Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005239.D
Acq On : 10 Sep 2018 14:07
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 11 02:46:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.96 | 168 | 510384 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.85 | 114 | 724157 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 713809 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 391657 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 19479 | 5.12 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 10.24% | | | | |
| 35) Dibromofluoromethane | 7.89 | 113 | 17854 | 4.71 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.42% | | | | |
| 50) Toluene-d8 | 10.33 | 98 | 90488 | 4.72 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.44% | | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 34059 | 4.86 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 9.72% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.00 | 85 | 23360 | 5.306 | ug/l | | 98 |
| 3) Chloromethane | 2.22 | 50 | 30036 | 5.103 | ug/l | | 100 |
| 4) Vinyl Chloride | 2.36 | 62 | 28586 | 5.290 | ug/l | | 98 |
| 5) Bromomethane | 2.77 | 94 | 22045 | 5.996 | ug/l | | 95 |
| 6) Chloroethane | 2.92 | 64 | 15696 | 5.273 | ug/l | | 94 |
| 7) Trichlorofluoromethane | 3.26 | 101 | 31777 | 5.198 | ug/l | | 96 |
| 8) Diethyl Ether | 3.69 | 74 | 10972 | 5.036 | ug/l | | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 23145 | 5.301 | ug/l | | 99 |
| 10) Methyl Iodide | 4.28 | 142 | 16836 | 3.502 | ug/l | | 96 |
| 11) Tert butyl alcohol | 5.17 | 59 | 7763 | 24.867 | ug/l | # | 73 |
| 12) 1,1-Dichloroethene | 4.05 | 96 | 20025 | 4.981 | ug/l | | 98 |
| 13) Acrolein | 3.90 | 56 | 7374 | 24.453 | ug/l | | 100 |
| 14) Allyl chloride | 4.68 | 41 | 30045 | 4.864 | ug/l | | 97 |
| 15) Acrylonitrile | 5.38 | 53 | 23220 | 23.625 | ug/l | | 100 |
| 16) Acetone | 4.12 | 43 | 17767 | 25.145 | ug/l | | 98 |
| 17) Carbon Disulfide | 4.39 | 76 | 67951 | 4.815 | ug/l | | 98 |
| 18) Methyl Acetate | 4.68 | 43 | 10109 | 4.793 | ug/l | | 100 |
| 19) Methyl tert-butyl Ether | 5.44 | 73 | 46072 | 4.811 | ug/l | | 97 |
| 20) Methylene Chloride | 4.92 | 84 | 38240 | 6.385 | ug/l | | 94 |
| 21) trans-1,2-Dichloroethene | 5.44 | 96 | 23841 | 5.079 | ug/l | | 94 |
| 22) Diisopropyl ether | 6.32 | 45 | 57010 | 4.584 | ug/l | | 95 |
| 23) Vinyl Acetate | 6.27 | 43 | 158404 | 22.855 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 6.23 | 63 | 38301 | 5.003 | ug/l | | 99 |
| 25) 2-Butanone | 7.18 | 43 | 27100 | 24.315 | ug/l | | 99 |
| 26) 2,2-Dichloropropane | 7.18 | 77 | 35214 | 5.305 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 7.18 | 96 | 24885 | 4.953 | ug/l | | 100 |
| 28) Bromochloromethane | 7.52 | 49 | 15570 | 5.513 | ug/l | # | 98 |
| 29) Tetrahydrofuran | 7.54 | 42 | 17420 | 23.193 | ug/l | | 98 |
| 30) Chloroform | 7.68 | 83 | 38445 | 5.004 | ug/l | | 98 |
| 31) Cyclohexane | 7.96 | 56 | 44849 | 5.506 | ug/l | # | 78 |
| 32) 1,1,1-Trichloroethane | 7.88 | 97 | 36084 | 5.199 | ug/l | | 96 |
| 36) 1,1-Dichloropropene | 8.09 | 75 | 33898 | 5.109 | ug/l | | 98 |
| 37) Ethyl Acetate | 7.26 | 43 | 12738 | 5.048 | ug/l | # | 92 |
| 38) Carbon Tetrachloride | 8.07 | 117 | 33161 | 5.336 | ug/l | | 92 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005239.D
Acq On : 10 Sep 2018 14:07
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 11 02:46:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.34 | 83 | 41398 | 4.700 | ug/l | | 99 |
| 40) Benzene | 8.33 | 78 | 97178 | 4.972 | ug/l | | 100 |
| 41) Methacrylonitrile | 7.49 | 41 | 4770 | 3.684 | ug/l | # | 65 |
| 42) 1,2-Dichloroethane | 8.41 | 62 | 24032 | 5.139 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.43 | 43 | 22280 | 4.754 | ug/l | | 97 |
| 44) Trichloroethene | 9.10 | 130 | 27421 | 5.114 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 9.37 | 63 | 22896 | 4.873 | ug/l | | 99 |
| 46) Dibromomethane | 9.46 | 93 | 11799 | 5.131 | ug/l | | 98 |
| 47) Bromodichloromethane | 9.65 | 83 | 27343 | 4.860 | ug/l | | 97 |
| 48) Methyl methacrylate | 9.45 | 41 | 10210 | 4.196 | ug/l | | 93 |
| 49) 1,4-Dioxane | 9.46 | 88 | 3862 | 89.948 | ug/l | # | 94 |
| 51) 4-Methyl-2-Pentanone | 10.21 | 43 | 57453 | 21.786 | ug/l | | 99 |
| 52) Toluene | 10.40 | 92 | 68074 | 4.792 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.61 | 75 | 27489 | 4.521 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 10.08 | 75 | 34078 | 4.681 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.79 | 97 | 18117 | 4.941 | ug/l | | 96 |
| 56) Ethyl methacrylate | 10.65 | 69 | 19259 | 4.143 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 10.94 | 76 | 29823 | 4.898 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.93 | 63 | 45806 | 22.671 | ug/l | | 99 |
| 59) 2-Hexanone | 10.98 | 43 | 39961 | 21.019 | ug/l | | 93 |
| 60) Dibromochloromethane | 11.13 | 129 | 18804 | 4.622 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.24 | 107 | 16223 | 4.825 | ug/l | | 95 |
| 64) Tetrachloroethene | 10.87 | 164 | 26336 | 4.973 | ug/l | | 94 |
| 65) Chlorobenzene | 11.66 | 112 | 77738 | 4.971 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.74 | 131 | 23223 | 4.974 | ug/l | | 97 |
| 67) Ethyl Benzene | 11.74 | 91 | 129050 | 4.739 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.85 | 106 | 103451 | 9.427 | ug/l | | 97 |
| 69) o-Xylene | 12.17 | 106 | 46348 | 4.540 | ug/l | | 99 |
| 70) Styrene | 12.19 | 104 | 73503 | 4.412 | ug/l | | 99 |
| 71) Bromoform | 12.35 | 173 | 11678 | 4.613 | ug/l | # | 98 |
| 73) Isopropylbenzene | 12.47 | 105 | 127793 | 4.618 | ug/l | | 99 |
| 74) N-amyl acetate | 12.28 | 43 | 22299 | 4.235 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 12.72 | 83 | 19466 | 4.681 | ug/l | | 95 |
| 76) 1,2,3-Trichloropropane | 12.77 | 75 | 26146 | 5.140 | ug/l | # | 100 |
| 77) Bromobenzene | 12.76 | 156 | 31949 | 4.901 | ug/l | | 98 |
| 78) n-propylbenzene | 12.81 | 91 | 154562 | 4.651 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.90 | 91 | 90491 | 4.748 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.95 | 105 | 105086 | 4.460 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75 | 5571 | 4.337 | ug/l | | 94 |
| 82) 4-Chlorotoluene | 12.99 | 91 | 97159 | 4.850 | ug/l | | 99 |
| 83) tert-Butylbenzene | 13.21 | 119 | 91435 | 4.437 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 106063 | 4.479 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.39 | 105 | 137757 | 4.651 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.51 | 119 | 117370 | 4.476 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 13.51 | 146 | 68407 | 4.997 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.58 | 146 | 68357 | 5.084 | ug/l | | 96 |
| 89) n-Butylbenzene | 13.83 | 91 | 110772 | 4.494 | ug/l | | 99 |
| 90) Hexachloroethane | 14.10 | 117 | 19793 | 4.712 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.88 | 146 | 60377 | 5.018 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75 | 3259 | 4.712 | ug/l | | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005239.D
Acq On : 10 Sep 2018 14:07
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 11 02:46:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180 | 39869 | 4.684 | ug/l | 97 |
| 94) Hexachlorobutadiene | 15.25 | 225 | 27197 | 4.990 | ug/l | 100 |
| 95) Naphthalene | 15.38 | 128 | 57408 | 4.160 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180 | 33592 | 4.587 | ug/l | 97 |

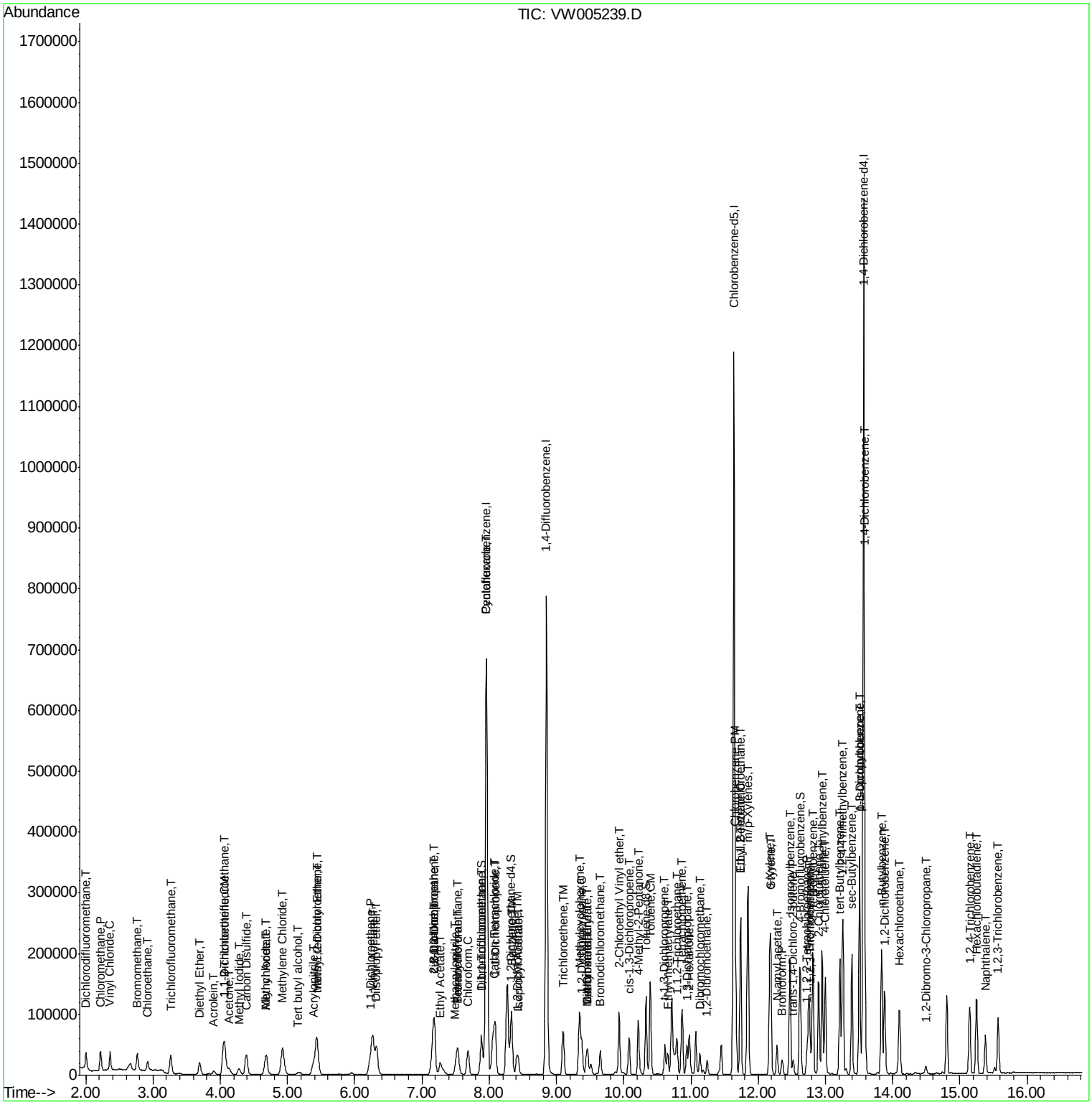
(#) = qualifier out of range (m) = manual integration (+) = signals summed

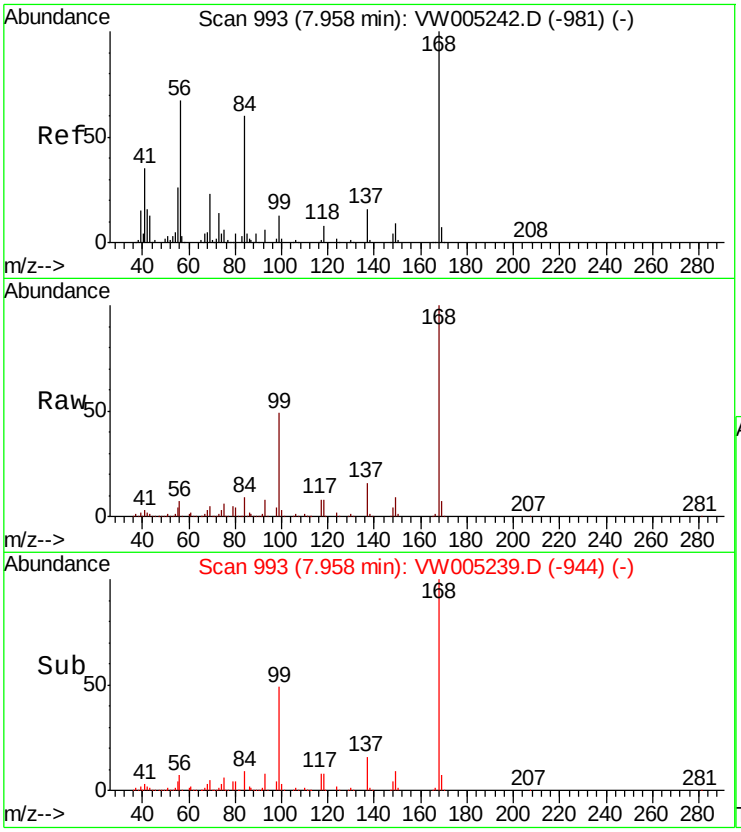
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005239.D
Acq On : 10 Sep 2018 14:07
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 11 02:46:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration



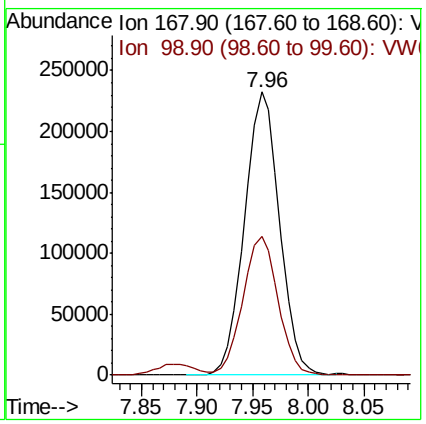


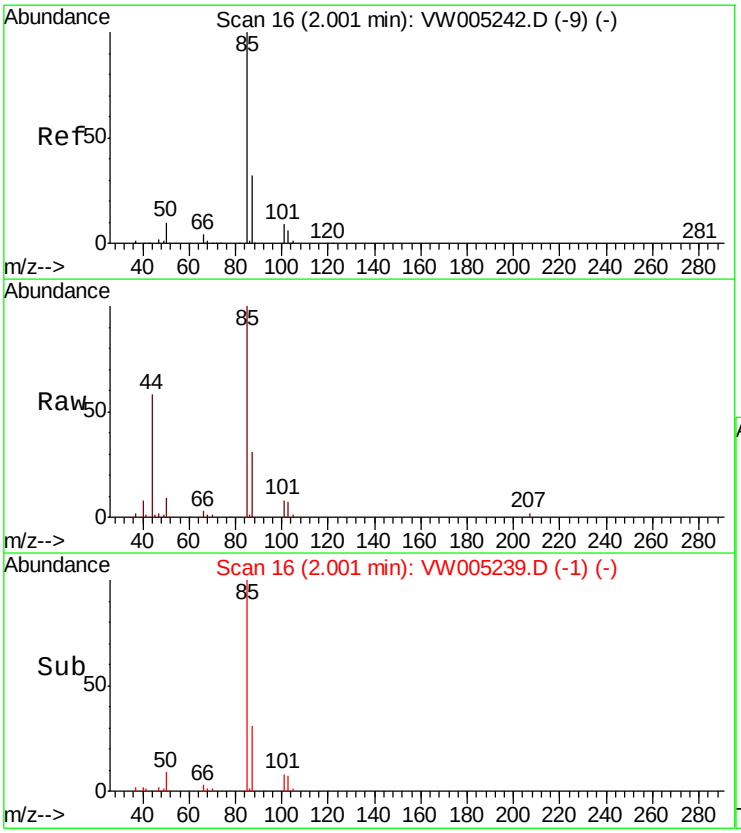

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:168 Resp: 510384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.7 | 39.1 | 58.7 |

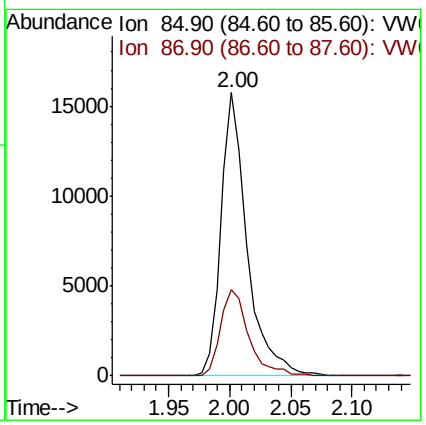


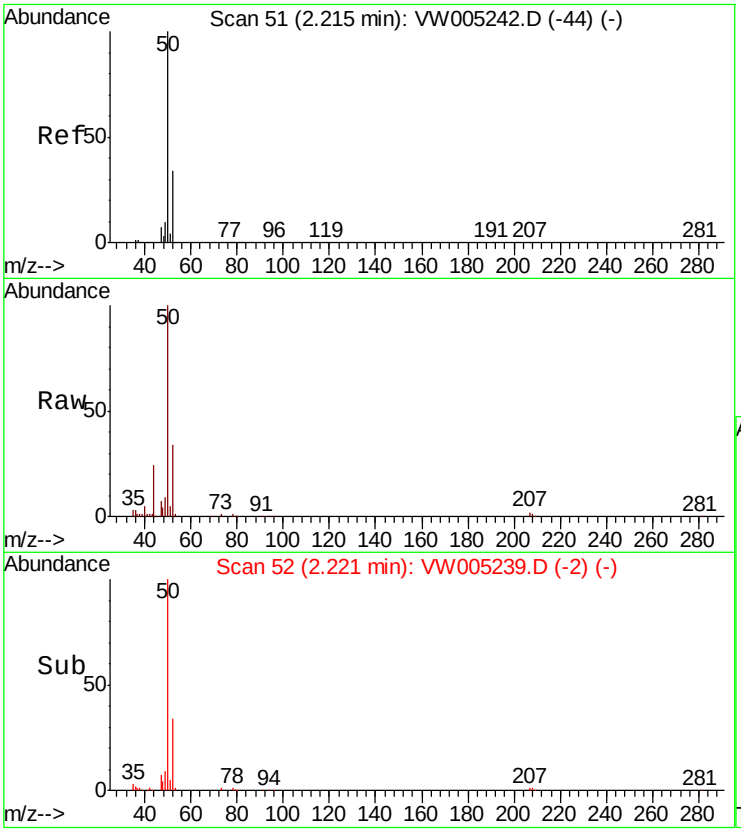




#2
Dichlorodifluoromethane
Concen: 5.306 ug/l
RT: 2.00 min Scan# 16
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 85 Resp: 23360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.6 | 16.0 | 47.9 |



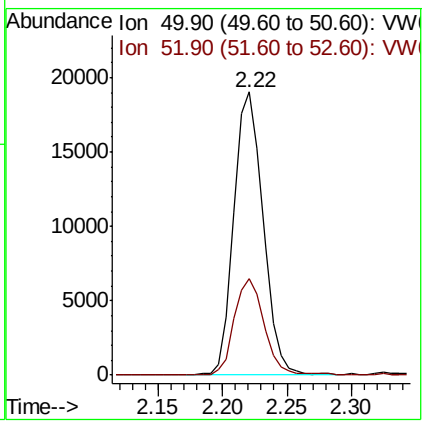


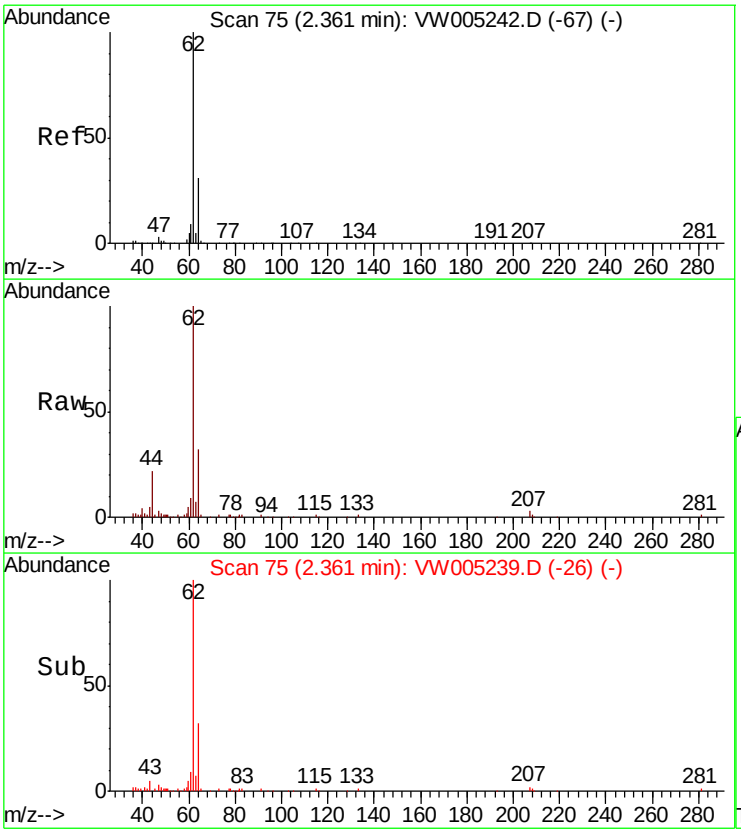

#3
Chloromethane
Concen: 5.103 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 50 Resp: 30036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.0 | 27.0 | 40.4 |

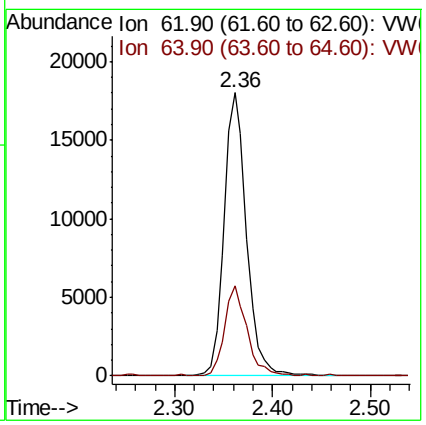


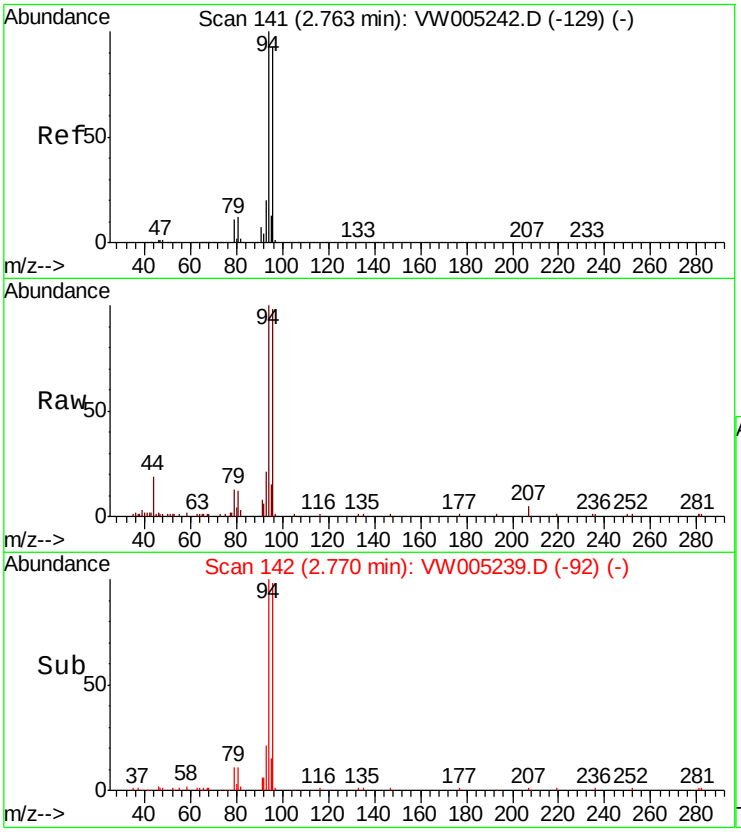




#4
Vinyl Chloride
Concen: 5.290 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 62 Resp: 28586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.7 | 24.6 | 37.0 |



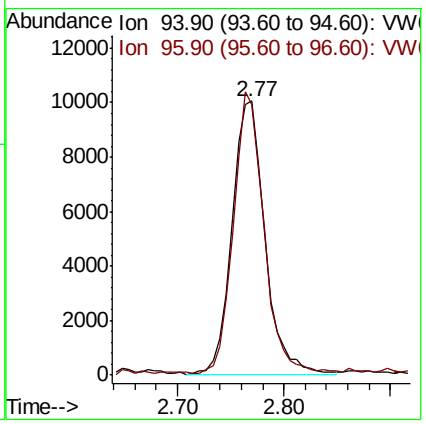


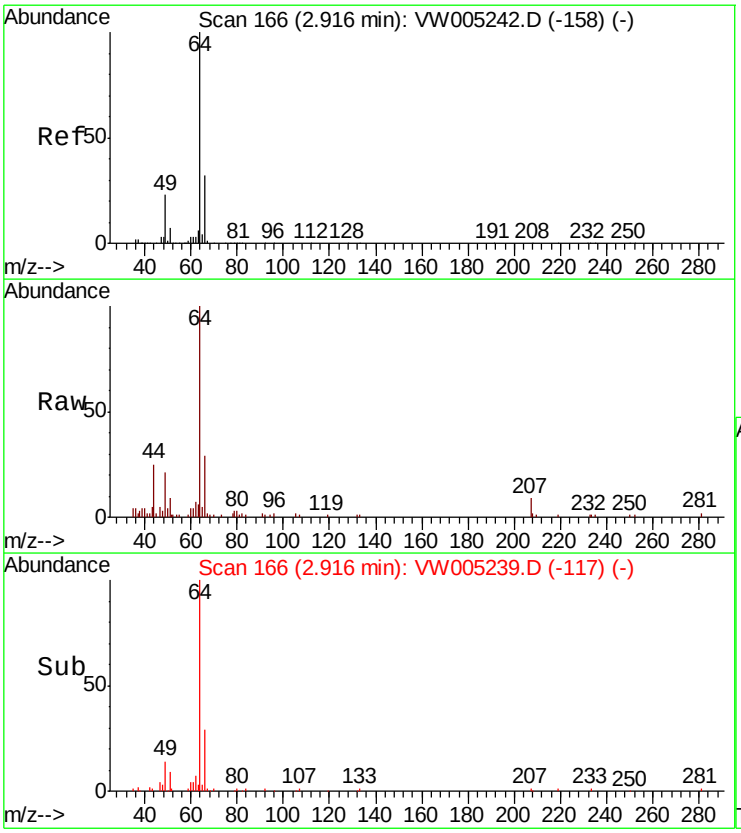

#5
Bromomethane
Concen: 5.996 ug/l
RT: 2.77 min Scan# 142
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 94 Resp: 22045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 97.3 | 74.1 | 111.1 |

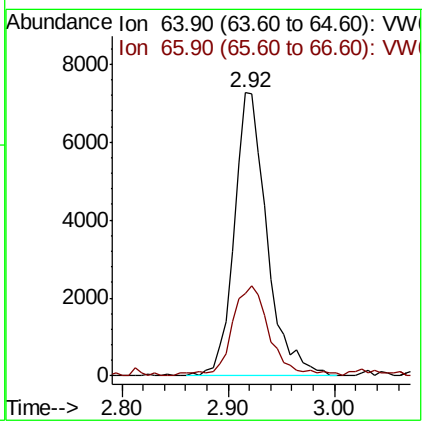


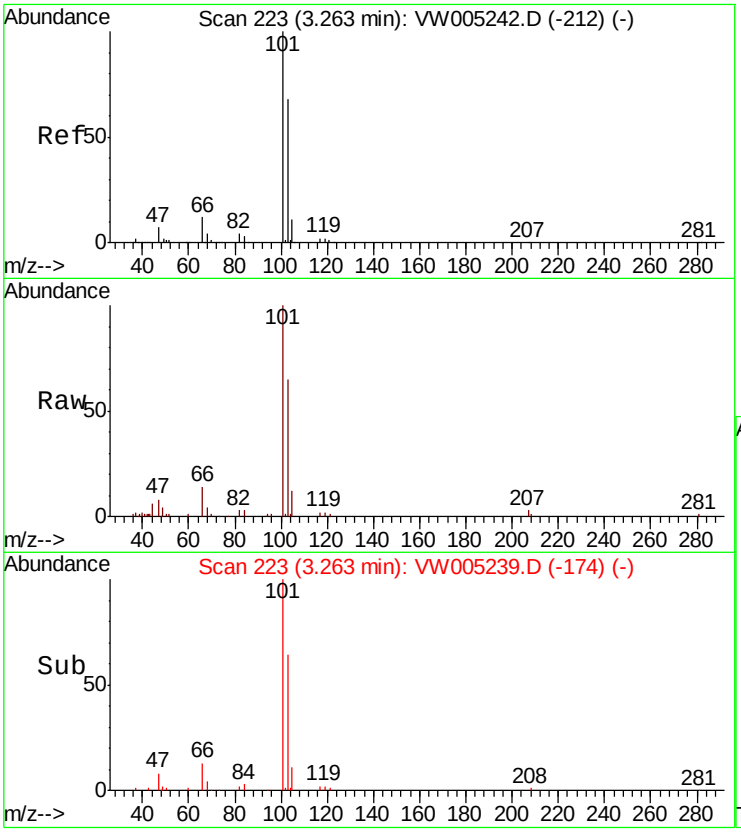




#6
Chloroethane
Concen: 5.273 ug/l
RT: 2.92 min Scan# 166
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 64 Resp: 15696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 28.2 | 25.3 | 37.9 |



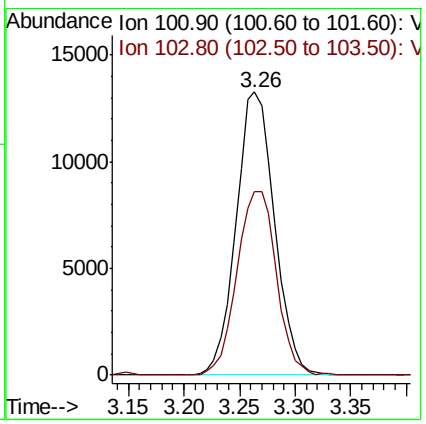


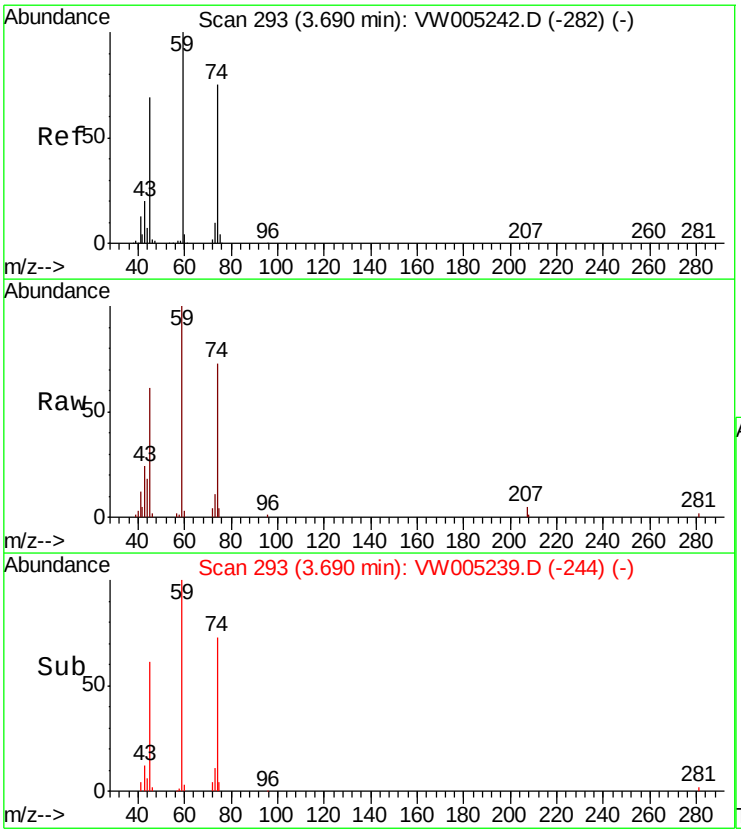

#7
Trichlorofluoromethane
Concen: 5.198 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:101 Resp: 31777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.7 | 54.1 | 81.1 |

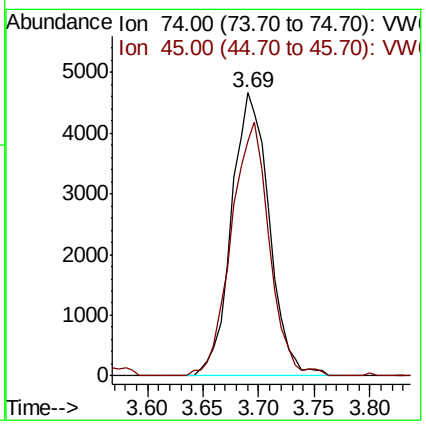


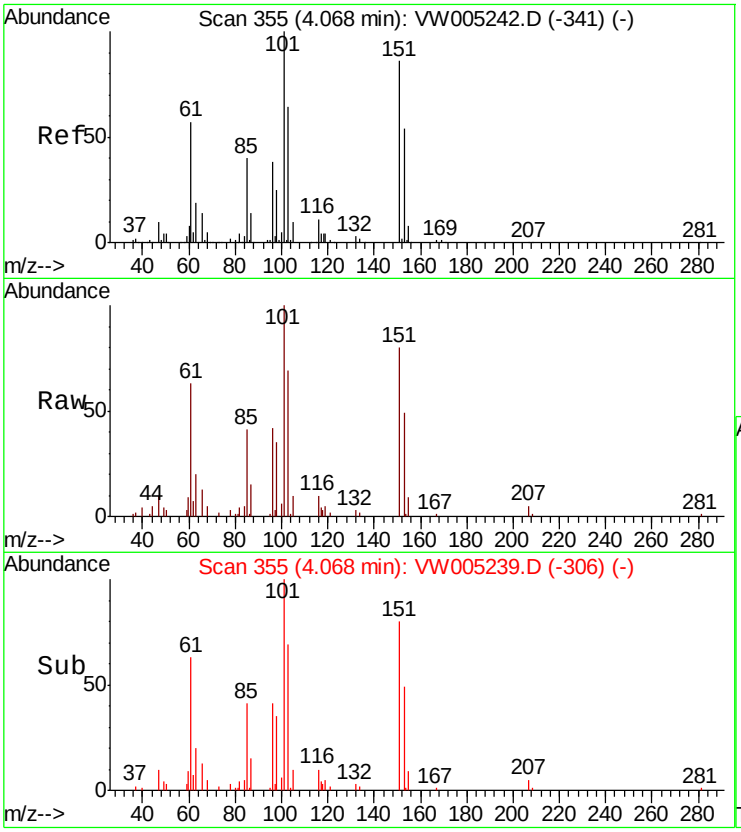




#8
Diethyl Ether
Concen: 5.036 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 74 Resp: 10972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 90.4 | 45.1 | 135.3 |



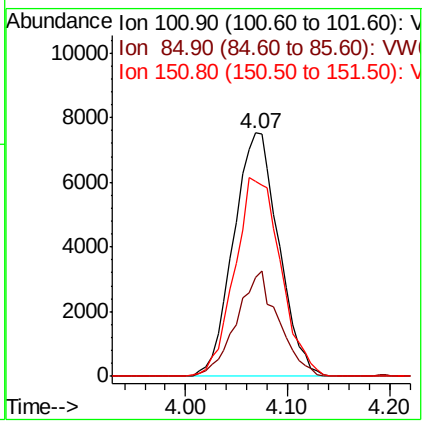


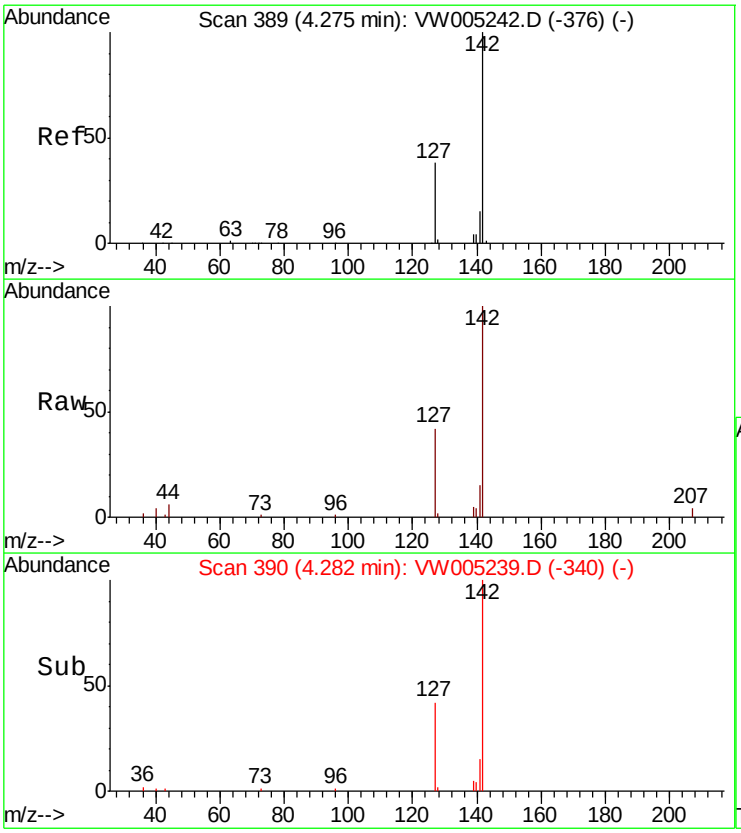

#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.301 ug/l
RT: 4.07 min Scan# 355
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:101 Resp: 23145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 40.2 | 32.7 | 49.1 |
| 151 | 83.1 | 67.6 | 101.4 |

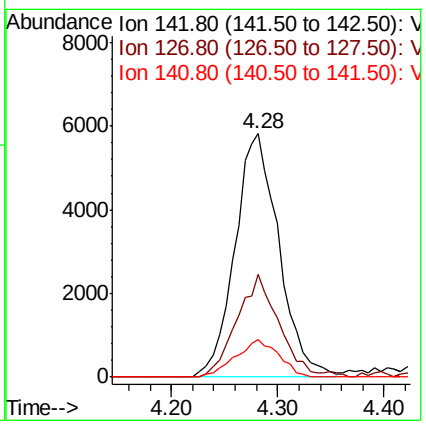


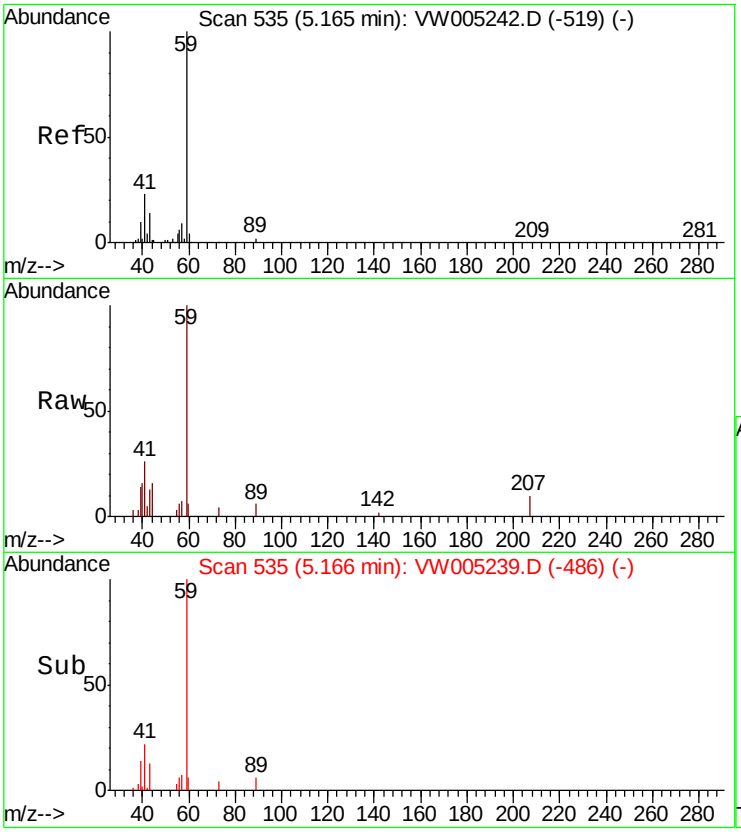




#10
Methyl Iodide
Concen: 3.502 ug/l
RT: 4.28 min Scan# 390
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:142 Resp: 16836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.6 | 30.3 | 45.5 |
| 141 | 15.1 | 11.4 | 17.0 |



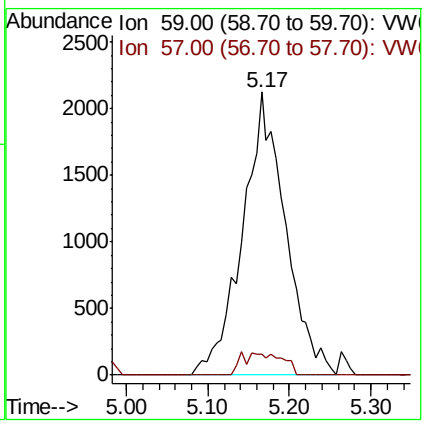


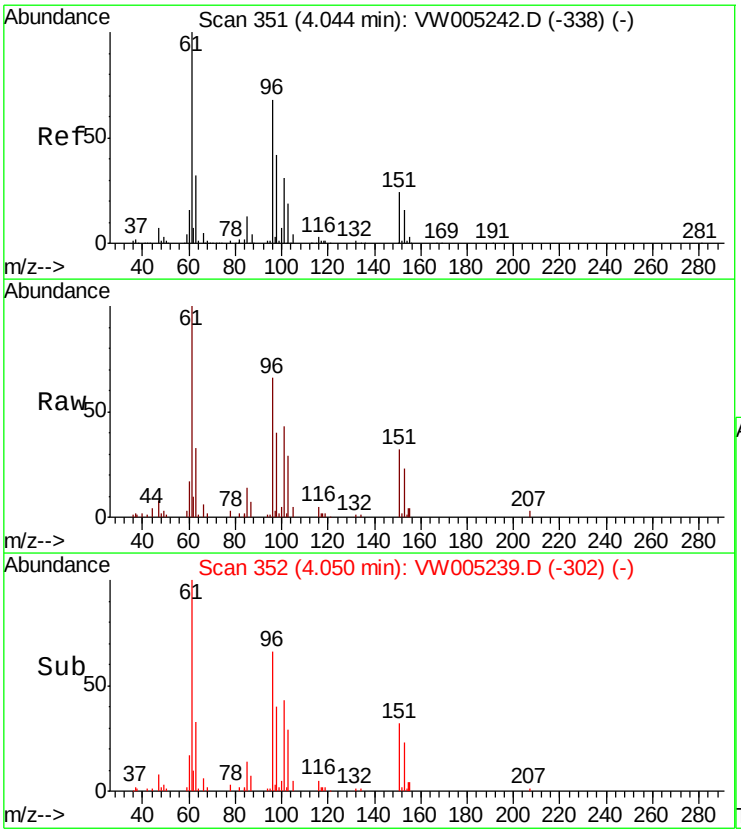

#11
Tert butyl alcohol
Concen: 24.867 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 59 Resp: 7763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.1 | 12.1# |

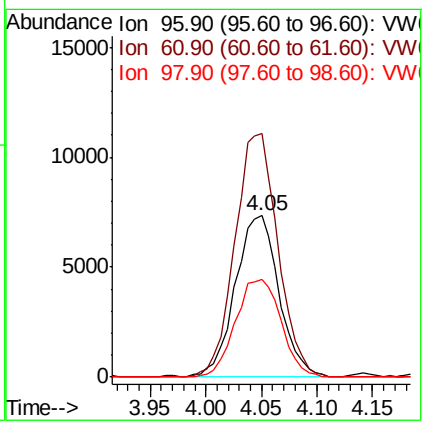


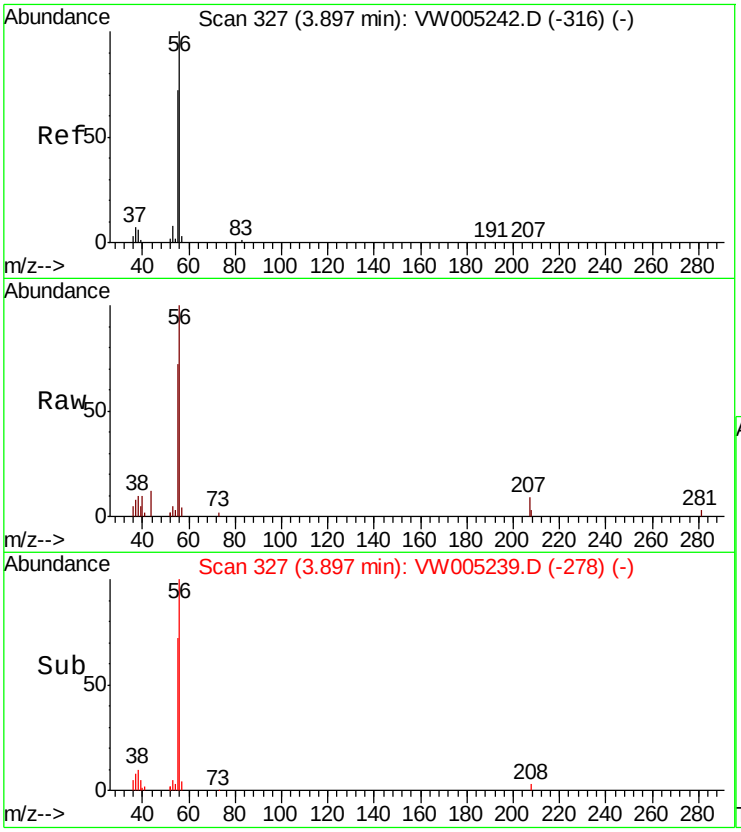




#12
1,1-Dichloroethene
Concen: 4.981 ug/l
RT: 4.05 min Scan# 352
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 96 Resp: 20025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 150.9 | 118.2 | 177.2 |
| 98 | 60.7 | 49.9 | 74.9 |



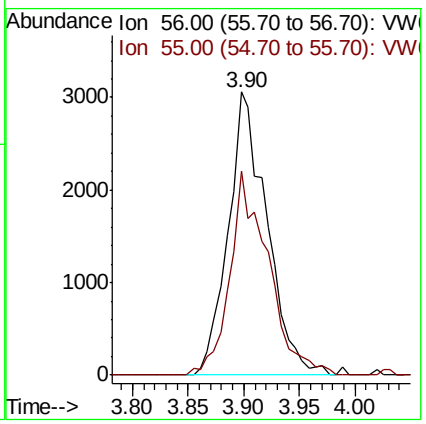


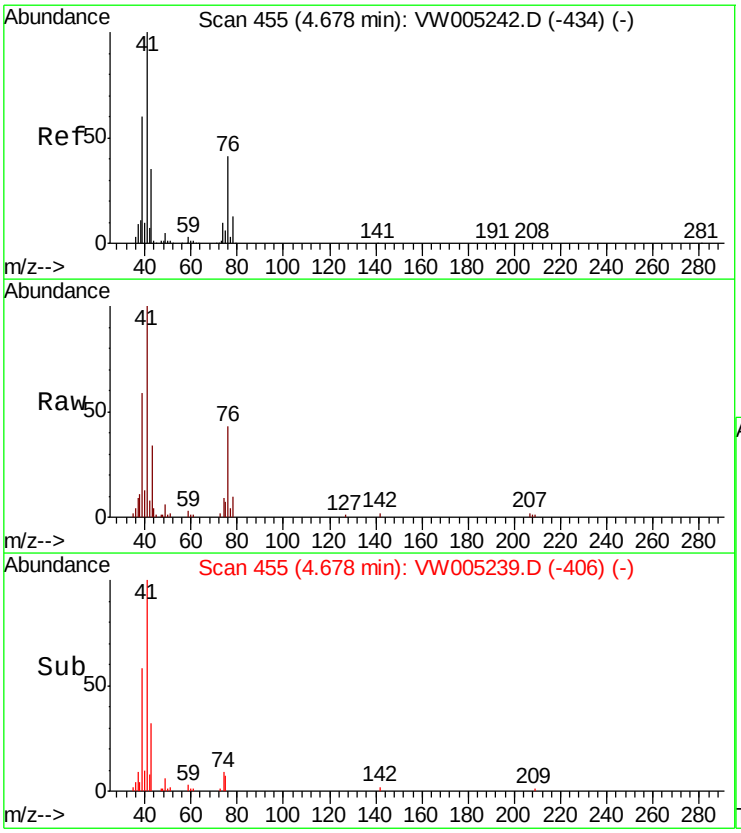

#13
Acrolein
Concen: 24.453 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 56 Resp: 7374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.2 | 56.8 | 85.2 |

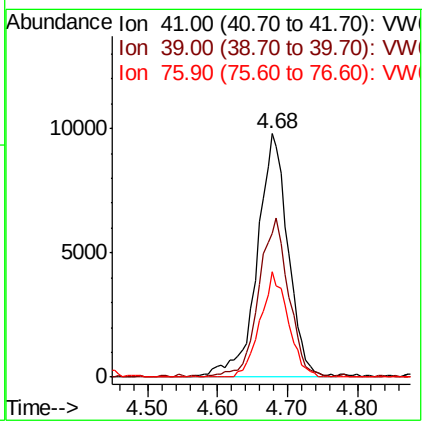


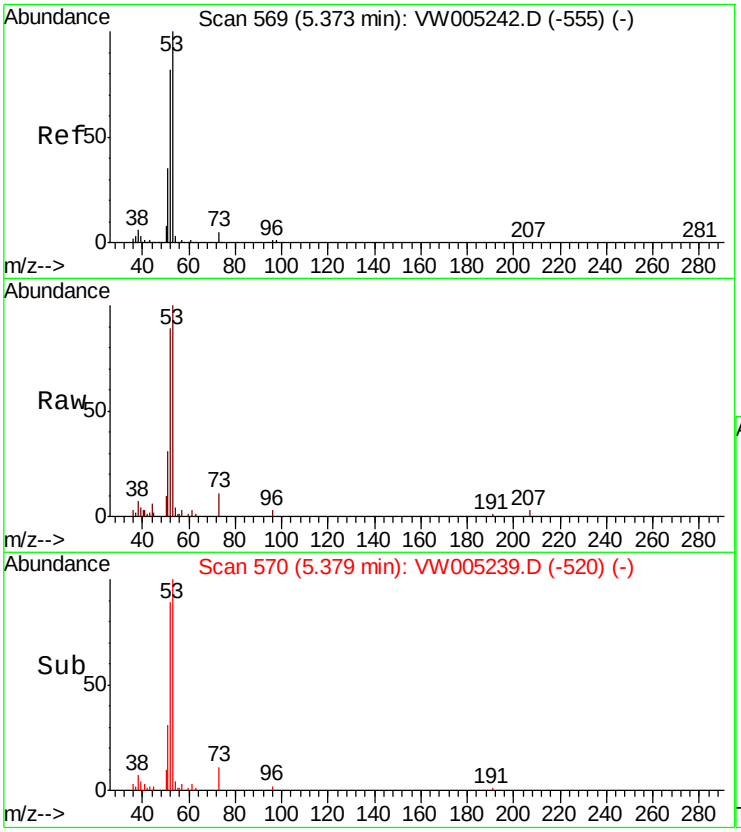




#14
Allyl chloride
Concen: 4.864 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 41 Resp: 30045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 63.5 | 48.2 | 72.4 |
| 76 | 39.0 | 31.7 | 47.5 |



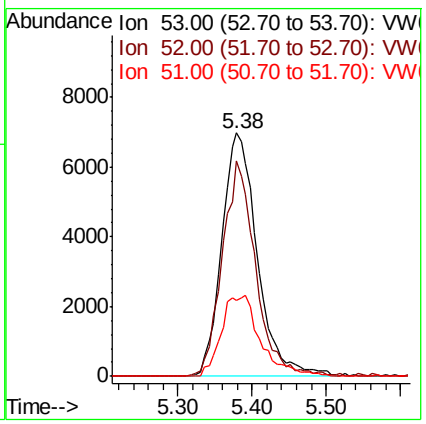


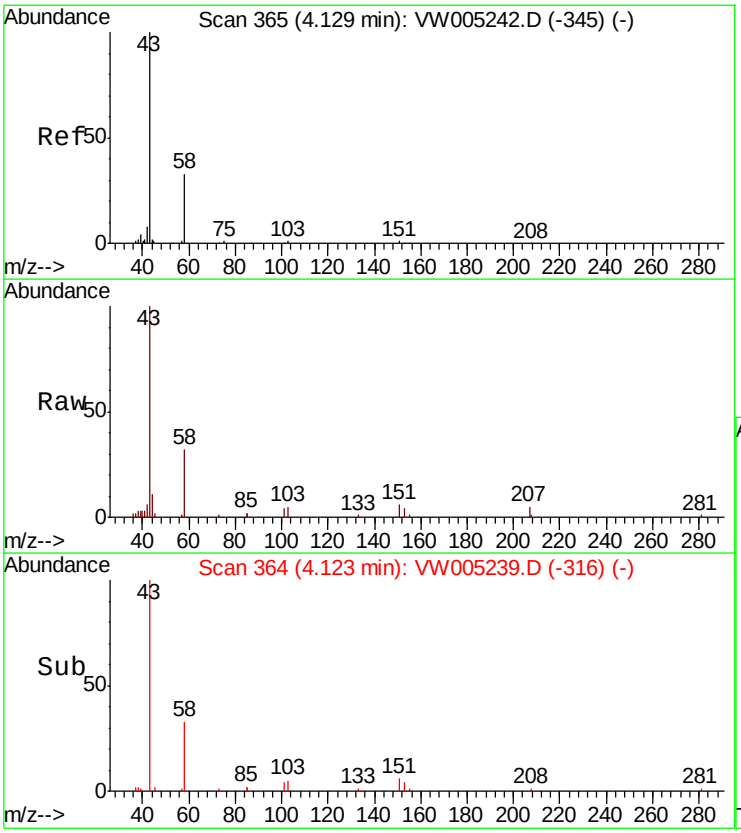

#15
Acrylonitrile
Concen: 23.625 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 53 Resp: 23220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.6 | 66.0 | 99.0 |
| 51 | 36.6 | 28.6 | 43.0 |

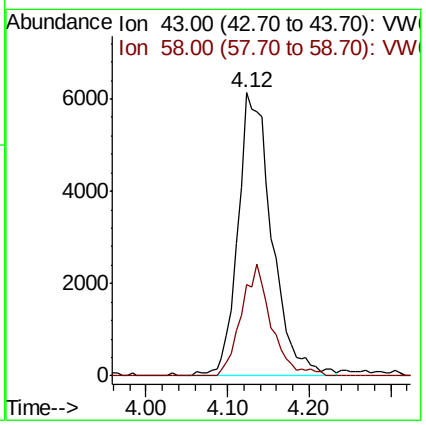


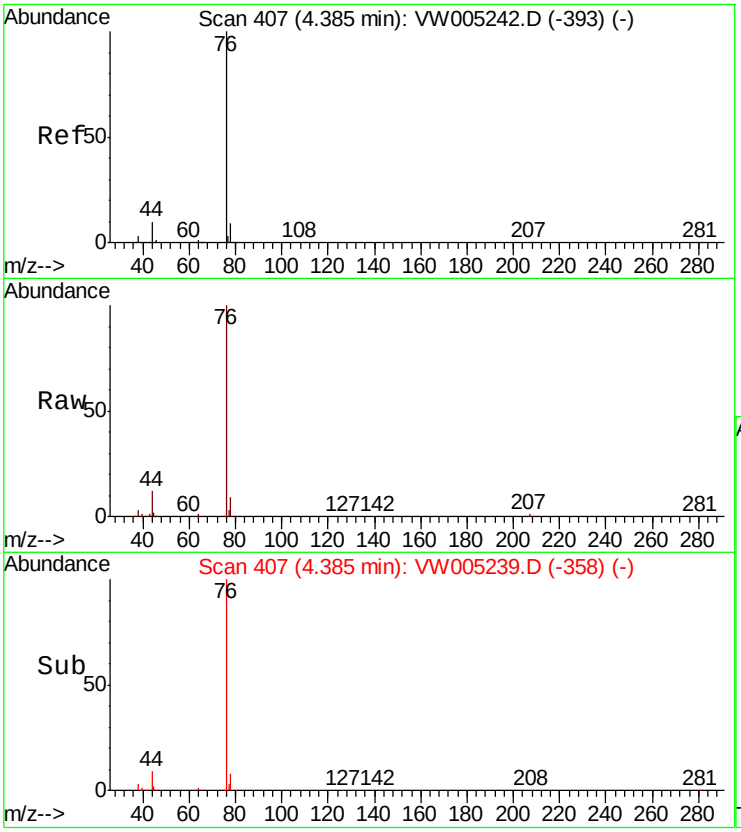




#16
Acetone
Concen: 25.145 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 43 Resp: 17767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.2 | 26.7 | 40.1 |



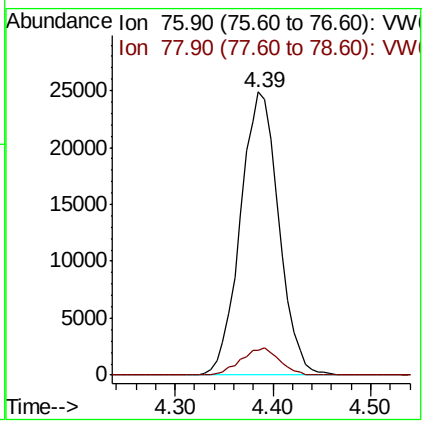


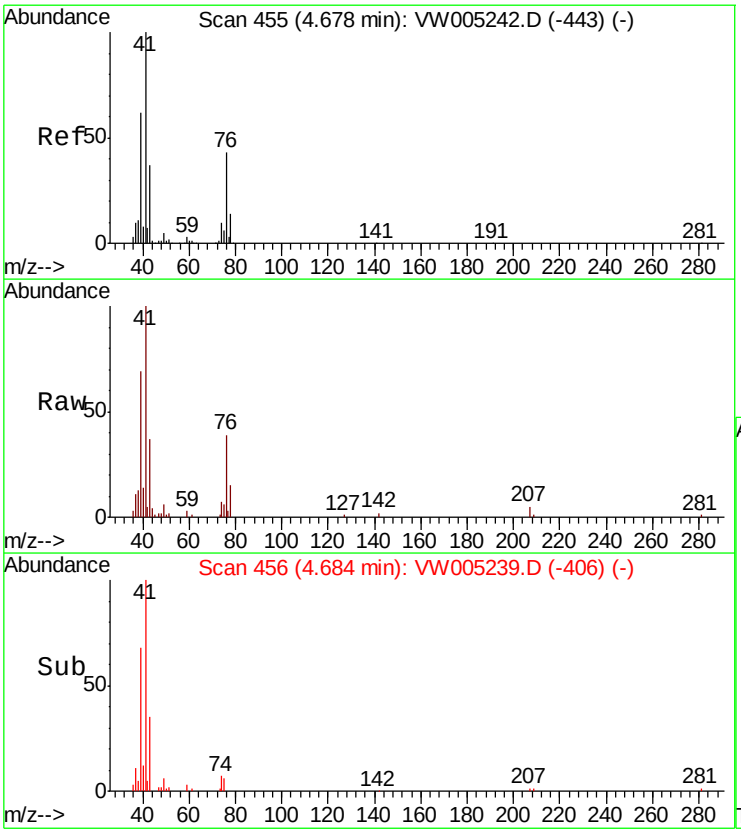

#17
Carbon Disulfide
Concen: 4.815 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 76 Resp: 67951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.6 | 7.5 | 11.3 |

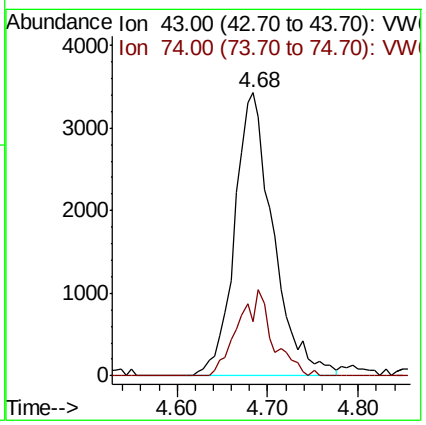


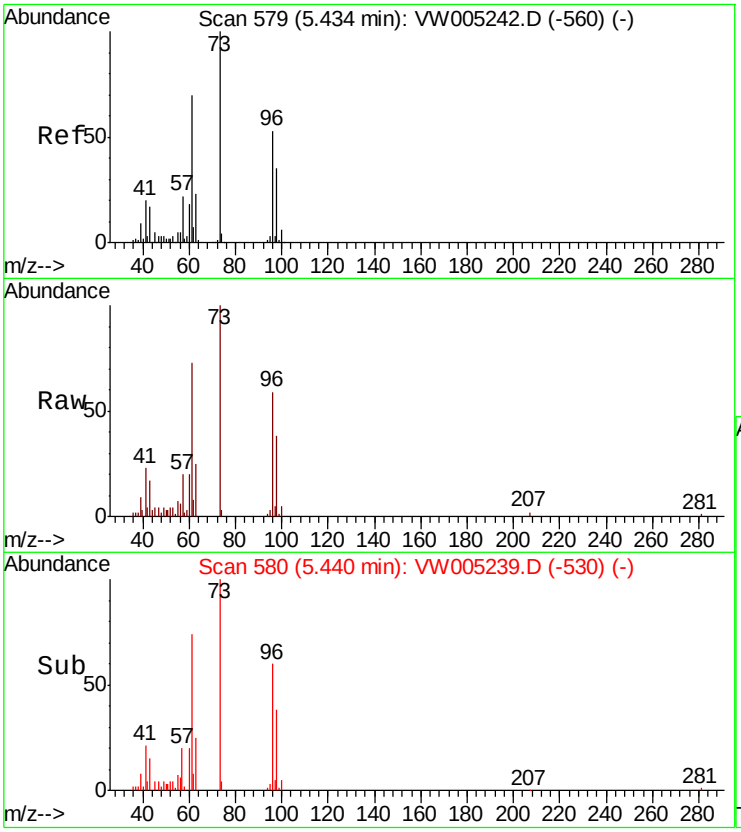




#18
Methyl Acetate
Concen: 4.793 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 43 Resp: 10109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.7 | 21.4 | 32.2 |



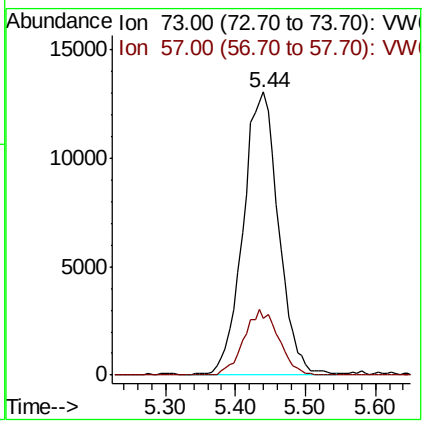


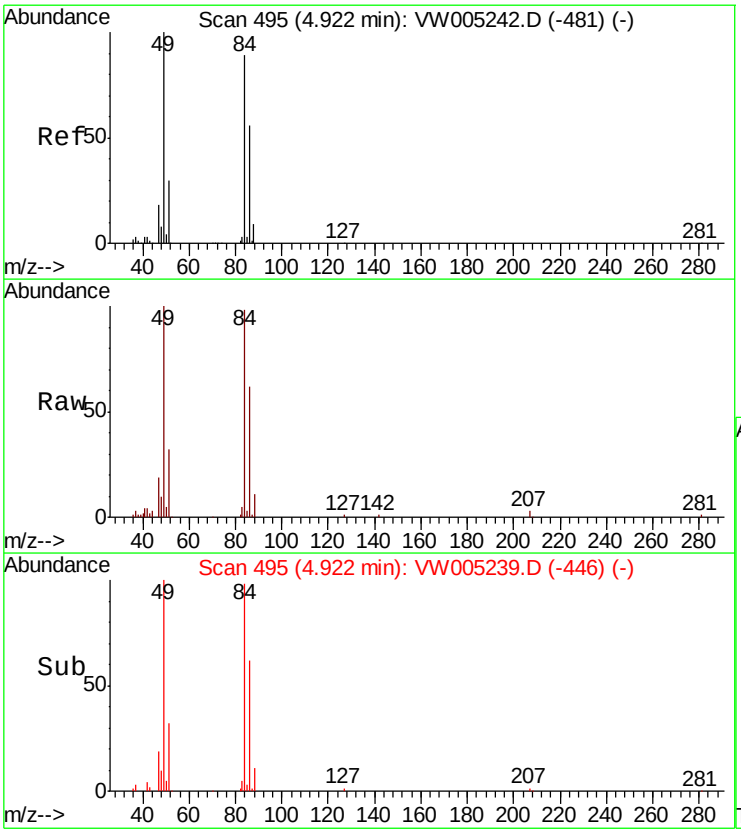

#19
Methyl tert-butyl Ether
Concen: 4.811 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 73 Resp: 46072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.2 | 17.4 | 26.2 |

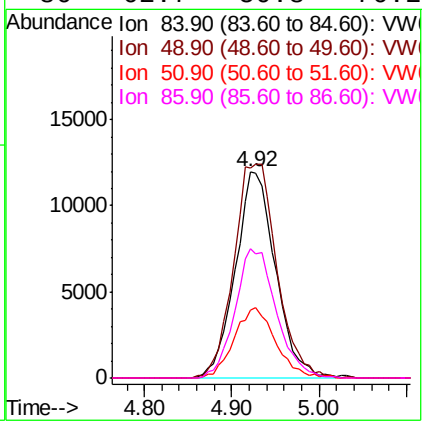


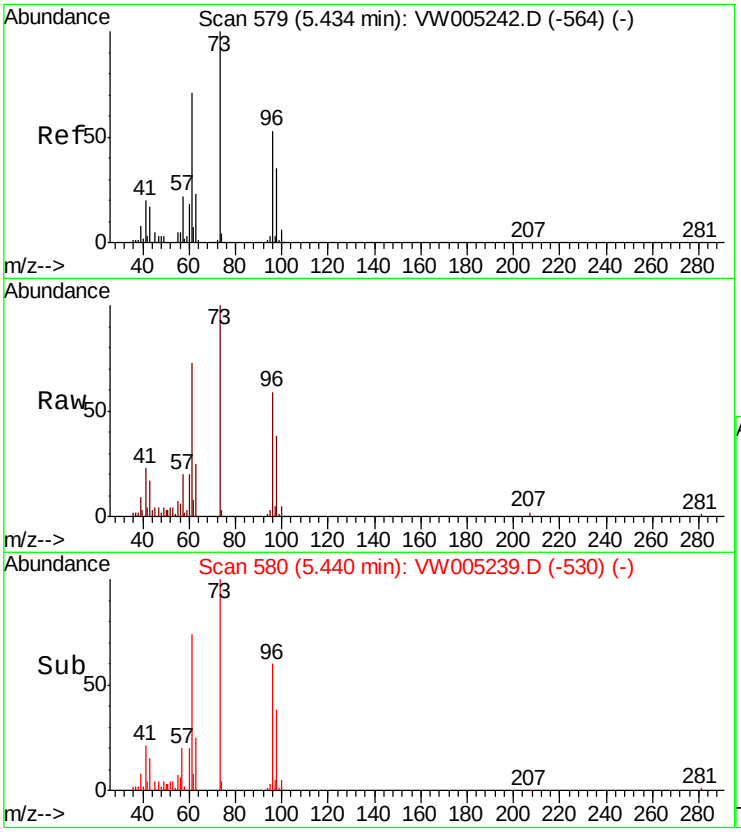




#20
Methylene Chloride
Concen: 6.385 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 84 Resp: 38240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 101.9 | 90.3 | 135.5 |
| 51 | 32.9 | 26.9 | 40.3 |
| 86 | 62.7 | 50.8 | 76.2 |



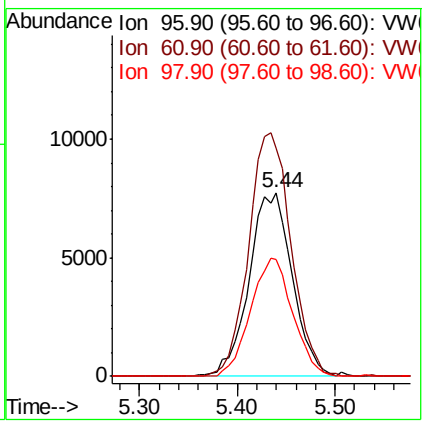


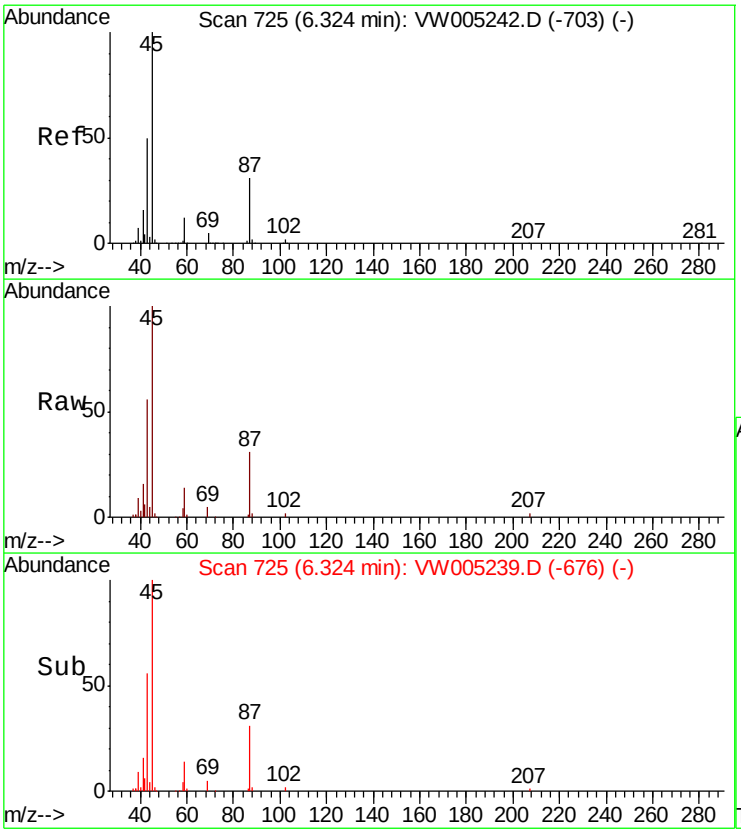

#21
trans-1,2-Dichloroethene
Concen: 5.079 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 96 Resp: 23841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 123.7 | 105.7 | 158.5 |
| 98 | 63.7 | 52.8 | 79.2 |

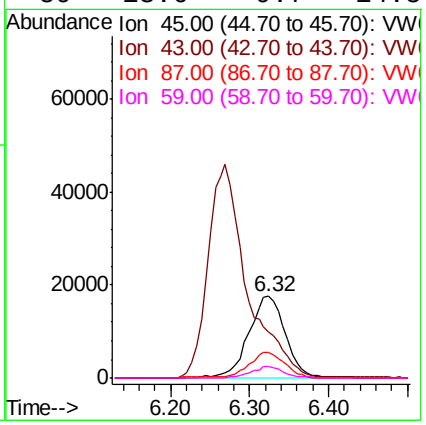


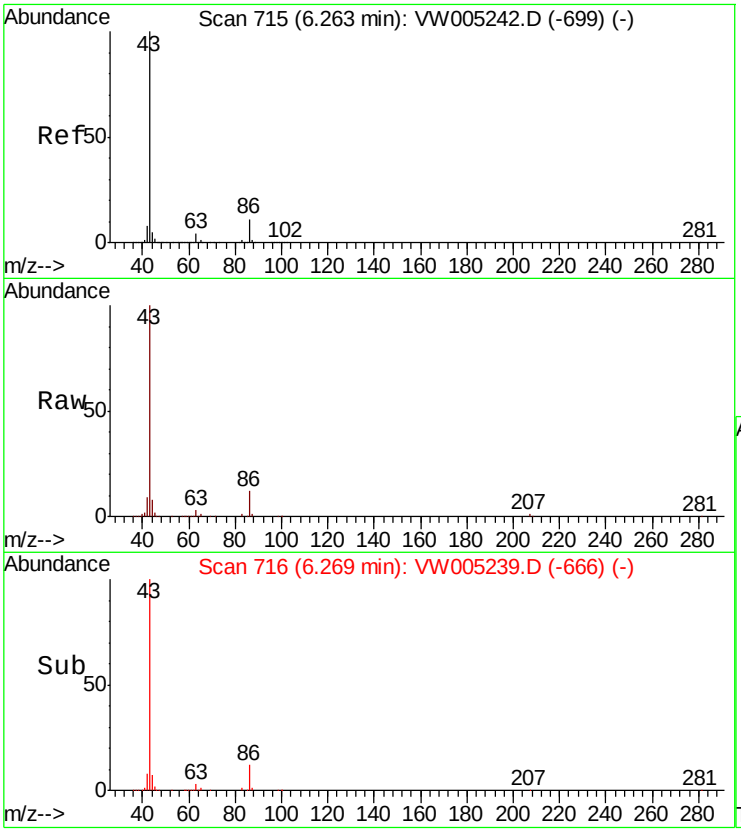




#22
Diisopropyl ether
Concen: 4.584 ug/l
RT: 6.32 min Scan# 725
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 45 Resp: 57010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 54.7 | 39.6 | 59.4 |
| 87 | 31.1 | 24.7 | 37.1 |
| 59 | 13.6 | 9.7 | 14.5 |



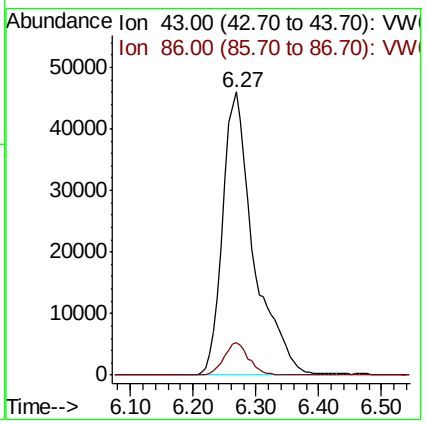


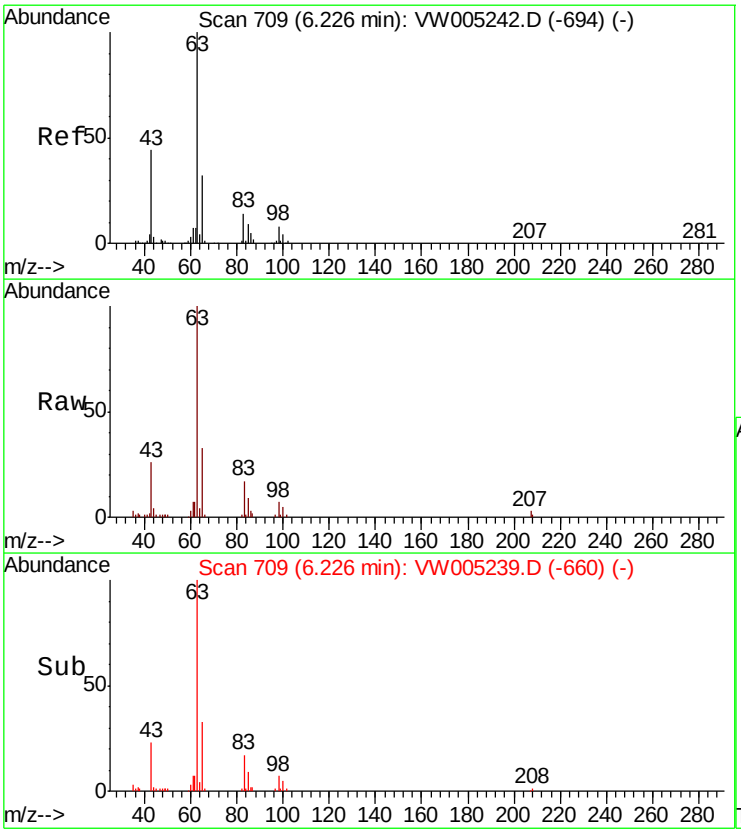

#23
Vinyl Acetate
Concen: 22.855 ug/l
RT: 6.27 min Scan# 716
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 43 Resp: 158404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.6 | 8.9 | 13.3 |

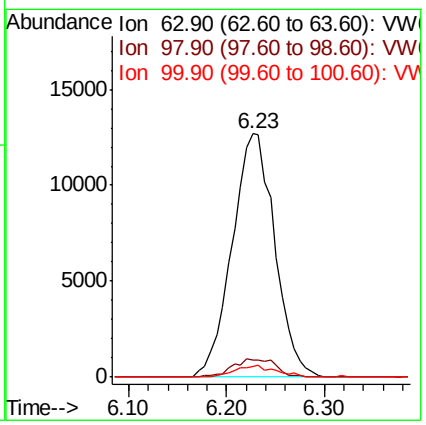


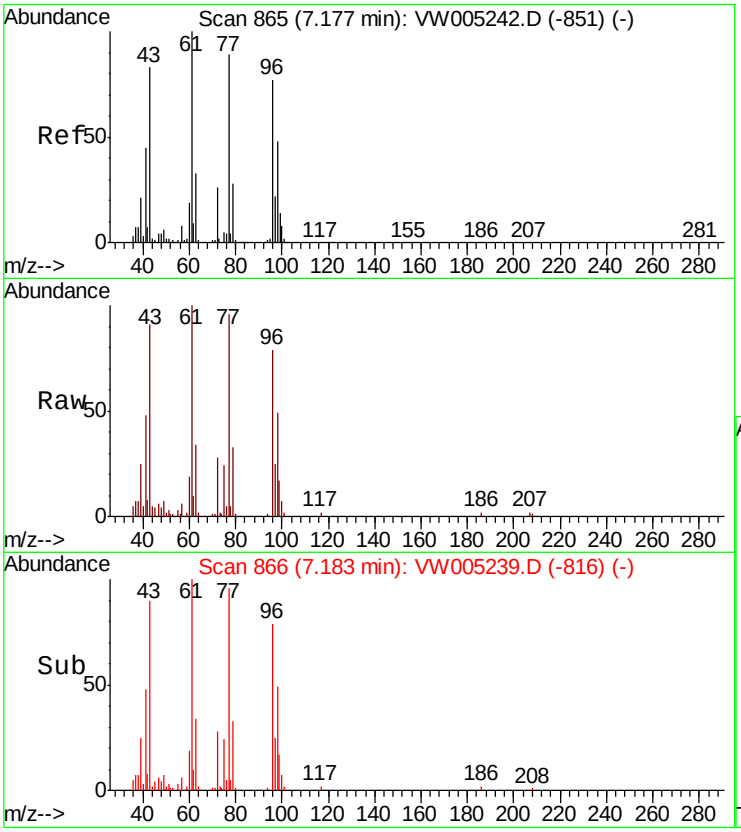




#24
1,1-Dichloroethane
Concen: 5.003 ug/l
RT: 6.23 min Scan# 709
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 63 Resp: 38301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.8 | 11.4 |
| 100 | 4.5 | 2.2 | 6.6 |



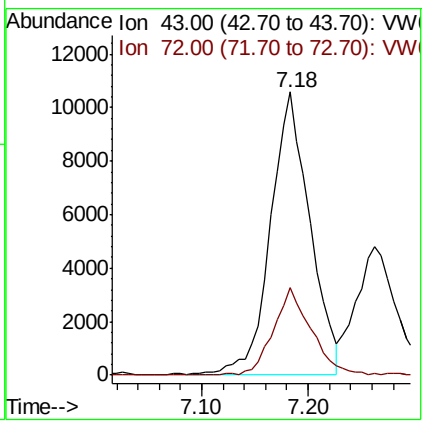


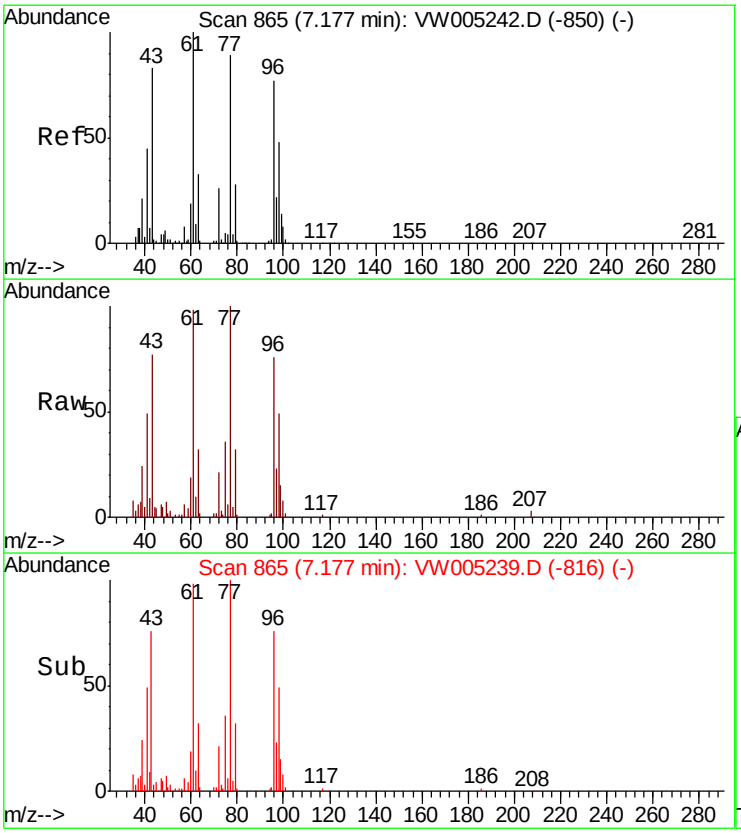

#25
2-Butanone
Concen: 24.315 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 43 Resp: 27100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 30.8 | 25.0 | 37.6 |

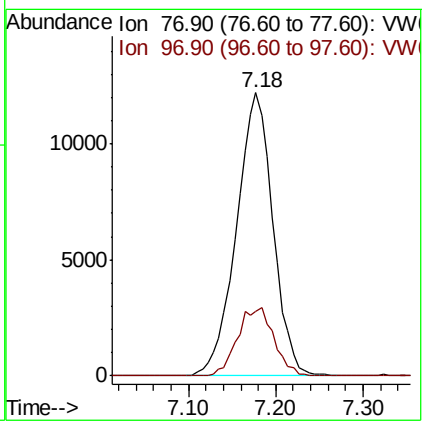


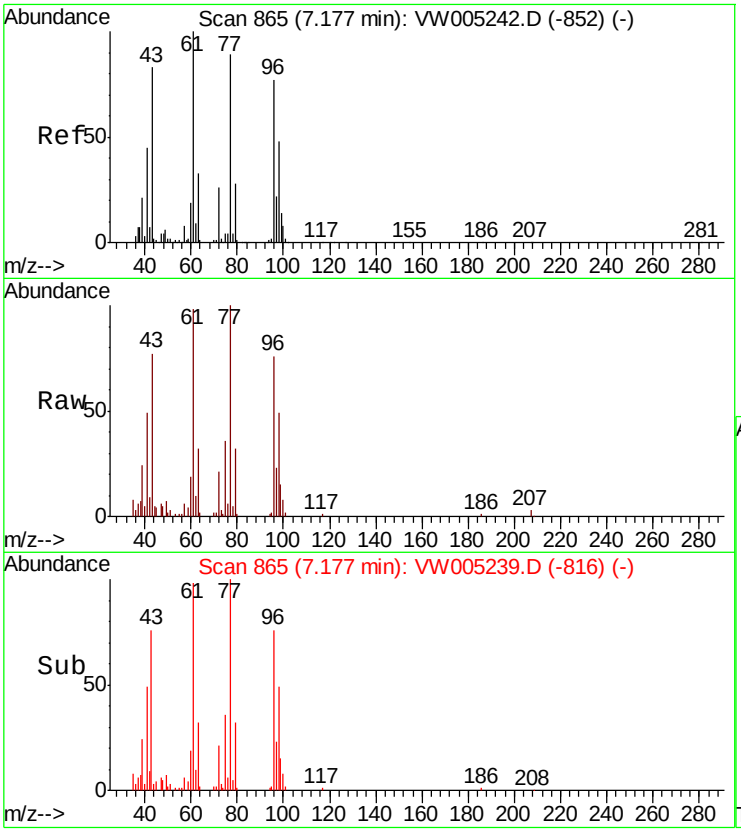




#26
2,2-Dichloropropane
Concen: 5.305 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 77 Resp: 35214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.0 | 12.2 | 36.6 |



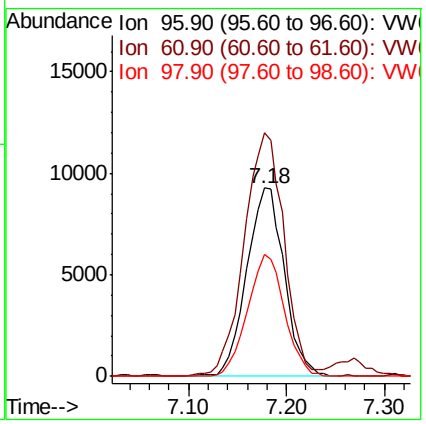


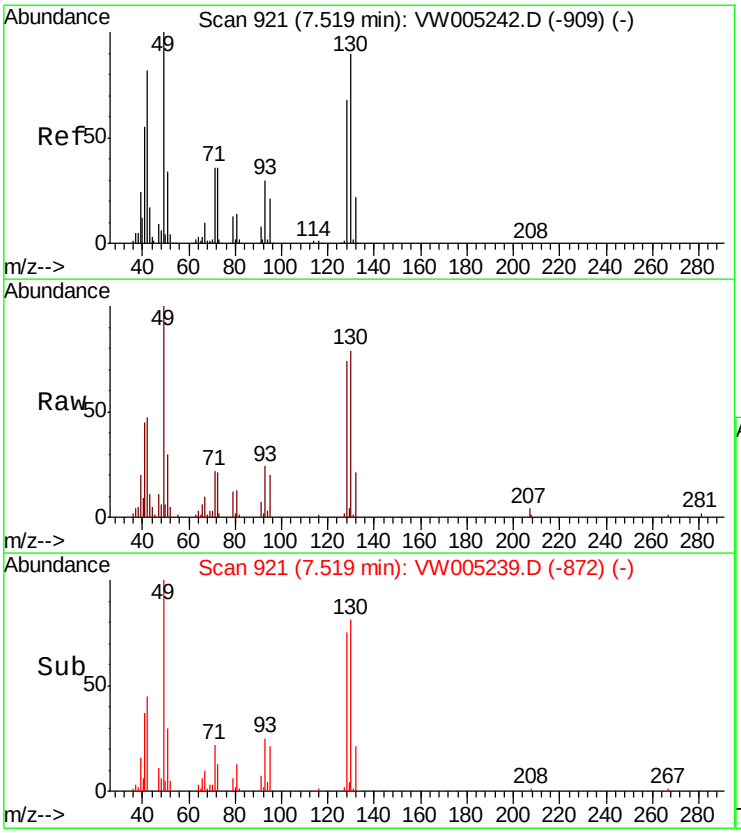

#27
cis-1,2-Dichloroethene
Concen: 4.953 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 96 Resp: 24885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 137.1 | 0.0 | 273.4 |
| 98 | 63.6 | 0.0 | 127.8 |

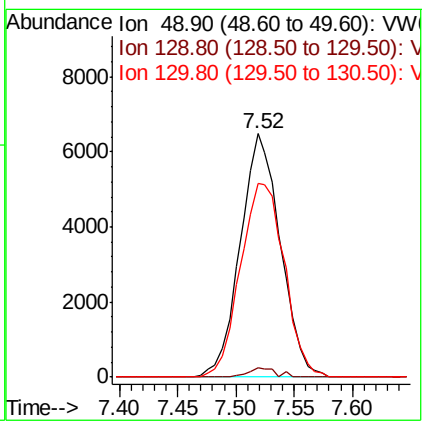


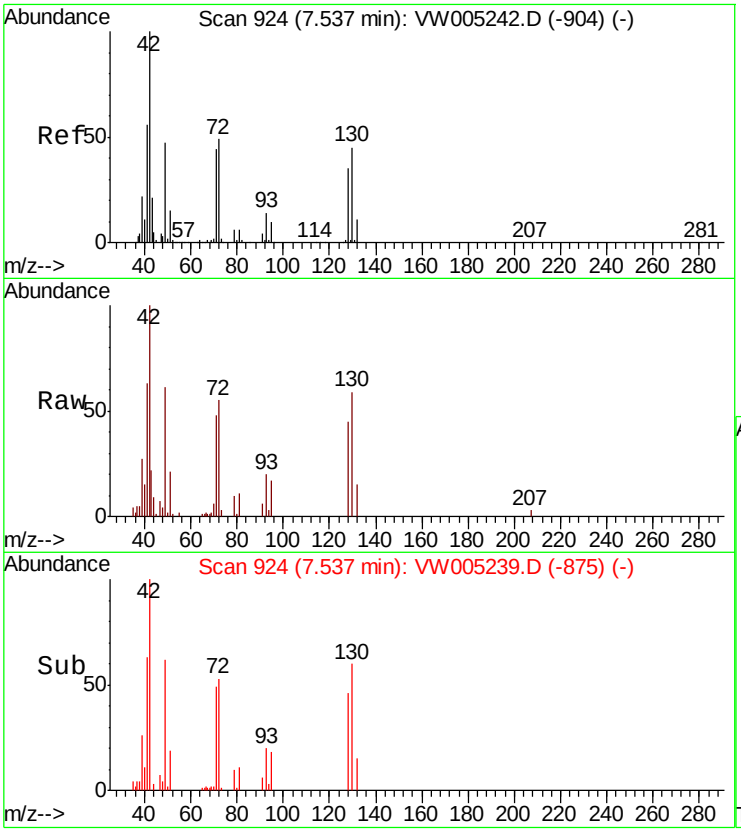




#28
Bromochloromethane
Concen: 5.513 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 49 Resp: 15570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.6 | 0.0 | 2.0# |
| 130 | 86.9 | 71.2 | 106.8 |



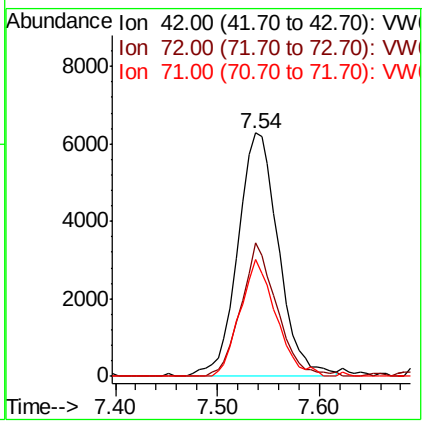


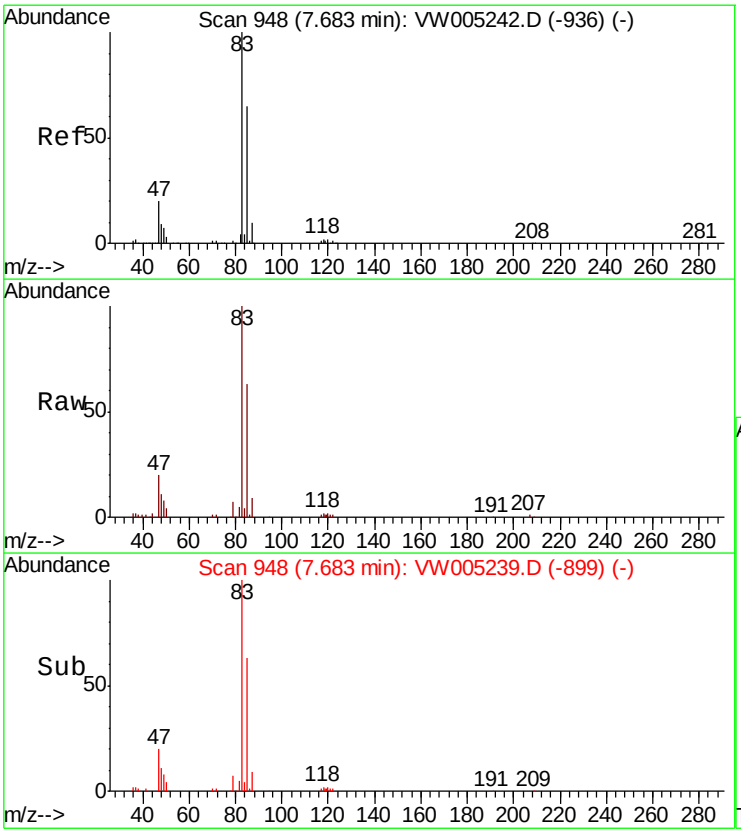

#29
Tetrahydrofuran
Concen: 23.193 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 42 Resp: 17420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.1 | 37.5 | 56.3 |
| 71 | 42.4 | 34.8 | 52.2 |

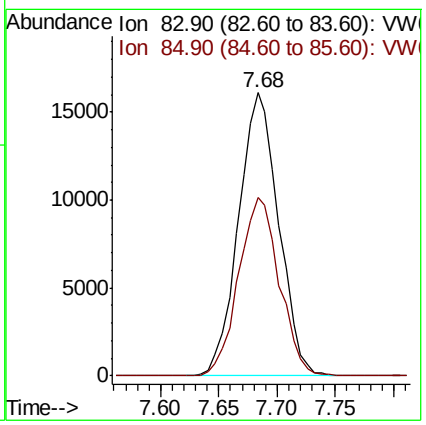


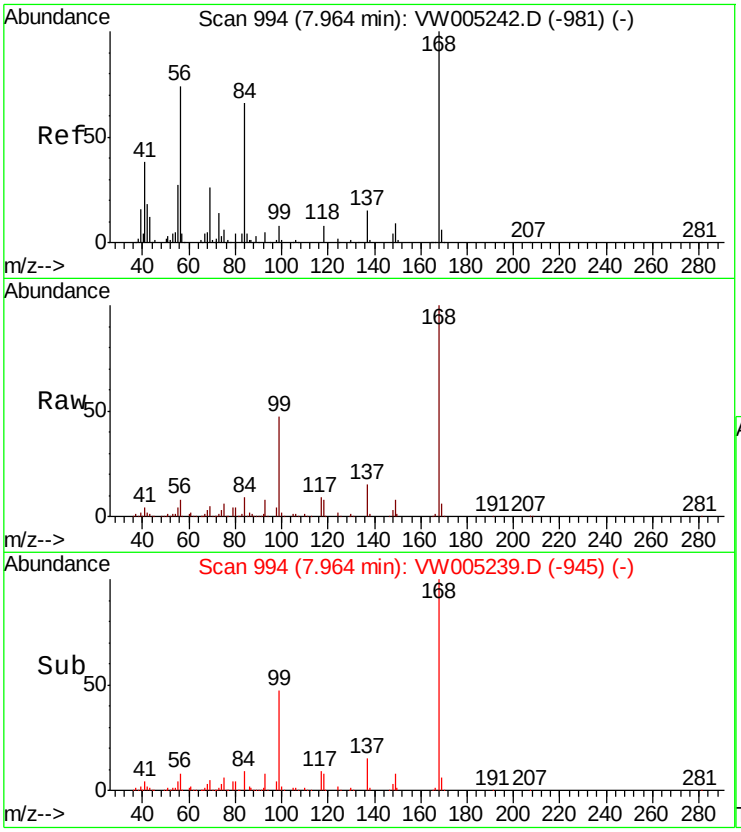




#30
Chloroform
Concen: 5.004 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 83 Resp: 38445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.0 | 51.7 | 77.5 |



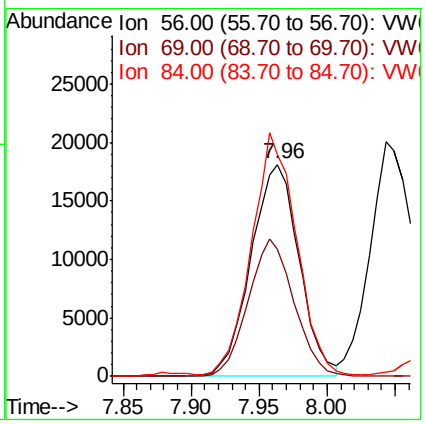


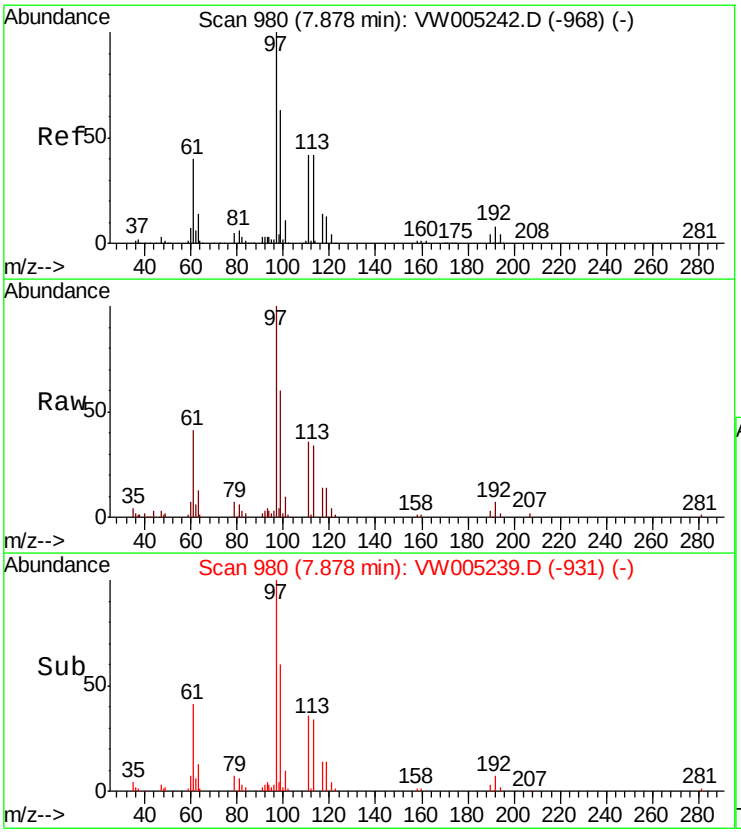

#31
Cyclohexane
Concen: 5.506 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 56 Resp: 44849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 59.9 | 27.8 | 41.8# |
| 84 | 103.4 | 72.1 | 108.1 |

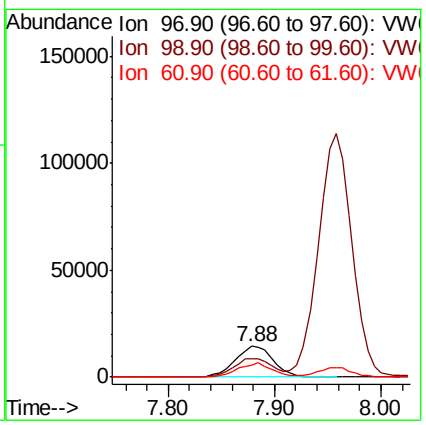


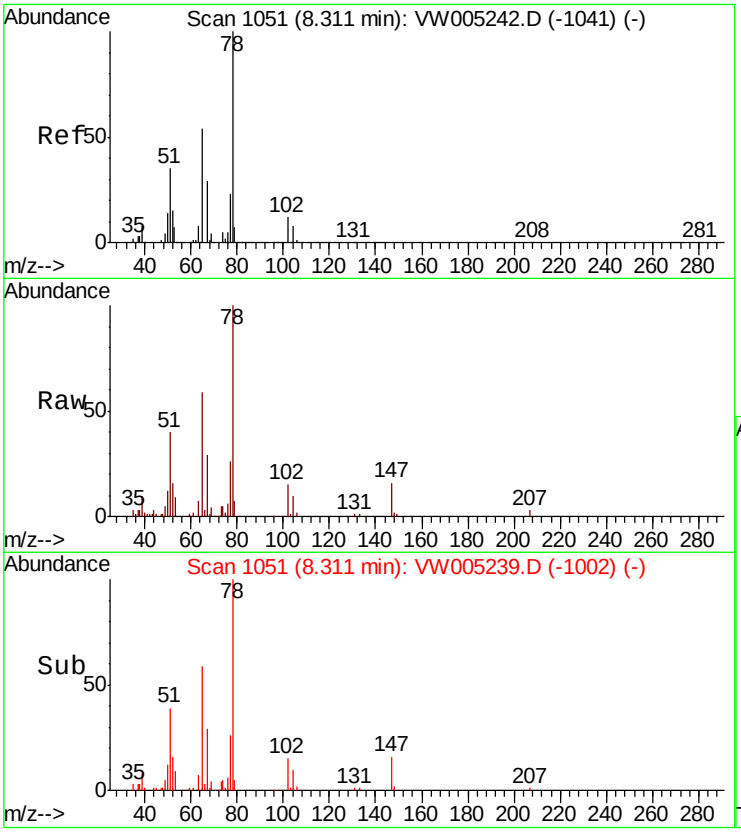




#32
1,1,1-Trichloroethane
Concen: 5.199 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 97 Resp: 36084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 61.0 | 51.5 | 77.3 |
| 61 | 42.5 | 32.5 | 48.7 |



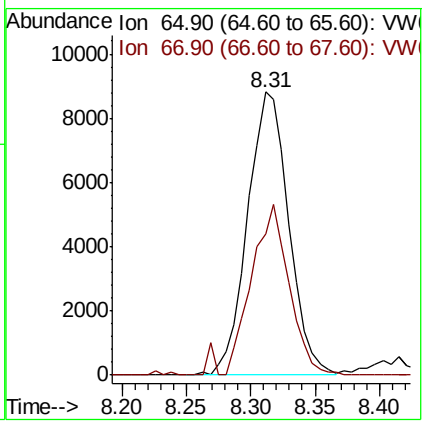


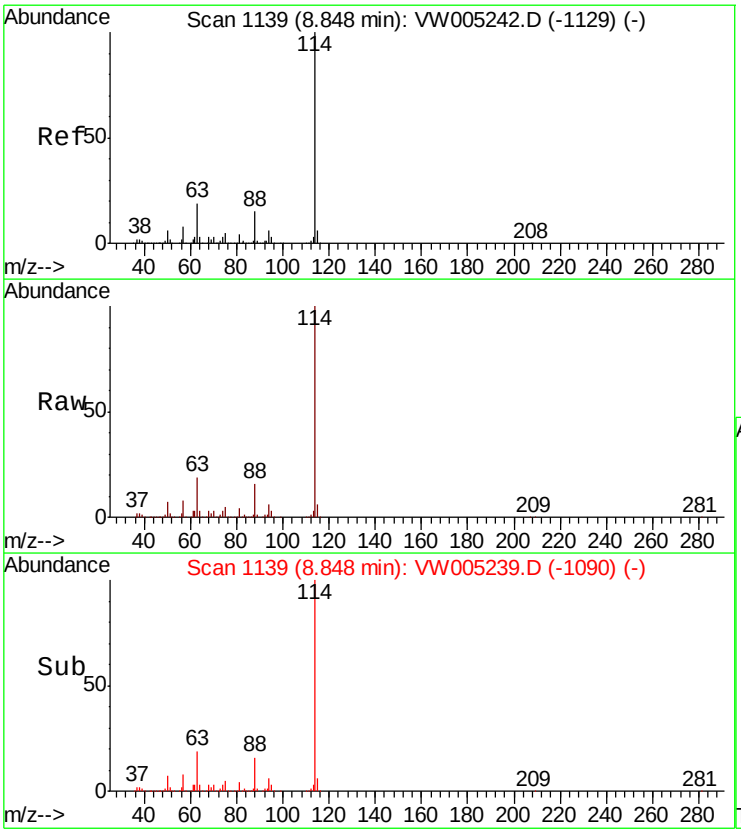

#33
1,2-Dichloroethane-d4
Concen: 5.117 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 65 Resp: 19479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.1 | 0.0 | 112.2 |

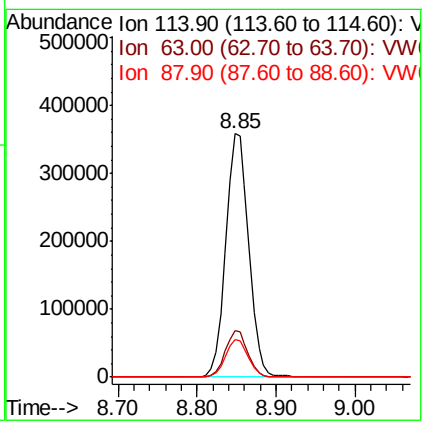


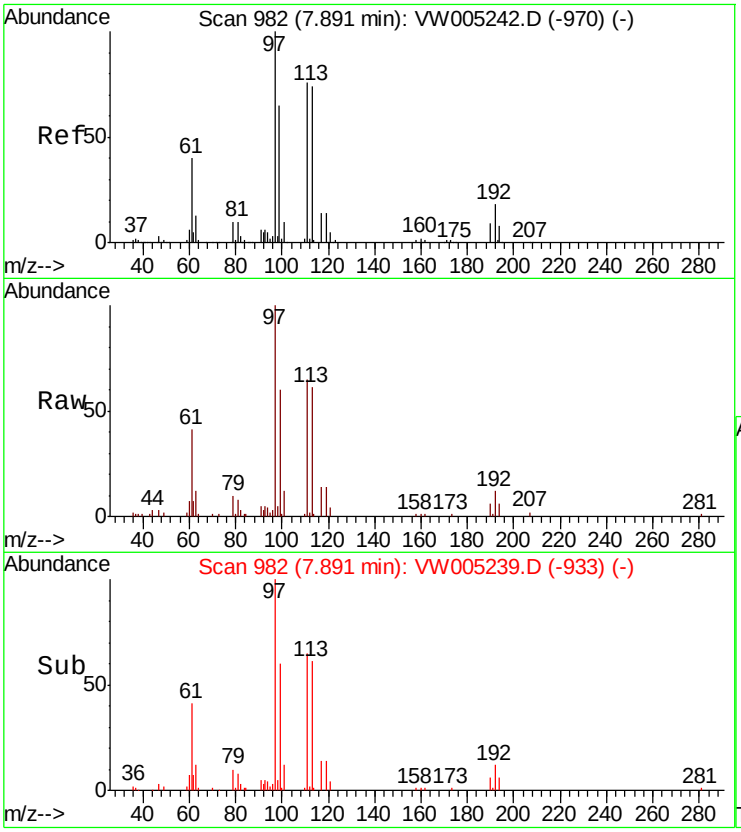




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:114 Resp: 724157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.9 | 0.0 | 37.0 |
| 88 | 15.5 | 0.0 | 30.4 |



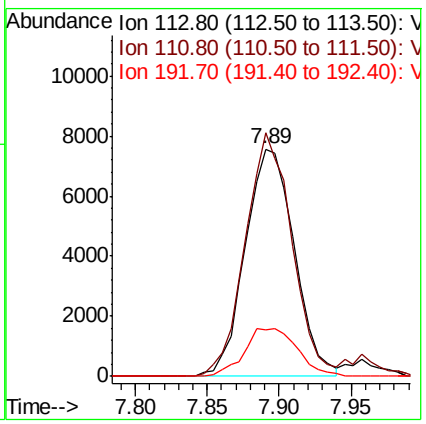


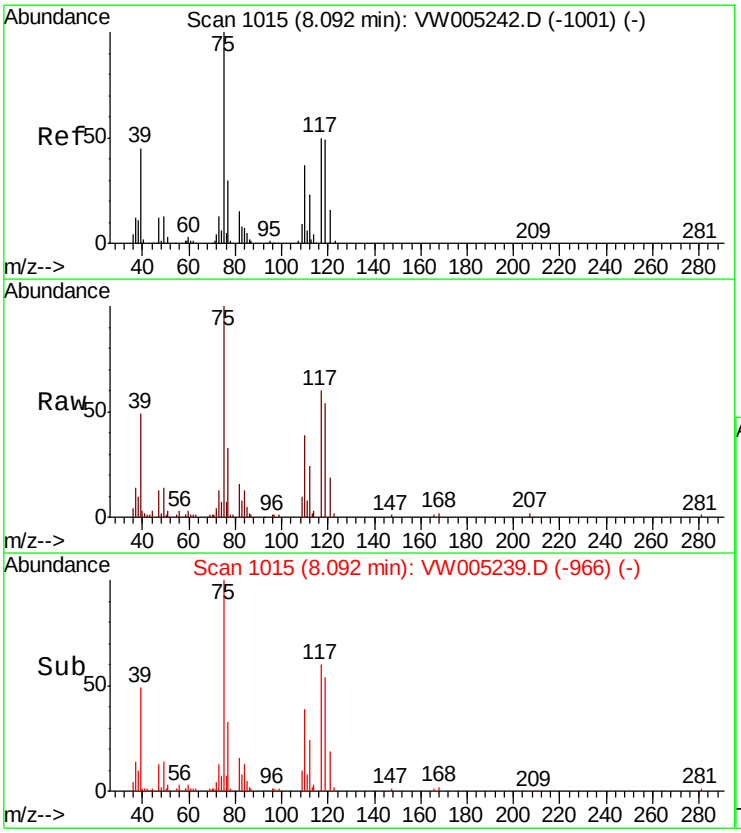

#35
Dibromofluoromethane
Concen: 4.707 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:113 Resp: 17854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.9 | 80.6 | 121.0 |
| 192 | 22.8 | 18.3 | 27.5 |

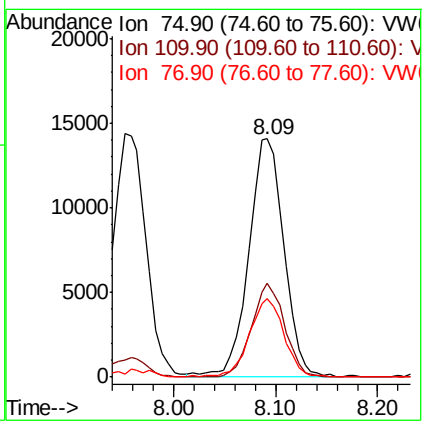


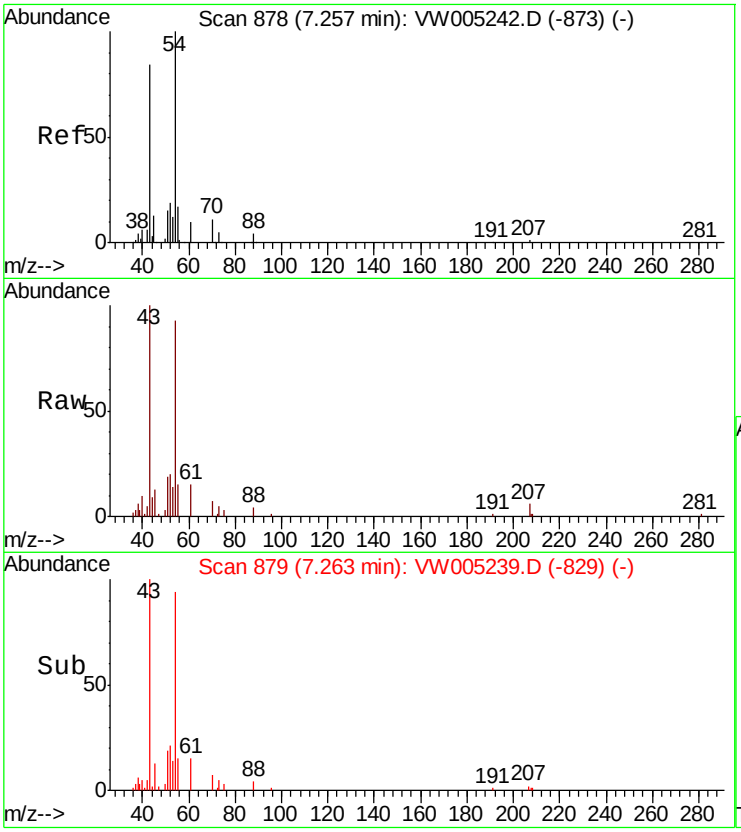




#36
1,1-Dichloropropene
Concen: 5.109 ug/l
RT: 8.09 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 75 Resp: 33898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.8 | 18.8 | 56.4 |
| 77 | 32.5 | 24.9 | 37.3 |



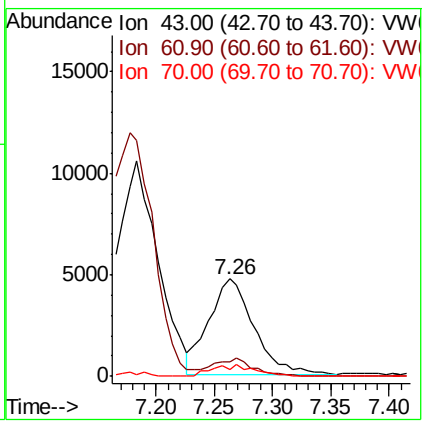


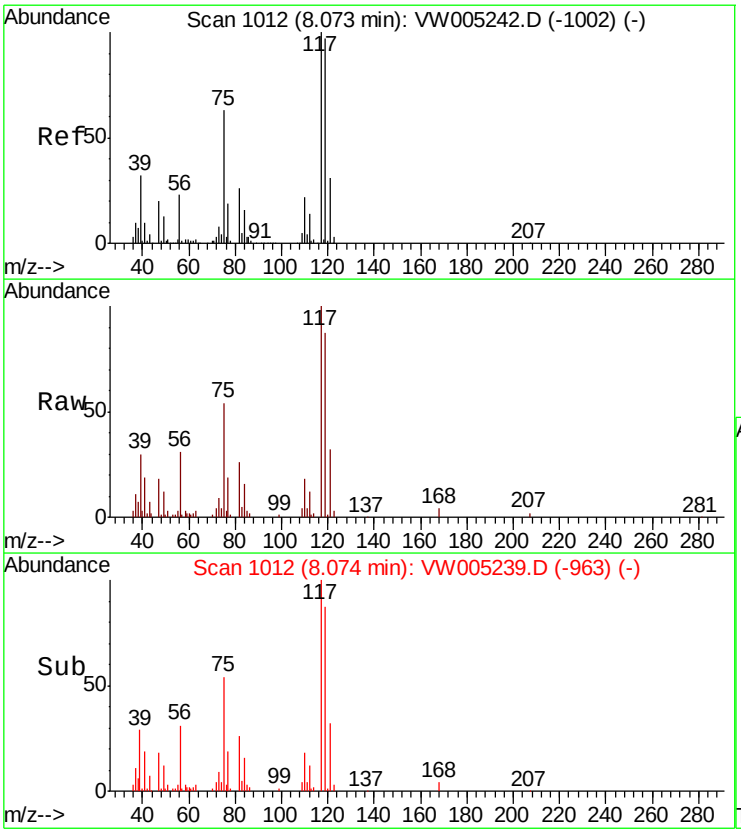

#37
Ethyl Acetate
Concen: 5.048 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 43 Resp: 12738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.9 | 12.3 | 18.5 |
| 70 | 5.2 | 9.5 | 14.3# |

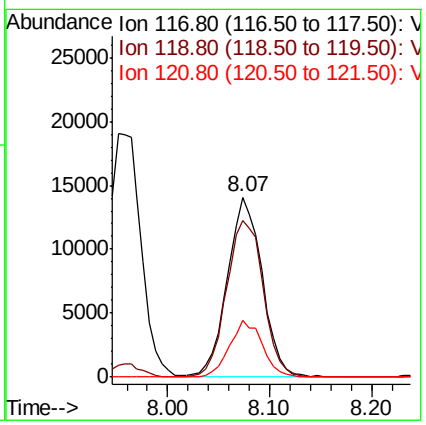


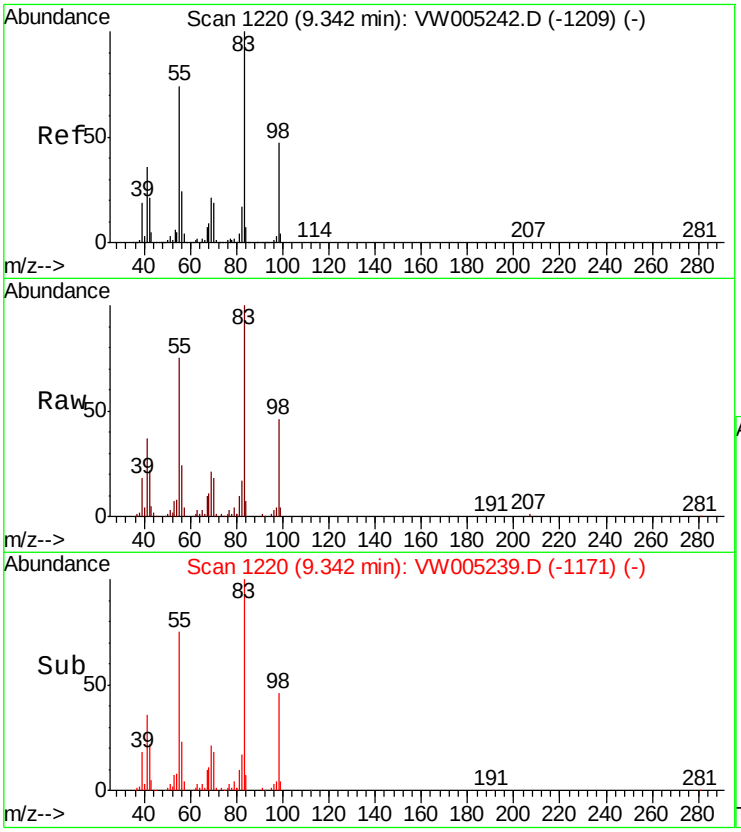




#38
Carbon Tetrachloride
Concen: 5.336 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:117 Resp: 33161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 86.9 | 77.5 | 116.3 |
| 121 | 31.7 | 24.7 | 37.1 |



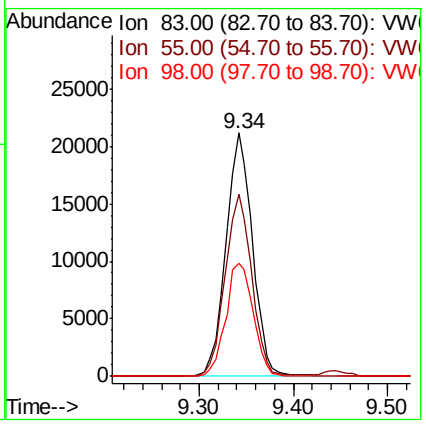


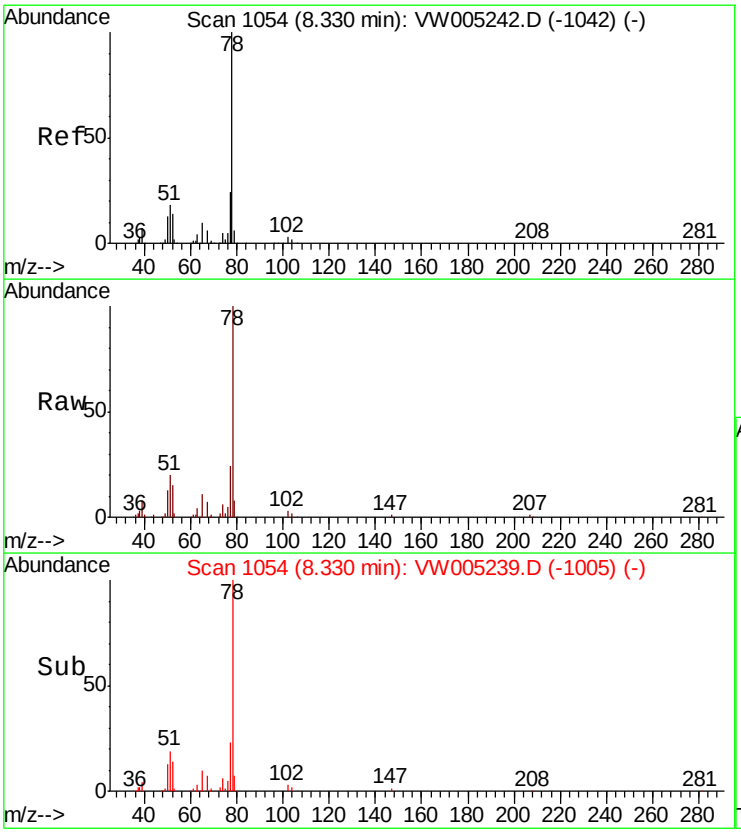

#39
Methylcyclohexane
Concen: 4.700 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 83 Resp: 41398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.0 | 58.9 | 88.3 |
| 98 | 46.4 | 37.6 | 56.4 |

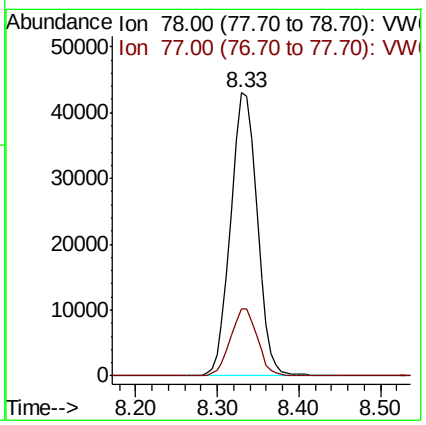


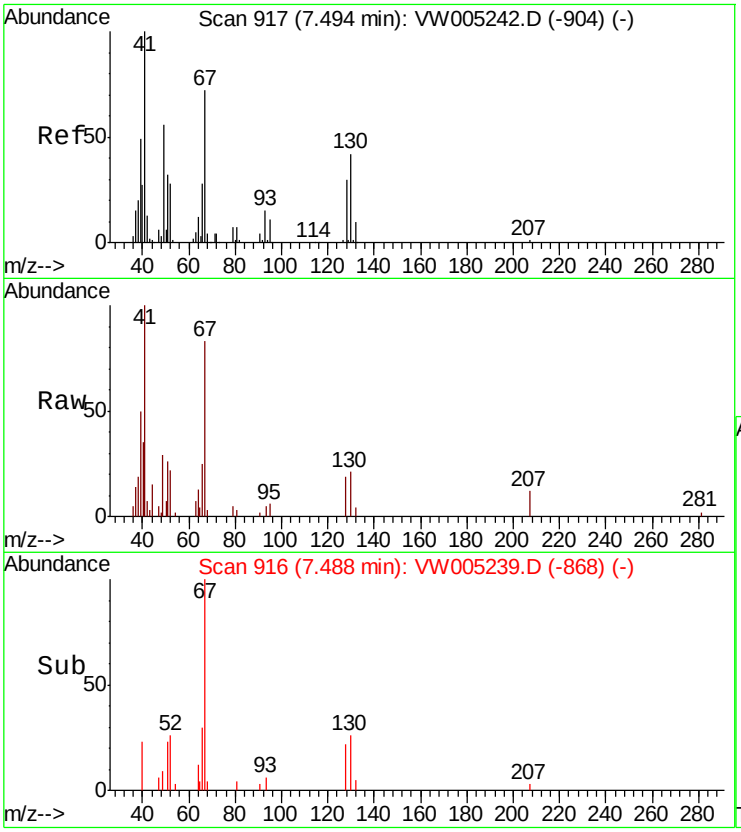




#40
Benzene
Concen: 4.972 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 78 Resp: 97178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 18.9 | 28.3 |



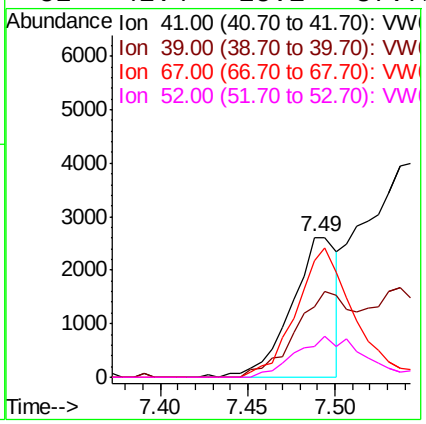


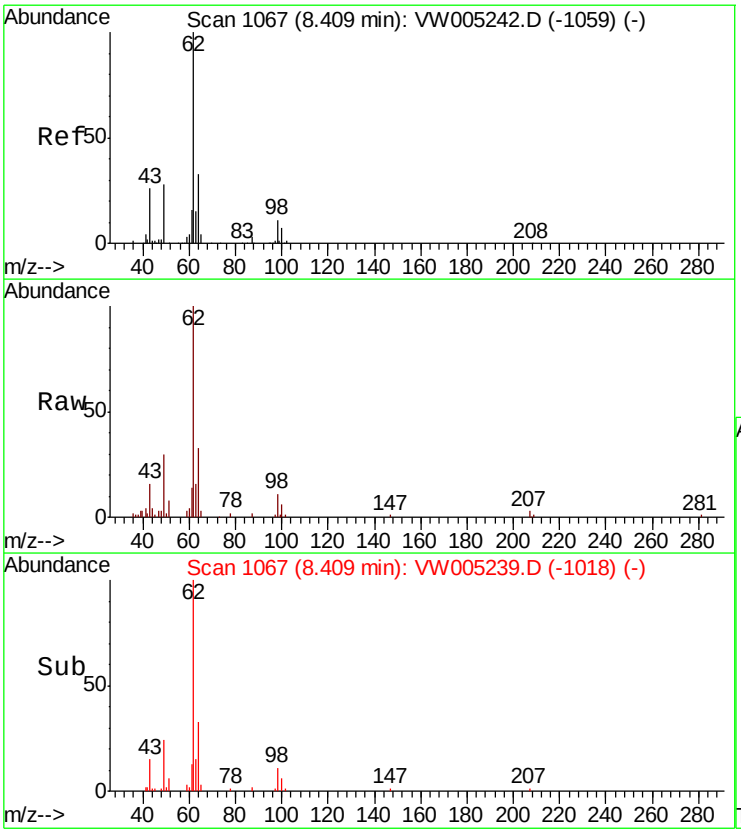

#41
Methacrylonitrile
Concen: 3.684 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 41 Resp: 4770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 77.3 | 39.9 | 59.9# |
| 67 | 115.9 | 65.7 | 98.5# |
| 52 | 42.4 | 25.1 | 37.7# |

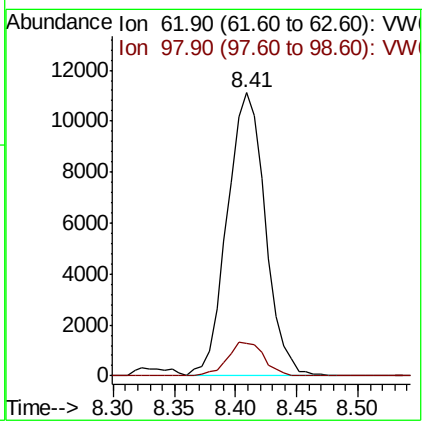


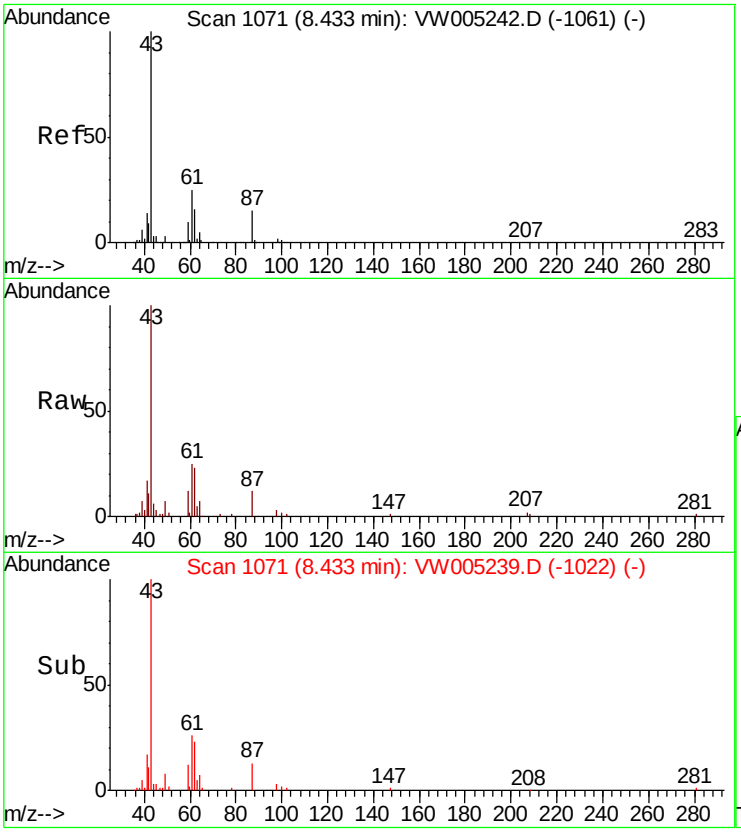




#42
1,2-Dichloroethane
Concen: 5.139 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 62 Resp: 24032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.3 | 0.0 | 22.0 |



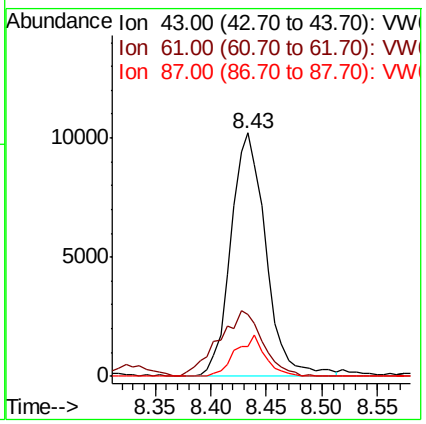


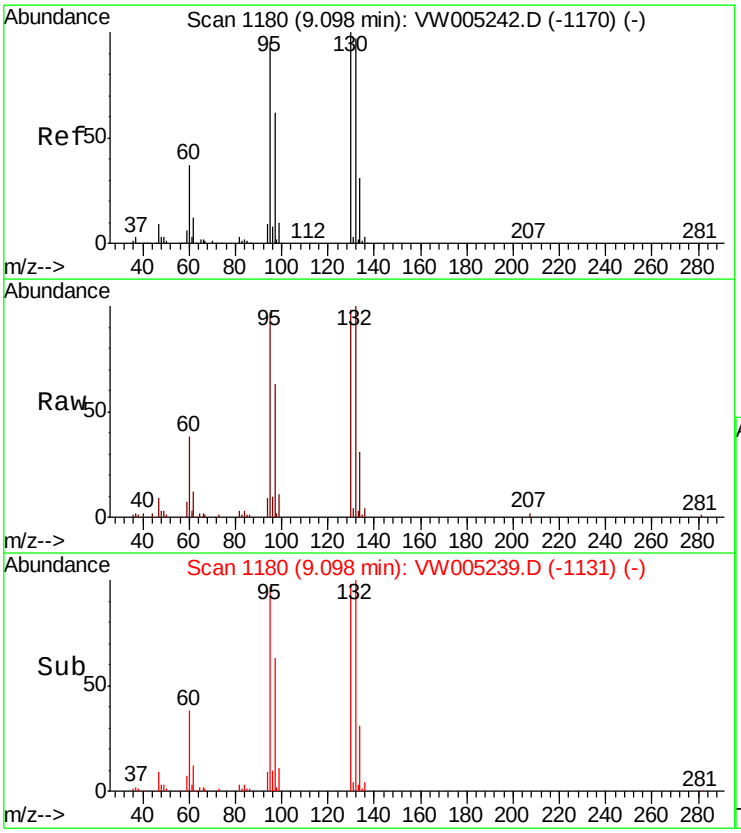

#43
Isopropyl Acetate
Concen: 4.754 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 43 Resp: 22280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 33.8 | 25.4 | 38.0 |
| 87 | 14.3 | 11.9 | 17.9 |

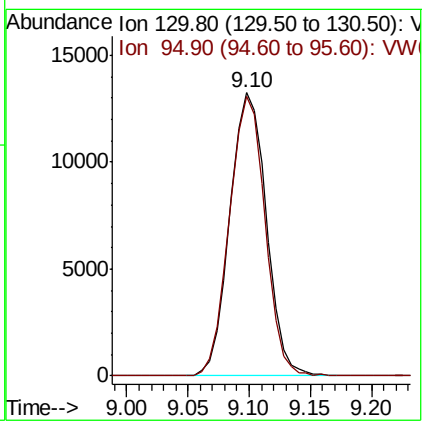


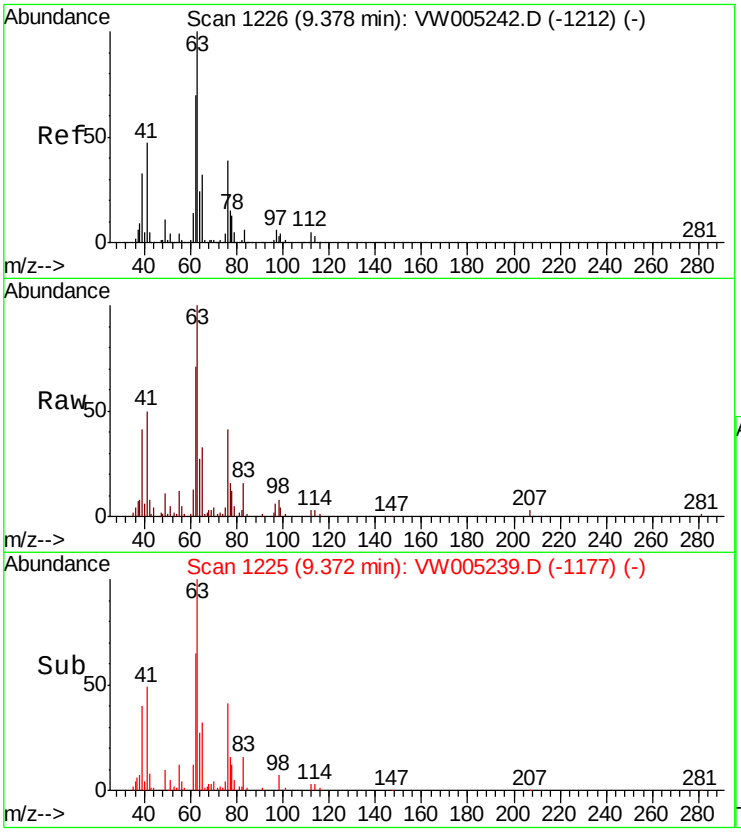




#44
Trichloroethene
Concen: 5.114 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:130 Resp: 27421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.9 | 0.0 | 189.6 |



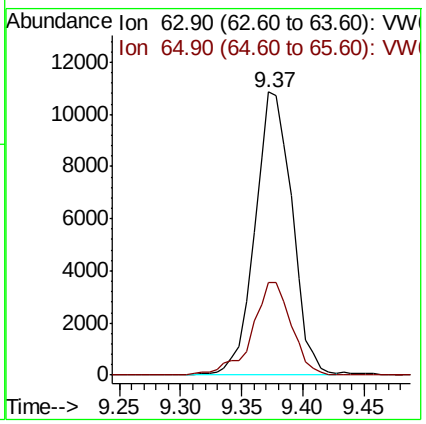


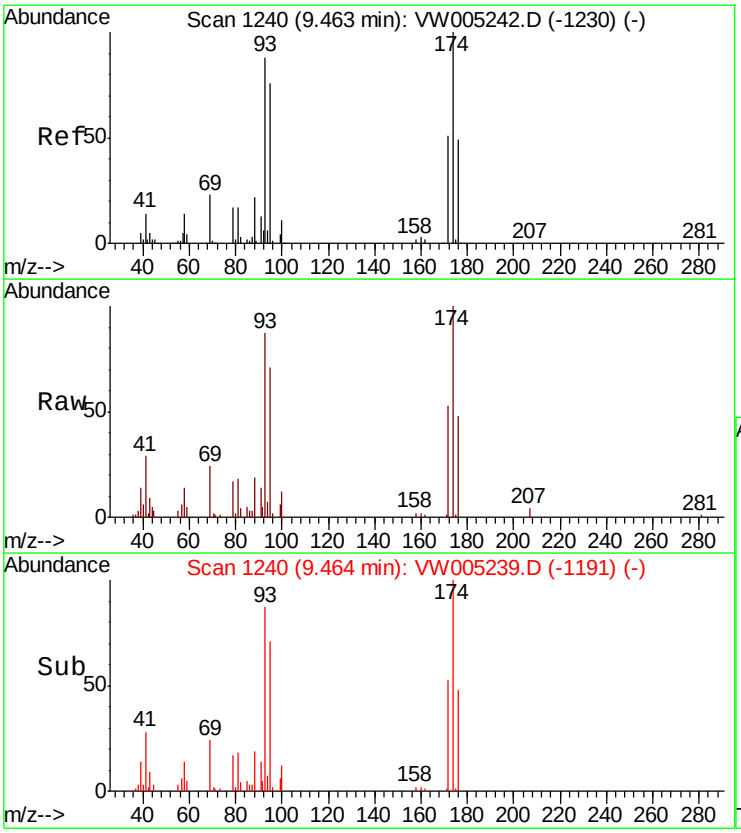

#45
1,2-Dichloropropane
Concen: 4.873 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 63 Resp: 22896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.6 | 25.4 | 38.2 |

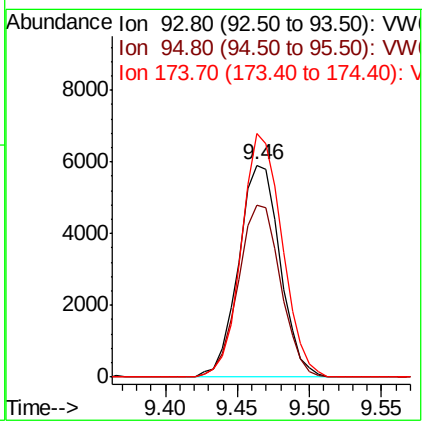


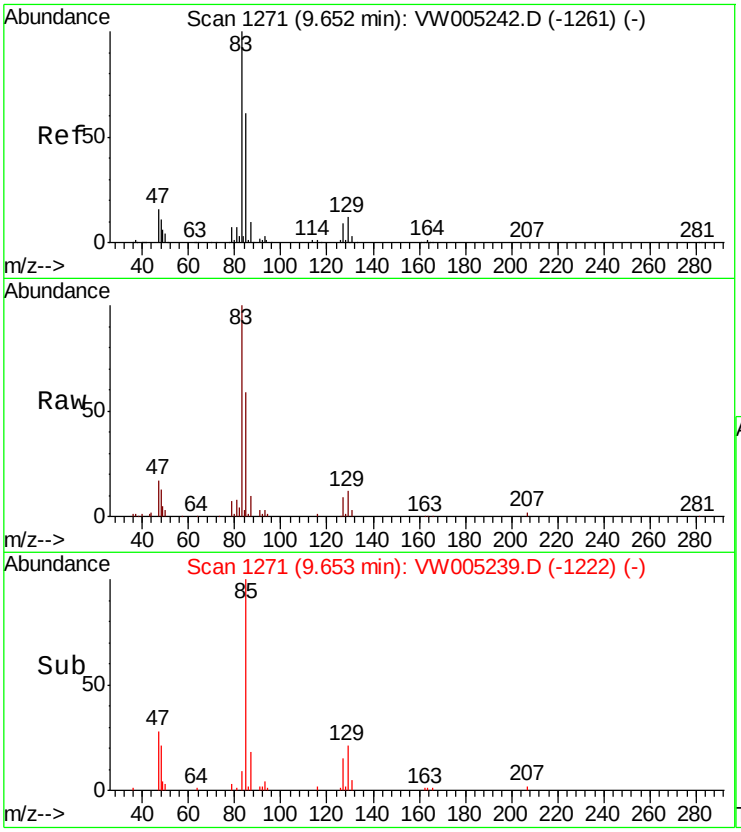




#46
Dibromomethane
Concen: 5.131 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 93 Resp: 11799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.4 | 67.0 | 100.4 |
| 174 | 112.3 | 92.2 | 138.2 |



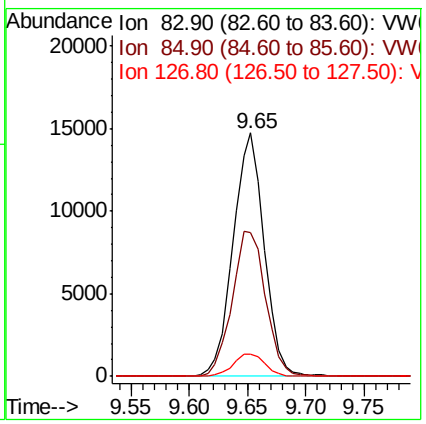


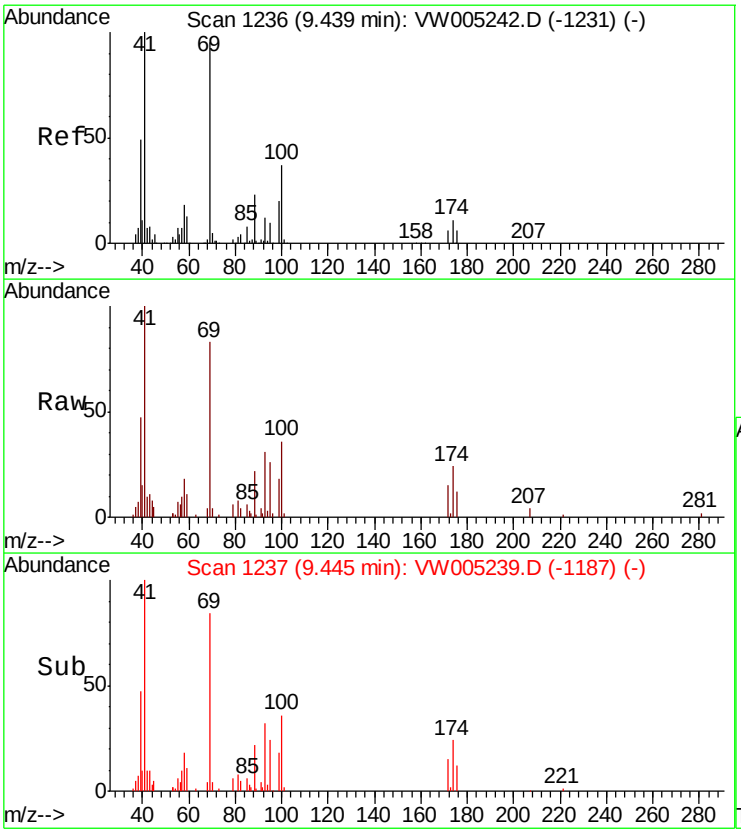

#47
Bromodichloromethane
Concen: 4.860 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 83 Resp: 27343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 59.1 | 49.0 | 73.6 |
| 127 | 9.1 | 7.0 | 10.4 |

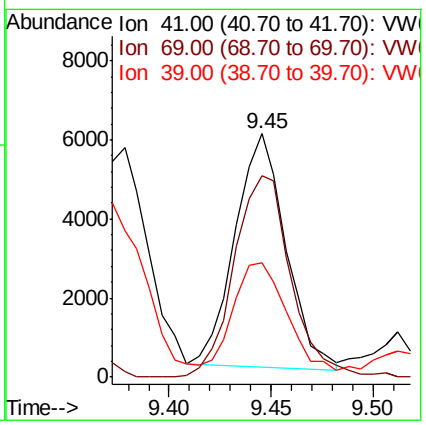


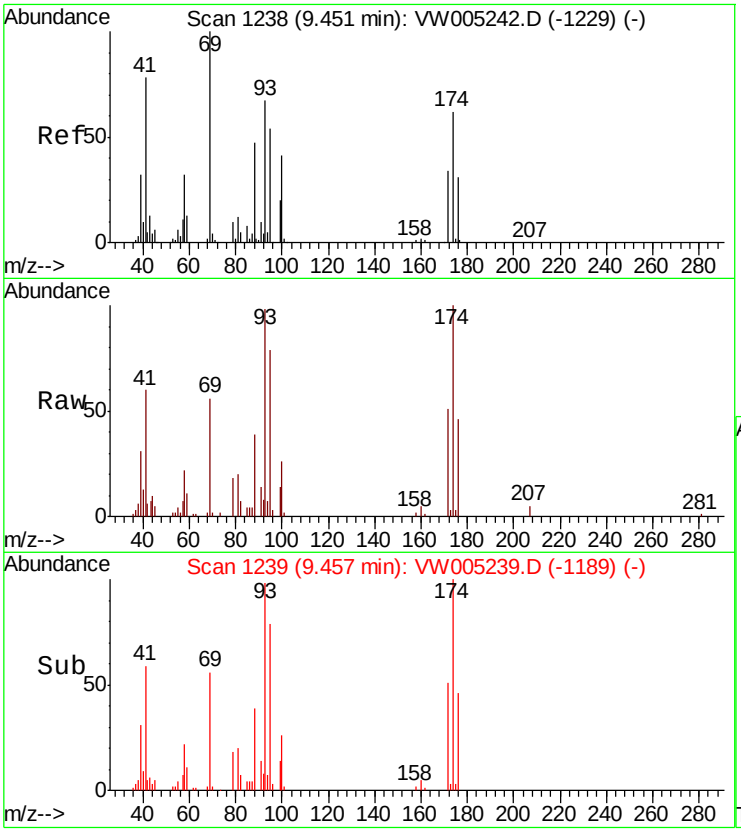




#48
Methyl methacrylate
Concen: 4.196 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 41 Resp: 10210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 96.8 | 74.6 | 112.0 |
| 39 | 54.1 | 36.7 | 55.1 |



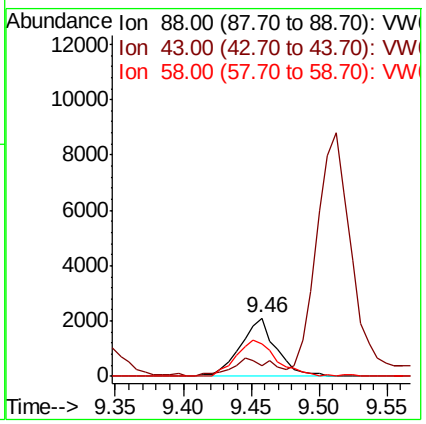


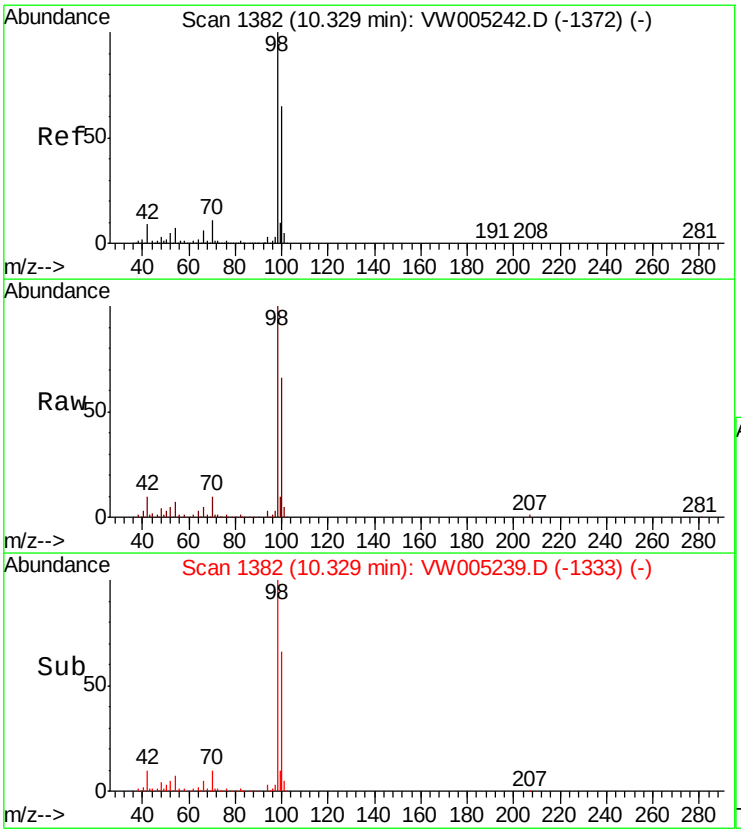

#49
1,4-Dioxane
Concen: 89.948 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 88 Resp: 3862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.9 | 22.7 | 34.1# |
| 58 | 68.8 | 56.6 | 85.0 |

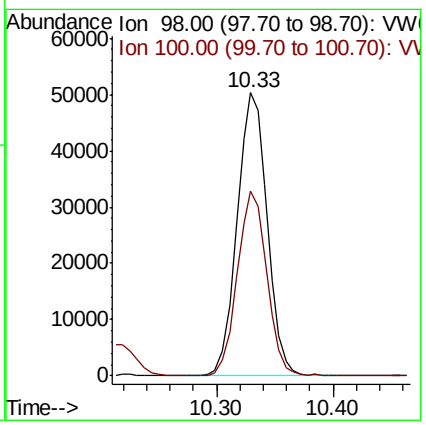


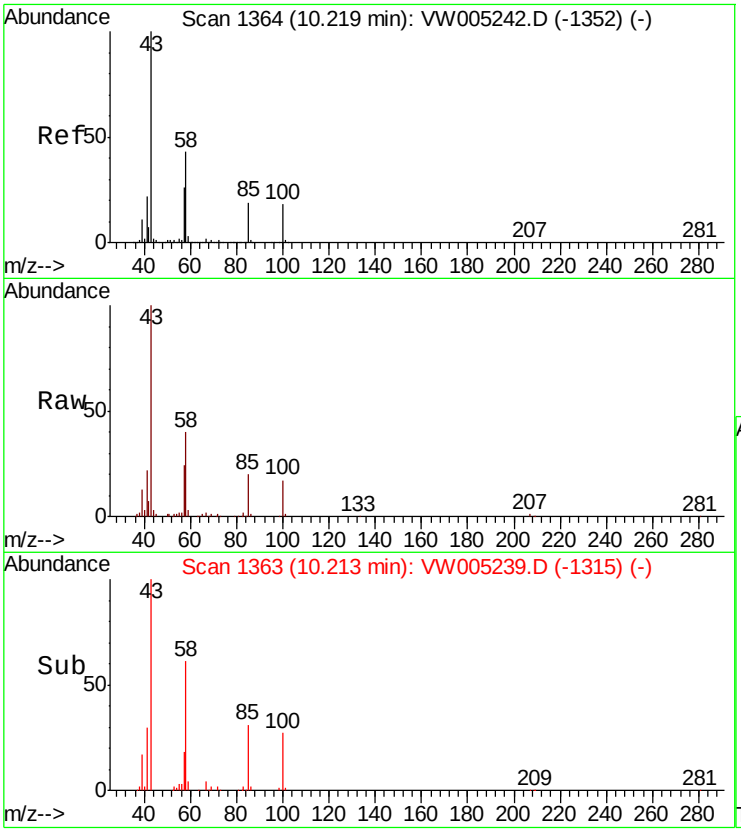




#50
Toluene-d8
Concen: 4.721 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 98 Resp: 90488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.6 | 52.0 | 78.0 |



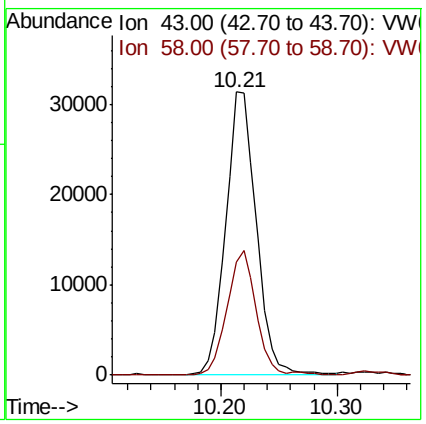


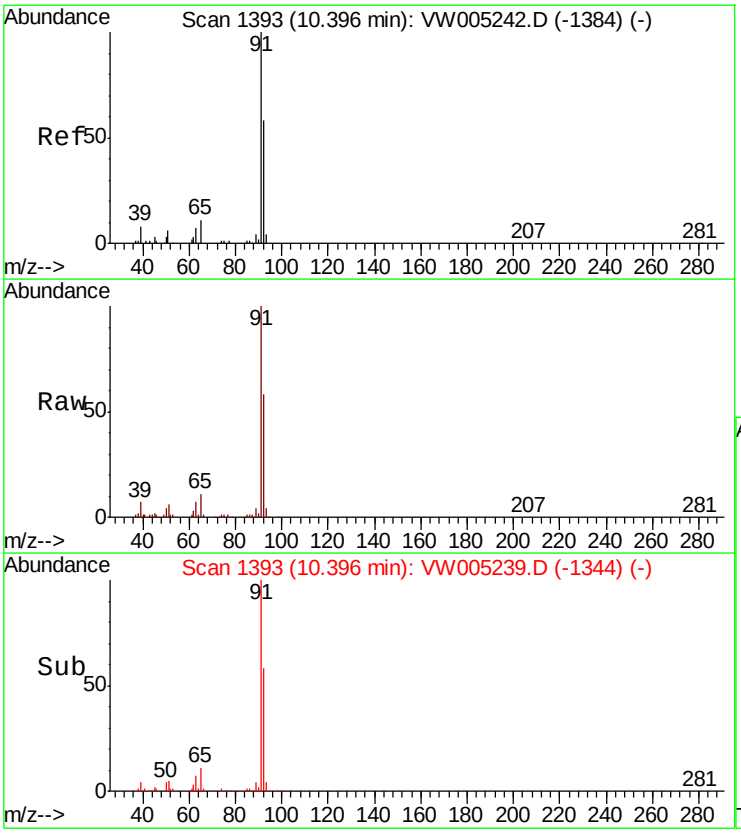

#51
4-Methyl-2-Pentanone
Concen: 21.786 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 43 Resp: 57453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.9 | 33.8 | 50.6 |

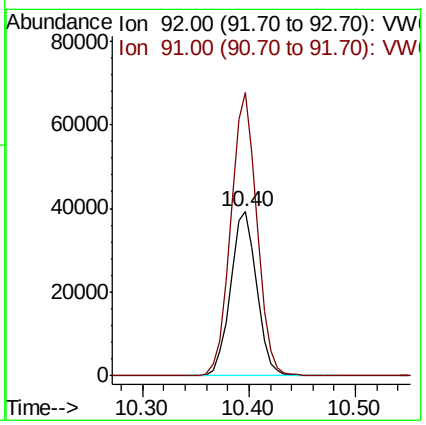


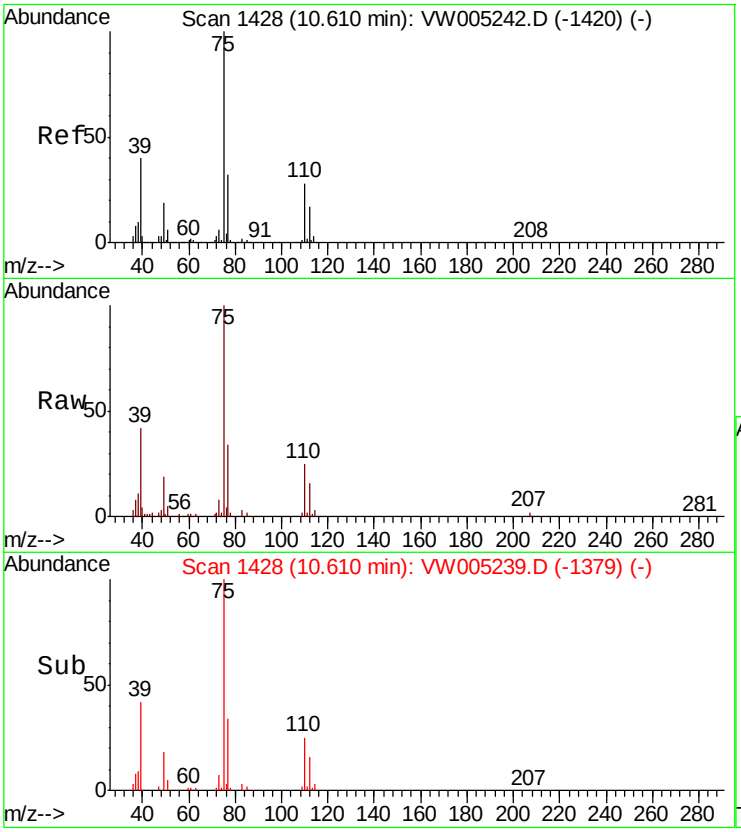




#52
Toluene
Concen: 4.792 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 92 Resp: 68074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 171.3 | 137.4 | 206.0 |



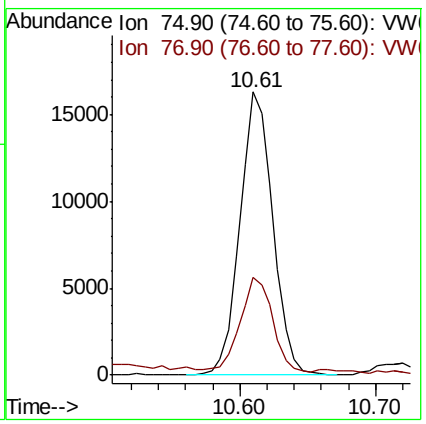


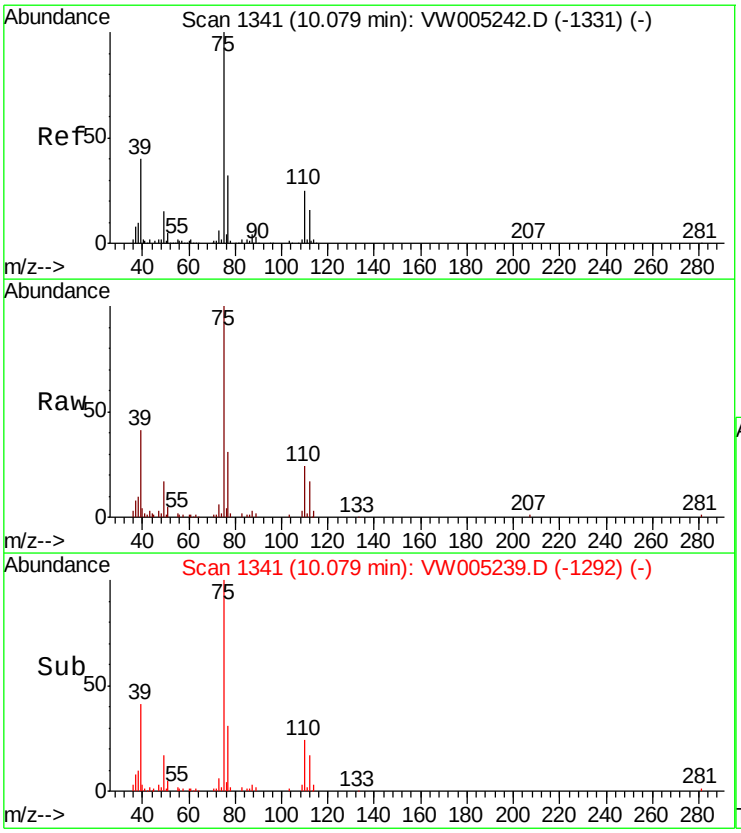

#53
t-1,3-Dichloropropene
Concen: 4.521 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 75 Resp: 27489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.0 | 25.8 | 38.8 |

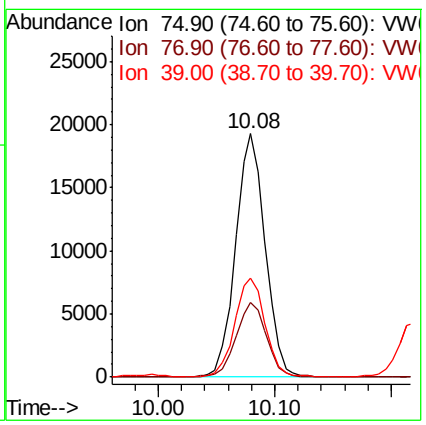


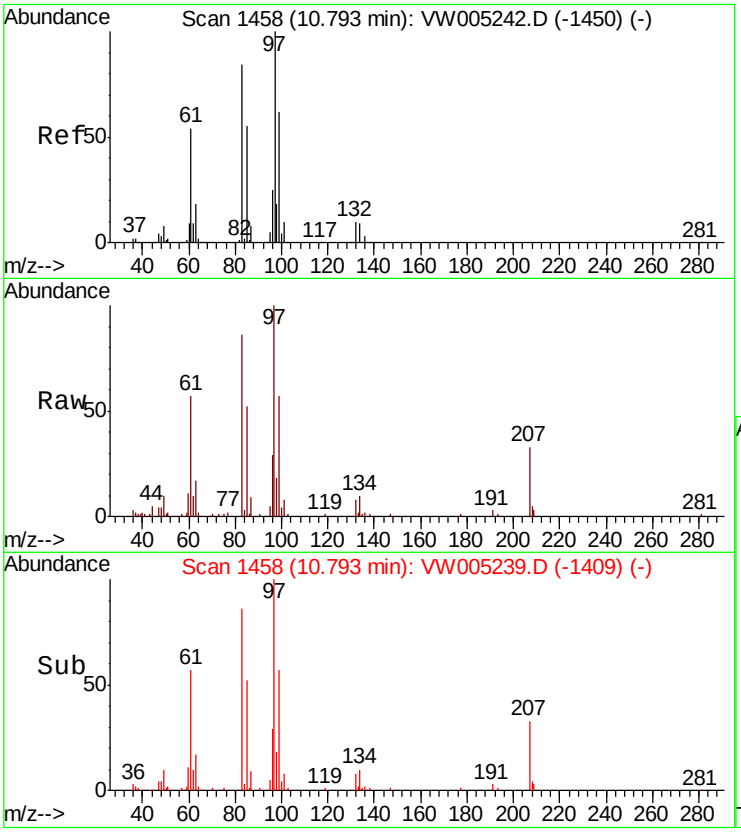




#54
cis-1,3-Dichloropropene
Concen: 4.681 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 75 Resp: 34078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.6 | 25.5 | 38.3 |
| 39 | 40.4 | 31.8 | 47.6 |



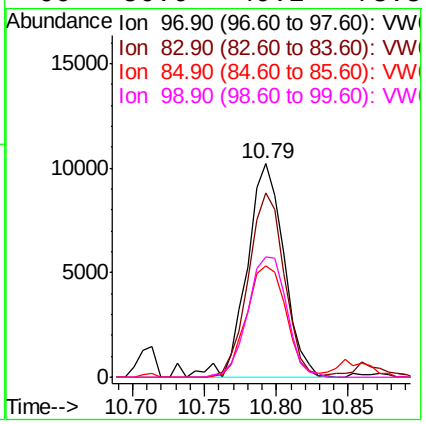


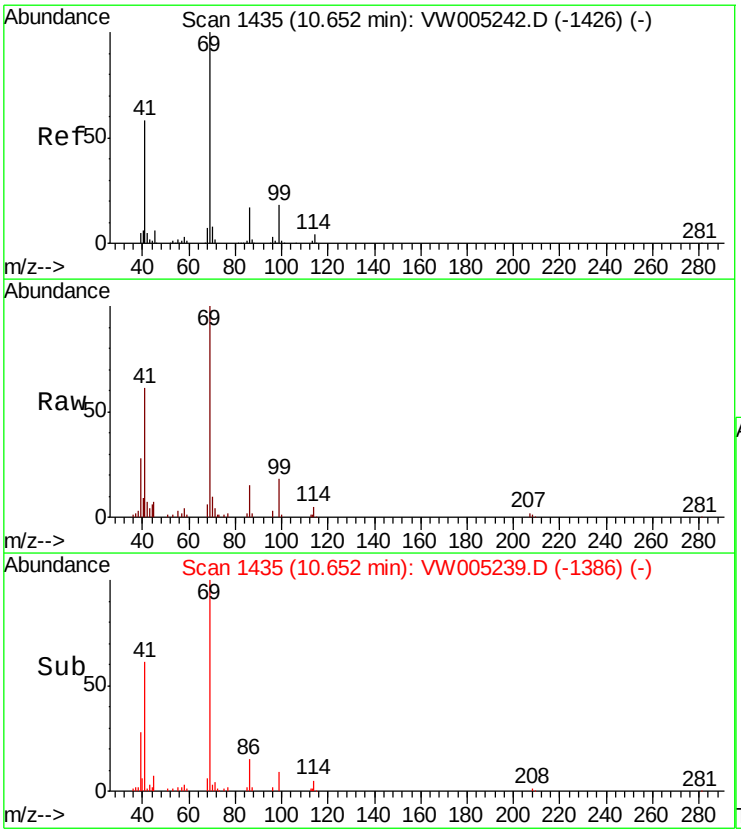

#55
1,1,2-Trichloroethane
Concen: 4.941 ug/l
RT: 10.79 min Scan# 1458
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 97 Resp: 18117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.3 | 67.2 | 100.8 |
| 85 | 52.4 | 44.4 | 66.6 |
| 99 | 56.6 | 49.2 | 73.8 |

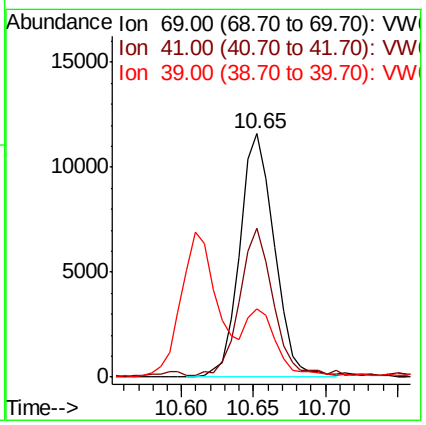


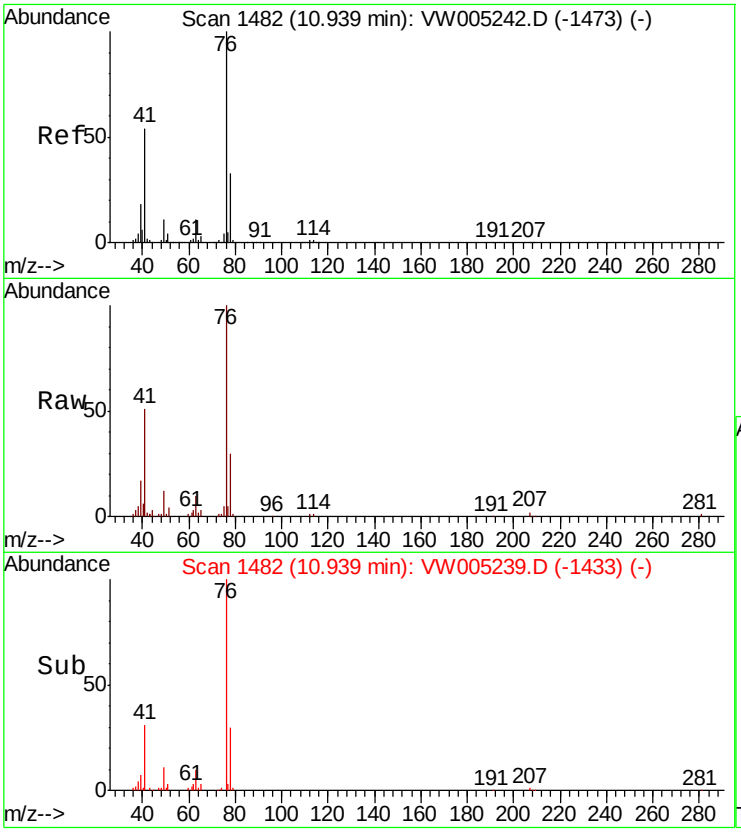




#56
Ethyl methacrylate
Concen: 4.143 ug/l
RT: 10.65 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 69 Resp: 19259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 58.9 | 48.7 | 73.1 |
| 39 | 23.7 | 20.9 | 31.3 |



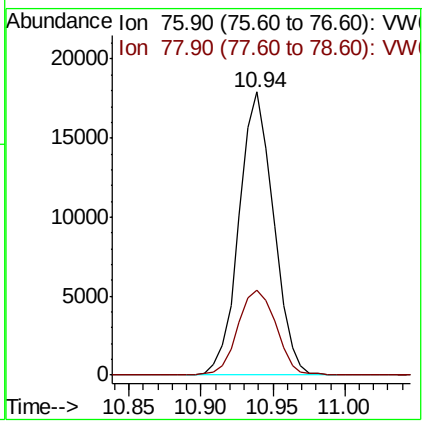


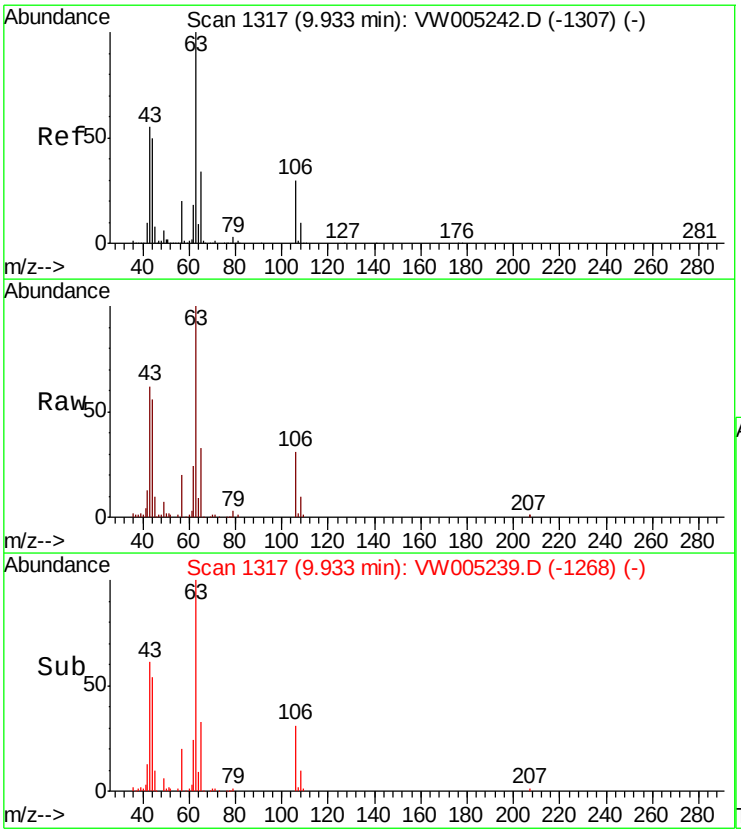

#57
1,3-Dichloropropane
Concen: 4.898 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 76 Resp: 29823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.2 | 26.0 | 39.0 |

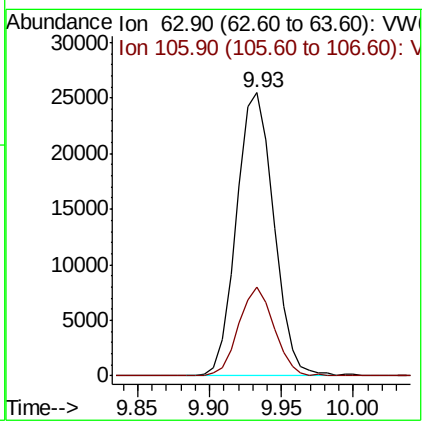


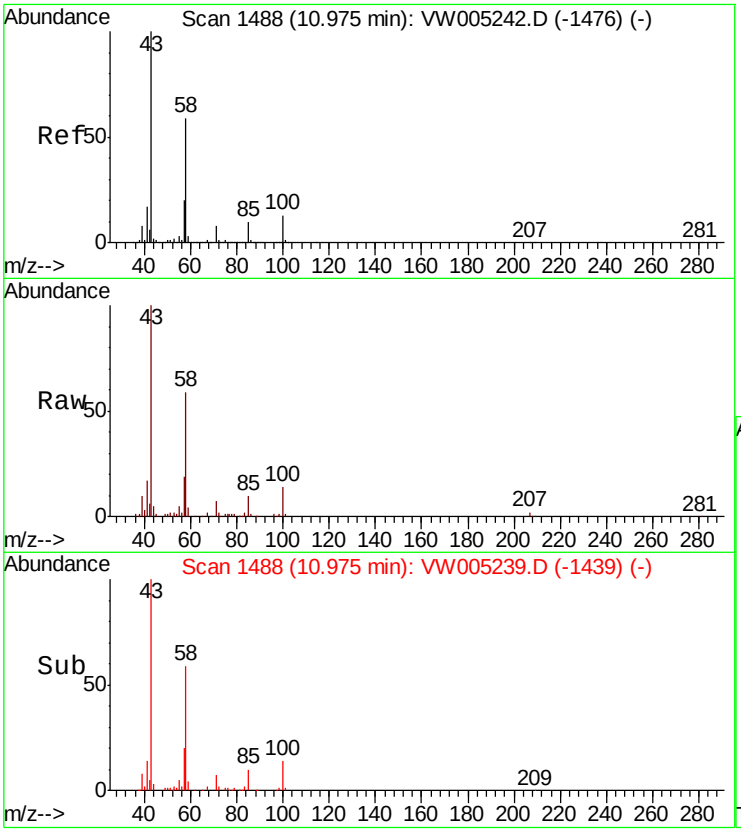




#58
2-Chloroethyl Vinyl ether
Concen: 22.671 ug/l
RT: 9.93 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 63 Resp: 45806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.7 | 23.4 | 35.0 |



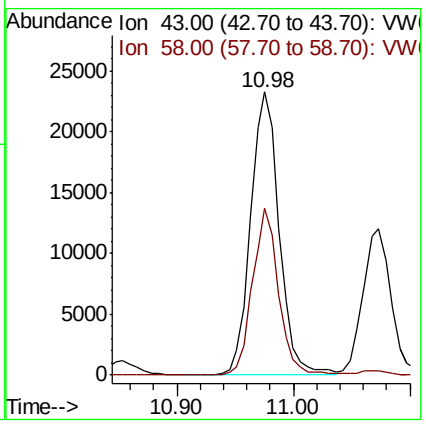


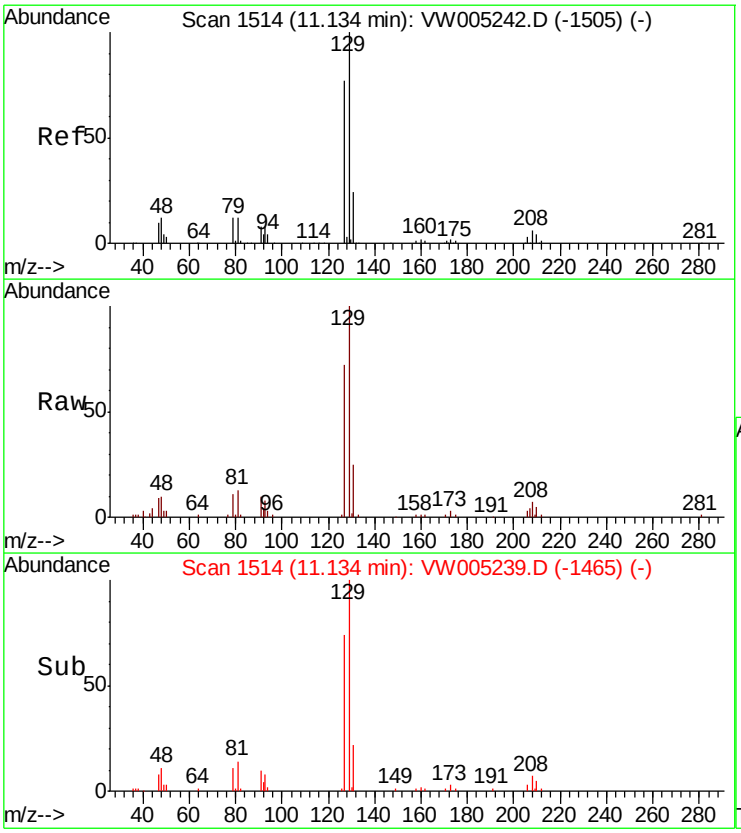

#59
2-Hexanone
Concen: 21.019 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 43 Resp: 39961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.7 | 29.3 | 87.9 |

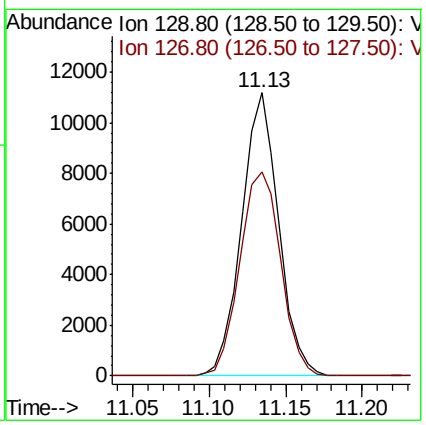


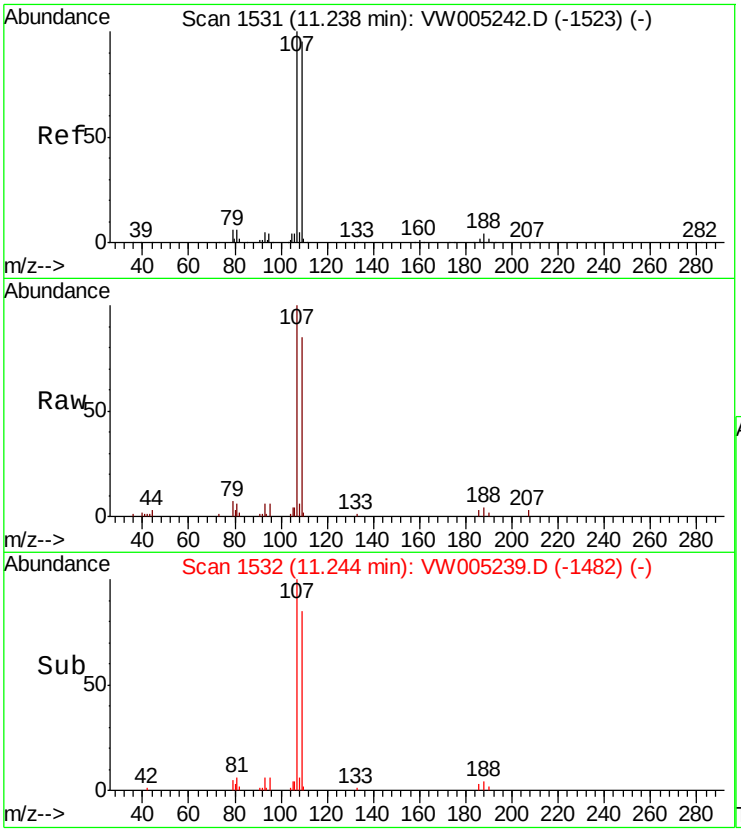




#60
Dibromochloromethane
Concen: 4.622 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:129 Resp: 18804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.7 | 39.0 | 117.0 |



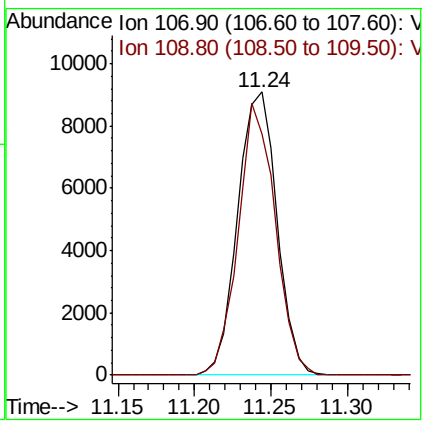


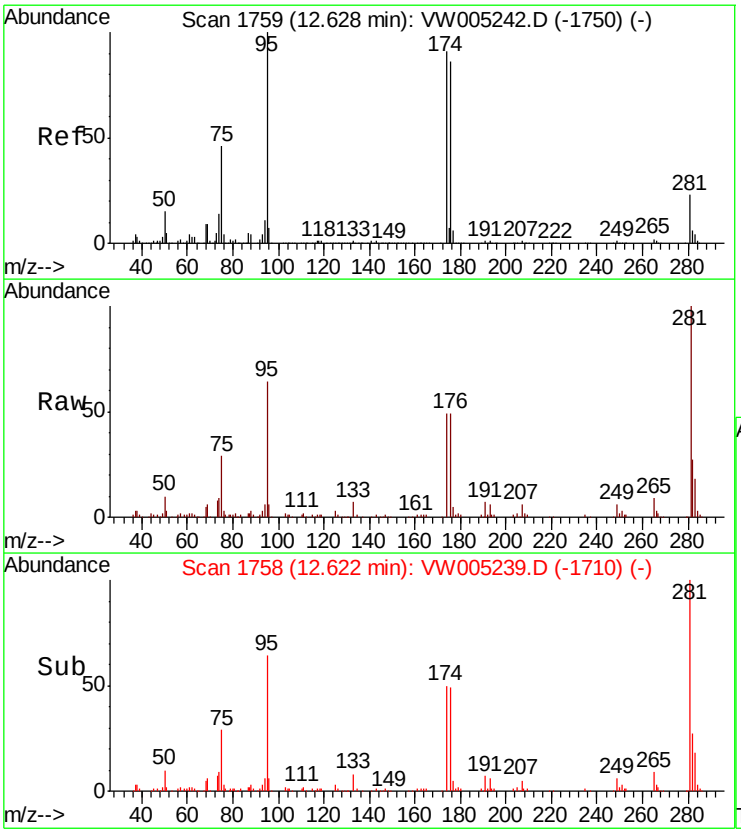

#61
1,2-Dibromoethane
Concen: 4.825 ug/l
RT: 11.24 min Scan# 1532
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:107 Resp: 16223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 90.2 | 75.7 | 113.5 |

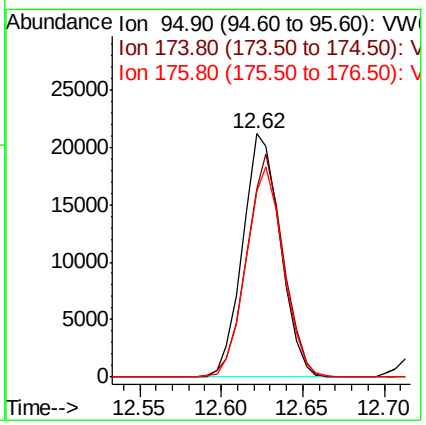


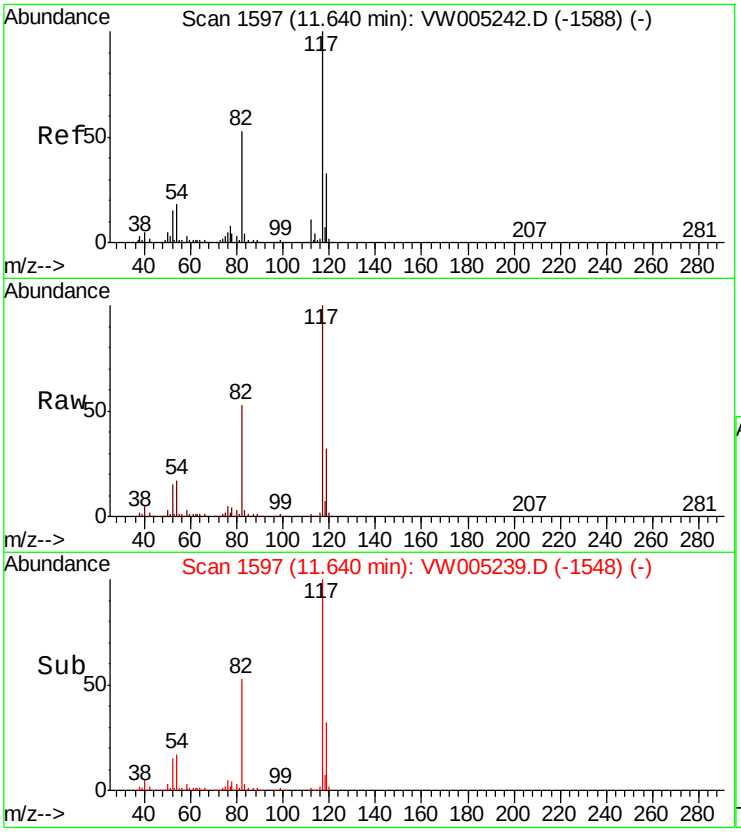




#62
4-Bromofluorobenzene
Concen: 4.858 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 95 Resp: 34059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 88.8 | 0.0 | 174.6 |
| 176 | 85.8 | 0.0 | 167.6 |



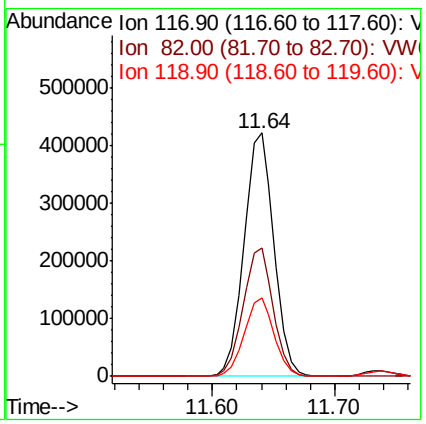


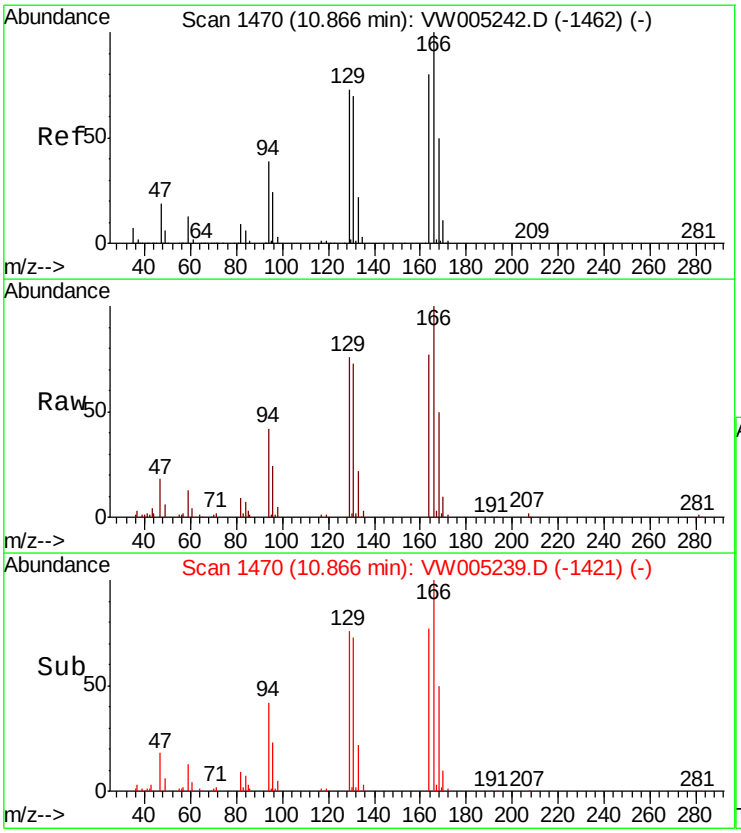

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:117 Resp: 713809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.5 | 42.6 | 63.8 |
| 119 | 32.1 | 26.2 | 39.4 |

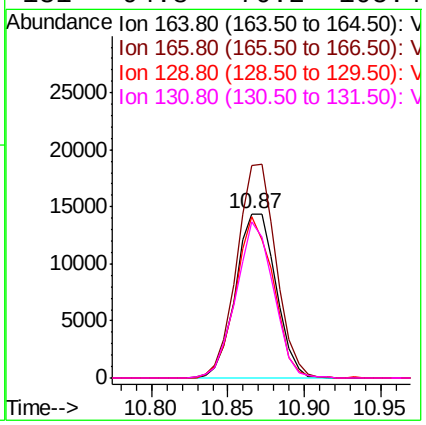


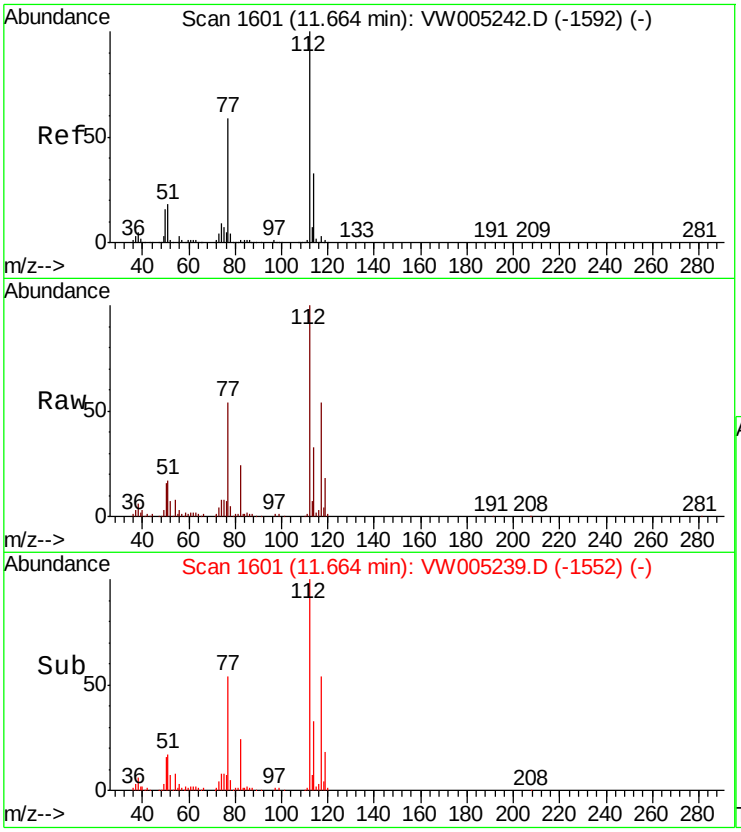




#64
Tetrachloroethene
Concen: 4.973 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:164 Resp: 26336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.2 | 100.2 | 150.2 |
| 129 | 98.3 | 73.2 | 109.8 |
| 131 | 94.8 | 70.2 | 105.4 |



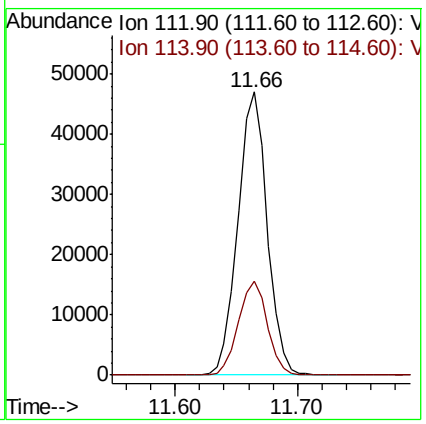


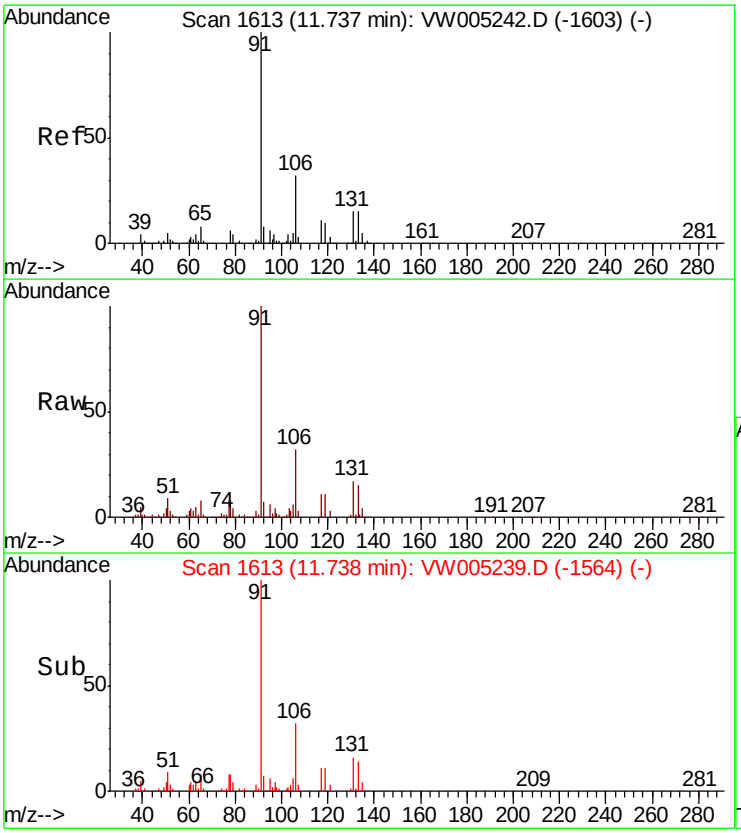

#65
Chlorobenzene
Concen: 4.971 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:112 Resp: 77738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.0 | 26.2 | 39.4 |

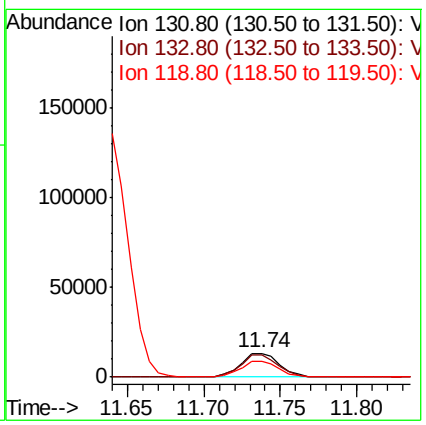


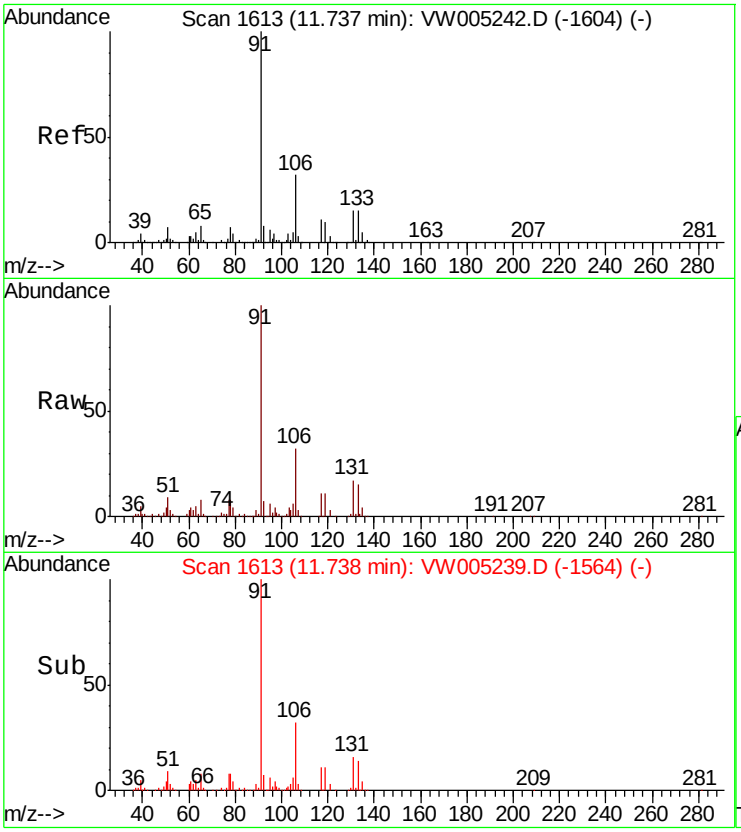




#66
1,1,1,2-Tetrachloroethane
Concen: 4.974 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:131 Resp: 23223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 92.7 | 48.1 | 144.3 |
| 119 | 65.0 | 33.4 | 100.1 |



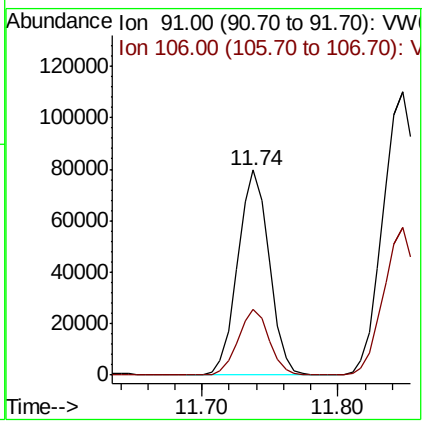


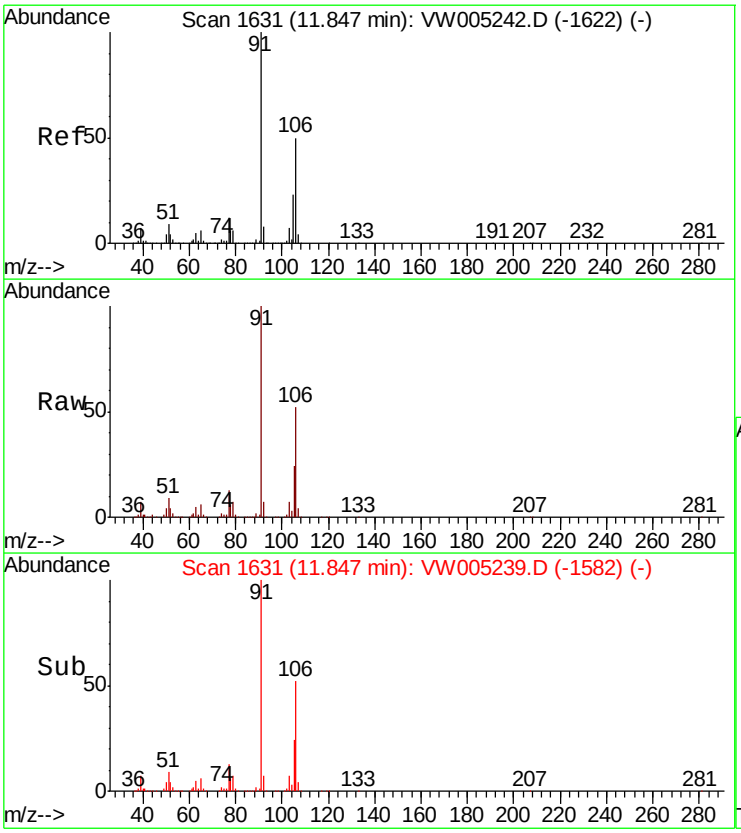

#67
Ethyl Benzene
Concen: 4.739 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 91 Resp: 129050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.4 | 25.6 | 38.4 |

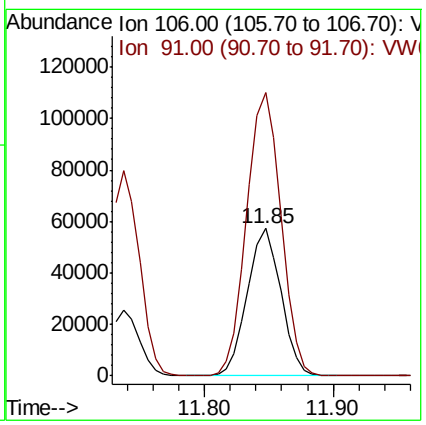


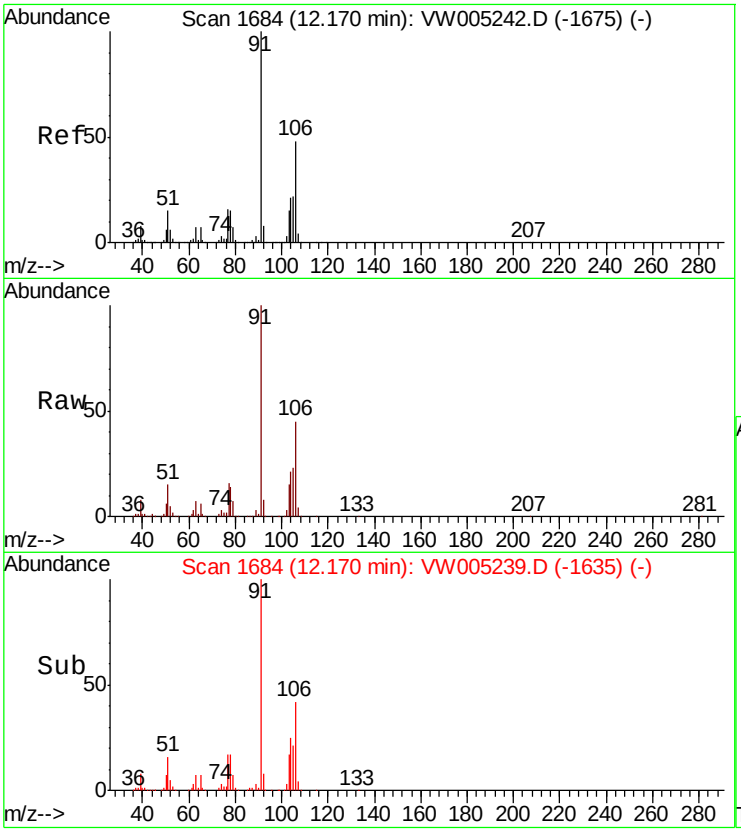




#68
m/p-Xylenes
Concen: 9.427 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:106 Resp: 103451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.2 | 160.2 | 240.2 |



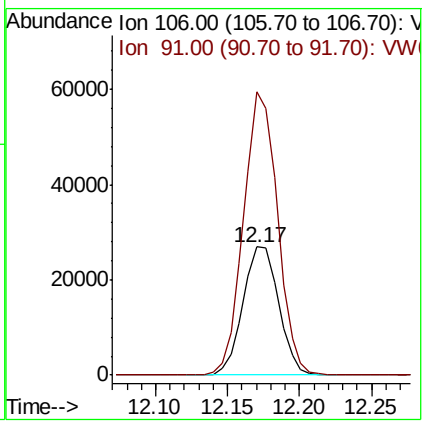


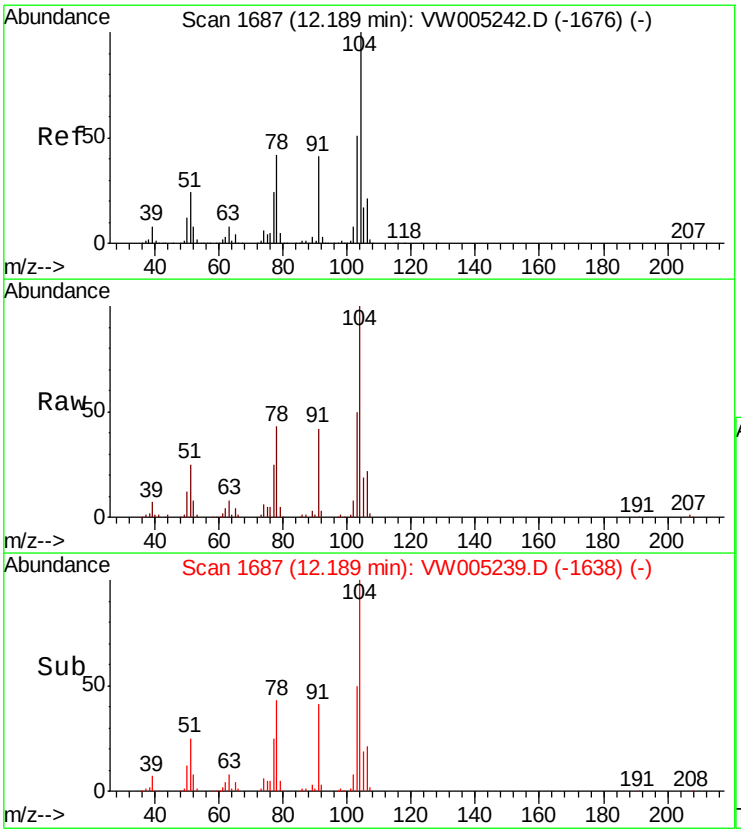

#69
o-Xylene
Concen: 4.540 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:106 Resp: 46348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.0 | 104.1 | 312.3 |

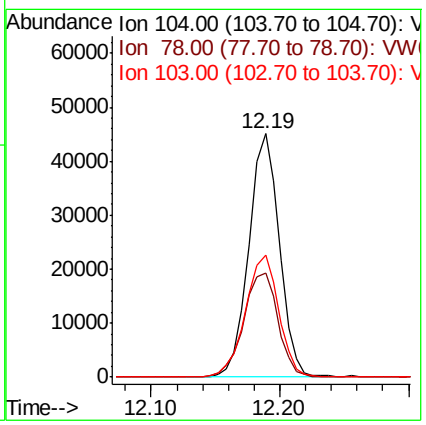


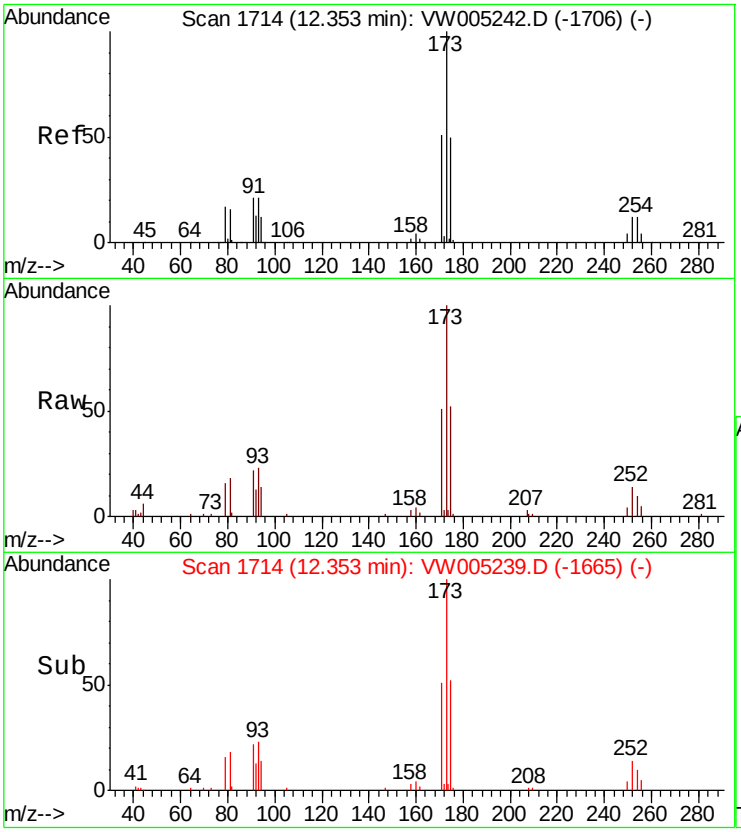




#70
Styrene
Concen: 4.412 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:104 Resp: 73503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.5 | 37.4 | 56.2 |
| 103 | 55.0 | 44.1 | 66.1 |



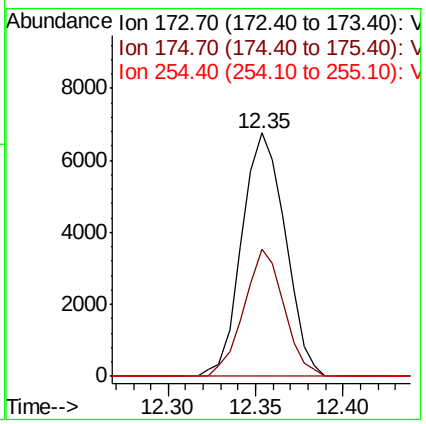


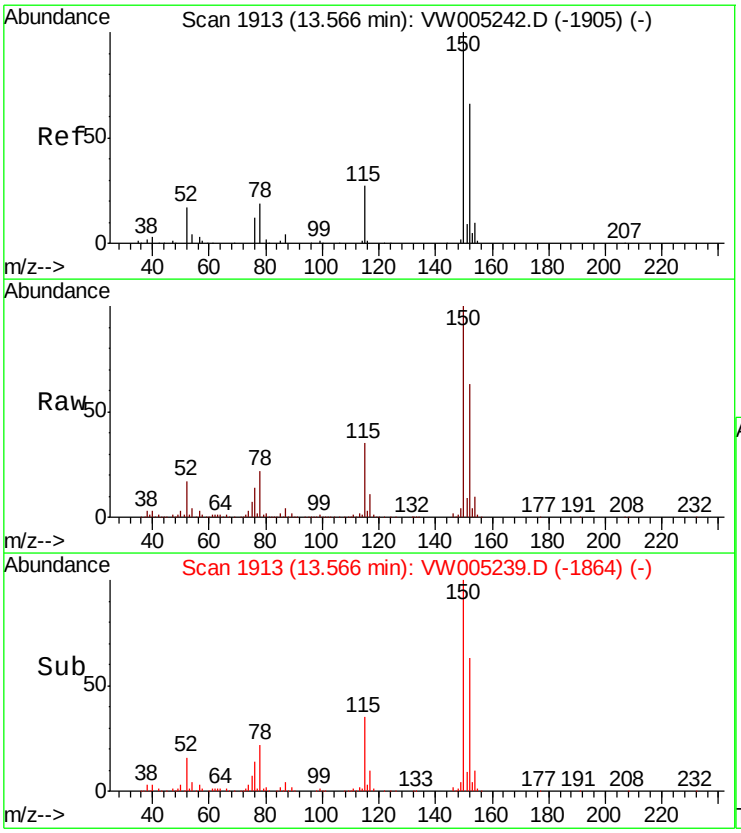

#71
Bromoform
Concen: 4.613 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:173 Resp: 11678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.1 | 24.9 | 74.6 |
| 254 | 0.0 | 0.1 | 0.1# |

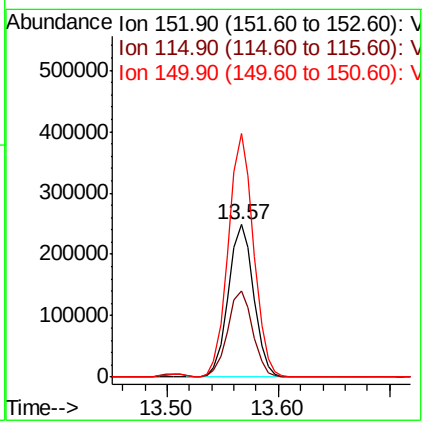


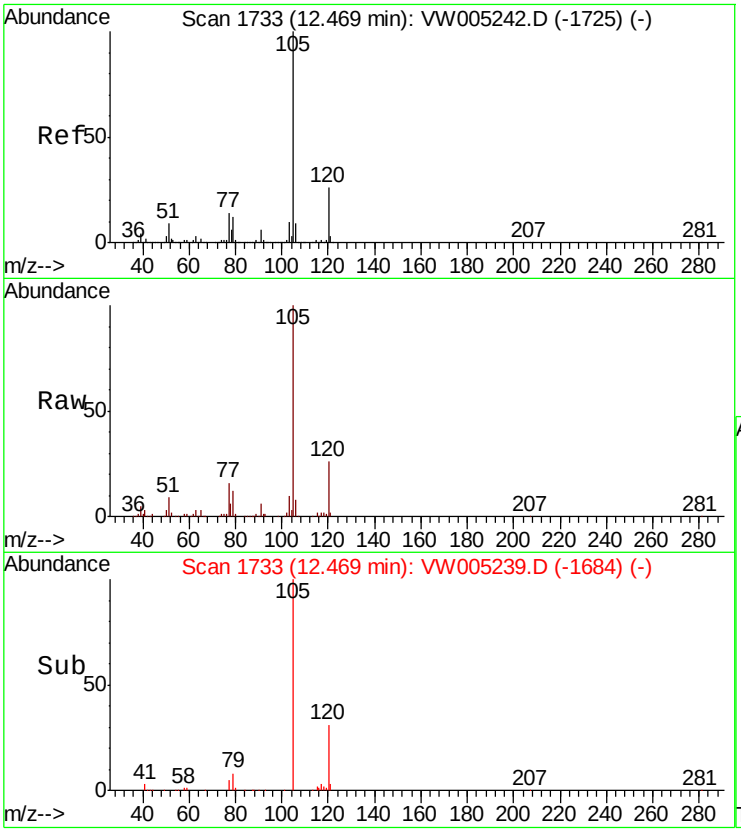




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:152 Resp: 391657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.0 | 27.5 | 82.4 |
| 150 | 159.0 | 0.0 | 347.4 |



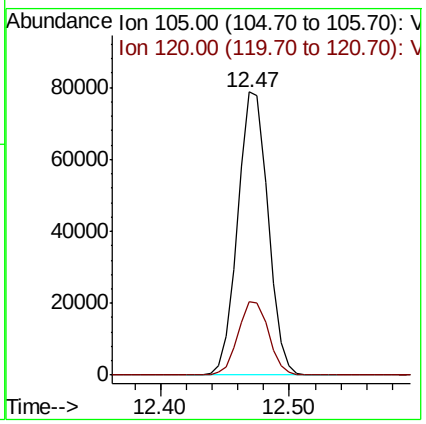


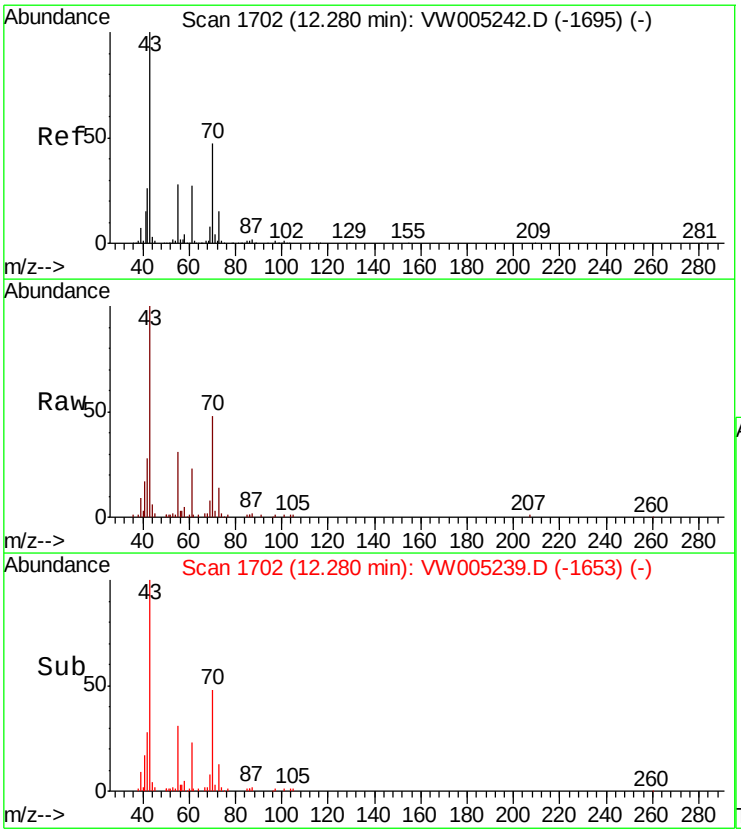

#73
Isopropylbenzene
Concen: 4.618 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:105 Resp: 127793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 13.4 | 40.1 |

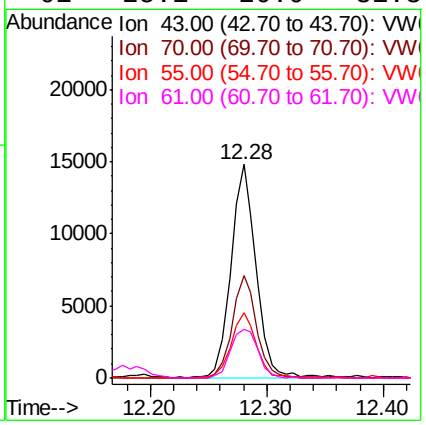


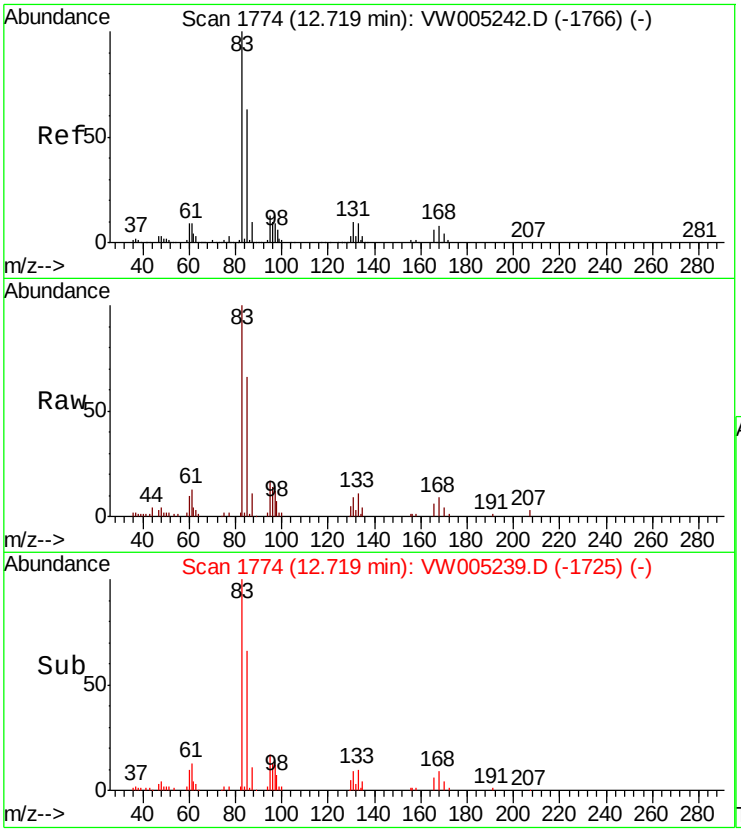




#74
N-amyl acetate
Concen: 4.235 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 43 Resp: 22299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 46.3 | 37.9 | 56.9 |
| 55 | 30.6 | 22.6 | 33.8 |
| 61 | 25.1 | 20.9 | 31.3 |



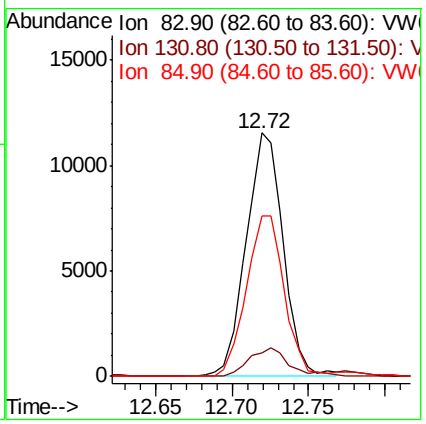


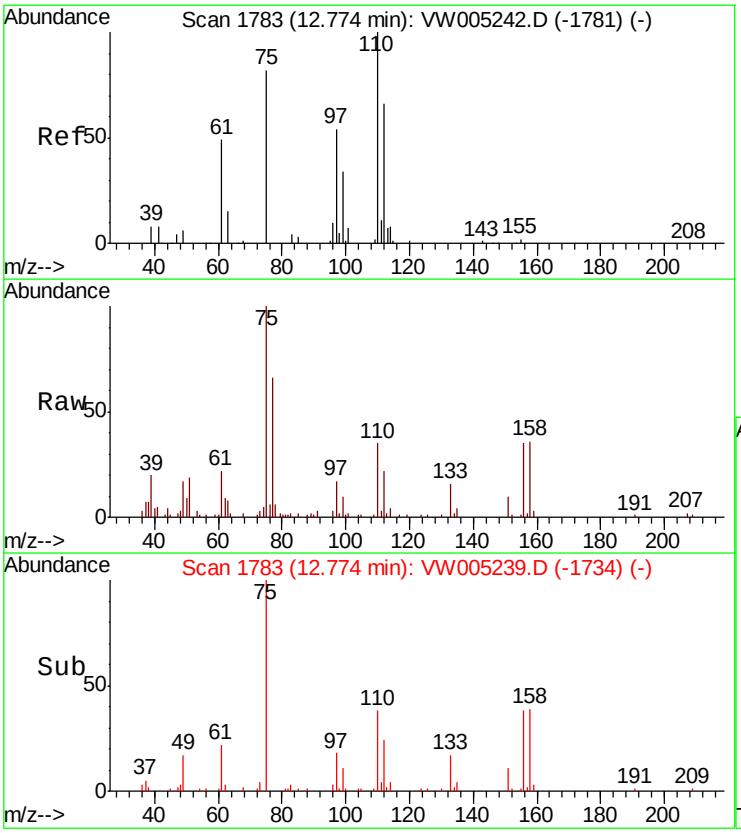

#75
1,1,2,2-Tetrachloroethane
Concen: 4.681 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 83 Resp: 19466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 12.3 | 5.5 | 16.4 |
| 85 | 67.4 | 31.6 | 95.0 |

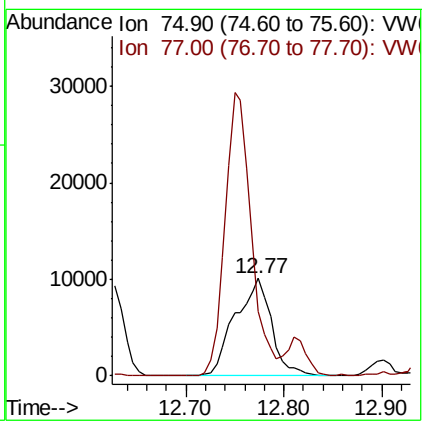


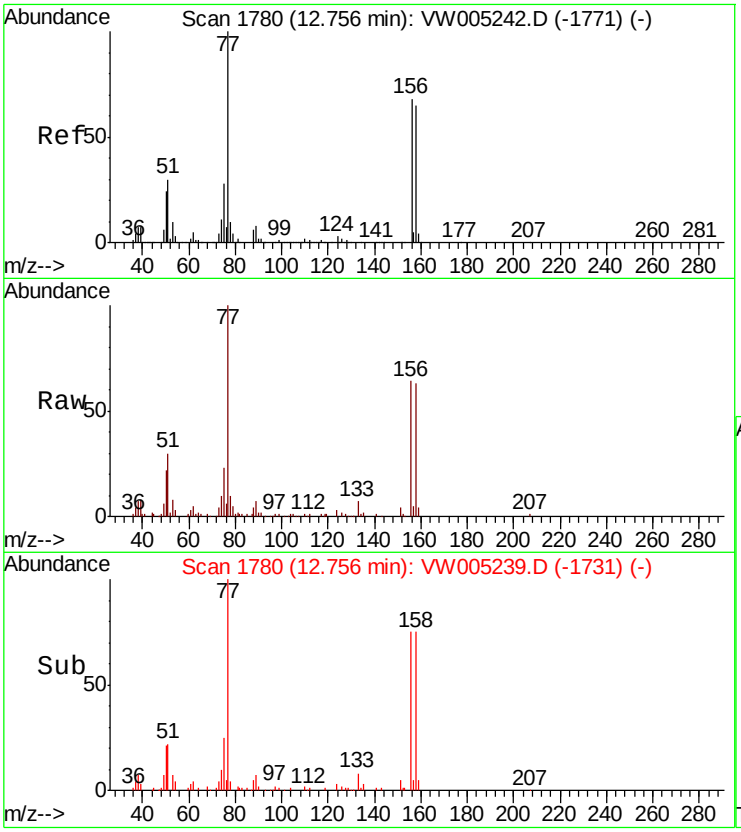




#76
1,2,3-Trichloropropane
Concen: 5.140 ug/l
RT: 12.77 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 75 Resp: 26146

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



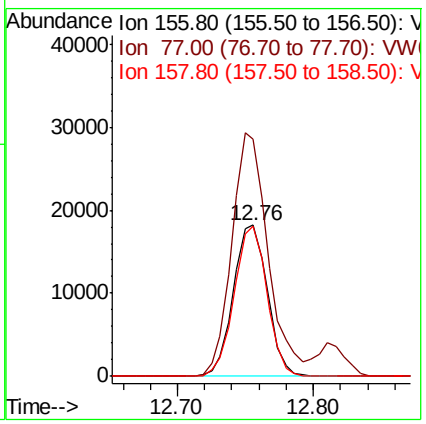


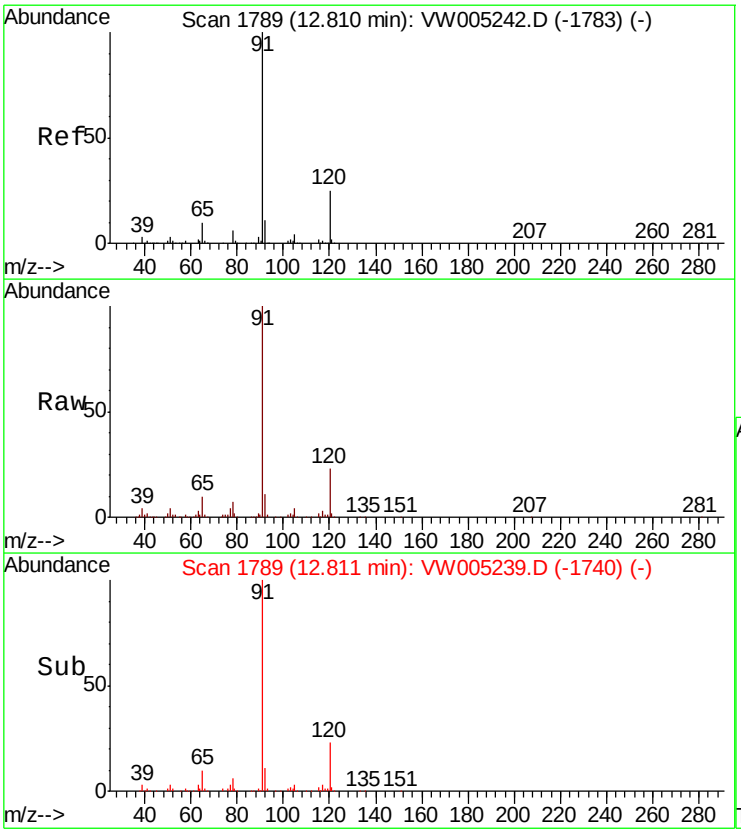

#77
Bromobenzene
Concen: 4.901 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:156 Resp: 31949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 170.5 | 86.3 | 258.8 |
| 158 | 95.0 | 48.6 | 145.8 |

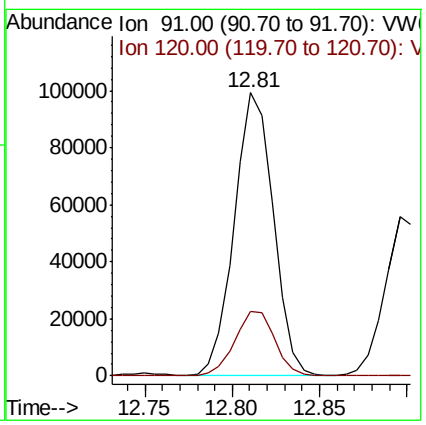


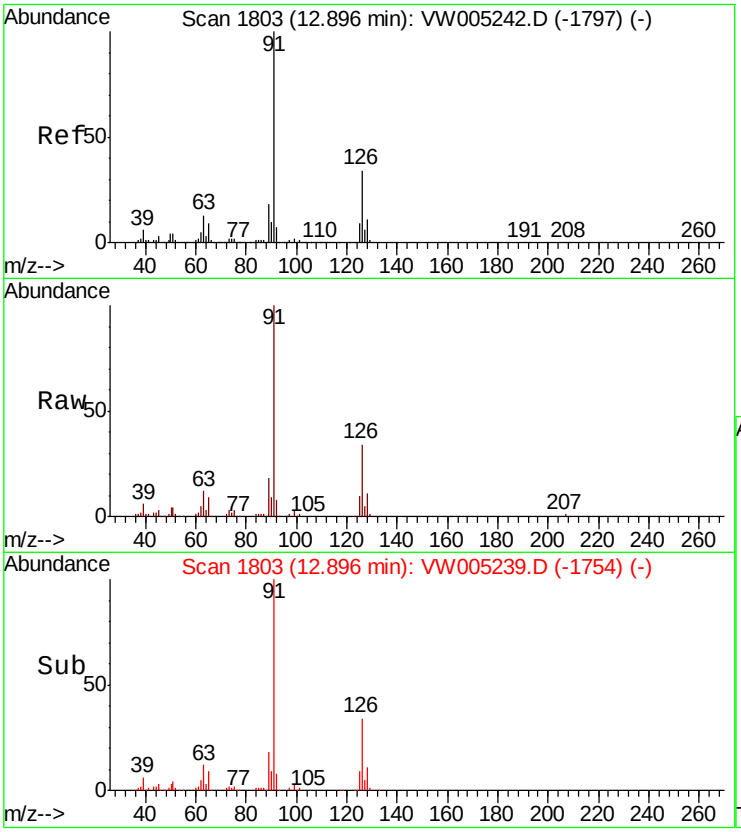




#78
n-propylbenzene
Concen: 4.651 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 91 Resp: 154562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.4 | 12.0 | 36.0 |



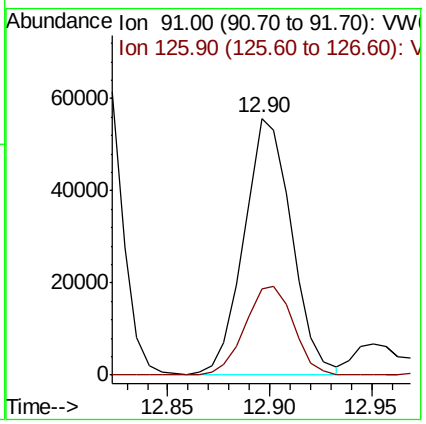


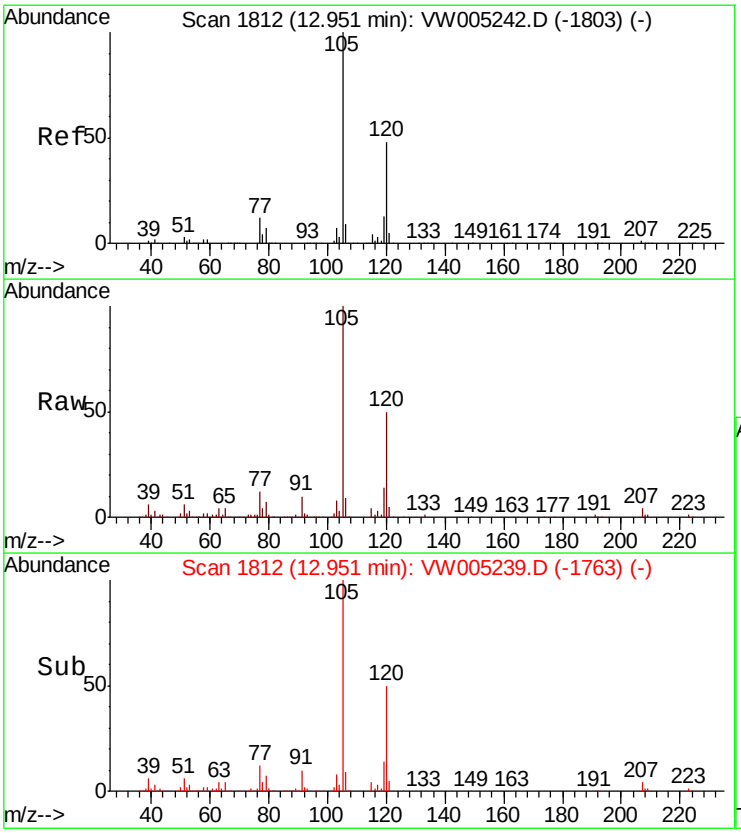

#79
2-Chlorotoluene
Concen: 4.748 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 91 Resp: 90491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.2 | 17.2 | 51.5 |

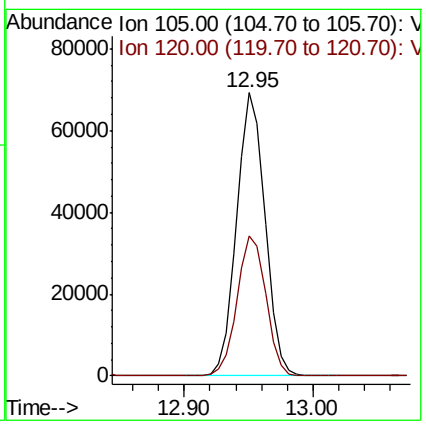


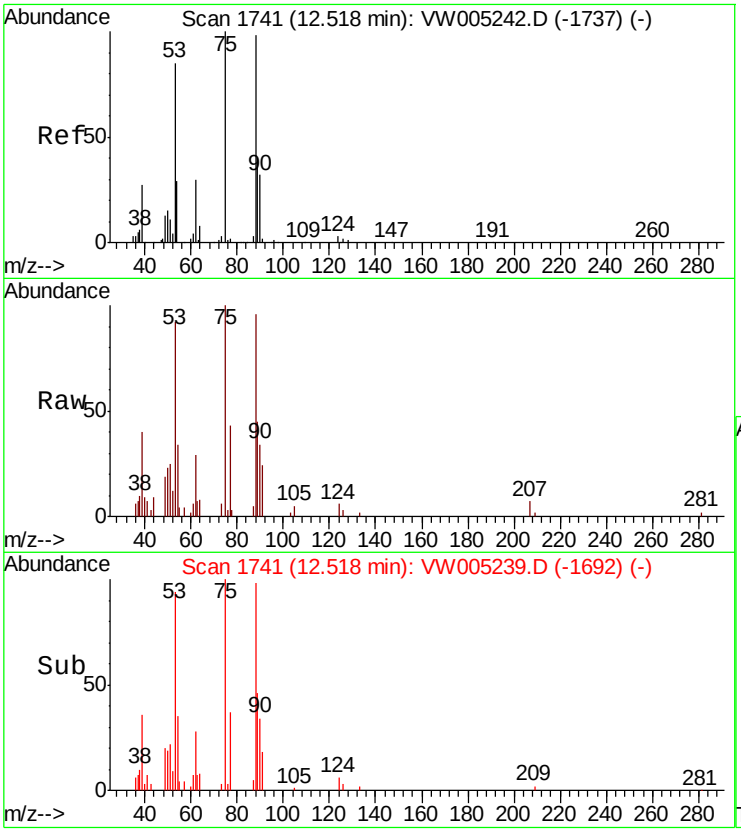




#80
1,3,5-Trimethylbenzene
Concen: 4.460 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:105 Resp: 105086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.6 | 24.4 | 73.4 |



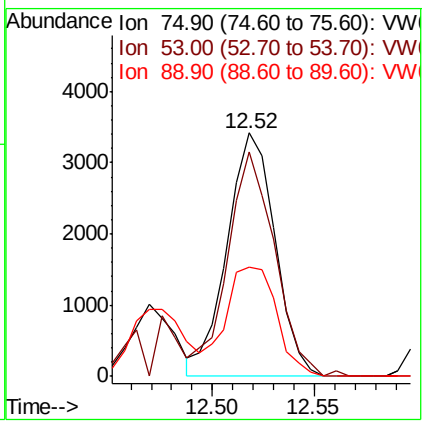


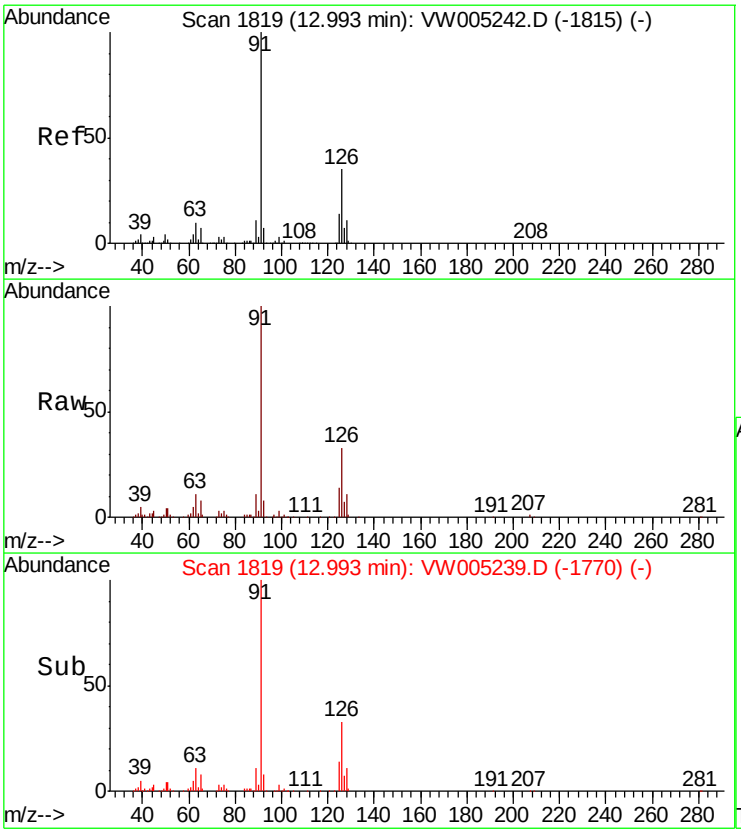

#81
trans-1,4-Dichloro-2-butene
Concen: 4.337 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 75 Resp: 5571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 91.1 | 67.0 | 100.6 |
| 89 | 47.9 | 37.0 | 55.4 |

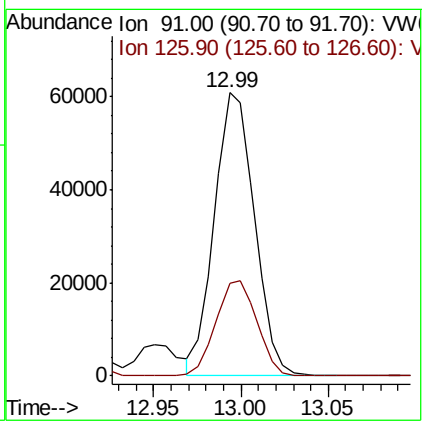


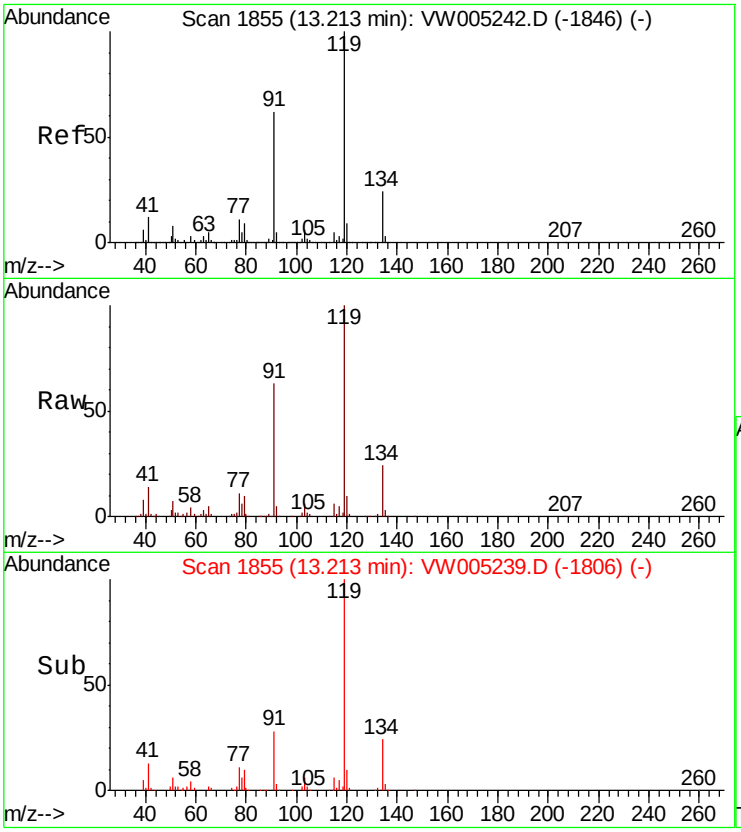




#82
4-Chlorotoluene
Concen: 4.850 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 91 Resp: 97159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.5 | 17.5 | 52.5 |



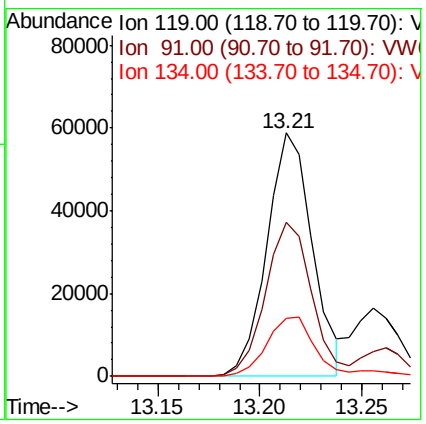


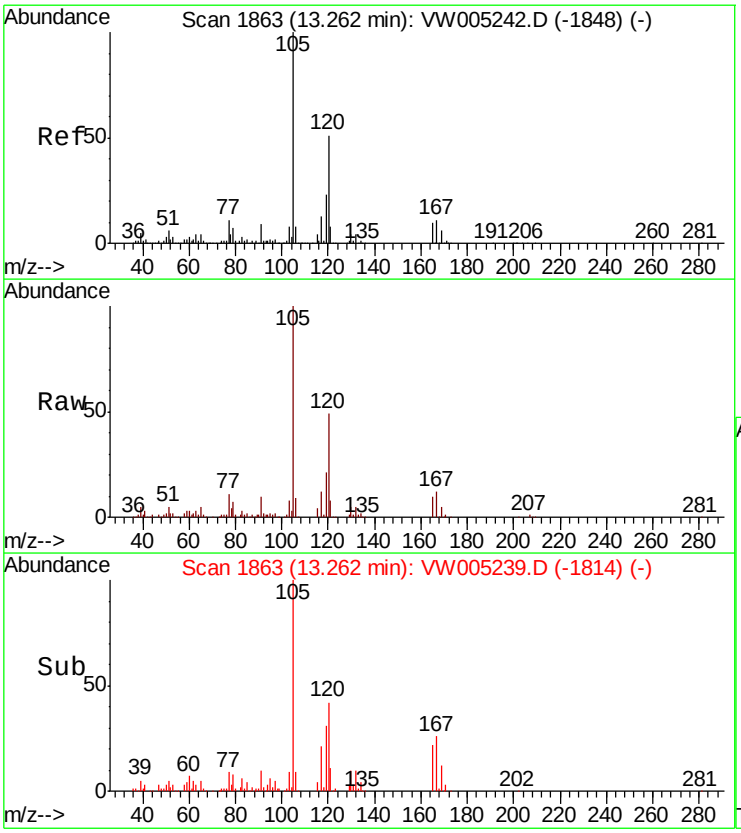

#83
tert-Butylbenzene
Concen: 4.437 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:119 Resp: 91435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.7 | 31.7 | 95.1 |
| 134 | 27.2 | 13.0 | 38.9 |

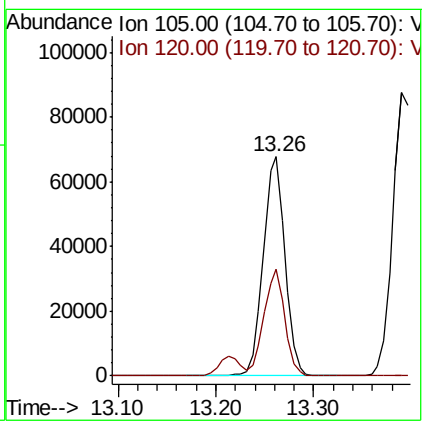


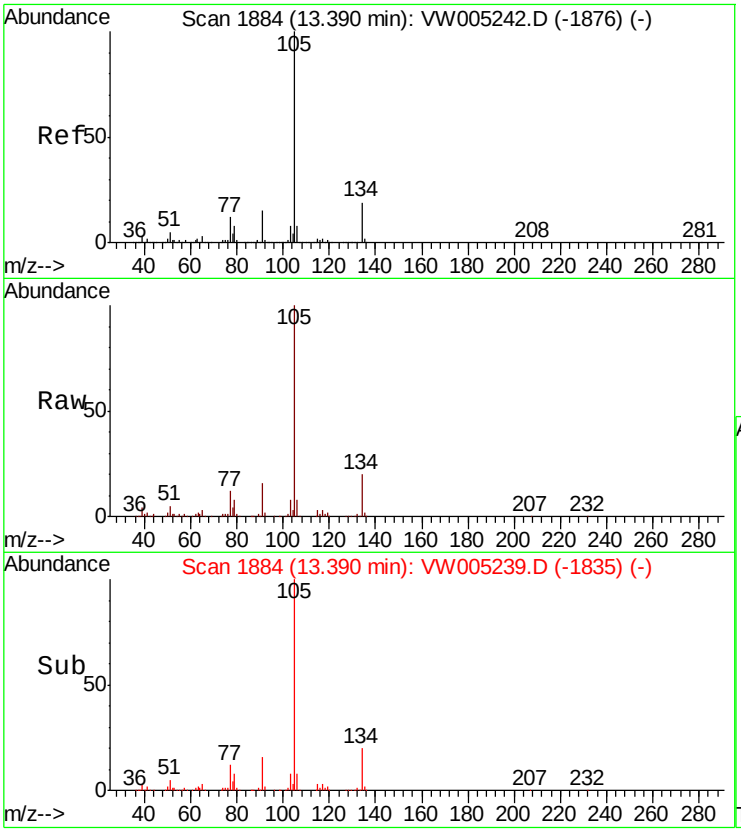




#84
1,2,4-Trimethylbenzene
Concen: 4.479 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:105 Resp: 106063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.4 | 23.4 | 70.3 |



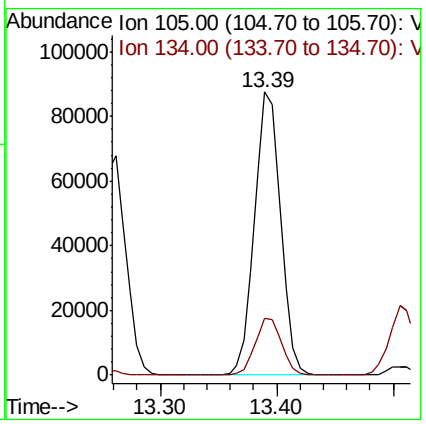


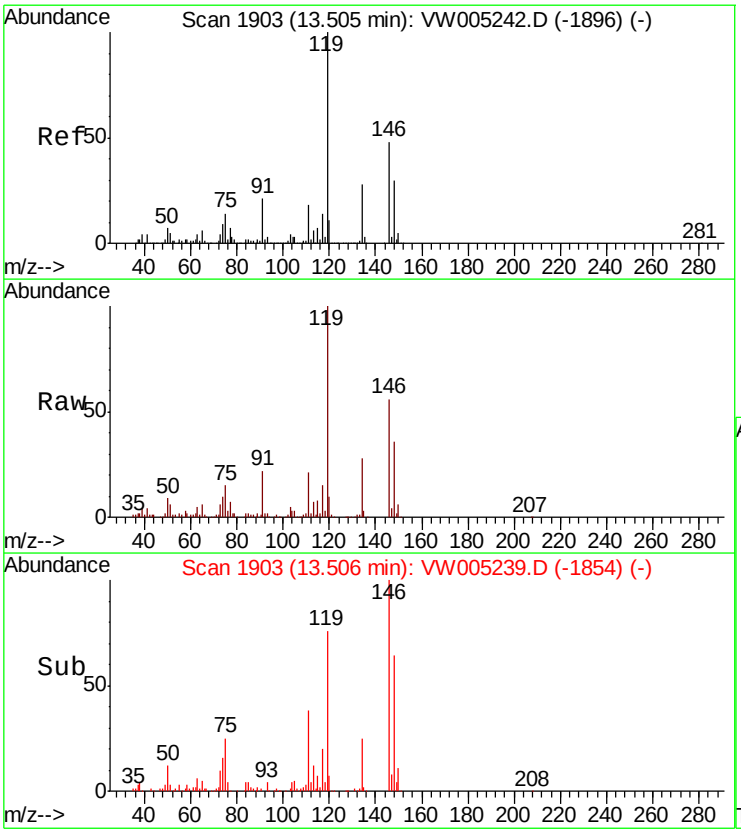

#85
sec-Butylbenzene
Concen: 4.651 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:105 Resp: 137757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.4 | 9.9 | 29.7 |

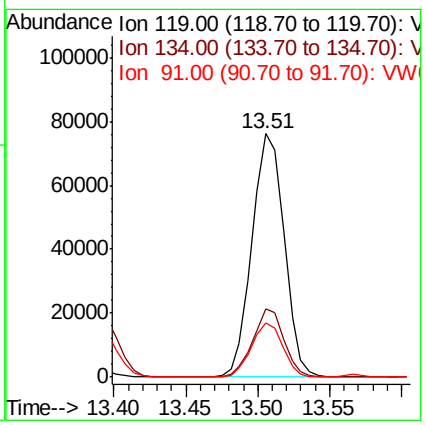


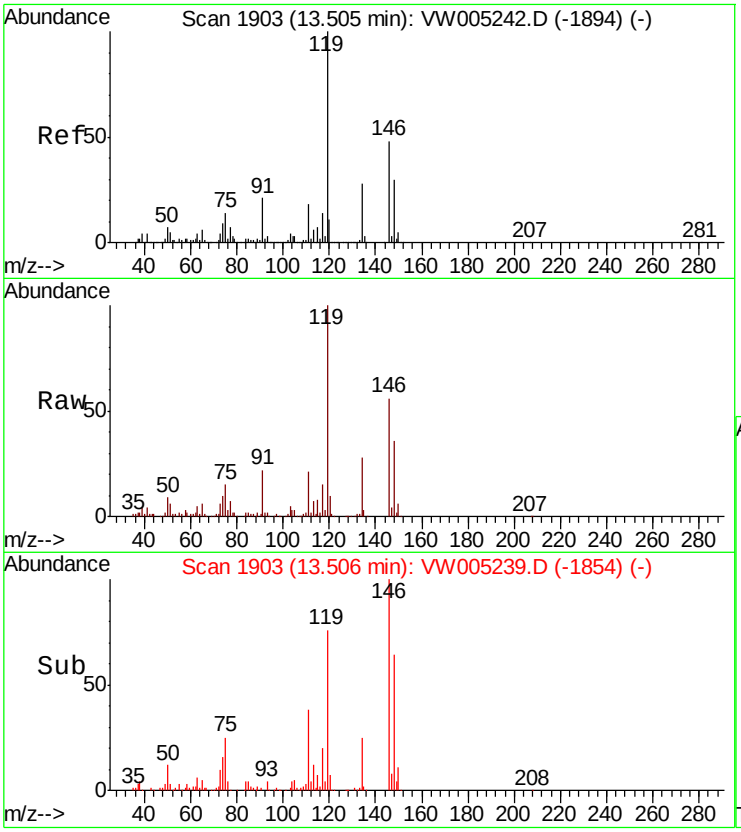




#86
p-Isopropyltoluene
Concen: 4.476 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:119 Resp: 117370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.2 | 13.2 | 39.5 |
| 91 | 22.1 | 10.7 | 32.1 |



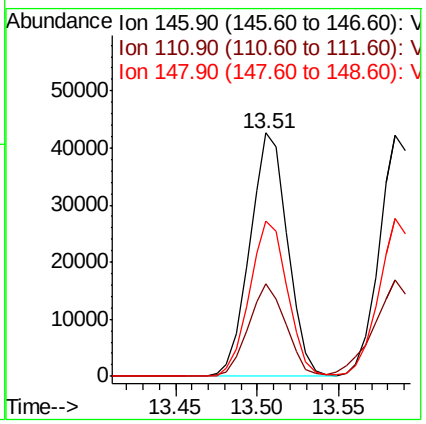


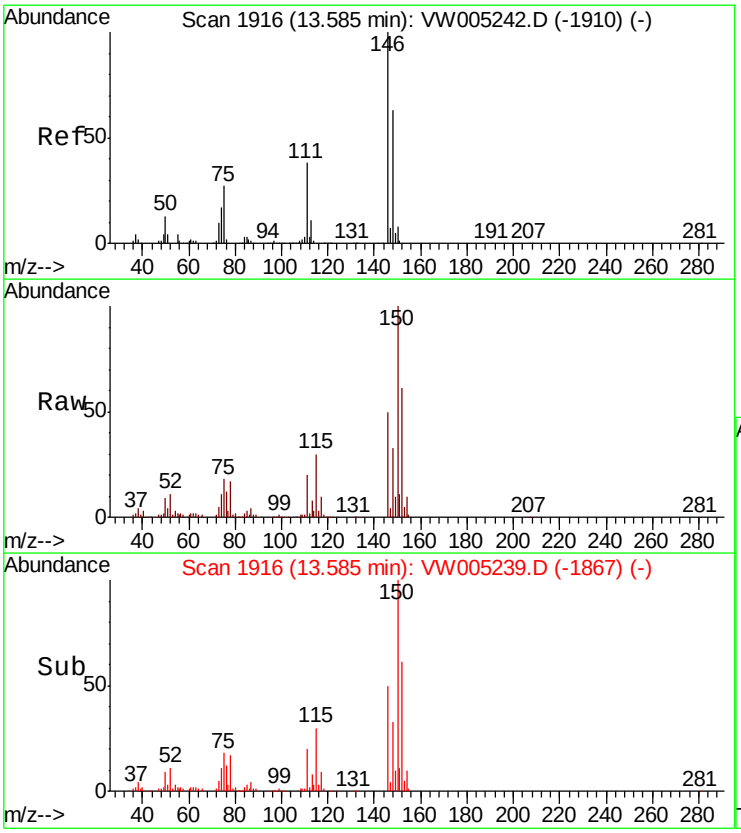

#87
1,3-Dichlorobenzene
Concen: 4.997 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:146 Resp: 68407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.8 | 18.8 | 56.3 |
| 148 | 64.0 | 31.6 | 94.8 |

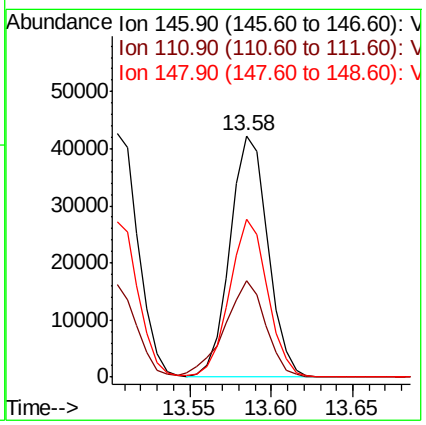


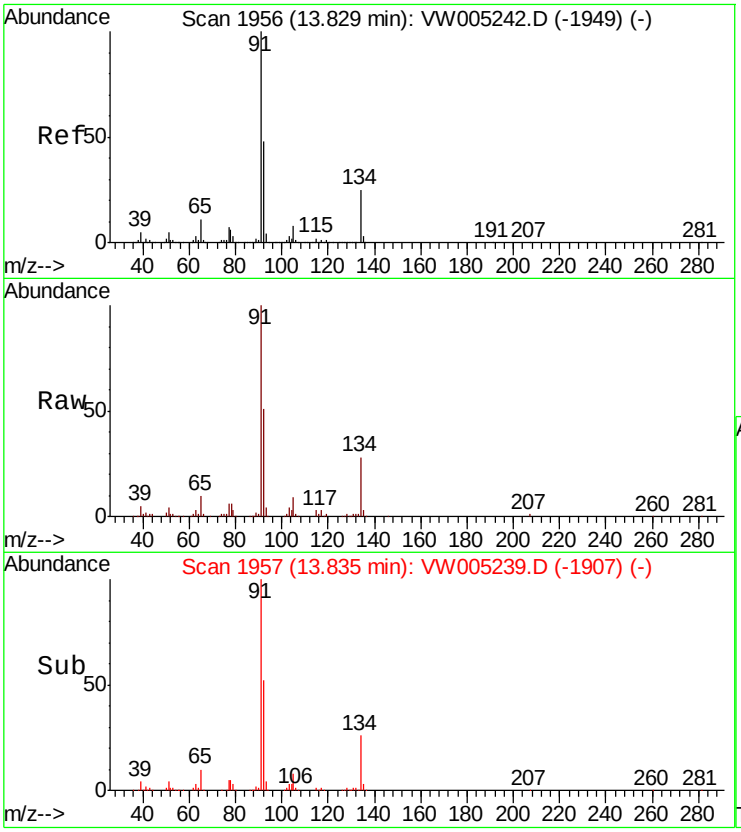




#88
1,4-Dichlorobenzene
Concen: 5.084 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:146 Resp: 68357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.3 | 19.1 | 57.3 |
| 148 | 65.8 | 32.3 | 96.9 |



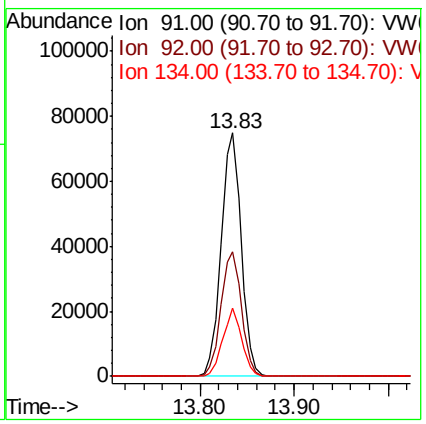


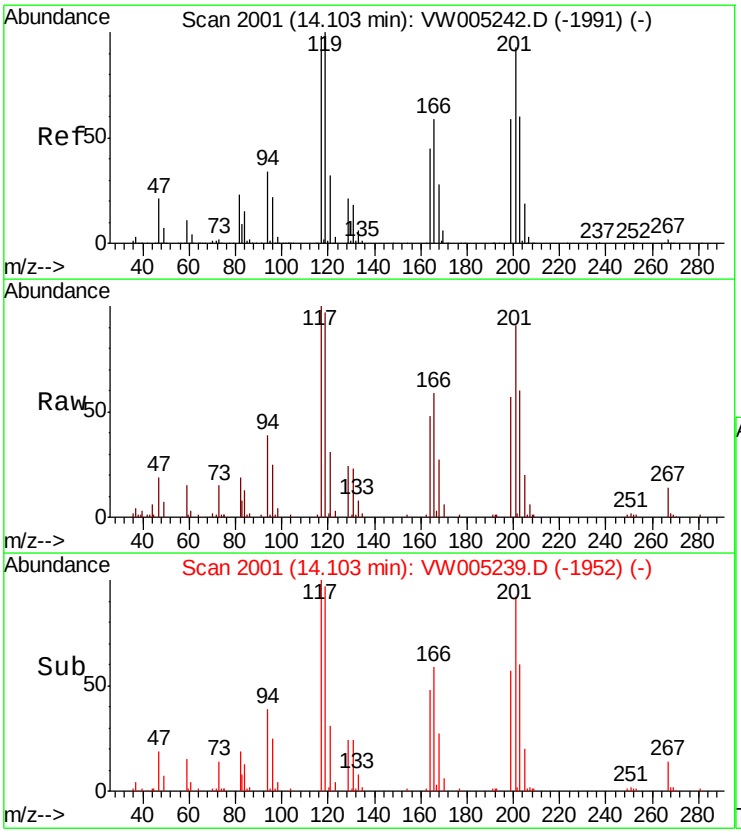

#89
n-Butylbenzene
Concen: 4.494 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion: 91 Resp: 110772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.9 | 25.8 | 77.3 |
| 134 | 26.3 | 13.6 | 40.8 |

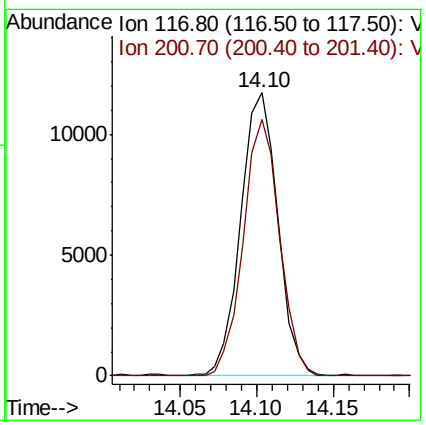


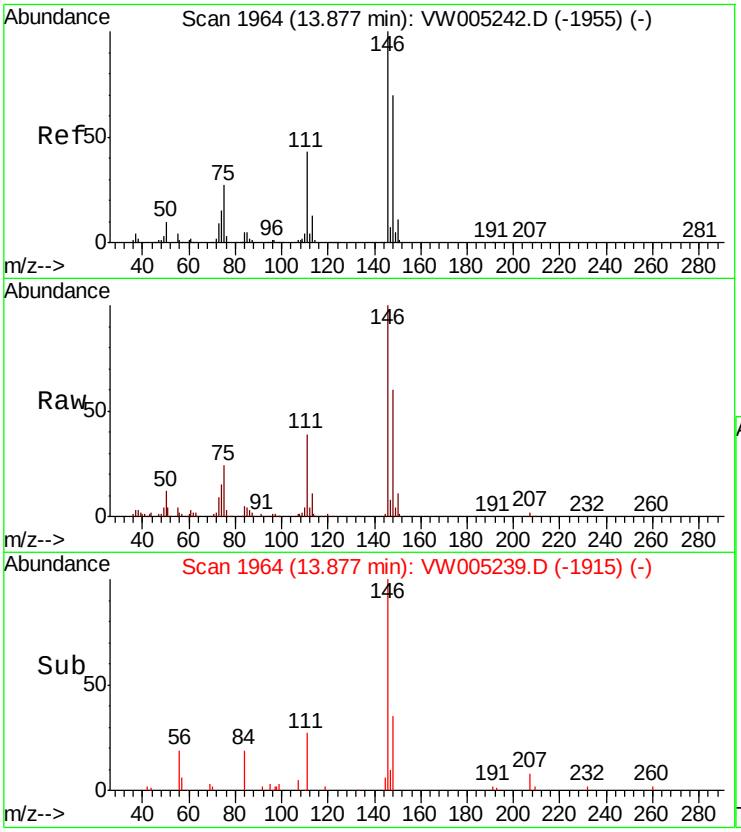




#90
Hexachloroethane
Concen: 4.712 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:117 Resp: 19793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 88.2 | 44.0 | 132.1 |



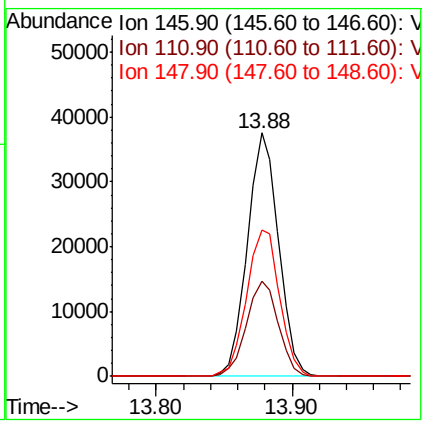


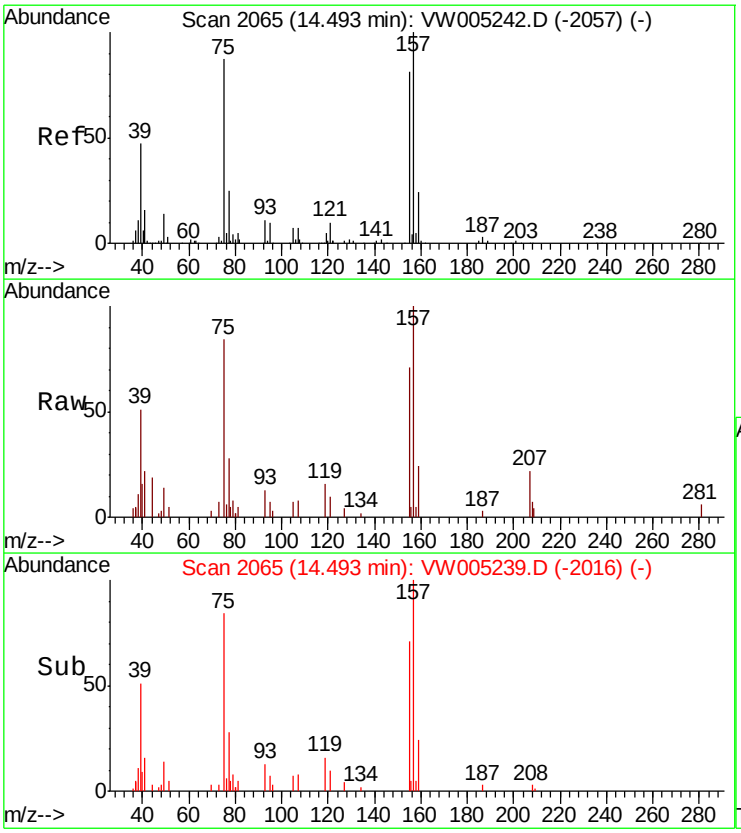

#91
1,2-Dichlorobenzene
Concen: 5.018 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:146 Resp: 60377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.8 | 20.5 | 61.5 |
| 148 | 63.7 | 32.7 | 98.1 |

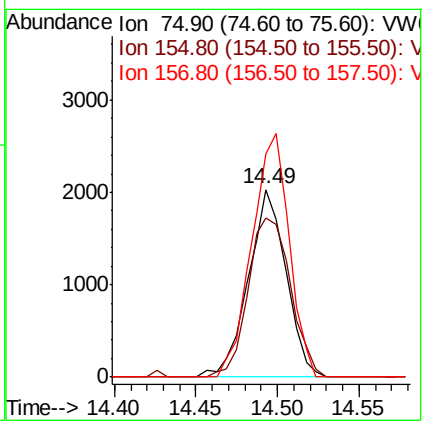


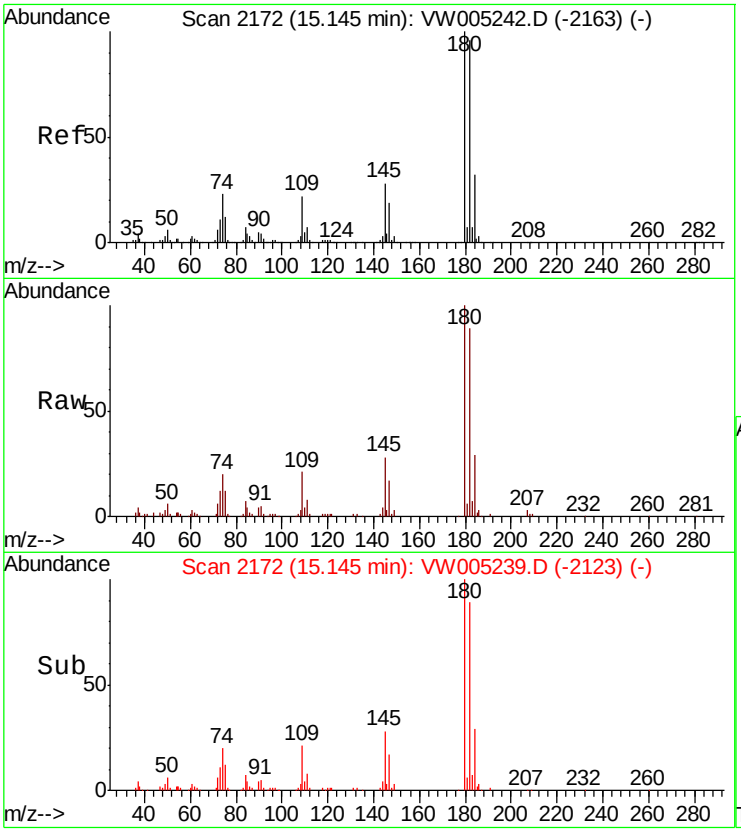




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.712 ug/l
RT: 14.49 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion: 75 Resp: 3259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 95.8 | 47.4 | 142.2 |
| 157 | 127.9 | 59.4 | 178.2 |



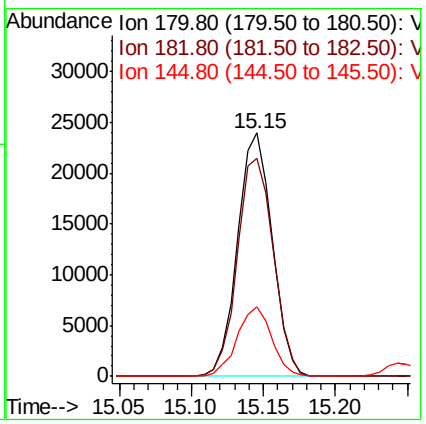


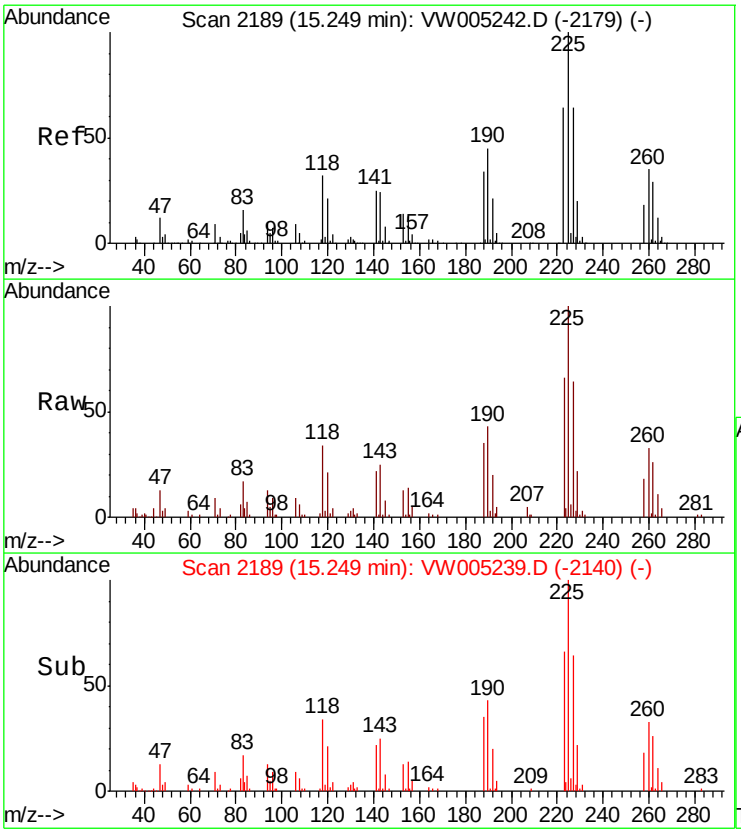

#93
1,2,4-Trichlorobenzene
Concen: 4.684 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:180 Resp: 39869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.2 | 48.1 | 144.4 |
| 145 | 28.6 | 14.5 | 43.6 |

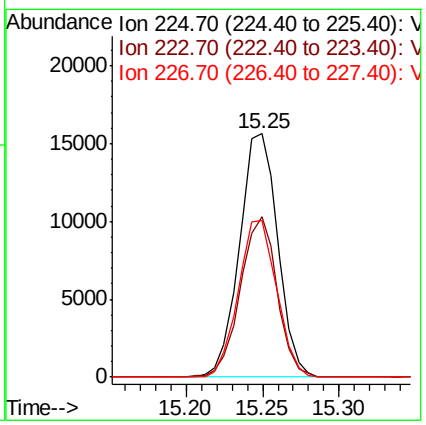


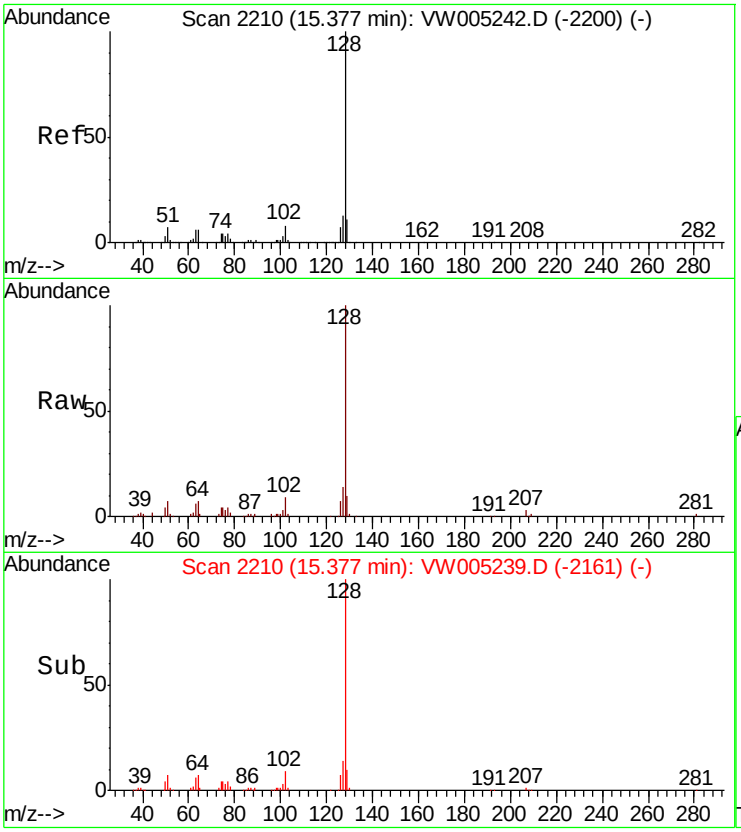




#94
Hexachlorobutadiene
Concen: 4.990 ug/l
RT: 15.25 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:225 Resp: 27197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 31.4 | 94.2 |
| 227 | 64.5 | 32.0 | 96.0 |



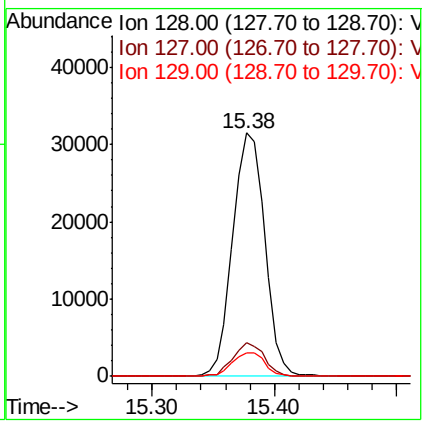


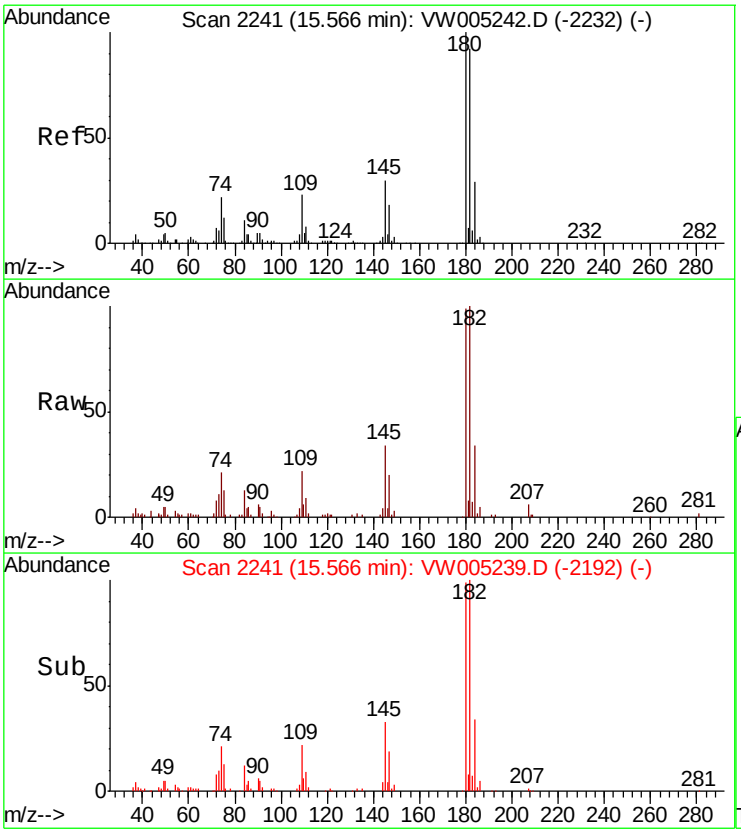

#95
Naphthalene
Concen: 4.160 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

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

Tgt Ion:128 Resp: 57408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.3 | 10.3 | 15.5 |
| 129 | 10.1 | 8.8 | 13.2 |




#96
1,2,3-Trichlorobenzene
Concen: 4.587 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005239.D
Acq: 10 Sep 2018 14:07

Tgt Ion:180 Resp: 33592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.7 | 47.2 | 141.6 |
| 145 | 30.4 | 15.2 | 45.6 |