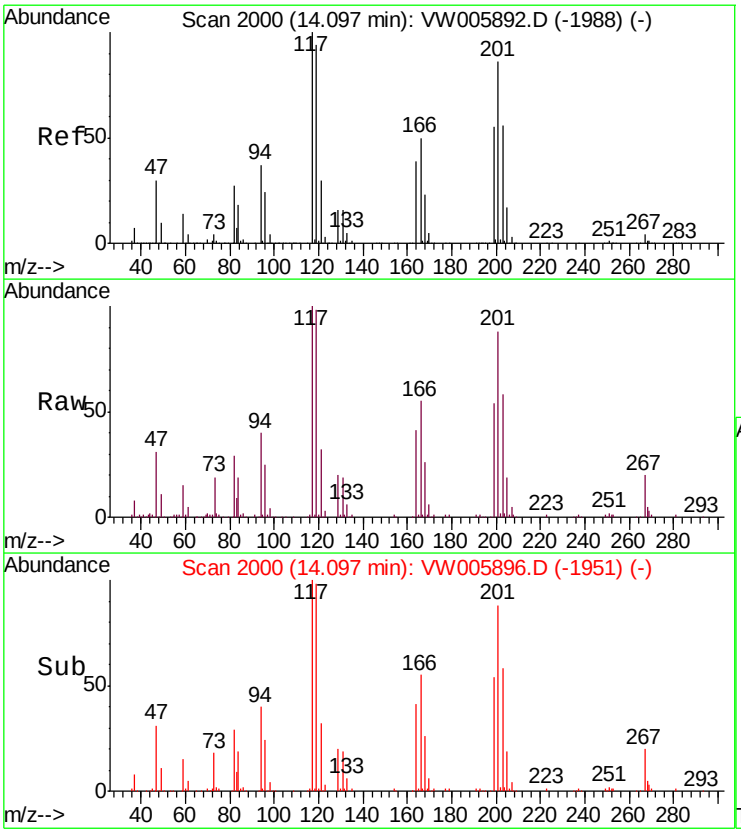

#89
n-Butylbenzene
Concen: 19.448 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :** MSVOA_W
**ClientSampleId :** VW1008SBS01

Tgt Ion: 91 Resp: 289368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.0 | 26.6 | 79.8 |
| 134 | 27.9 | 13.8 | 41.4 |

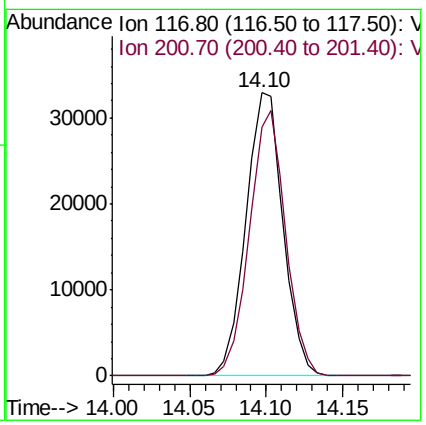


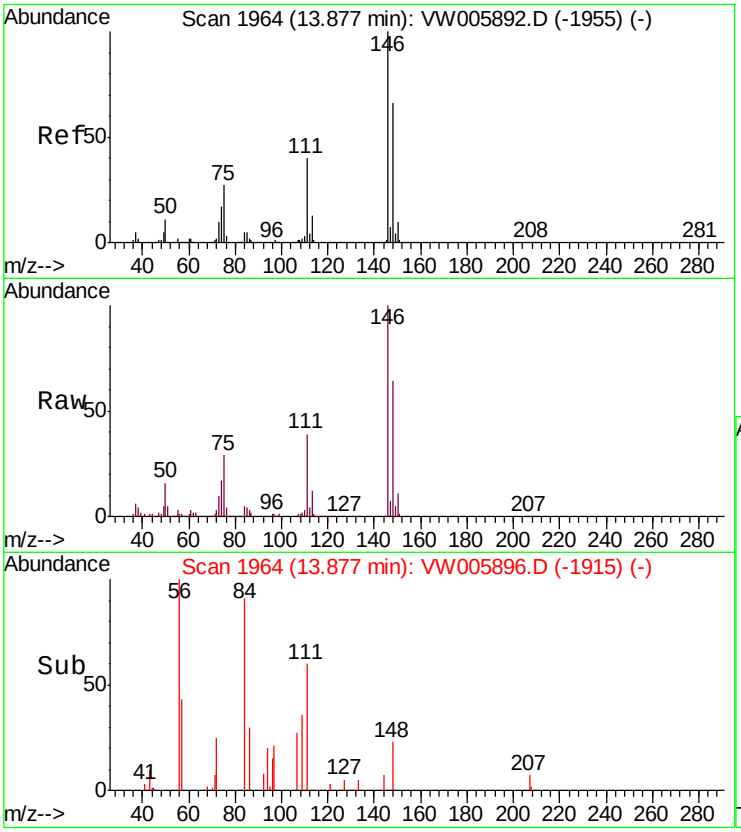




#90
Hexachloroethane
Concen: 18.731 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:117 Resp: 55609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 91.1 | 44.5 | 133.5 |



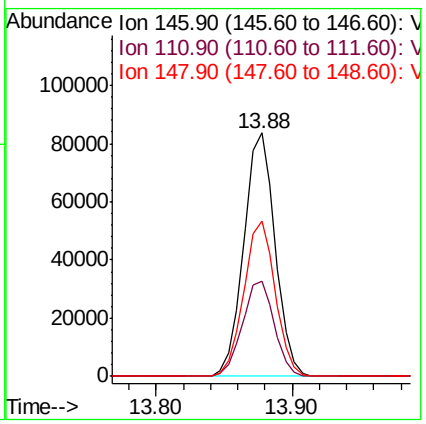


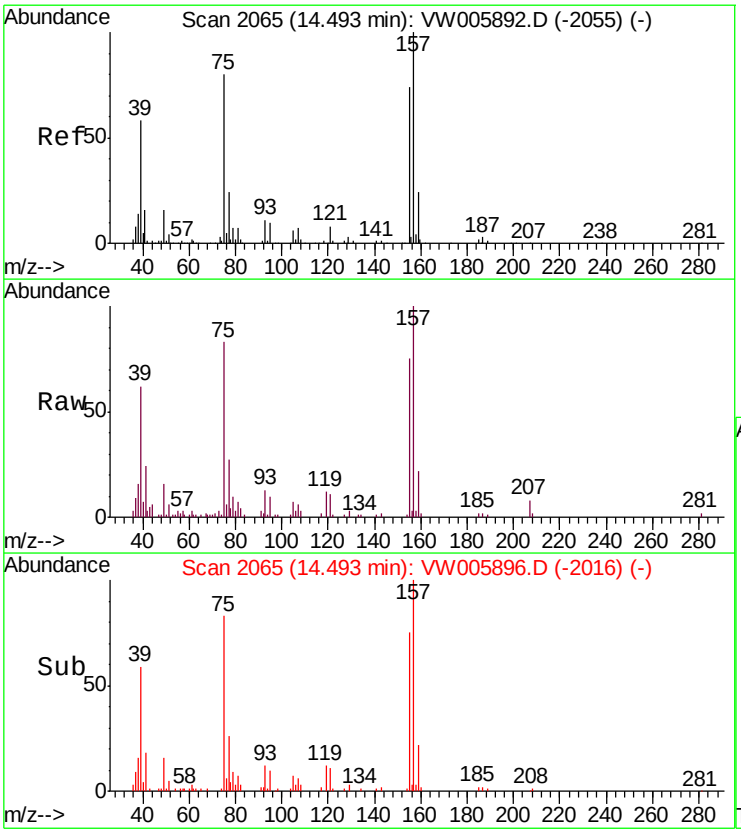

#91
1,2-Dichlorobenzene
Concen: 19.426 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:146 Resp: 135186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.7 | 20.3 | 61.0 |
| 148 | 64.0 | 32.5 | 97.4 |

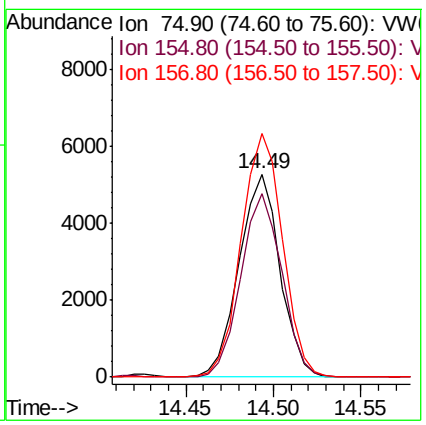


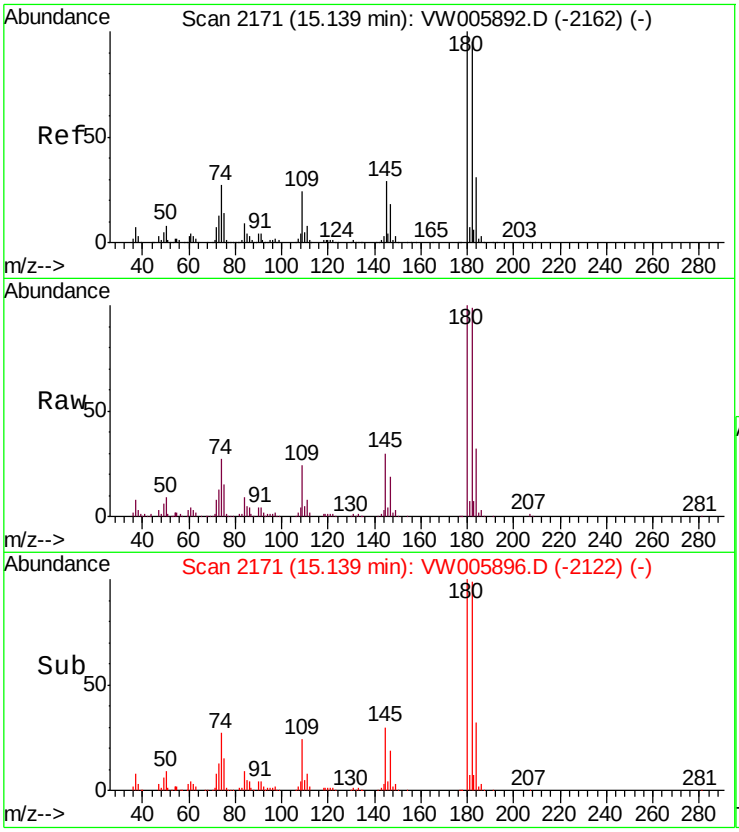




#92
1,2-Dibromo-3-Chloropropane
Concen: 16.865 ug/l
RT: 14.49 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 75 Resp: 8579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 90.4 | 44.8 | 134.3 |
| 157 | 121.2 | 58.9 | 176.6 |



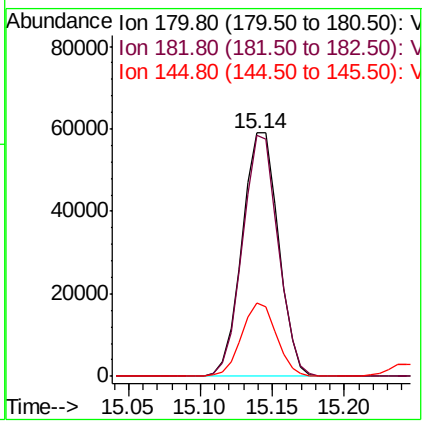


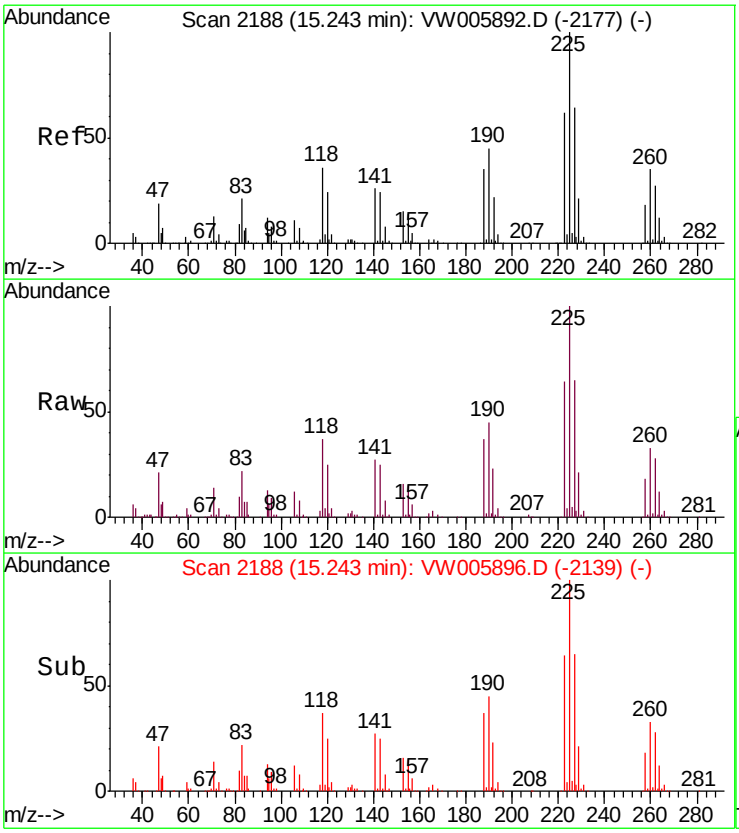

#93
1,2,4-Trichlorobenzene
Concen: 19.104 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:180 Resp: 103082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 47.8 | 143.3 |
| 145 | 29.0 | 14.5 | 43.6 |

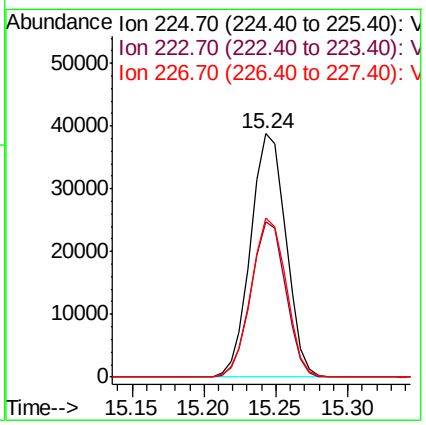


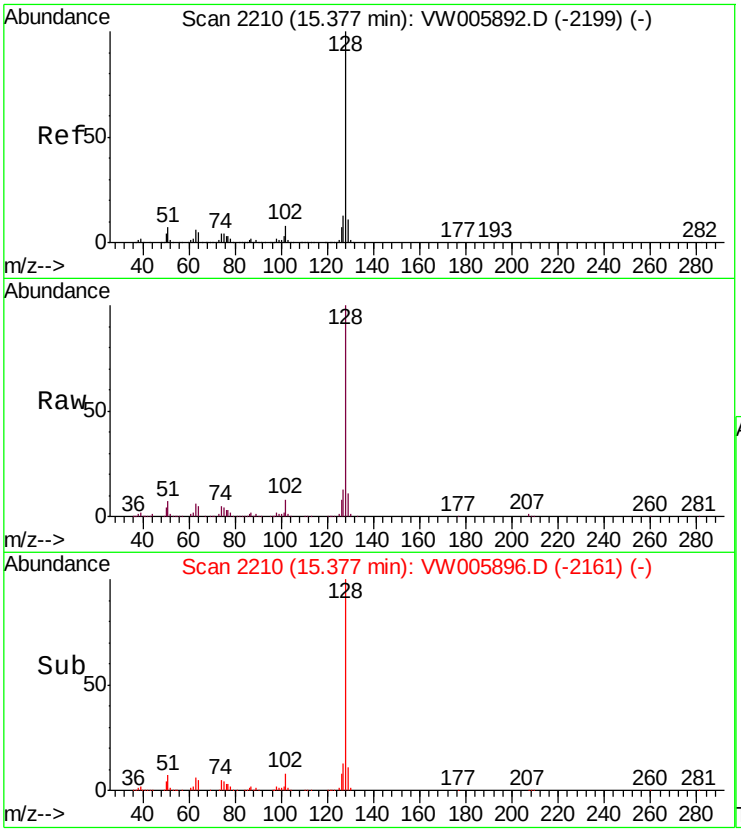




#94
Hexachlorobutadiene
Concen: 19.500 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:225 Resp: 65677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 31.2 | 93.6 |
| 227 | 64.7 | 31.9 | 95.9 |



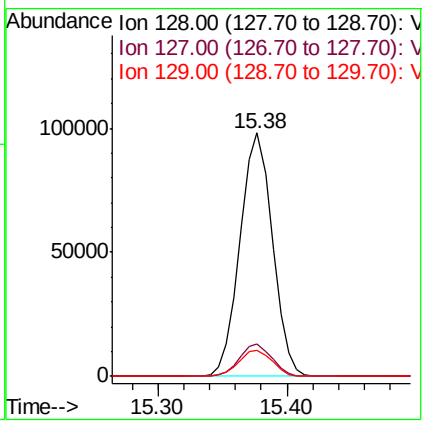


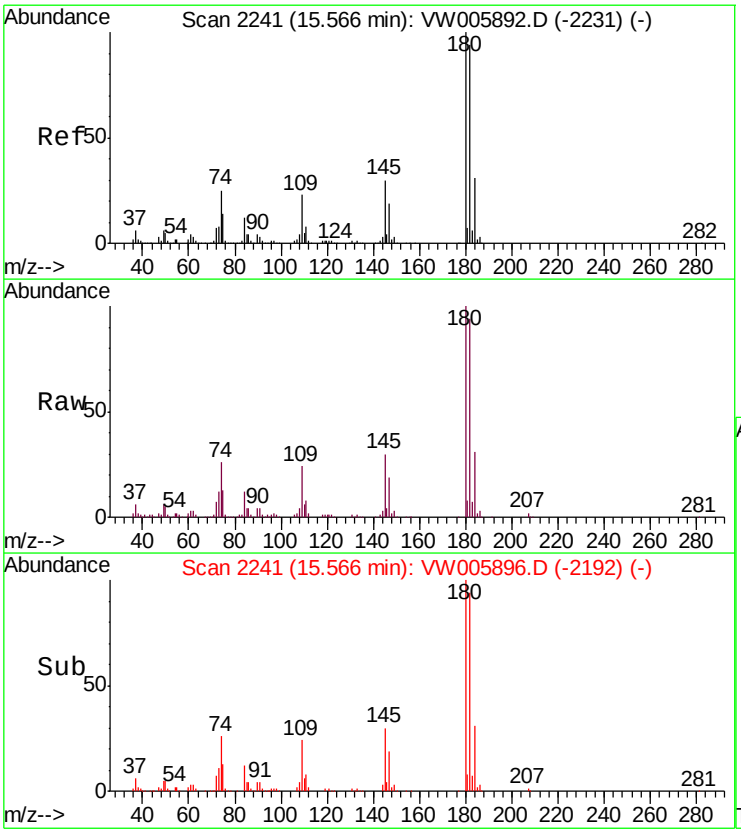

#95
Naphthalene
Concen: 18.413 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

**Instrument :**
MSVOA_W
**ClientSampleId :**
VW1008SBS01

Tgt Ion:128 Resp: 171254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.4 | 10.5 | 15.7 |
| 129 | 11.0 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 19.053 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:180 Resp: 89019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 47.6 | 142.8 |
| 145 | 31.1 | 15.3 | 45.9 |