Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
Data File : VW006064.D
Acq On : 15 Oct 2018 17:54
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Quant Time: Oct 16 04:23:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 04:19:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 293744 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.85 | 114 | 419976 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 382553 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 214764 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.31 | 65 | 49068 | 17.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 35.18% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 49308 | 18.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 37.24% | | | |
| 50) Toluene-d8 | 10.33 | 98 | 189879 | 18.70 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 37.40% | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 71780 | 18.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 37.18% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.01 | 85 | 24845 | 17.126 | ug/l | 95 |
| 3) Chloromethane | 2.21 | 50 | 33698 | 19.501 | ug/l | 98 |
| 4) Vinyl Chloride | 2.37 | 62 | 51009 | 19.032 | ug/l | 97 |
| 5) Bromomethane | 2.78 | 94 | 46918 | 21.836 | ug/l | 98 |
| 6) Chloroethane | 2.93 | 64 | 39733 | 22.824 | ug/l | 97 |
| 7) Trichlorofluoromethane | 3.26 | 101 | 48198 | 22.060 | ug/l | 97 |
| 8) Diethyl Ether | 3.68 | 74 | 24560 | 18.466 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 53740 | 20.102 | ug/l | 99 |
| 10) Methyl Iodide | 4.26 | 142 | 88230 | 20.104 | ug/l | 100 |
| 11) Tert butyl alcohol | 5.24 | 59 | 15159 | 75.172 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 4.03 | 96 | 49746 | 19.478 | ug/l | 97 |
| 13) Acrolein | 3.90 | 56 | 17086 | 93.246 | ug/l | 96 |
| 14) Allyl chloride | 4.67 | 41 | 71327 | 16.692 | ug/l | 99 |
| 15) Acrylonitrile | 5.38 | 53 | 46582 | 83.813 | ug/l | 99 |
| 16) Acetone | 4.15 | 43 | 55581 | 101.787 | ug/l | 97 |
| 17) Carbon Disulfide | 4.37 | 76 | 148811 | 19.279 | ug/l | 99 |
| 18) Methyl Acetate | 4.68 | 43 | 22825 | 16.316 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 5.42 | 73 | 75614 | 19.052 | ug/l | 96 |
| 20) Methylene Chloride | 4.91 | 84 | 54916 | 19.380 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.42 | 96 | 55713 | 19.955 | ug/l | 95 |
| 22) Diisopropyl ether | 6.31 | 45 | 140921 | 17.538 | ug/l | 98 |
| 23) Vinyl Acetate | 6.26 | 43 | 414405 | 84.446 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 6.21 | 63 | 91645 | 18.491 | ug/l | 100 |
| 25) 2-Butanone | 7.18 | 43 | 68236 | 87.346 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 7.17 | 77 | 67316 | 19.419 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 7.17 | 96 | 62703 | 19.898 | ug/l | 99 |
| 28) Bromochloromethane | 7.51 | 49 | 30684 | 16.355 | ug/l | 98 |
| 29) Tetrahydrofuran | 7.54 | 42 | 40026 | 80.991 | ug/l | 97 |
| 30) Chloroform | 7.68 | 83 | 100481 | 19.608 | ug/l | 99 |
| 31) Cyclohexane | 7.95 | 56 | 90281 | 18.461 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 7.87 | 97 | 91616 | 20.042 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 8.09 | 75 | 81512 | 20.519 | ug/l | 99 |
| 37) Ethyl Acetate | 7.26 | 43 | 30186 | 18.280 | ug/l | 99 |
| 38) Carbon Tetrachloride | 8.07 | 117 | 87823 | 20.510 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
Data File : VW006064.D
Acq On : 15 Oct 2018 17:54
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Quant Time: Oct 16 04:23:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 04:19:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.34 | 83 | 107285 | 20.504 ug/l | 95 |
| 40) Benzene | 8.32 | 78 | 220494 | 20.271 ug/l | 99 |
| 41) Methacrylonitrile | 7.49 | 41 | 18026 | 17.306 ug/l | 97 |
| 42) 1,2-Dichloroethane | 8.40 | 62 | 63710 | 19.394 ug/l | 99 |
| 43) Isopropyl Acetate | 8.43 | 43 | 58860 | 17.115 ug/l | 99 |
| 44) Trichloroethene | 9.09 | 130 | 68413 | 21.545 ug/l | 99 |
| 45) 1,2-Dichloropropane | 9.37 | 63 | 53010 | 19.559 ug/l | 100 |
| 46) Dibromomethane | 9.46 | 93 | 29517 | 19.694 ug/l | 100 |
| 47) Bromodichloromethane | 9.65 | 83 | 71585 | 19.050 ug/l | 99 |
| 48) Methyl methacrylate | 9.44 | 41 | 27223 | 16.572 ug/l | 97 |
| 49) 1,4-Dioxane | 9.48 | 88 | 8554 | 373.794 ug/l # | 96 |
| 51) 4-Methyl-2-Pentanone | 10.21 | 43 | 146640 | 87.155 ug/l | 99 |
| 52) Toluene | 10.39 | 92 | 146903 | 20.478 ug/l | 99 |
| 53) t-1,3-Dichloropropene | 10.61 | 75 | 69882 | 17.946 ug/l | 100 |
| 54) cis-1,3-Dichloropropene | 10.07 | 75 | 82508 | 18.775 ug/l | 95 |
| 55) 1,1,2-Trichloroethane | 10.79 | 97 | 40828 | 19.613 ug/l | 96 |
| 56) Ethyl methacrylate | 10.65 | 69 | 49751 | 17.987 ug/l | 97 |
| 57) 1,3-Dichloropropane | 10.93 | 76 | 68984 | 19.767 ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.93 | 63 | 94148 | 84.373 ug/l | 99 |
| 59) 2-Hexanone | 10.98 | 43 | 107820 | 89.859 ug/l | 99 |
| 60) Dibromochloromethane | 11.13 | 129 | 50406 | 18.838 ug/l | 100 |
| 61) 1,2-Dibromoethane | 11.24 | 107 | 40903 | 19.647 ug/l | 100 |
| 64) Tetrachloroethene | 10.87 | 164 | 60610 | 21.311 ug/l | 97 |
| 65) Chlorobenzene | 11.66 | 112 | 171117 | 21.084 ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.73 | 131 | 59606 | 20.031 ug/l | 99 |
| 67) Ethyl Benzene | 11.74 | 91 | 300129 | 21.009 ug/l | 99 |
| 68) m/p-Xylenes | 11.84 | 106 | 235038 | 41.977 ug/l | 100 |
| 69) o-Xylene | 12.17 | 106 | 111414 | 20.766 ug/l | 99 |
| 70) Styrene | 12.18 | 104 | 179198 | 20.170 ug/l | 100 |
| 71) Bromoform | 12.35 | 173 | 31825 | 18.078 ug/l # | 99 |
| 73) Isopropylbenzene | 12.47 | 105 | 314548 | 20.316 ug/l | 99 |
| 74) N-amyl acetate | 12.28 | 43 | 58502 | 16.313 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.72 | 83 | 46030 | 18.251 ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 12.77 | 75 | 61626 | 33.299 ug/l # | 100 |
| 77) Bromobenzene | 12.75 | 156 | 76490 | 20.733 ug/l | 100 |
| 78) n-propylbenzene | 12.81 | 91 | 368950 | 20.275 ug/l | 99 |
| 79) 2-Chlorotoluene | 12.90 | 91 | 204896 | 19.921 ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.95 | 105 | 267643 | 20.447 ug/l | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75 | 13510 | 15.500 ug/l | 98 |
| 82) 4-Chlorotoluene | 12.99 | 91 | 217514 | 20.182 ug/l | 100 |
| 83) tert-Butylbenzene | 13.21 | 119 | 239205 | 20.571 ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 270700 | 20.523 ug/l | 99 |
| 85) sec-Butylbenzene | 13.39 | 105 | 340174 | 20.824 ug/l | 100 |
| 86) p-Isopropyltoluene | 13.51 | 119 | 307399 | 20.894 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 13.51 | 146 | 153133 | 20.919 ug/l | 100 |
| 88) 1,4-Dichlorobenzene | 13.58 | 146 | 152165 | 20.920 ug/l | 100 |
| 89) n-Butylbenzene | 13.83 | 91 | 285304 | 20.705 ug/l | 99 |
| 90) Hexachloroethane | 14.10 | 117 | 51096 | 18.669 ug/l | 99 |
| 91) 1,2-Dichlorobenzene | 13.88 | 146 | 136374 | 20.945 ug/l | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75 | 8116 | 17.396 ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
Data File : VW006064.D
Acq On : 15 Oct 2018 17:54
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Quant Time: Oct 16 04:23:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 04:19:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180 | 105700 | 21.085 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.25 | 225 | 66060 | 21.100 | ug/l | 99 |
| 95) Naphthalene | 15.38 | 128 | 169516 | 19.678 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180 | 90212 | 20.775 | ug/l | 99 |

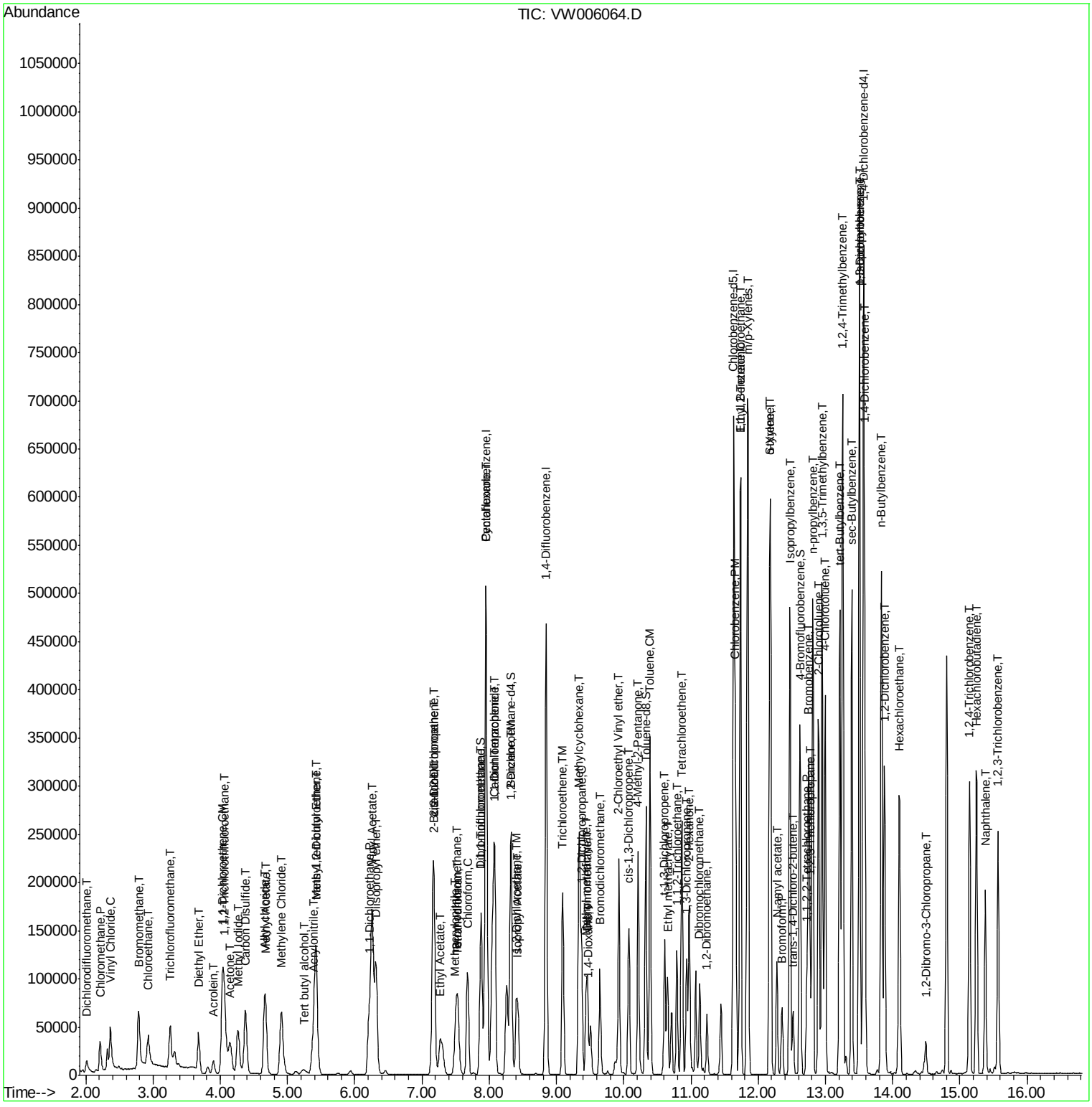
(#) = qualifier out of range (m) = manual integration (+) = signals summed

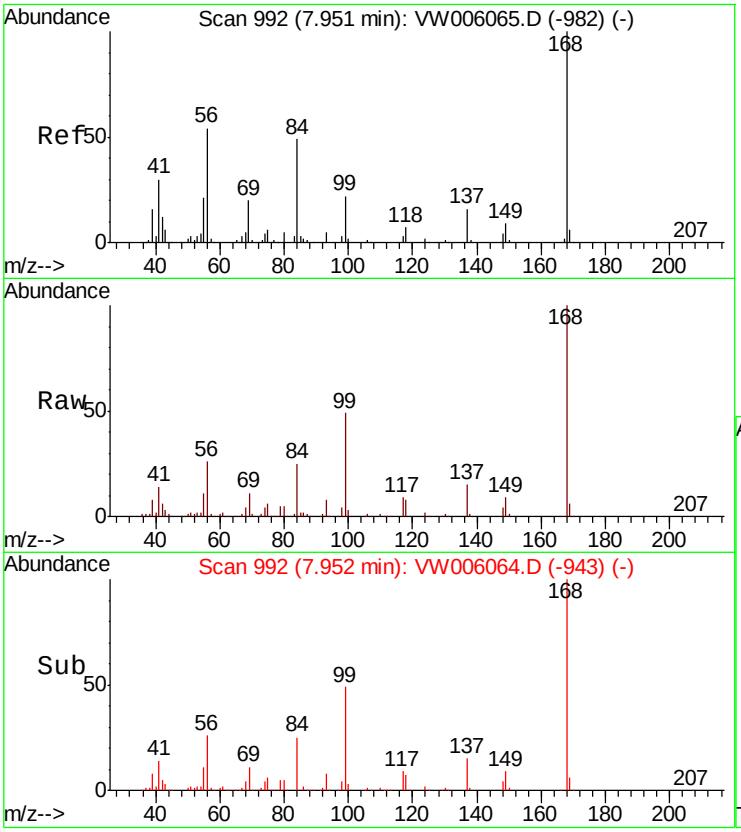
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
Data File : VW006064.D
Acq On : 15 Oct 2018 17:54
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Quant Time: Oct 16 04:23:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 04:19:21 2018
Response via : Initial Calibration



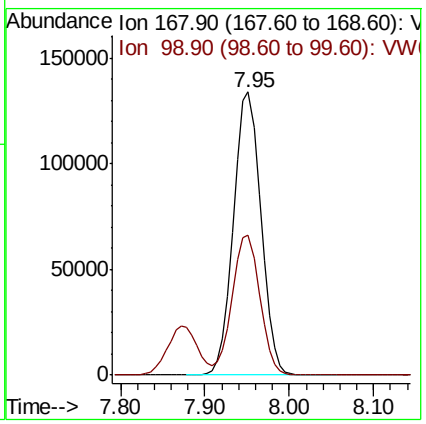


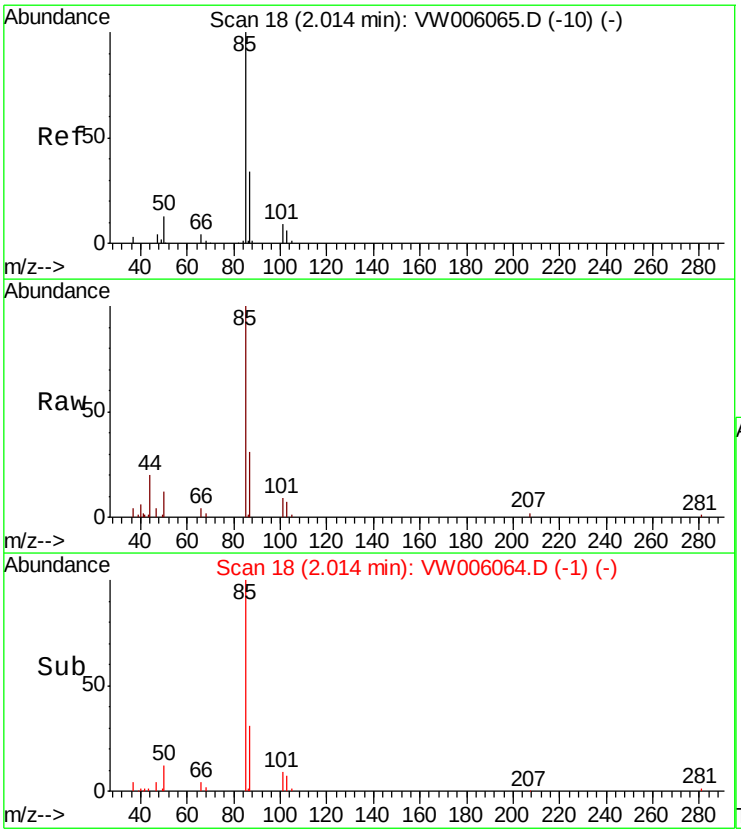

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:168 Resp: 293744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.2 | 39.9 | 59.9 |

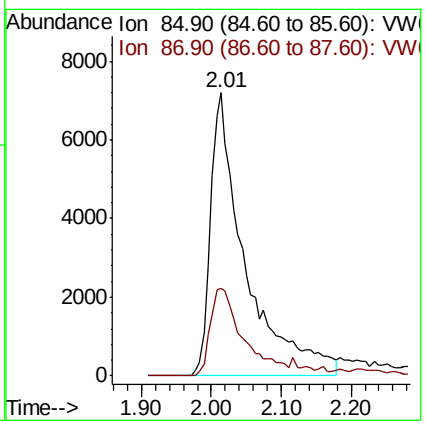


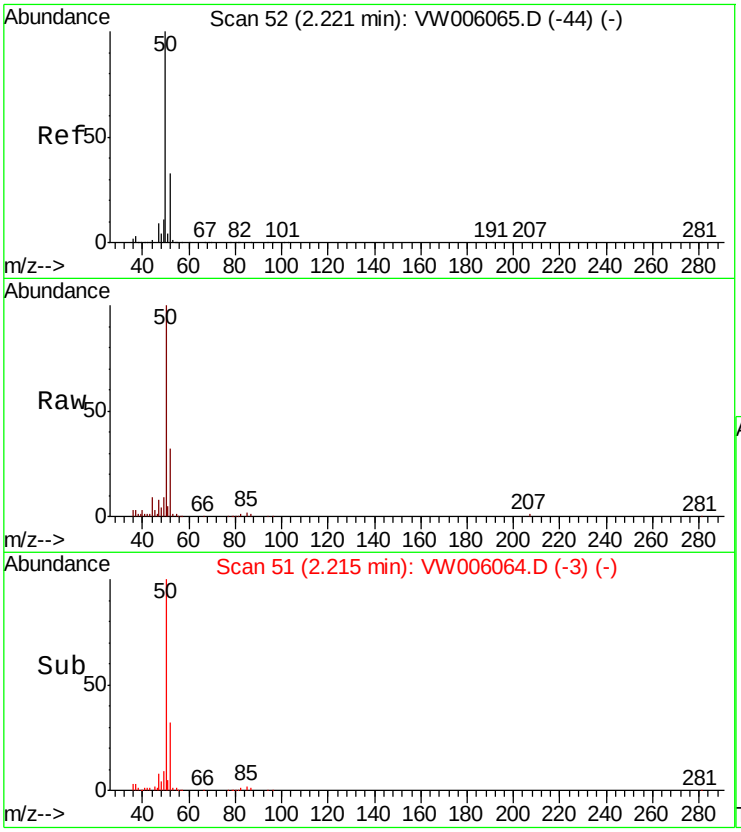




#2
Dichlorodifluoromethane
Concen: 17.126 ug/l
RT: 2.01 min Scan# 18
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 85 Resp: 24845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.9 | 16.9 | 50.6 |



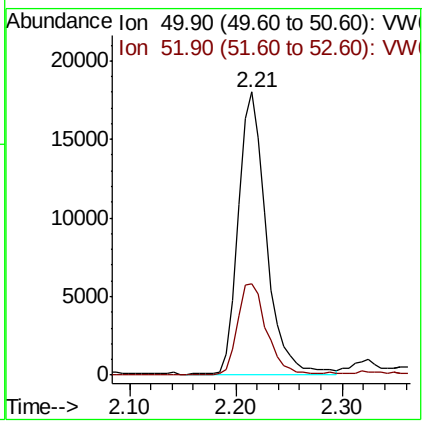


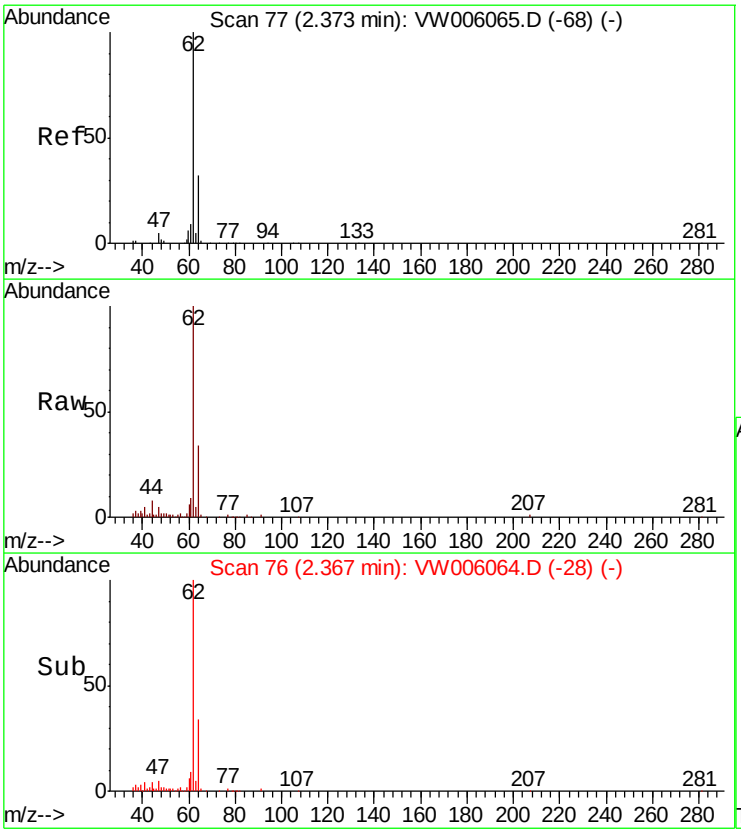

#3
Chloromethane
Concen: 19.501 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 50 Resp: 33698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.4 | 26.8 | 40.2 |

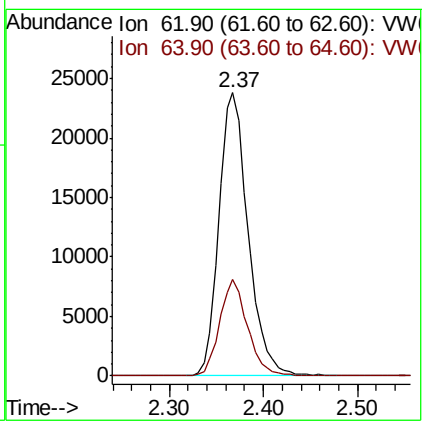


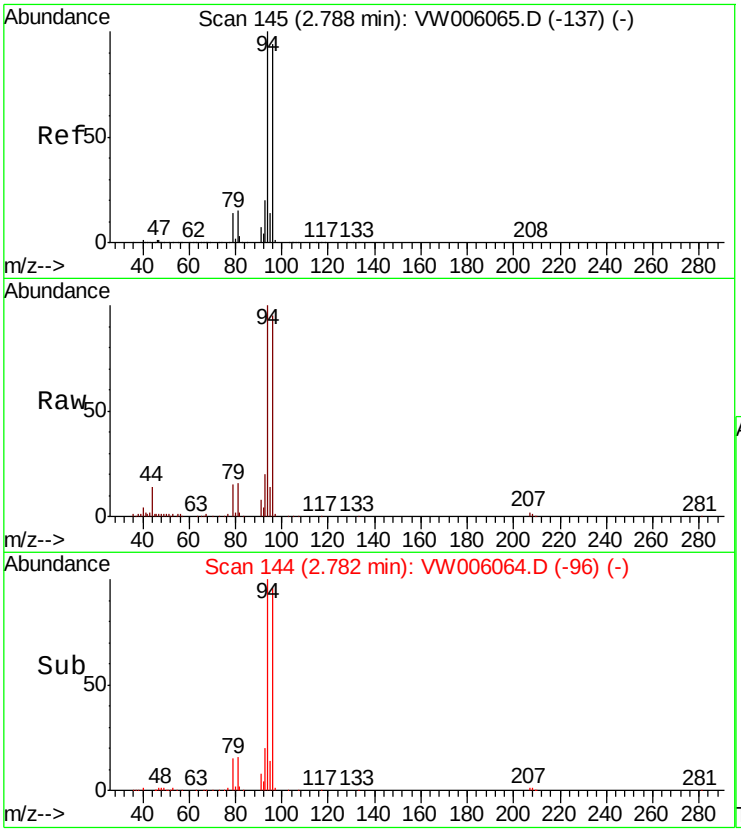




#4
Vinyl Chloride
Concen: 19.032 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 62 Resp: 51009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.1 | 25.9 | 38.9 |



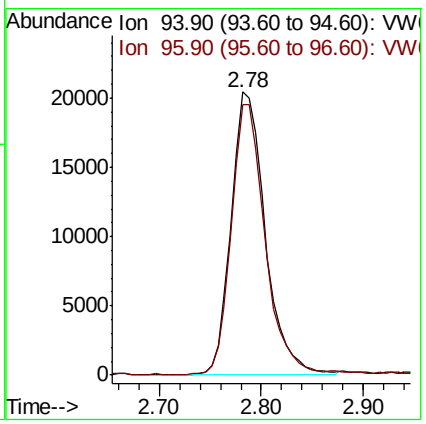


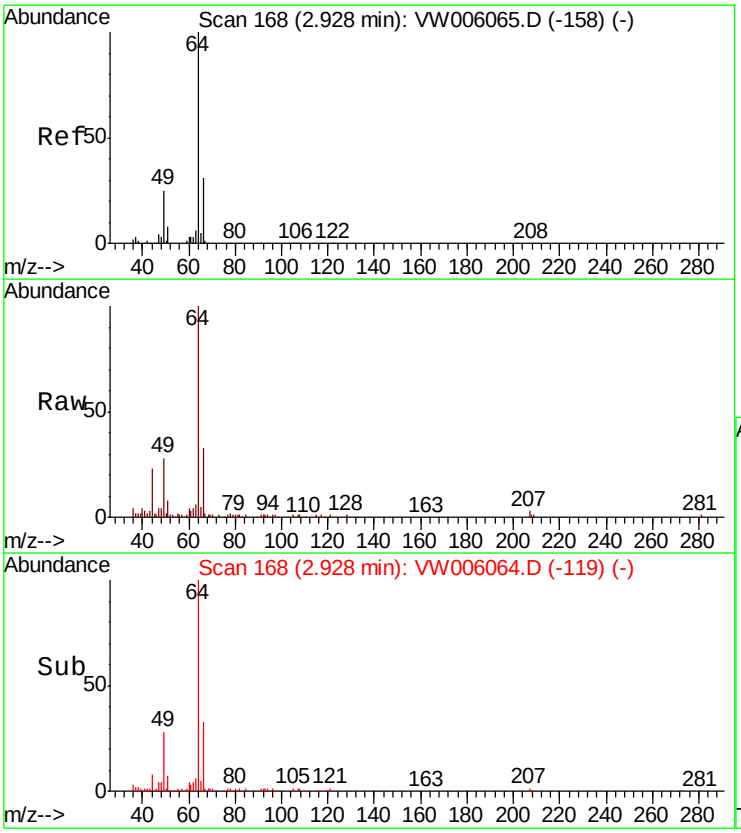

#5
Bromomethane
Concen: 21.836 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 94 Resp: 46918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.5 | 74.9 | 112.3 |

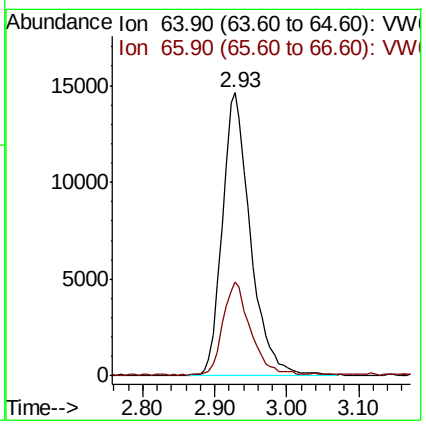


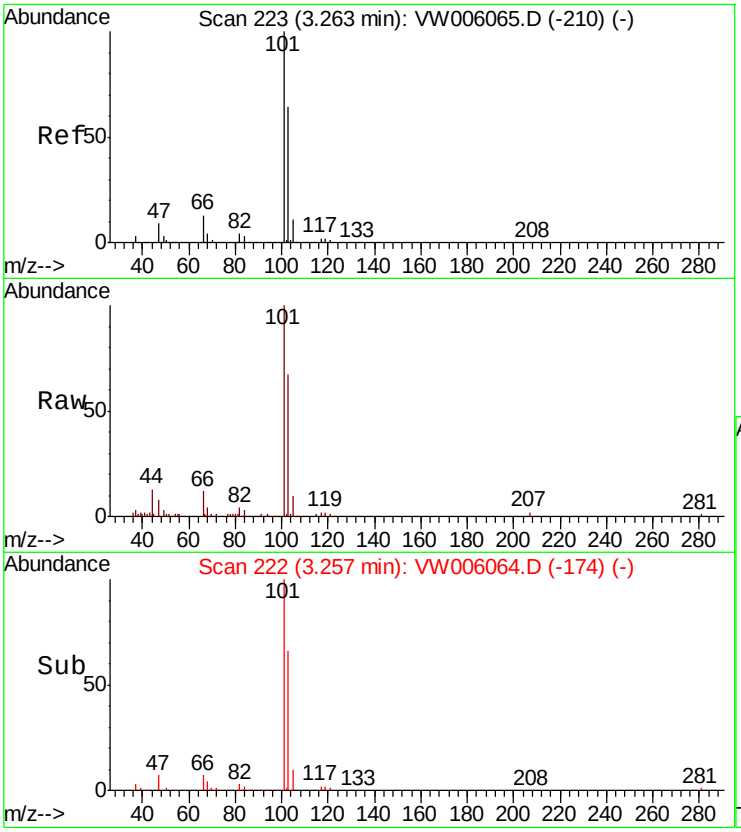




#6
Chloroethane
Concen: 22.824 ug/l
RT: 2.93 min Scan# 168
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 64 Resp: 39733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.9 | 24.9 | 37.3 |



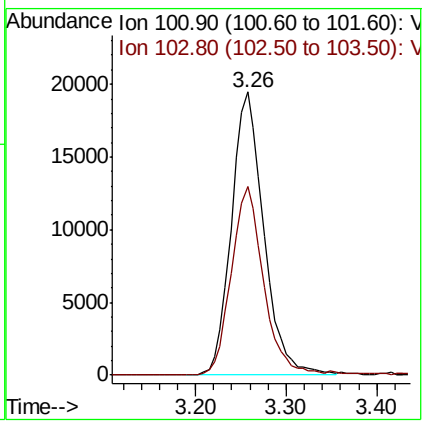


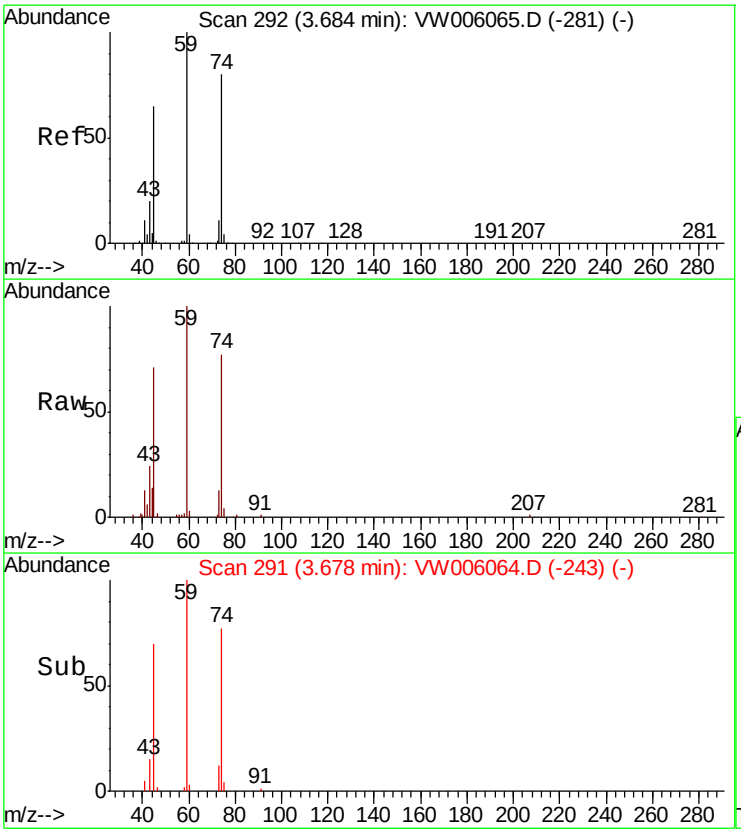

#7
Trichlorofluoromethane
Concen: 22.060 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:101 Resp: 48198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.6 | 51.2 | 76.8 |

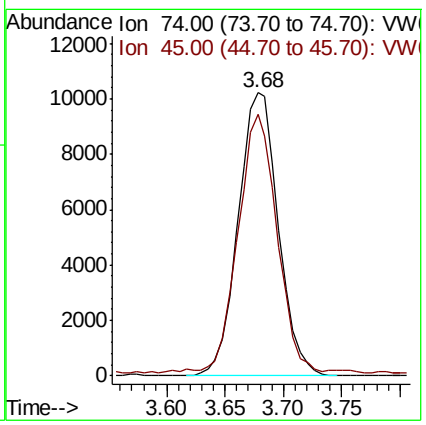


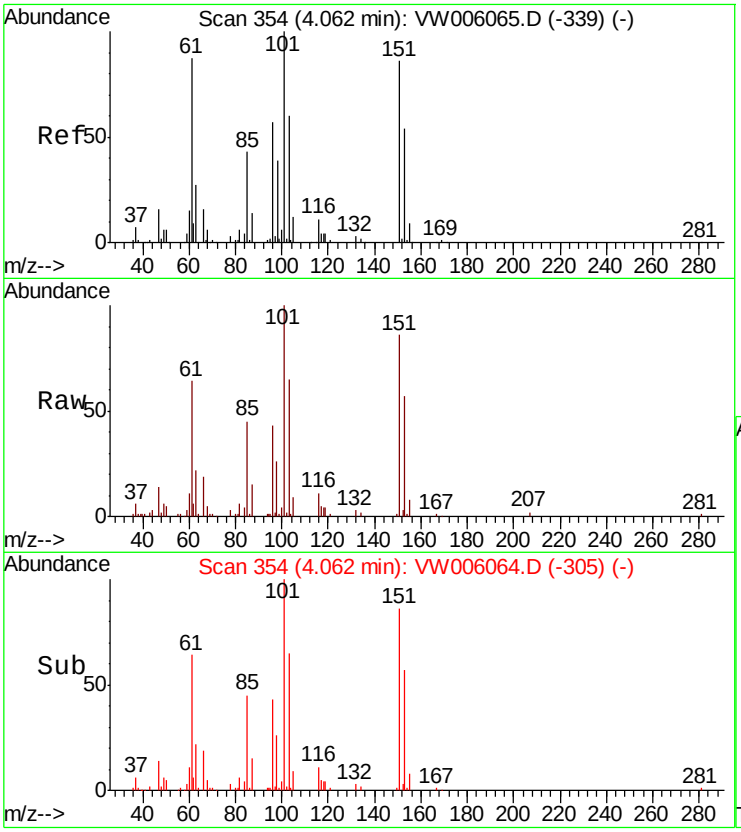




#8
Diethyl Ether
Concen: 18.466 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 74 Resp: 24560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.8 | 42.8 | 128.3 |



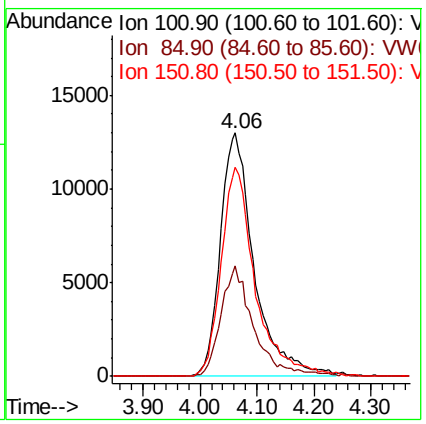


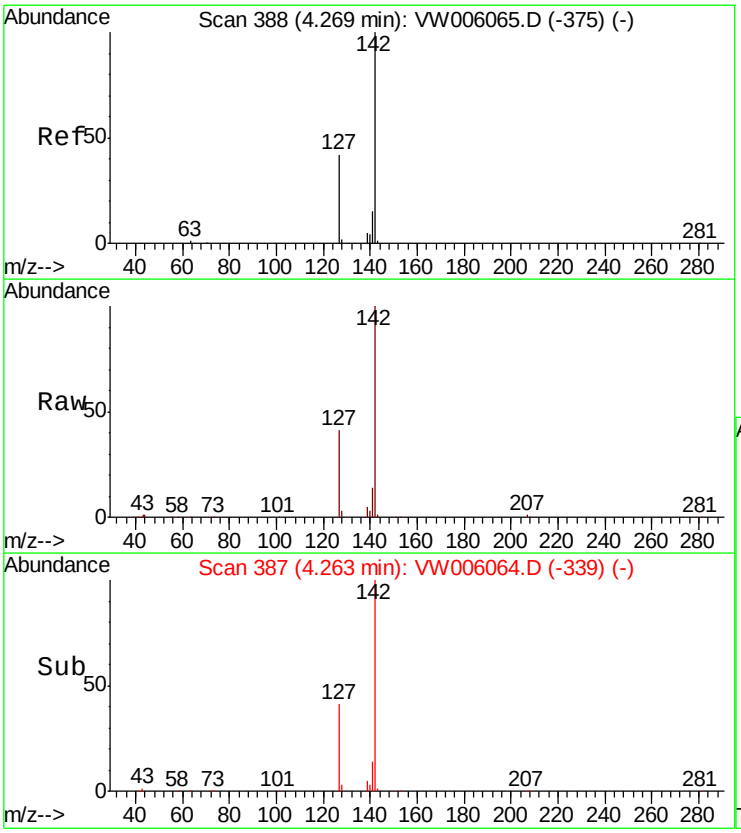

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.102 ug/l
RT: 4.06 min Scan# 354
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:101 Resp: 53740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.0 | 34.9 | 52.3 |
| 151 | 86.4 | 70.4 | 105.6 |

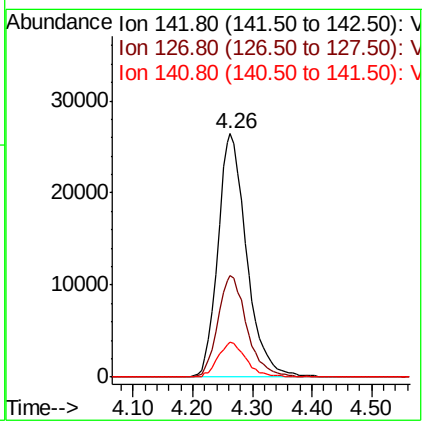


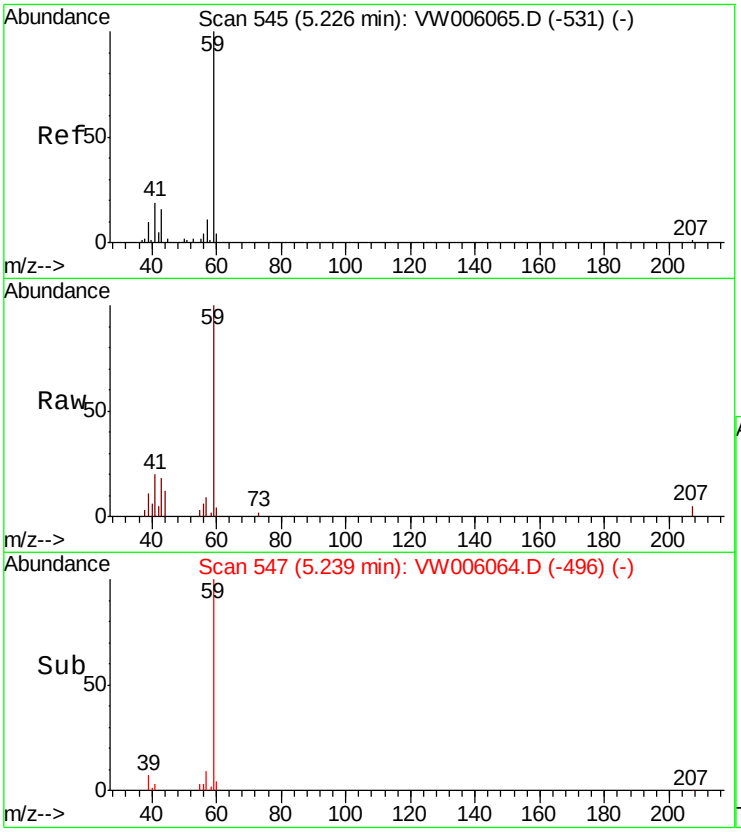




#10
Methyl Iodide
Concen: 20.104 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:142 Resp: 88230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.1 | 33.6 | 50.4 |
| 141 | 14.2 | 11.6 | 17.4 |



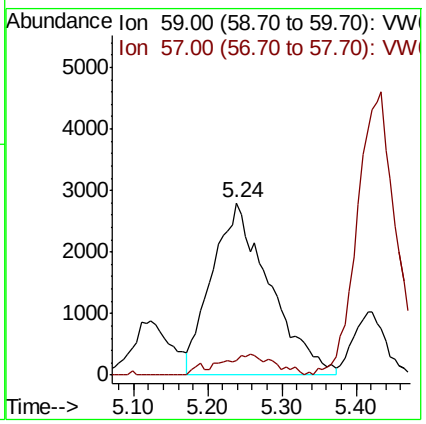


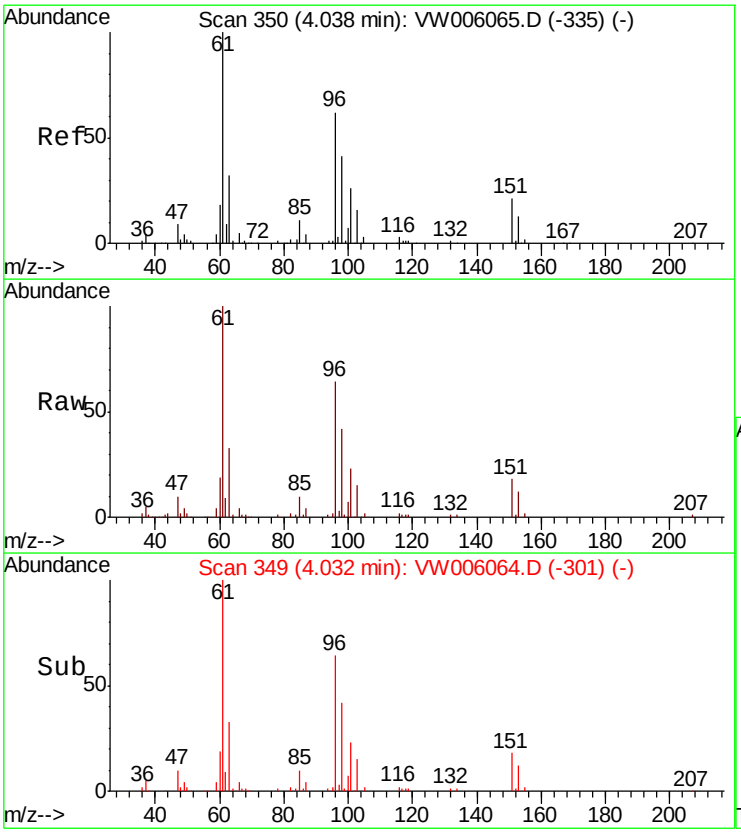

#11
Tert butyl alcohol
Concen: 75.172 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 59 Resp: 15159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.4 | 8.7 | 13.1 |

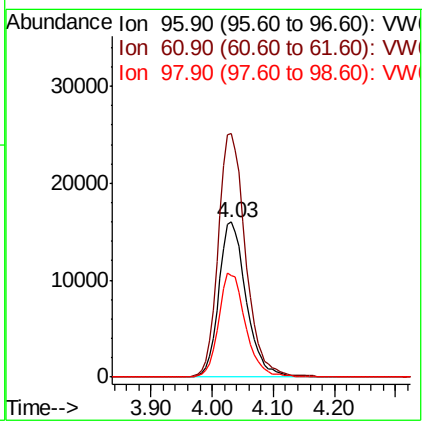


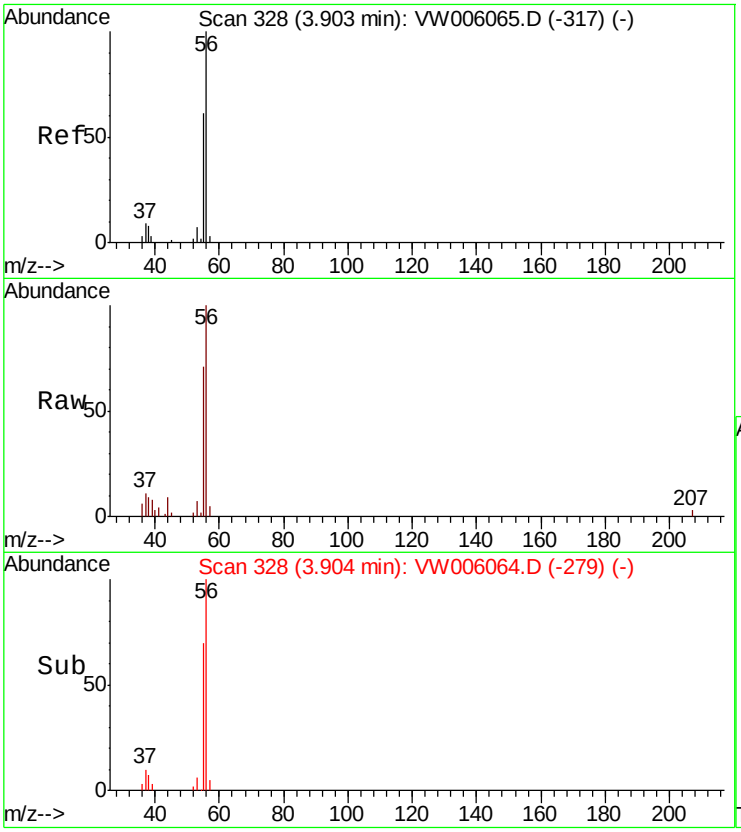




#12
1,1-Dichloroethene
Concen: 19.478 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 96 Resp: 49746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.0 | 129.3 | 193.9 |
| 98 | 65.8 | 53.1 | 79.7 |



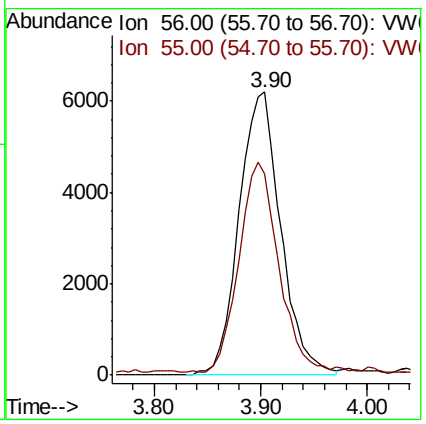


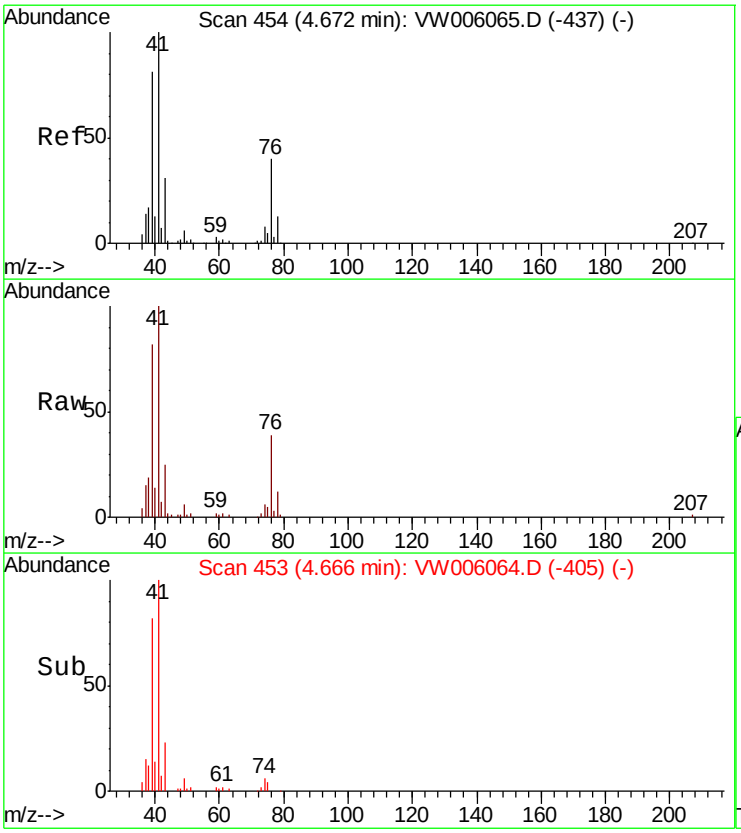

#13
Acrolein
Concen: 93.246 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 56 Resp: 17086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.0 | 54.5 | 81.7 |

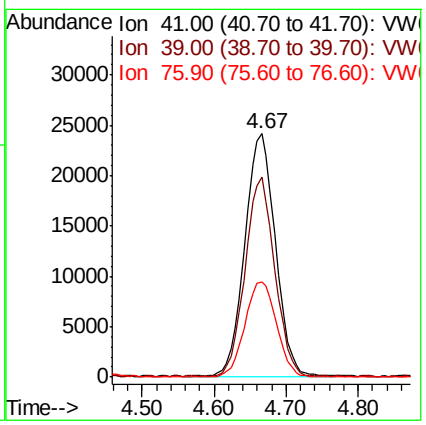


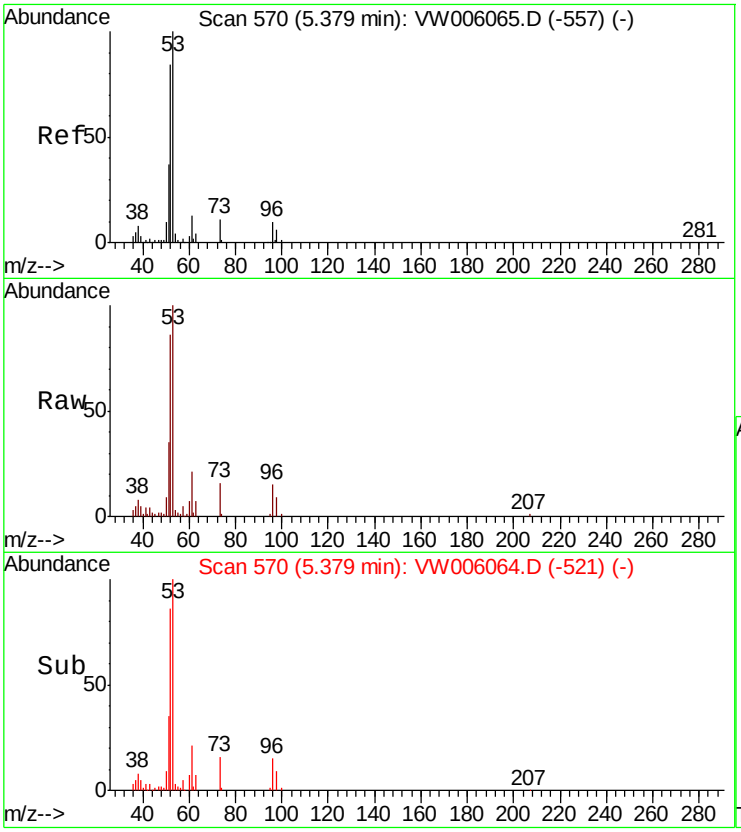




#14
Allyl chloride
Concen: 16.692 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 41 Resp: 71327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 79.0 | 64.1 | 96.1 |
| 76 | 40.3 | 32.2 | 48.4 |



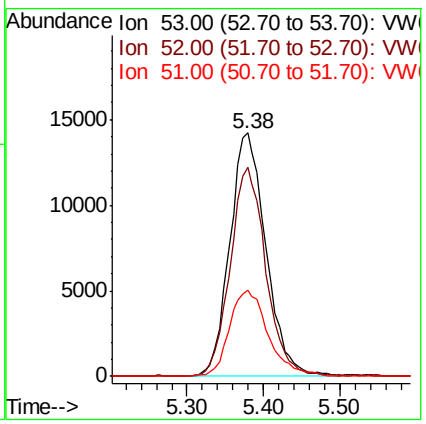


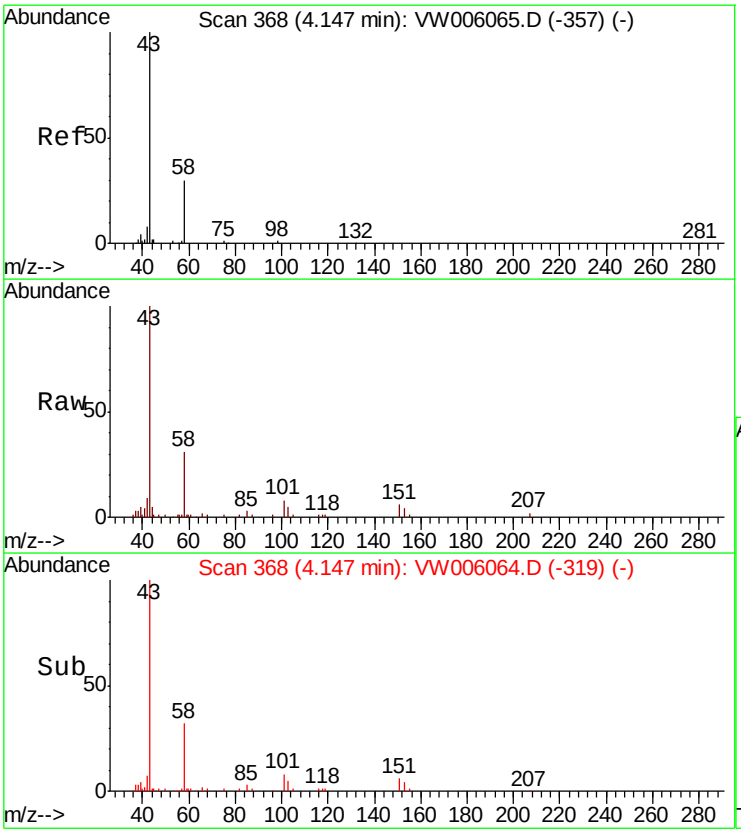

#15
Acrylonitrile
Concen: 83.813 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 53 Resp: 46582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 84.7 | 66.9 | 100.3 |
| 51 | 37.9 | 30.1 | 45.1 |

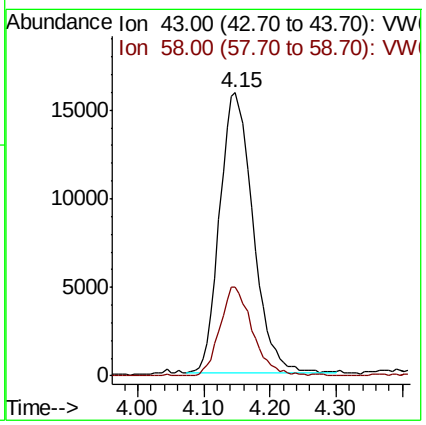


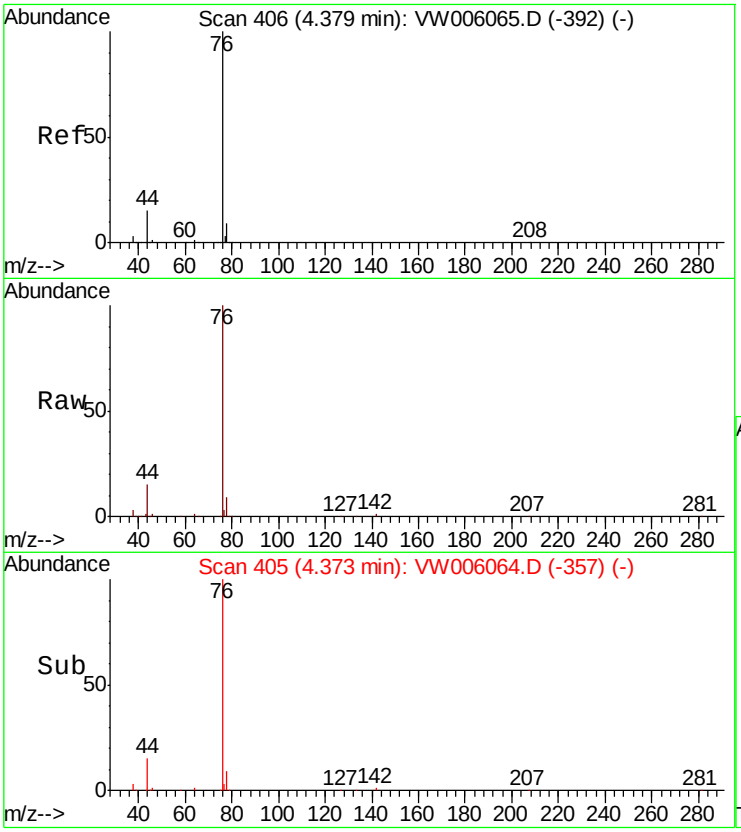




#16
Acetone
Concen: 101.787 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 43 Resp: 55581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.7 | 24.0 | 36.0 |



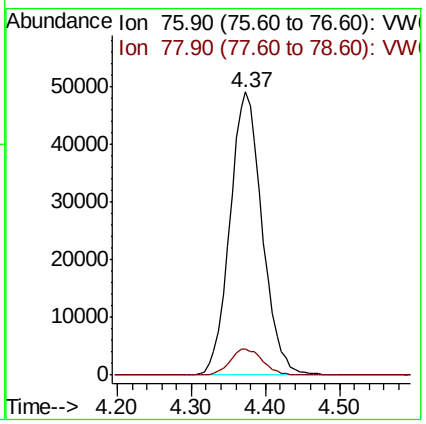


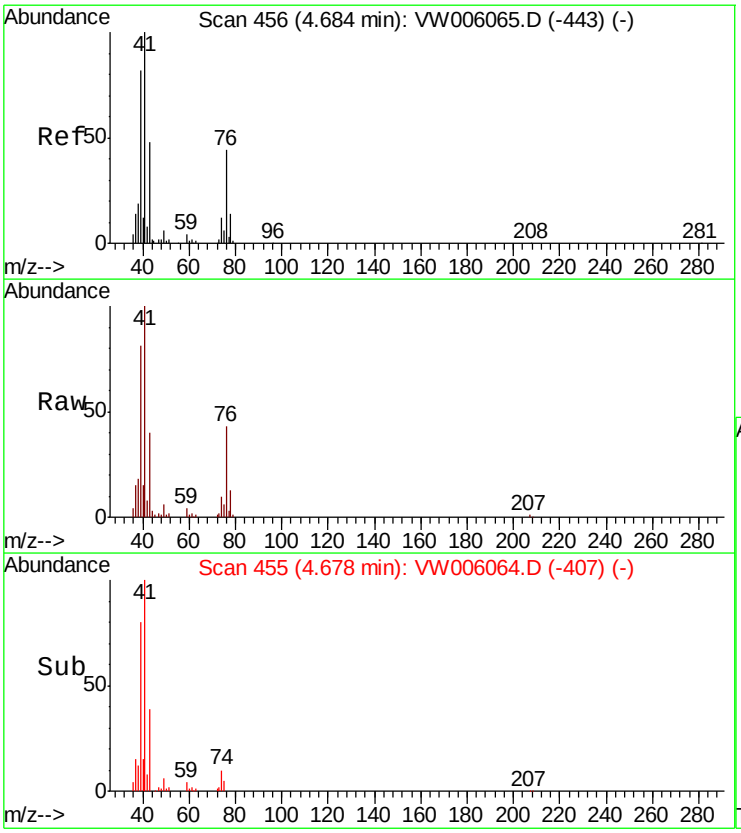

#17
Carbon Disulfide
Concen: 19.279 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 76 Resp: 148811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.2 | 7.5 | 11.3 |

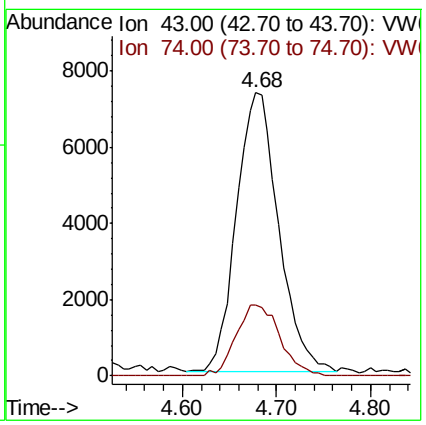


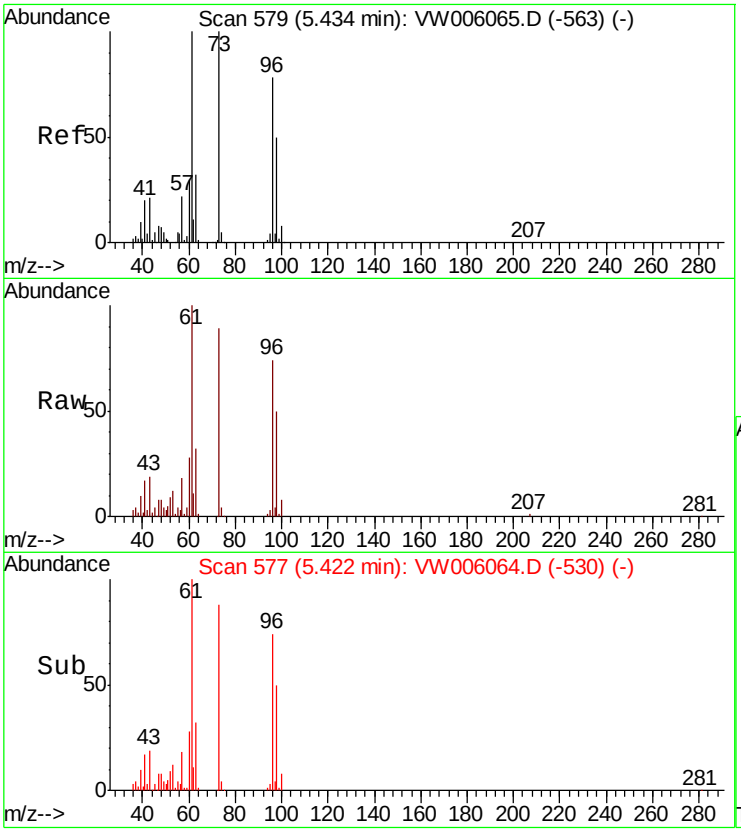




#18
Methyl Acetate
Concen: 16.316 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 43 Resp: 22825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.6 | 20.5 | 30.7 |



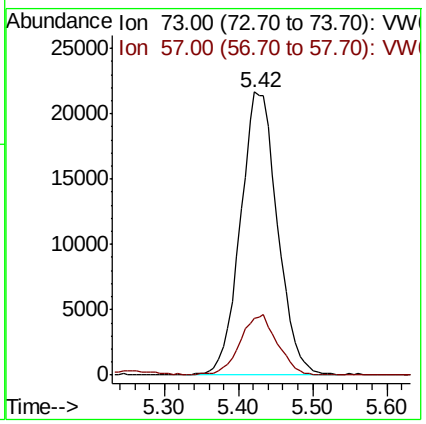


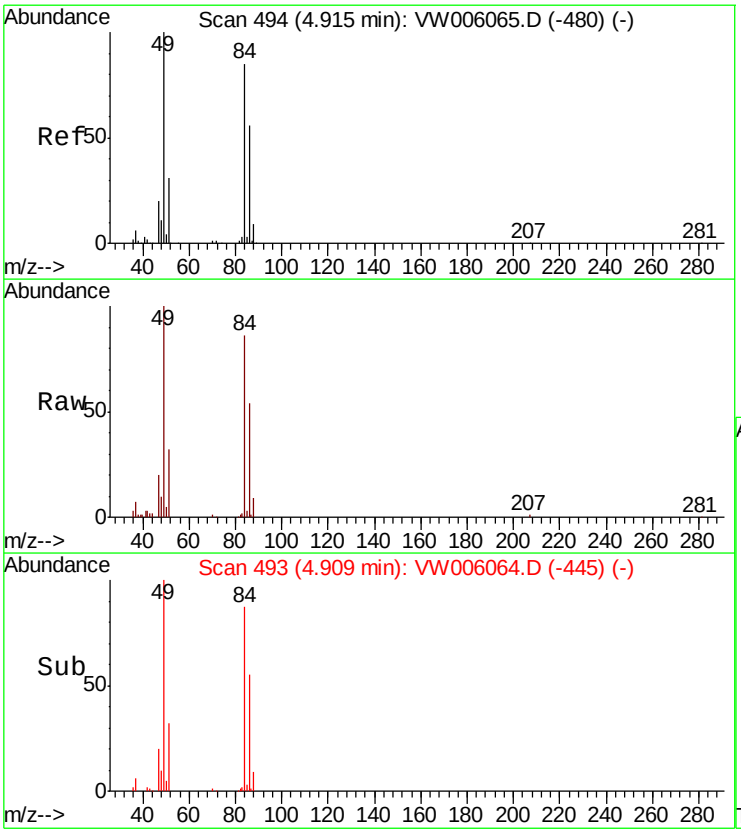

#19
Methyl tert-butyl Ether
Concen: 19.052 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 73 Resp: 75614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 19.9 | 17.4 | 26.2 |

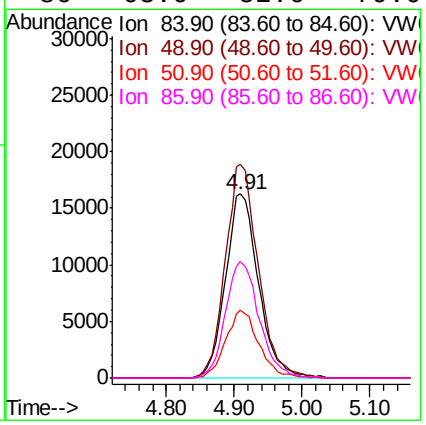


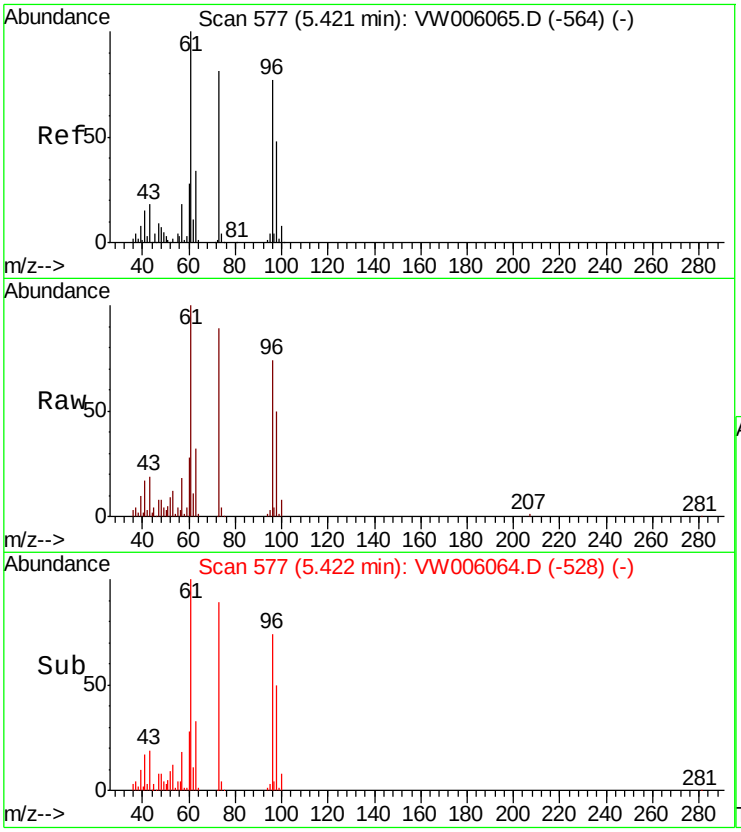




#20
Methylene Chloride
Concen: 19.380 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 84 Resp: 54916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 115.9 | 93.6 | 140.4 |
| 51 | 36.9 | 29.0 | 43.4 |
| 86 | 63.0 | 52.6 | 79.0 |



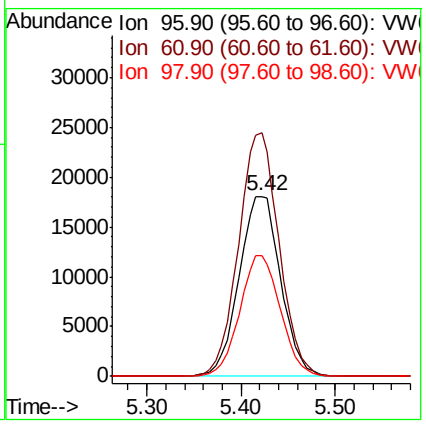


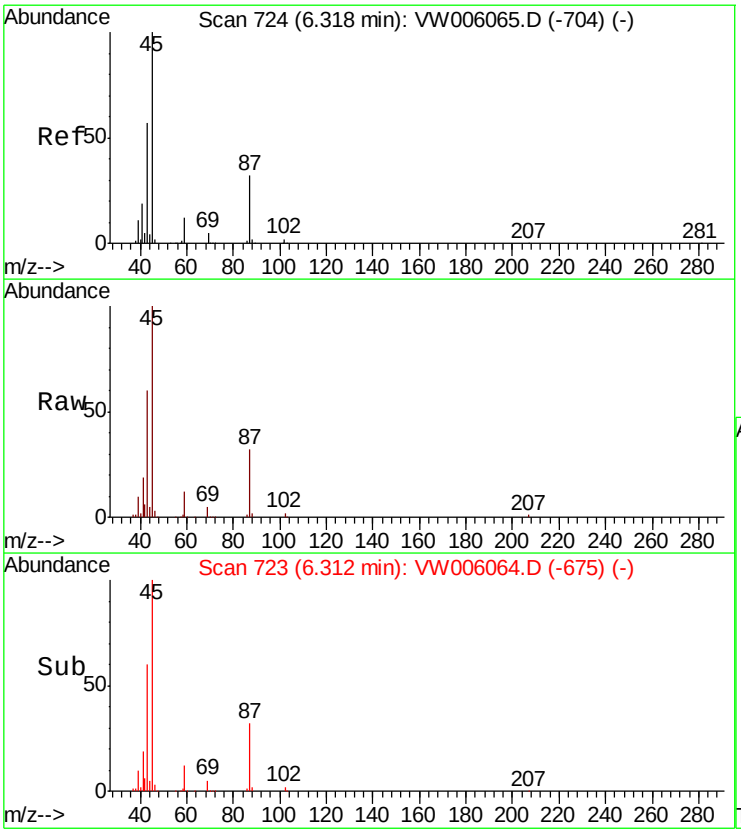

#21
trans-1,2-Dichloroethene
Concen: 19.955 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 96 Resp: 55713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.4 | 104.5 | 156.7 |
| 98 | 67.5 | 50.6 | 75.8 |

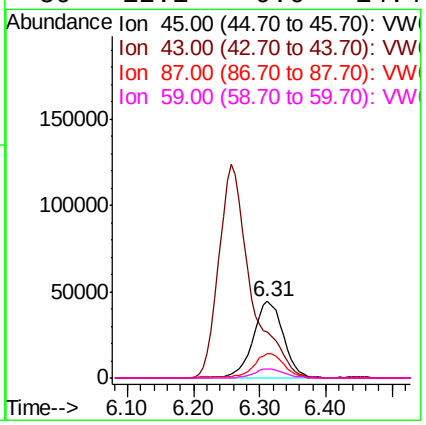


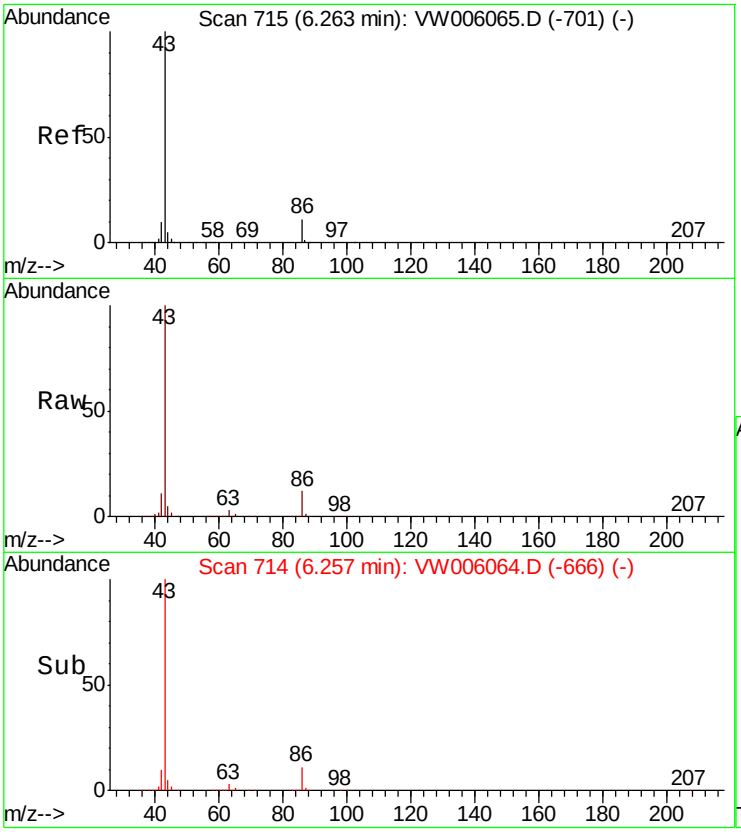




#22
Diisopropyl ether
Concen: 17.538 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 45 Resp: 140921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 59.6 | 45.7 | 68.5 |
| 87 | 31.8 | 25.9 | 38.9 |
| 59 | 12.1 | 9.6 | 14.4 |



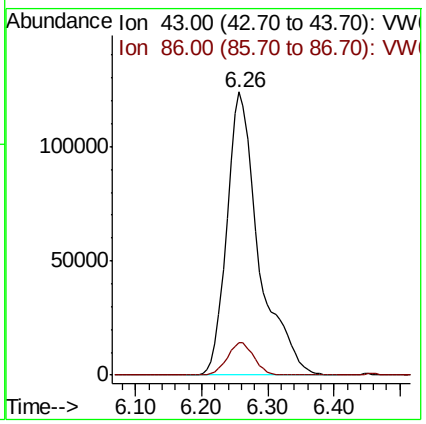


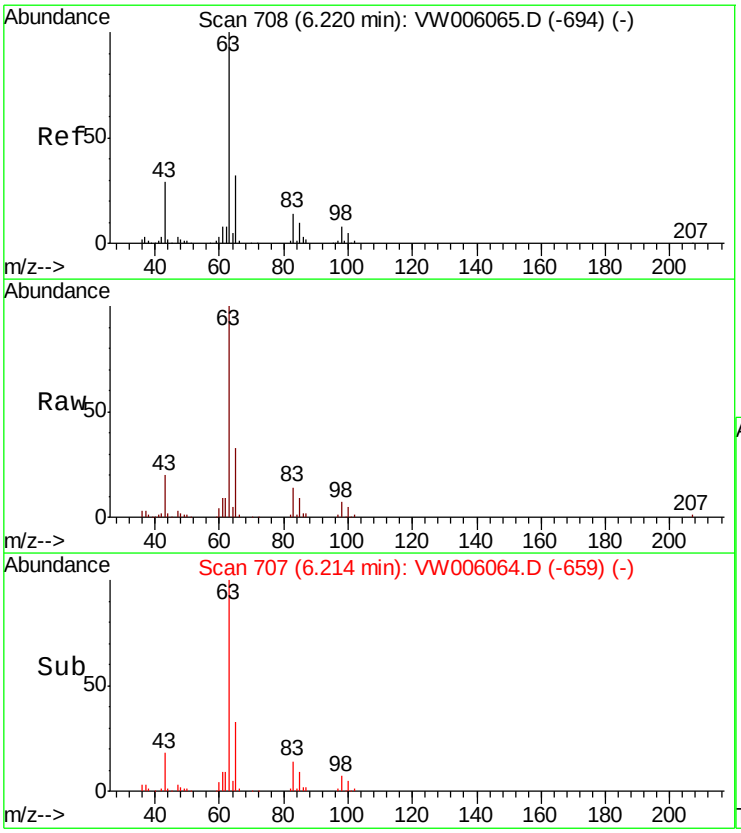

#23
Vinyl Acetate
Concen: 84.446 ug/l
RT: 6.26 min Scan# 714
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 43 Resp: 414405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.5 | 9.0 | 13.6 |

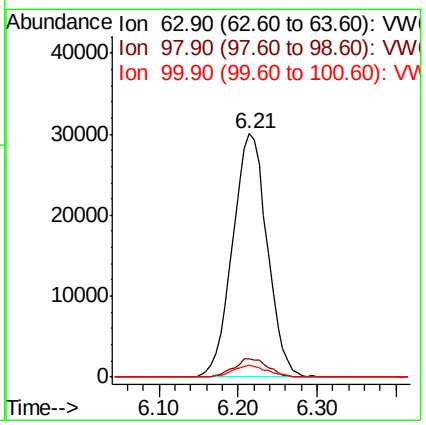


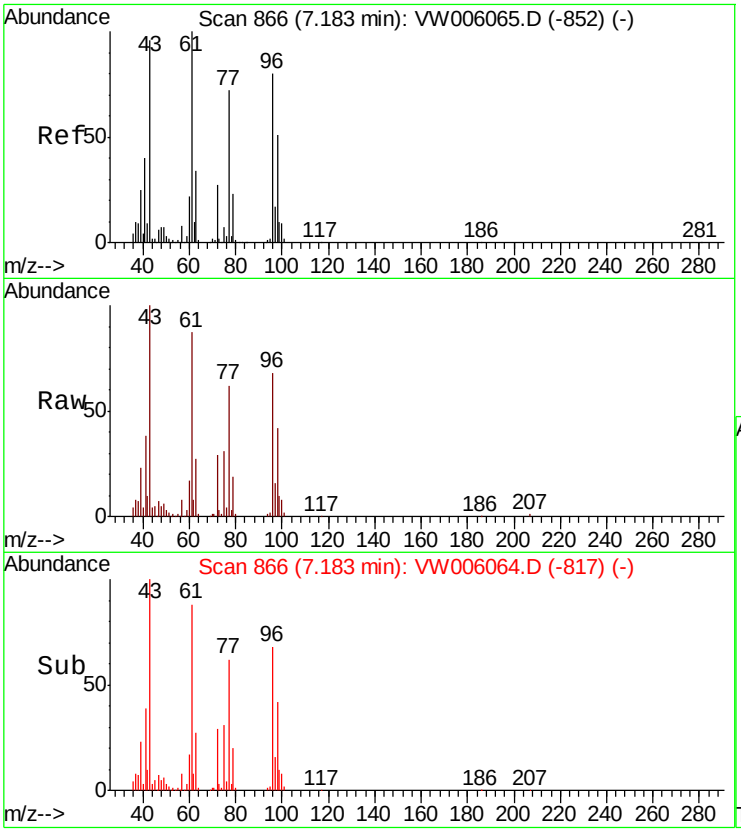




#24
1,1-Dichloroethane
Concen: 18.491 ug/l
RT: 6.21 min Scan# 707
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 63 Resp: 91645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.3 | 3.8 | 11.2 |
| 100 | 5.1 | 2.5 | 7.5 |



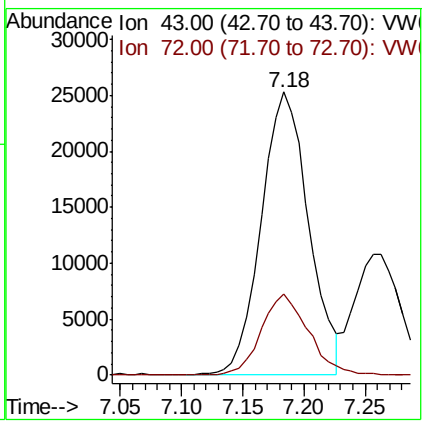


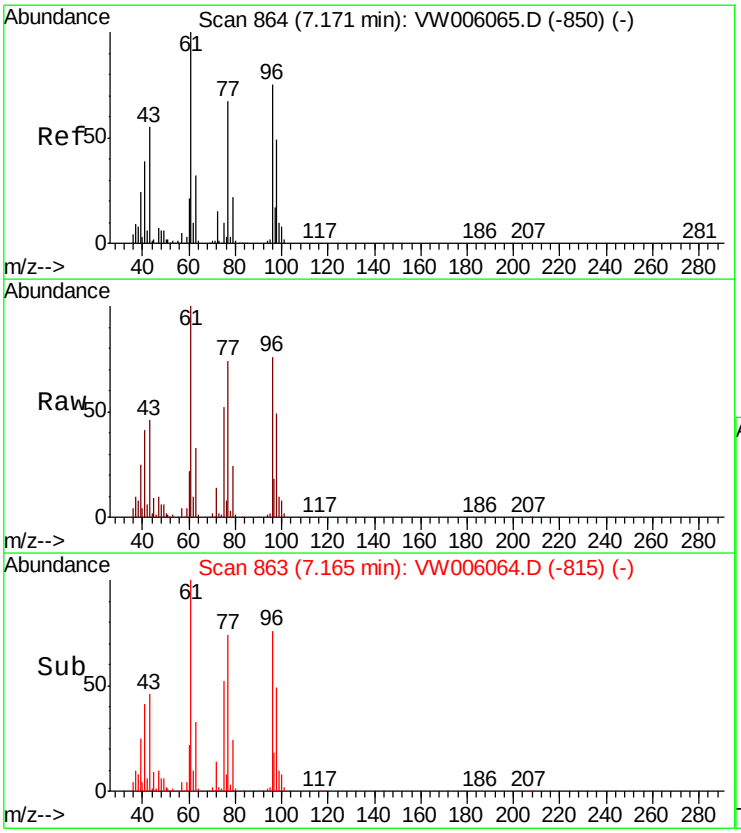

#25
2-Butanone
Concen: 87.346 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 68236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.7 | 22.8 | 34.2 |

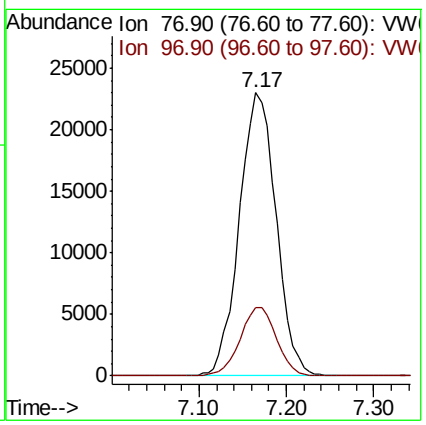


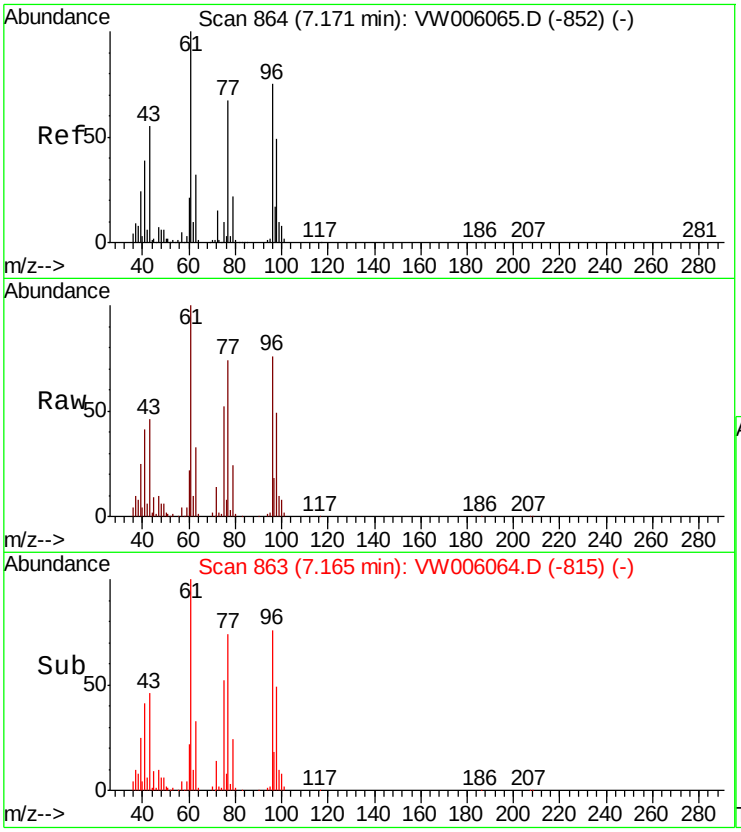




#26
2,2-Dichloropropane
Concen: 19.419 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 77 Resp: 67316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.8 | 12.2 | 36.4 |



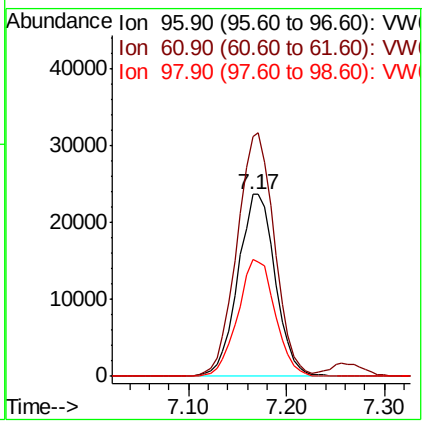


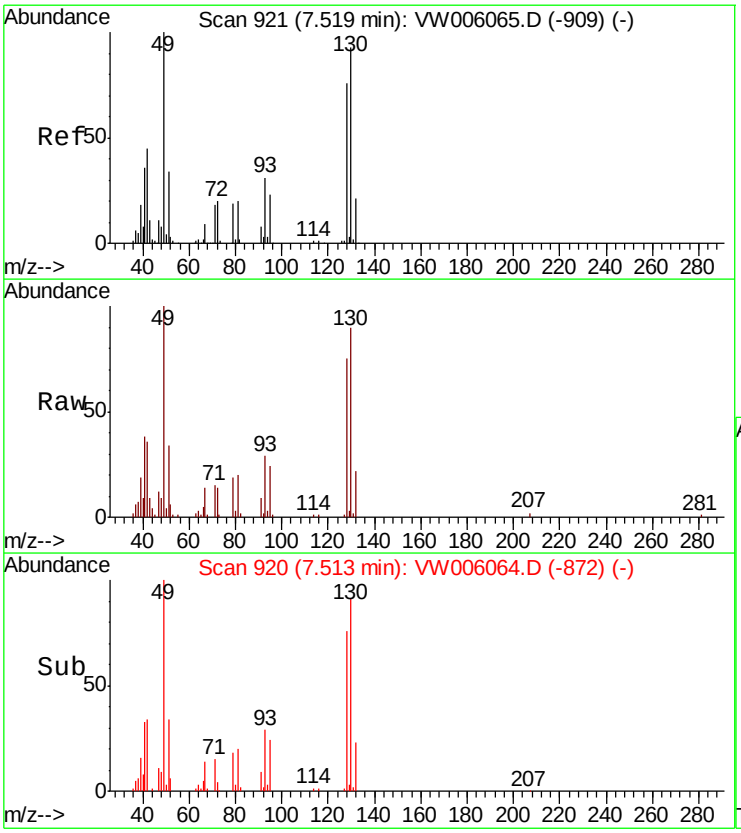

#27
cis-1,2-Dichloroethene
Concen: 19.898 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 96 Resp: 62703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.4 | 0.0 | 267.2 |
| 98 | 64.2 | 0.0 | 128.6 |

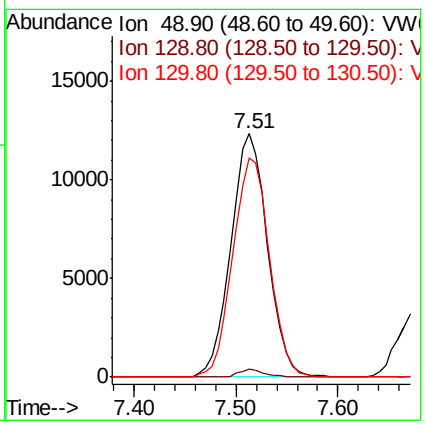


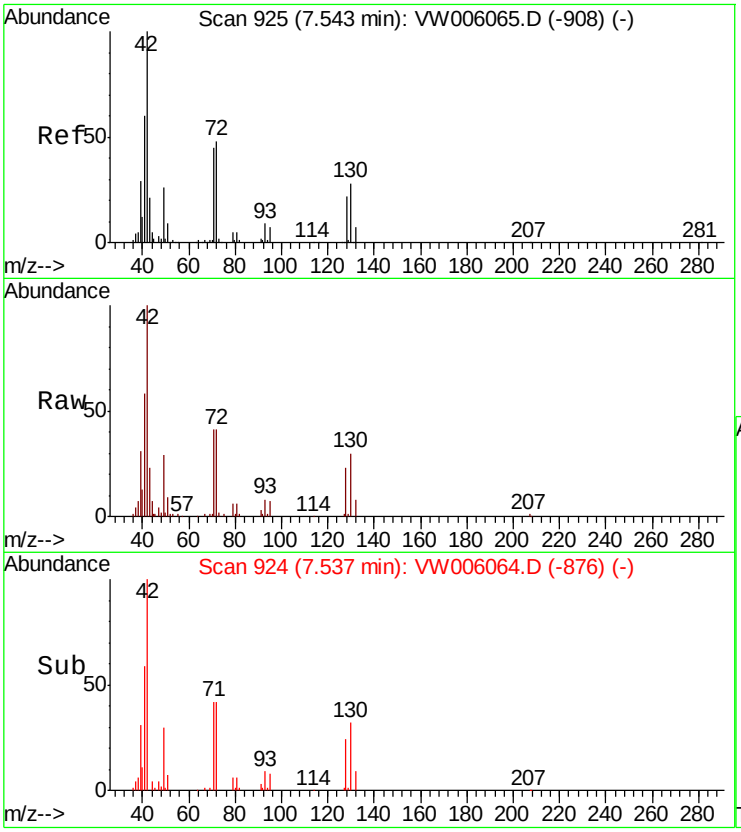




#28
Bromochloromethane
Concen: 16.355 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 49 Resp: 30684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 5.0 |
| 130 | 90.2 | 73.8 | 110.8 |



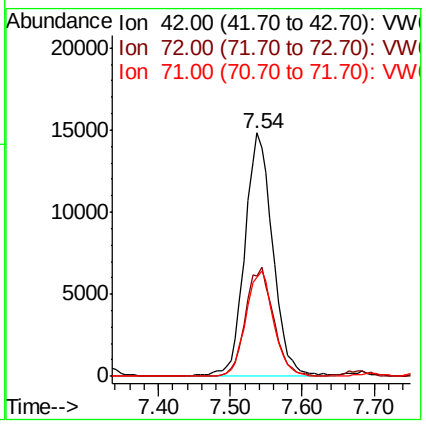


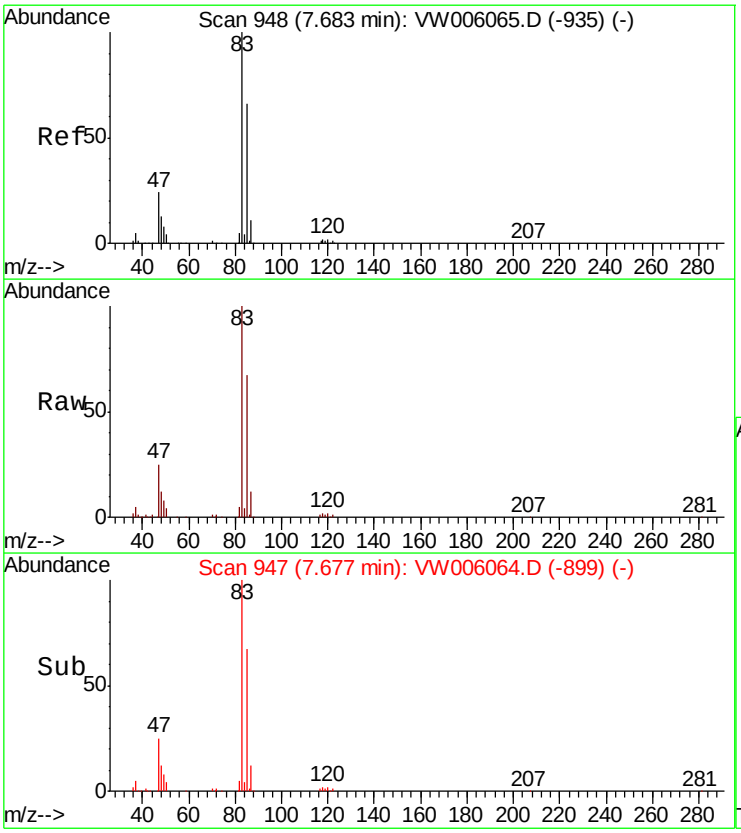

#29
Tetrahydrofuran
Concen: 80.991 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 42 Resp: 40026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.8 | 38.0 | 57.0 |
| 71 | 42.9 | 35.3 | 52.9 |

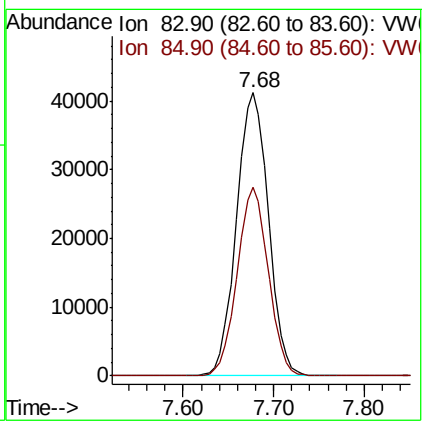


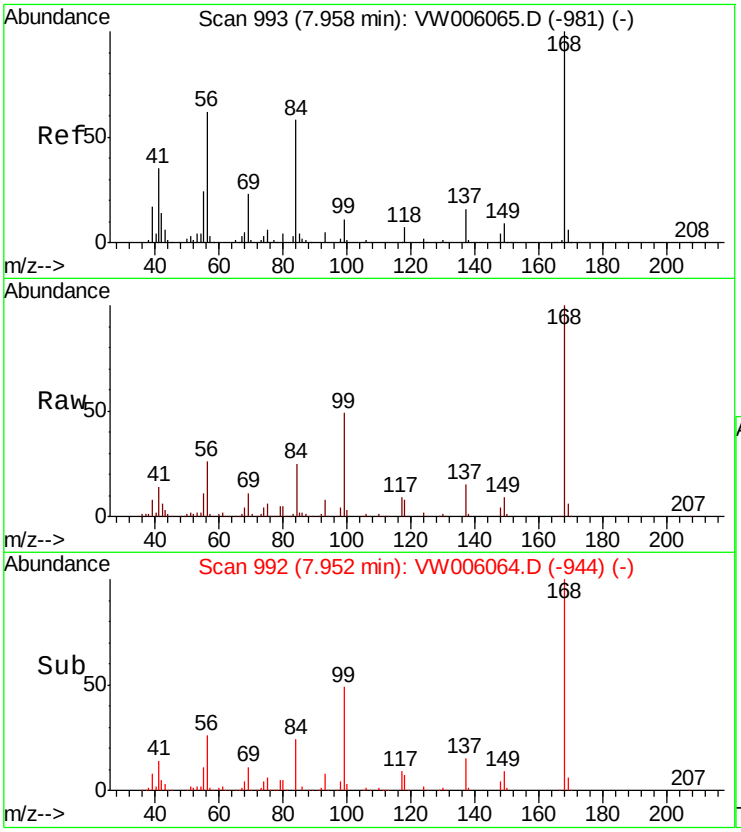




#30
Chloroform
Concen: 19.608 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 83 Resp: 100481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.6 | 52.6 | 79.0 |



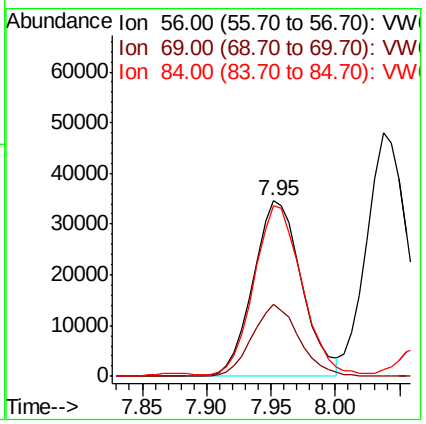


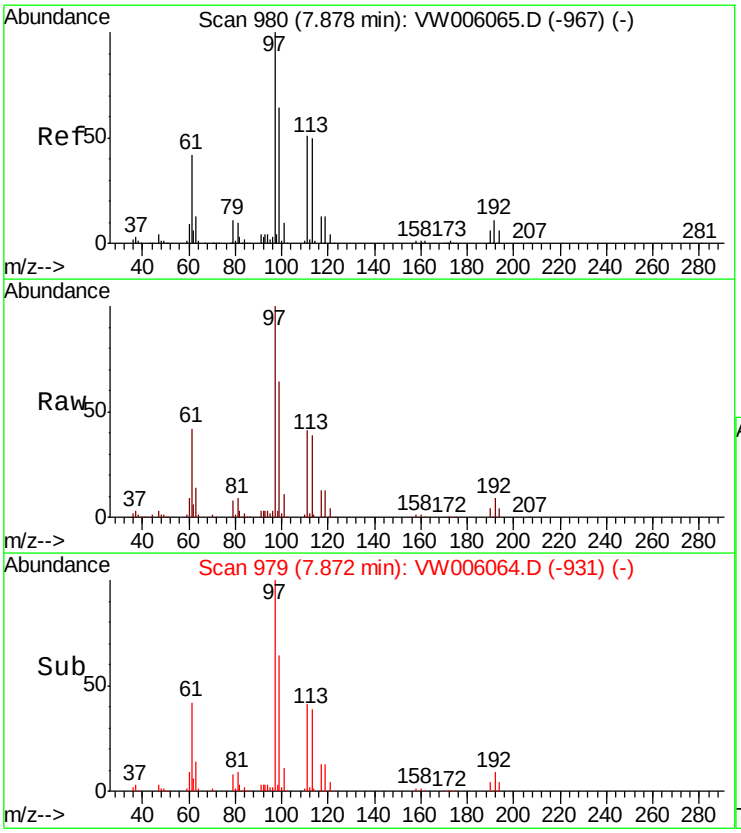

#31
Cyclohexane
Concen: 18.461 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 56 Resp: 90281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 40.7 | 29.4 | 44.0 |
| 84 | 95.4 | 74.0 | 111.0 |

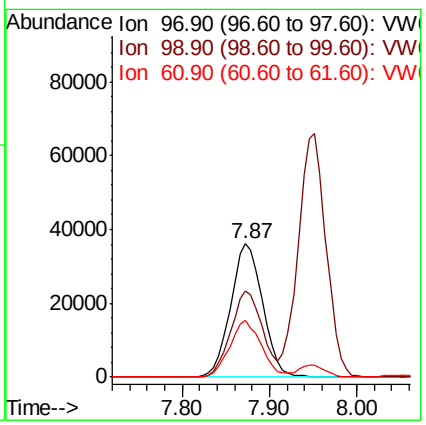


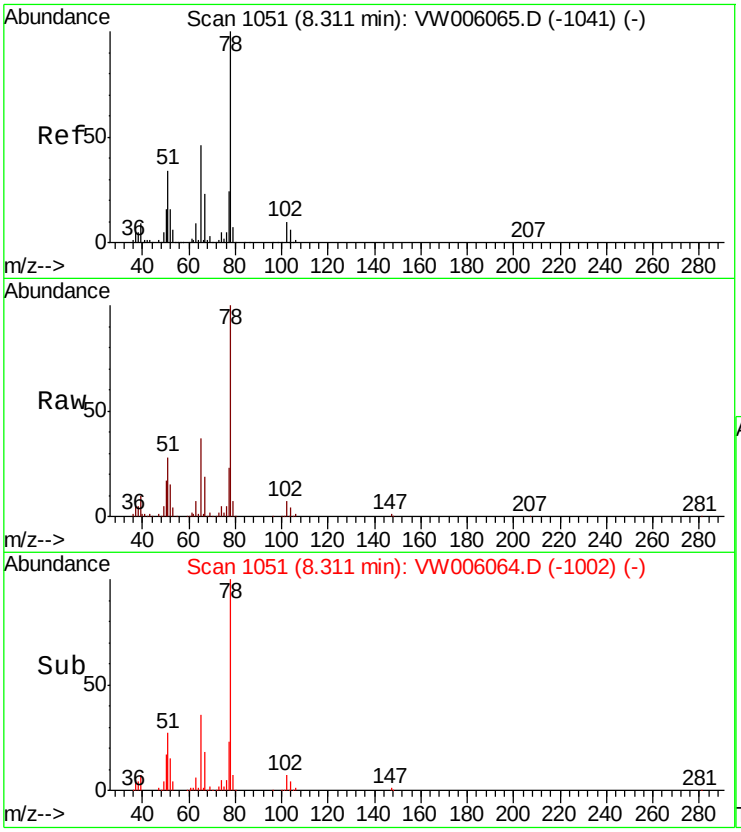




#32
1,1,1-Trichloroethane
Concen: 20.042 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 97 Resp: 91616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.9 | 50.9 | 76.3 |
| 61 | 41.8 | 33.7 | 50.5 |



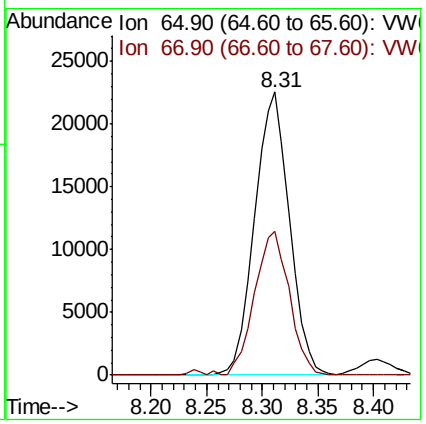


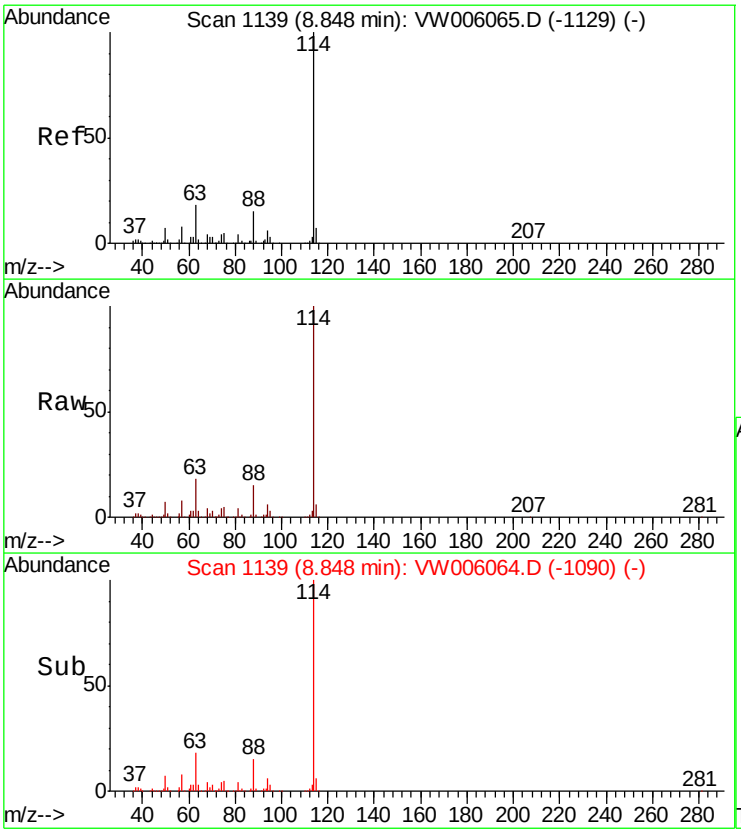

#33
1,2-Dichloroethane-d4
Concen: 17.591 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 65 Resp: 49068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.8 | 0.0 | 101.0 |

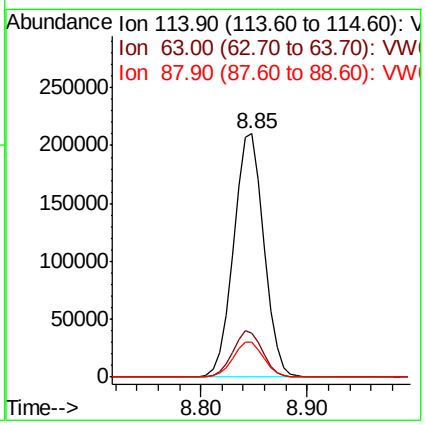


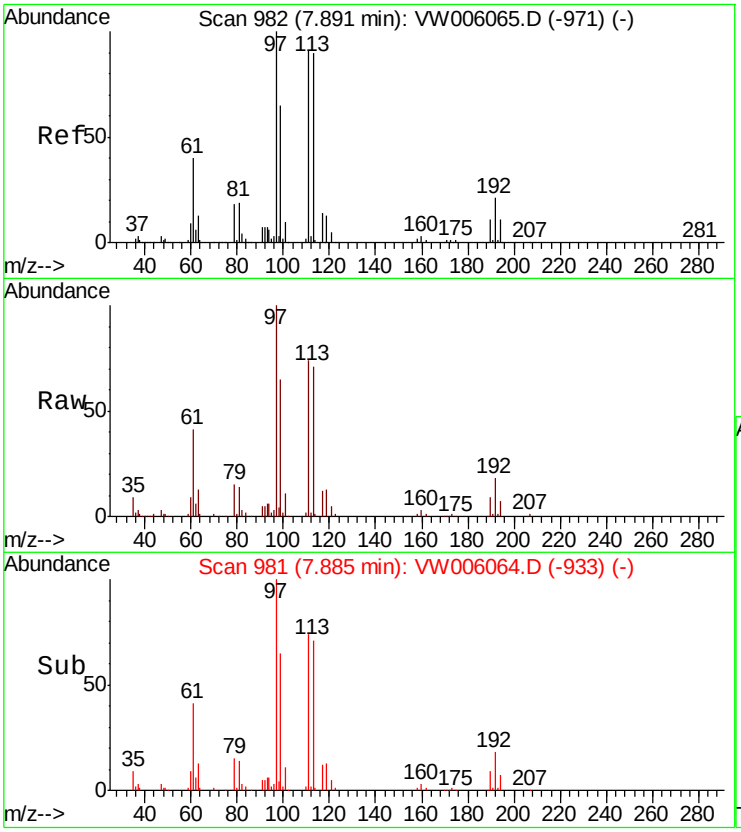




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:114 Resp: 419976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.9 | 0.0 | 36.8 |
| 88 | 14.6 | 0.0 | 29.0 |



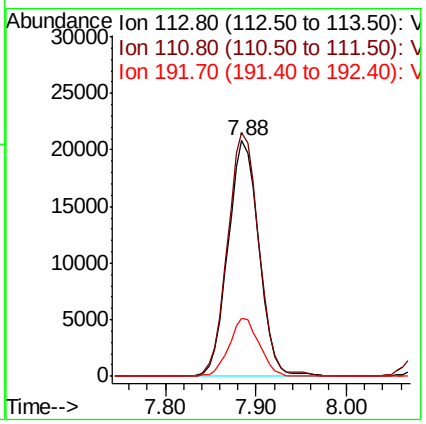


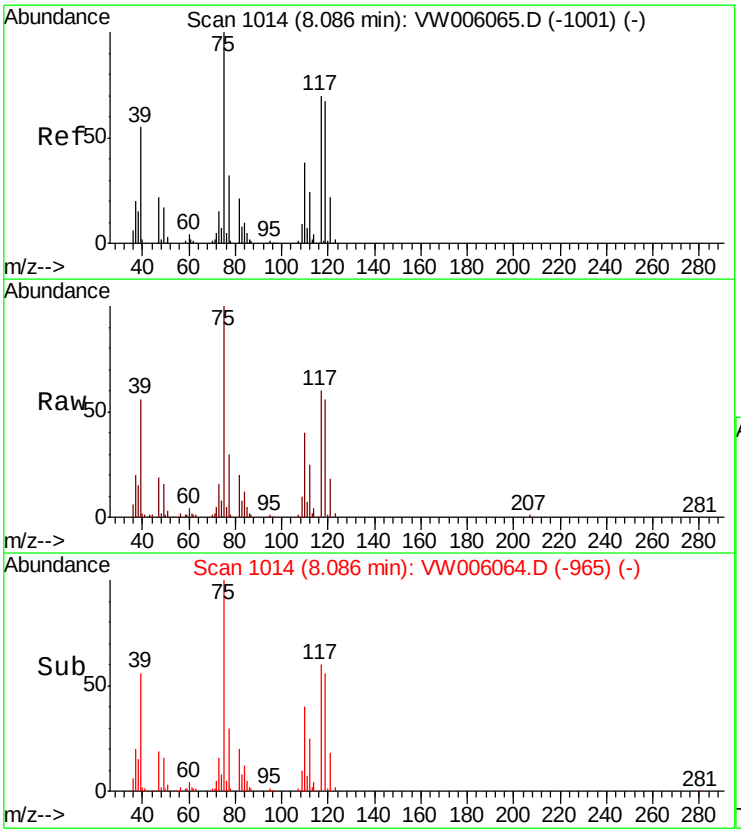

#35
Dibromofluoromethane
Concen: 18.618 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:113 Resp: 49308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.4 | 81.4 | 122.0 |
| 192 | 24.0 | 18.7 | 28.1 |

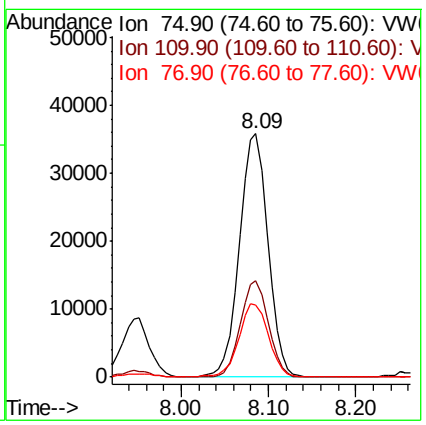


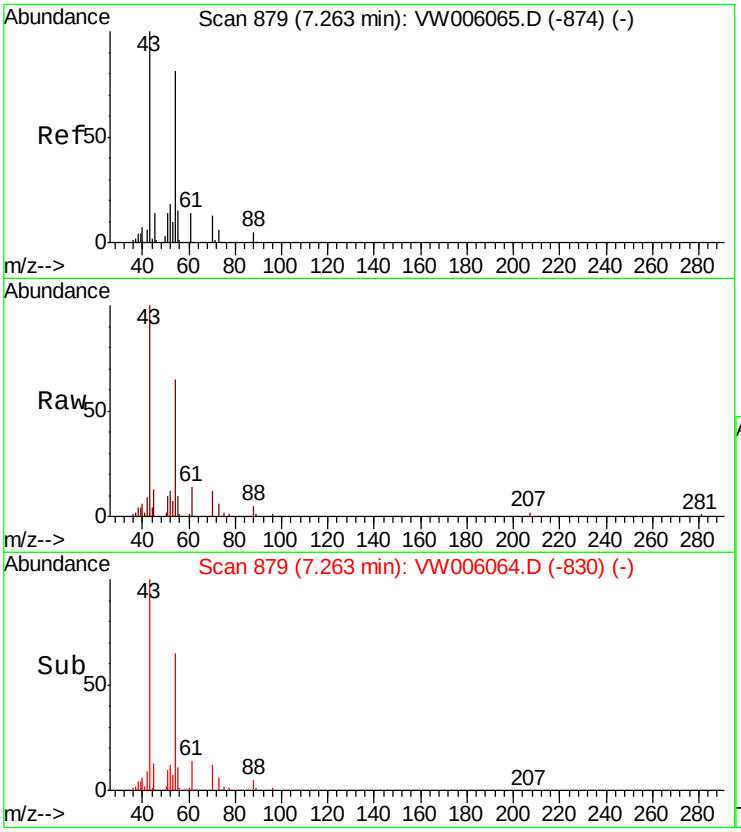




#36
1,1-Dichloropropene
Concen: 20.519 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 75 Resp: 81512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.6 | 19.1 | 57.1 |
| 77 | 31.1 | 25.0 | 37.4 |



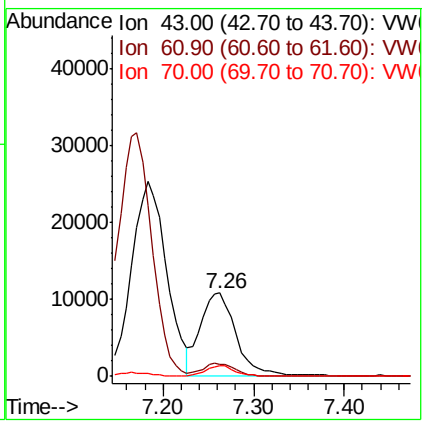


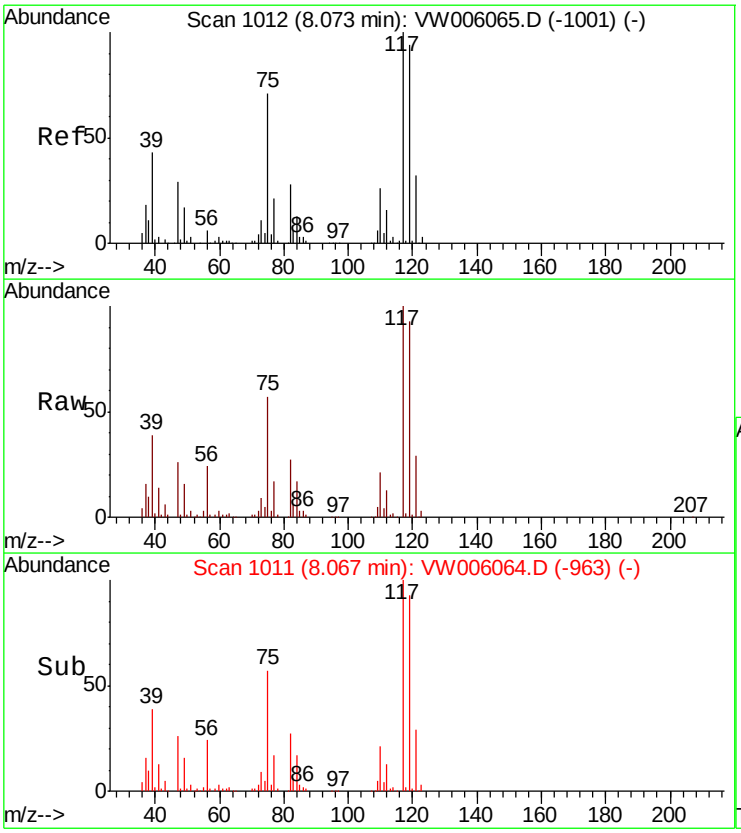

#37
Ethyl Acetate
Concen: 18.280 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 43 Resp: 30186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.4 | 11.5 | 17.3 |
| 70 | 10.7 | 9.2 | 13.8 |

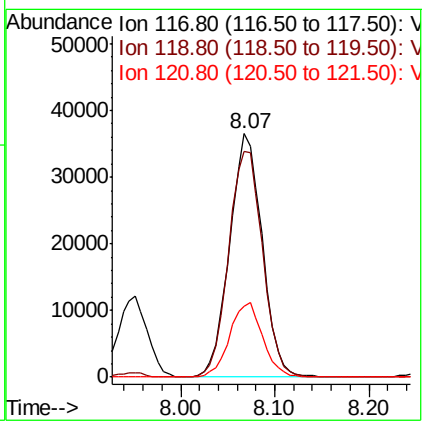


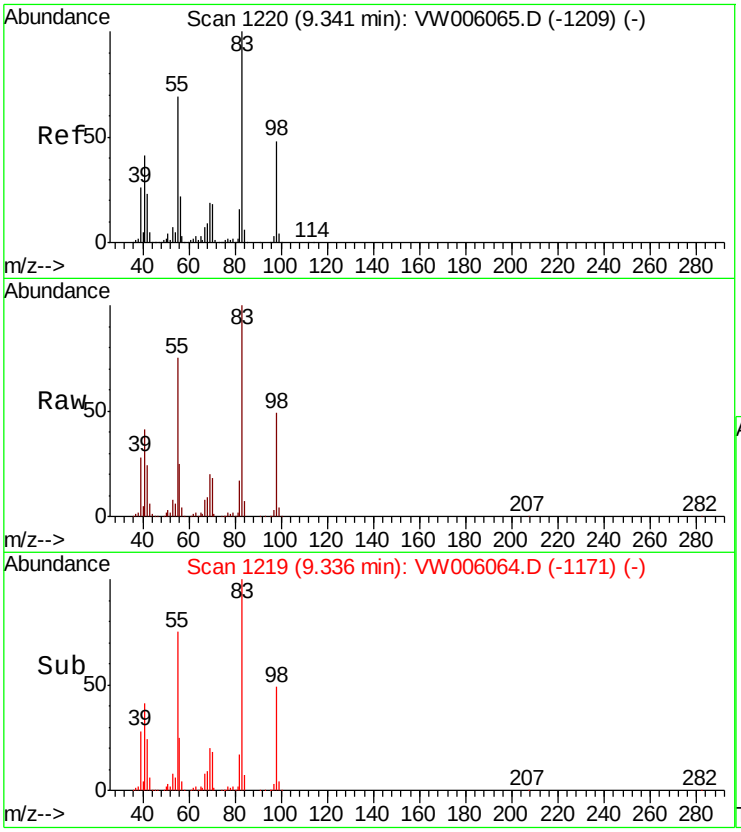




#38
Carbon Tetrachloride
Concen: 20.510 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:117 Resp: 87823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.6 | 75.2 | 112.8 |
| 121 | 29.1 | 25.3 | 37.9 |



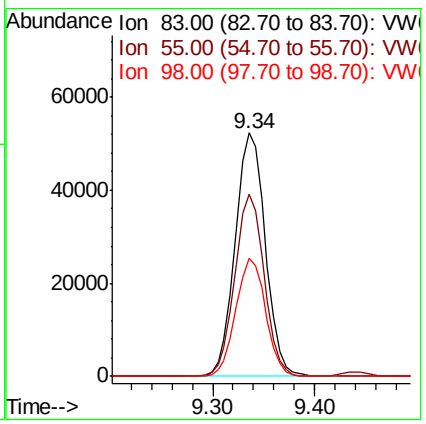


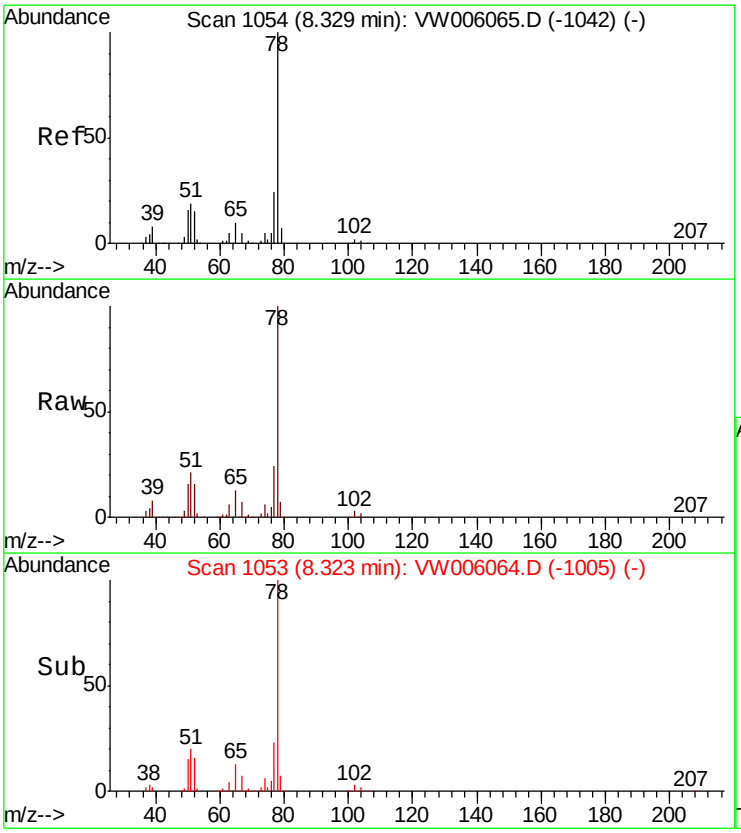

#39
Methylcyclohexane
Concen: 20.504 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 83 Resp: 107285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.8 | 55.0 | 82.6 |
| 98 | 48.6 | 38.6 | 57.8 |

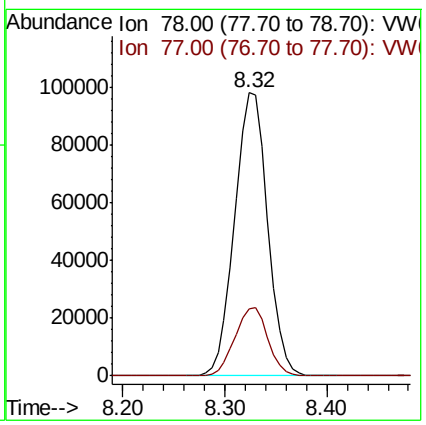


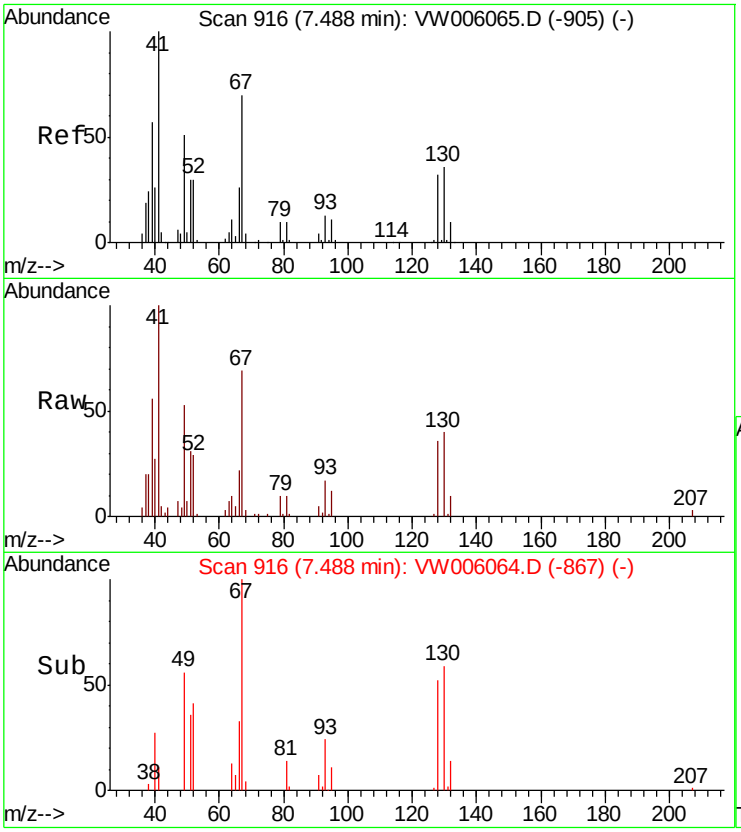




#40
Benzene
Concen: 20.271 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 78 Resp: 220494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 19.4 | 29.0 |



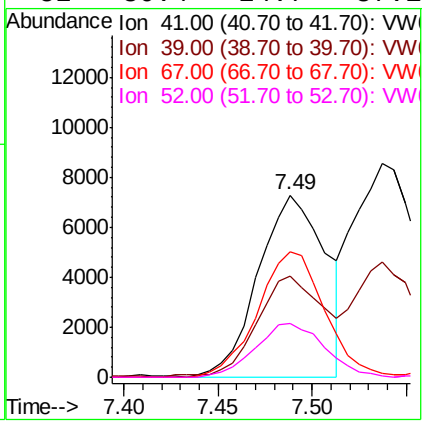


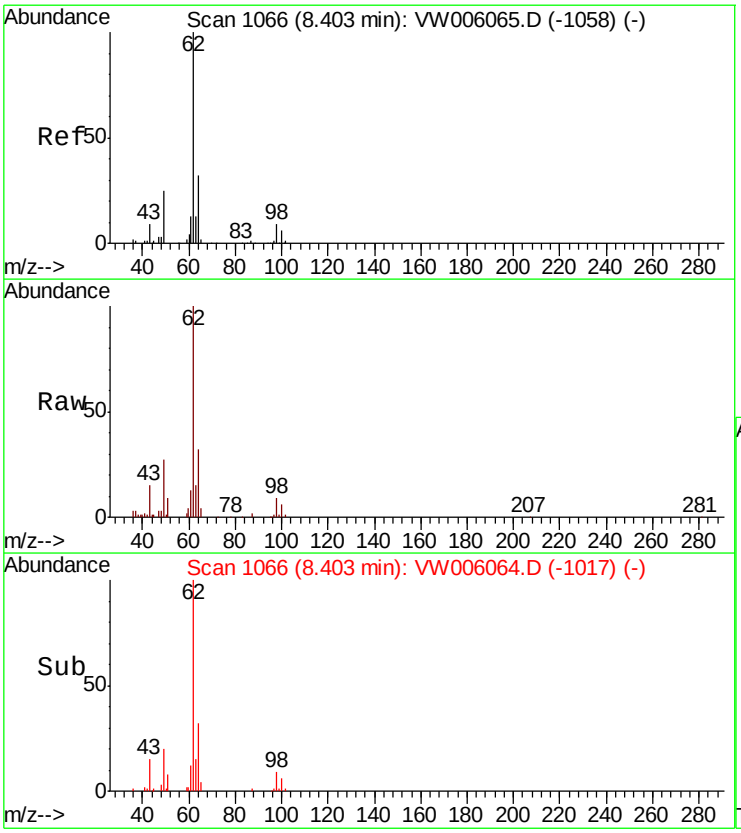

#41
Methacrylonitrile
Concen: 17.306 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 41 Resp: 18026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.5 | 46.2 | 69.4 |
| 67 | 69.3 | 57.7 | 86.5 |
| 52 | 30.4 | 24.7 | 37.1 |

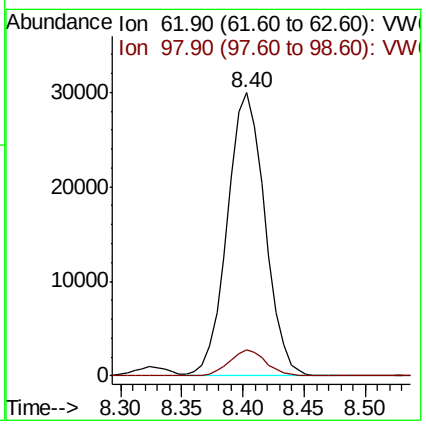


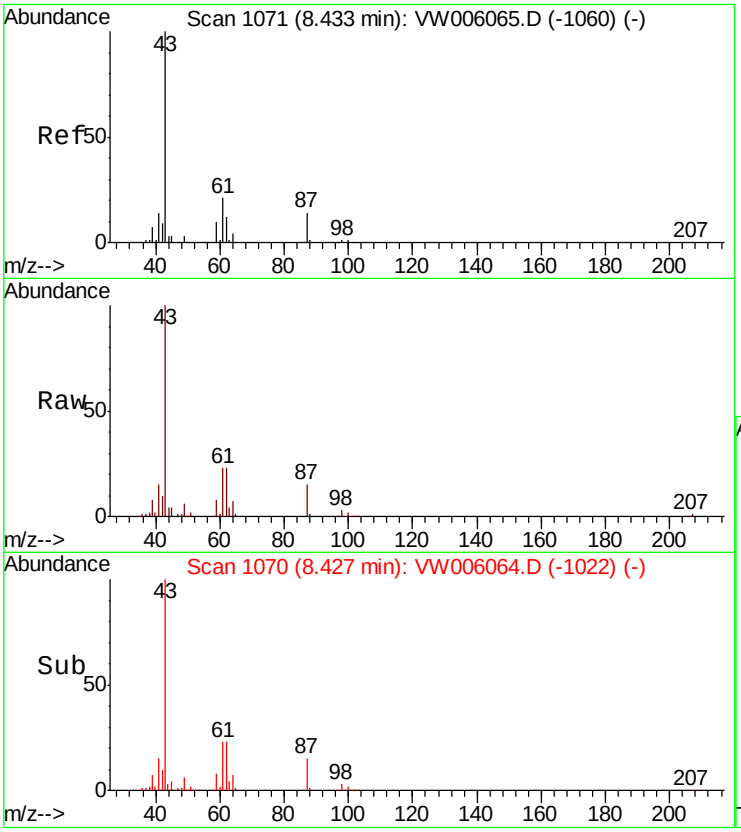




#42
1,2-Dichloroethane
Concen: 19.394 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 62 Resp: 63710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 18.4 |



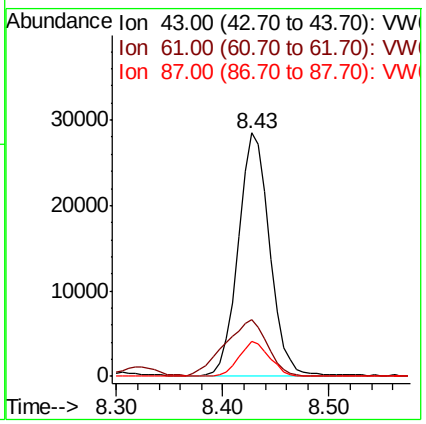


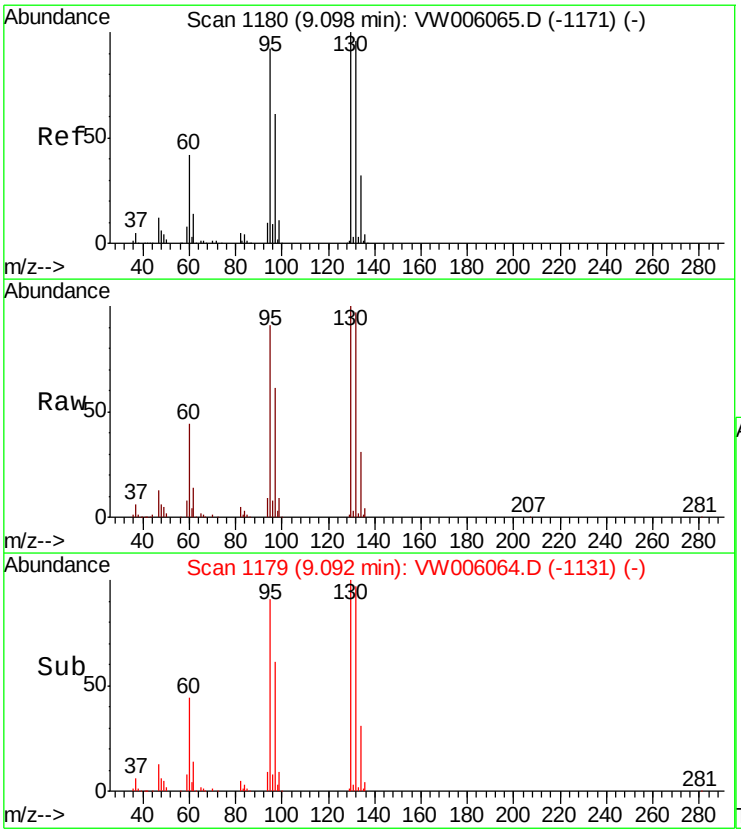

#43
Isopropyl Acetate
Concen: 17.115 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 43 Resp: 58860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 31.5 | 25.5 | 38.3 |
| 87 | 14.2 | 11.7 | 17.5 |

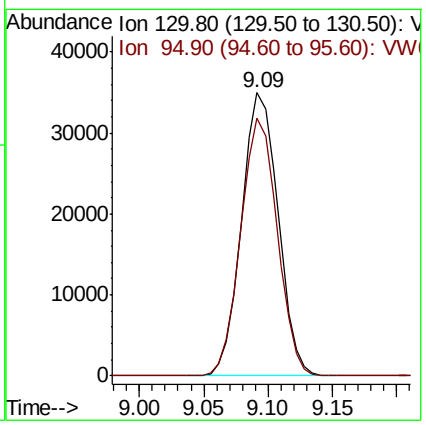


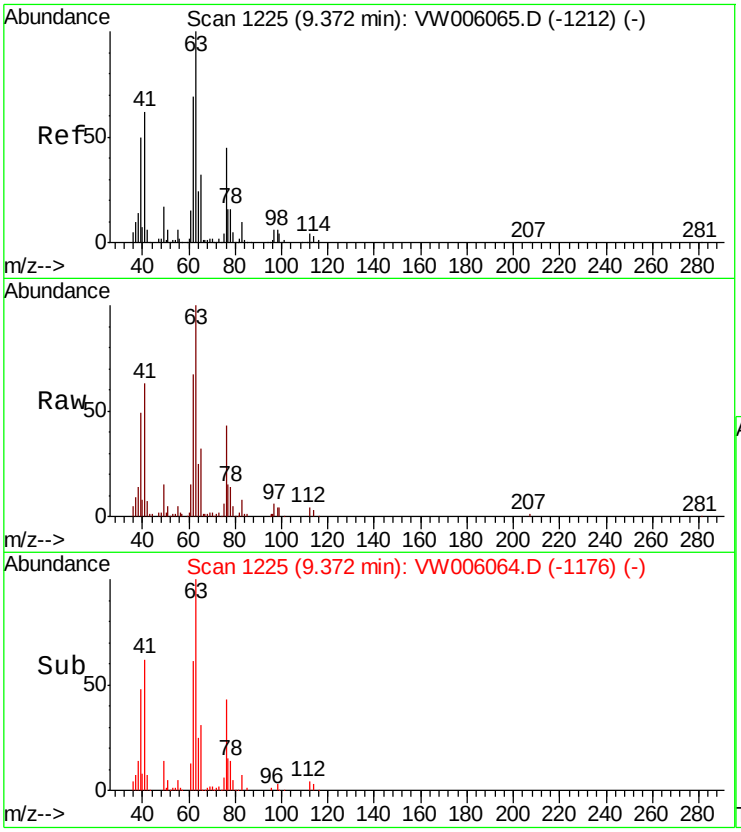




#44
Trichloroethene
Concen: 21.545 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:130 Resp: 68413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.1 | 0.0 | 183.2 |



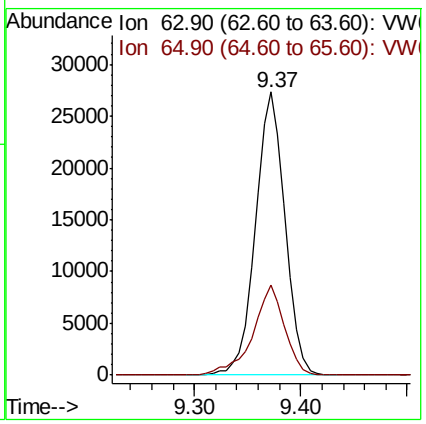


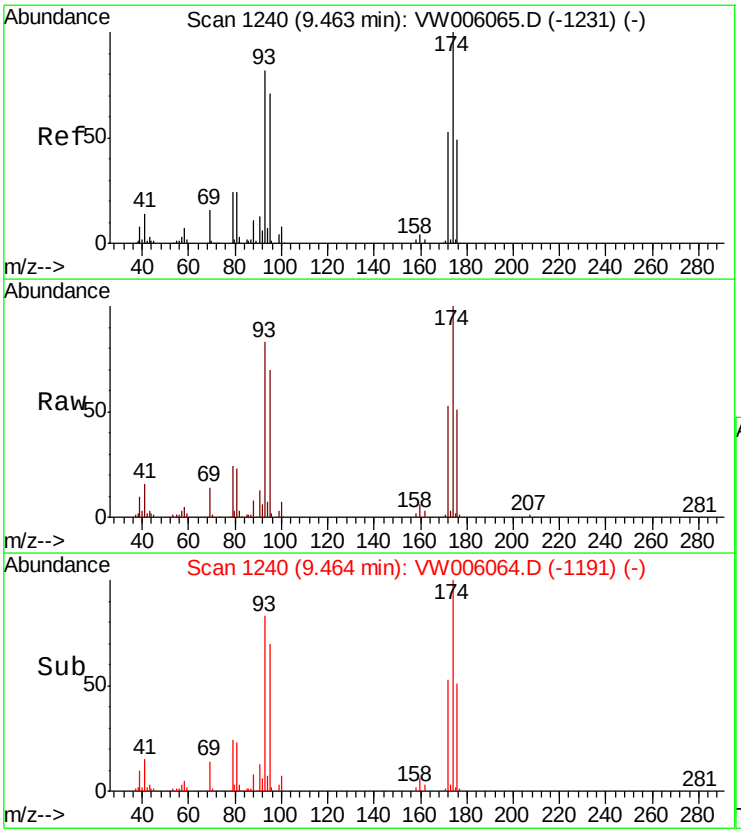

#45
1,2-Dichloropropane
Concen: 19.559 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 63 Resp: 53010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.7 | 25.4 | 38.0 |

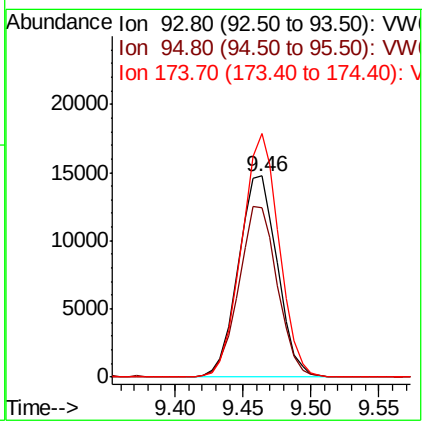


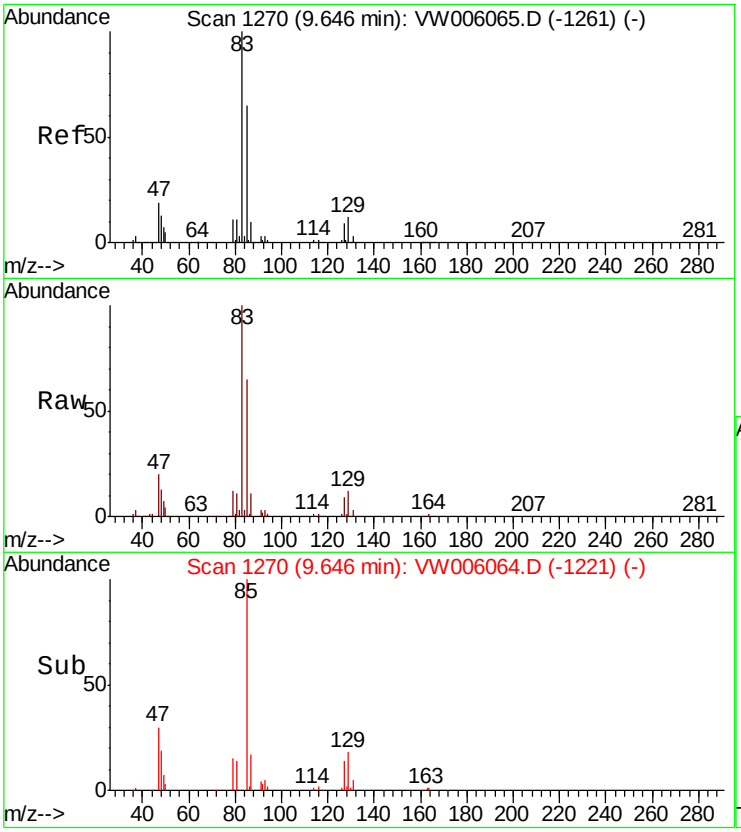




#46
Dibromomethane
Concen: 19.694 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 93 Resp: 29517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.2 | 67.7 | 101.5 |
| 174 | 116.9 | 93.7 | 140.5 |



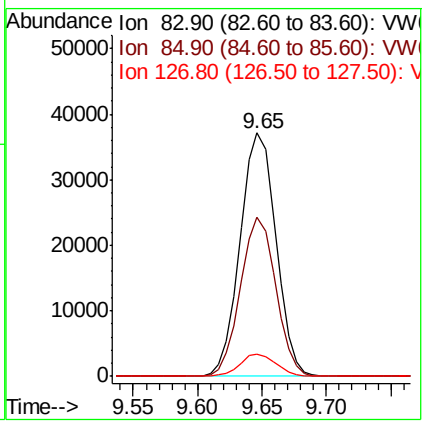


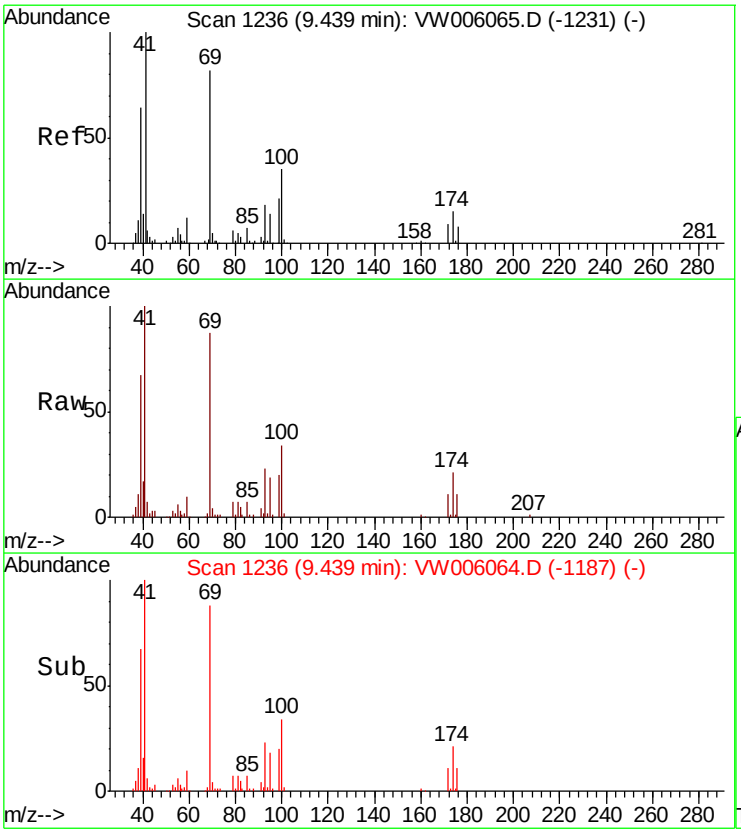

#47
Bromodichloromethane
Concen: 19.050 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 83 Resp: 71585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 51.8 | 77.8 |
| 127 | 9.3 | 6.9 | 10.3 |

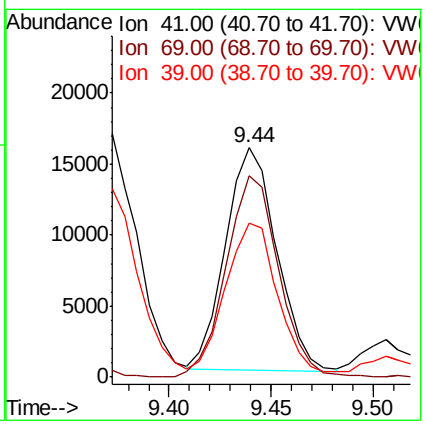


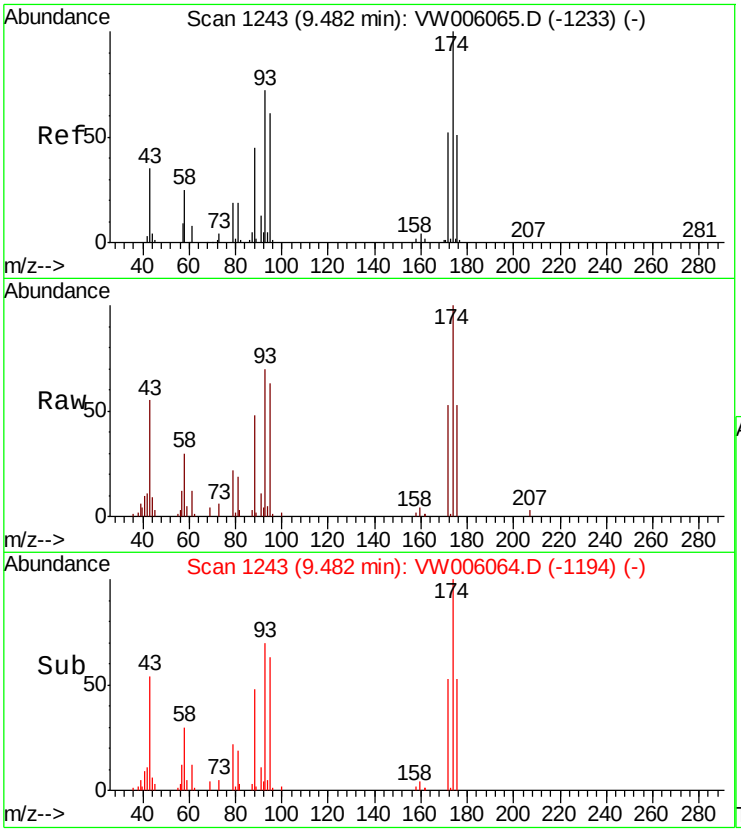




#48
Methyl methacrylate
Concen: 16.572 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 41 Resp: 27223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 93.7 | 71.8 | 107.8 |
| 39 | 67.1 | 52.5 | 78.7 |



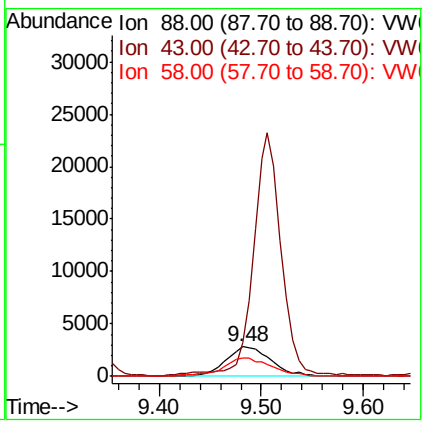


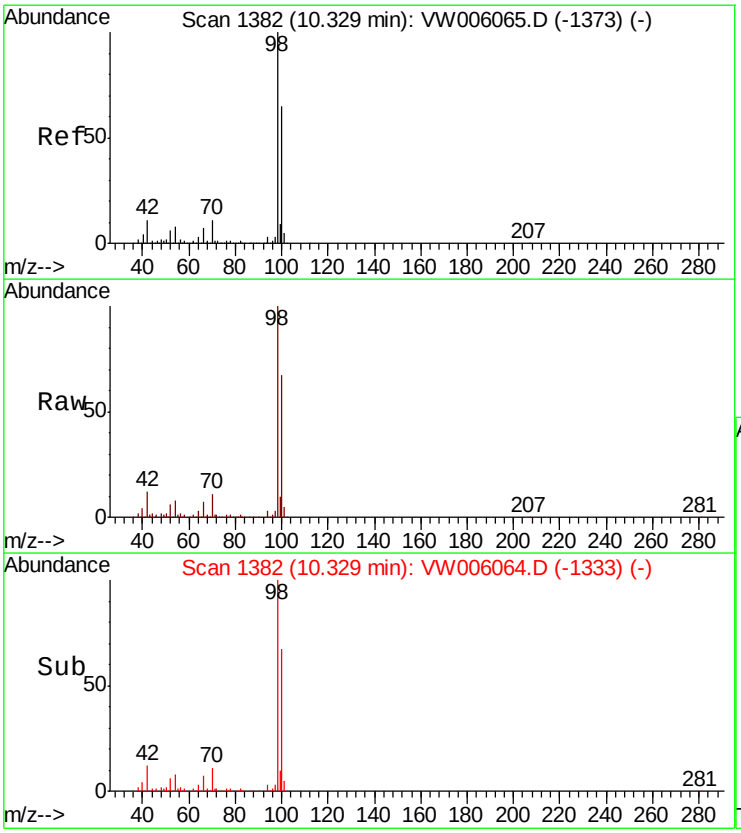

#49
1,4-Dioxane
Concen: 373.794 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 88 Resp: 8554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 0.0 | 0.0 |
| 58 | 67.1 | 51.2 | 76.8 |

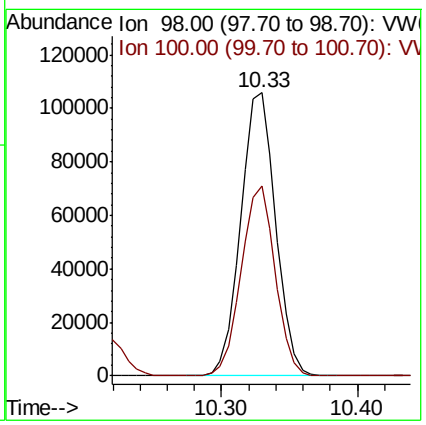


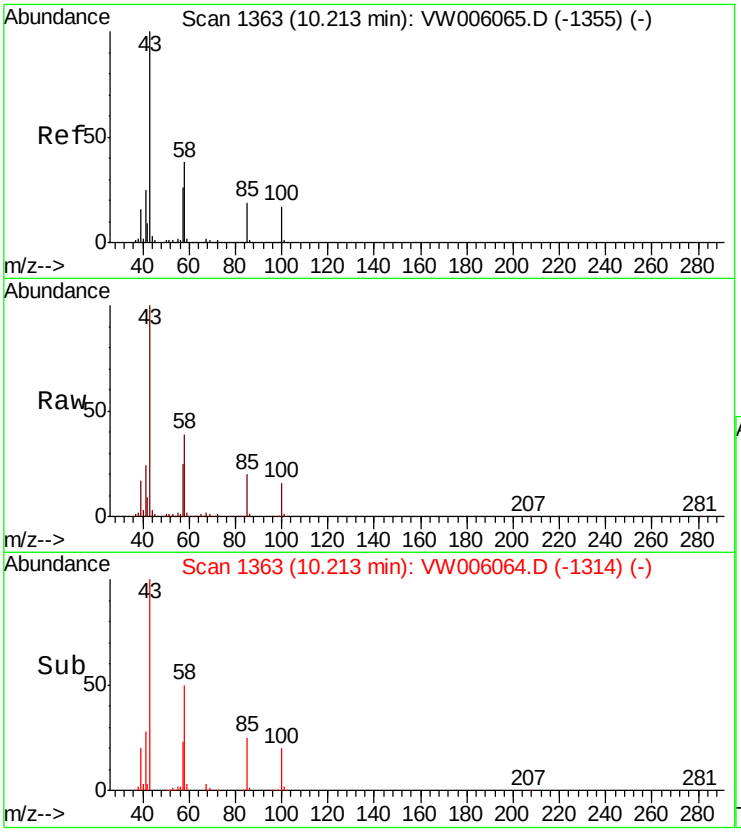




#50
Toluene-d8
Concen: 18.697 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 98 Resp: 189879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.7 | 51.6 | 77.4 |



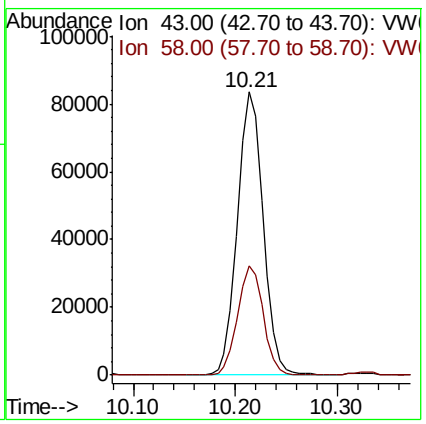


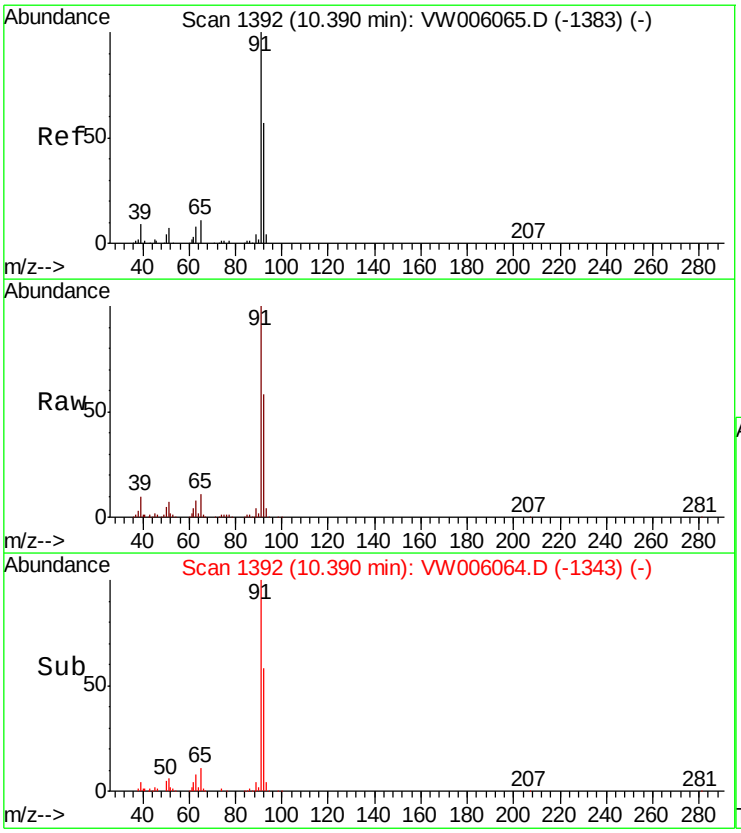

#51
4-Methyl-2-Pentanone
Concen: 87.155 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 43 Resp: 146640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.5 | 31.5 | 47.3 |

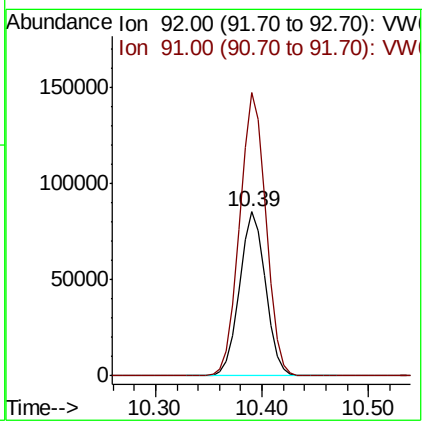


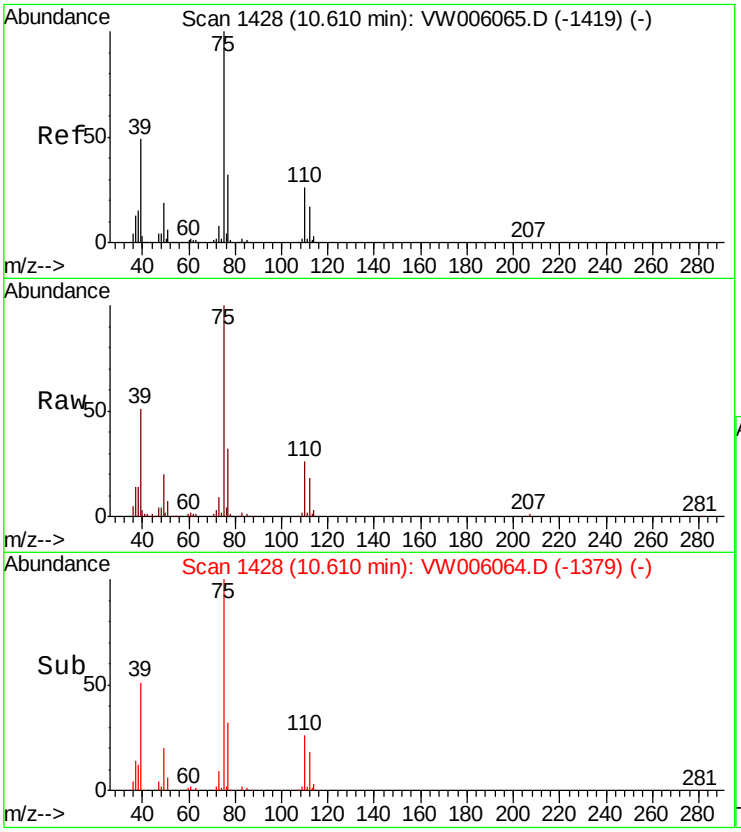




#52
Toluene
Concen: 20.478 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 92 Resp: 146903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.8 | 140.0 | 210.0 |



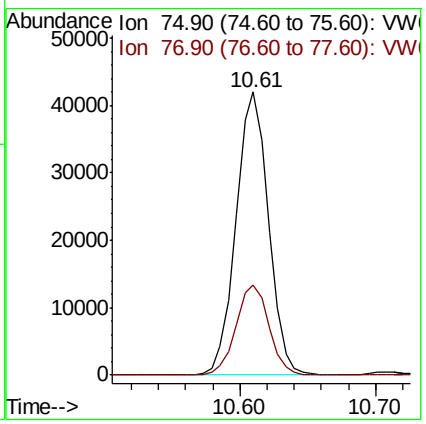


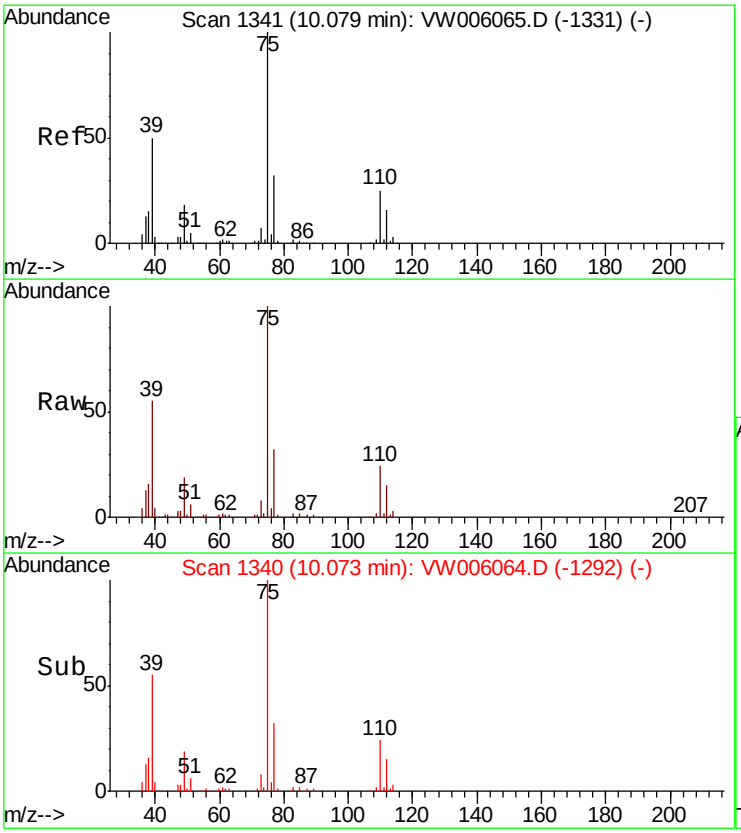

#53
t-1,3-Dichloropropene
Concen: 17.946 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 75 Resp: 69882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 25.4 | 38.2 |

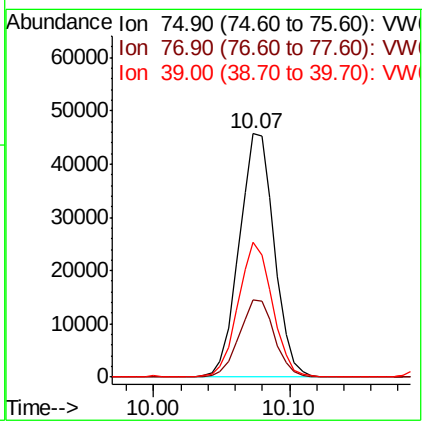


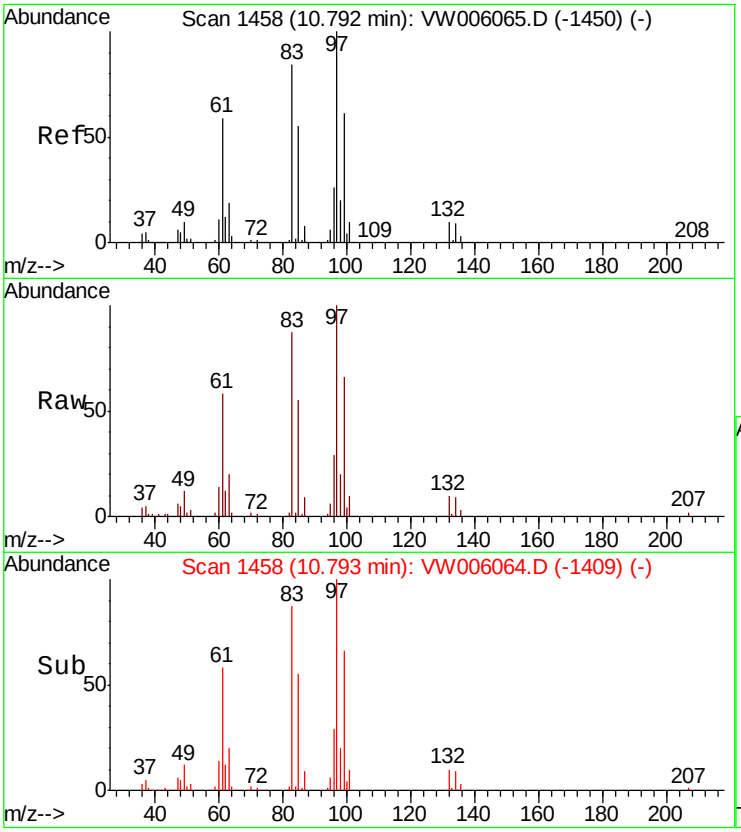




#54
cis-1,3-Dichloropropene
Concen: 18.775 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 75 Resp: 82508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 25.2 | 37.8 |
| 39 | 55.1 | 39.9 | 59.9 |



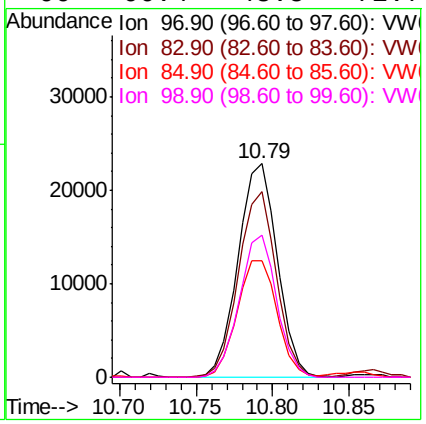


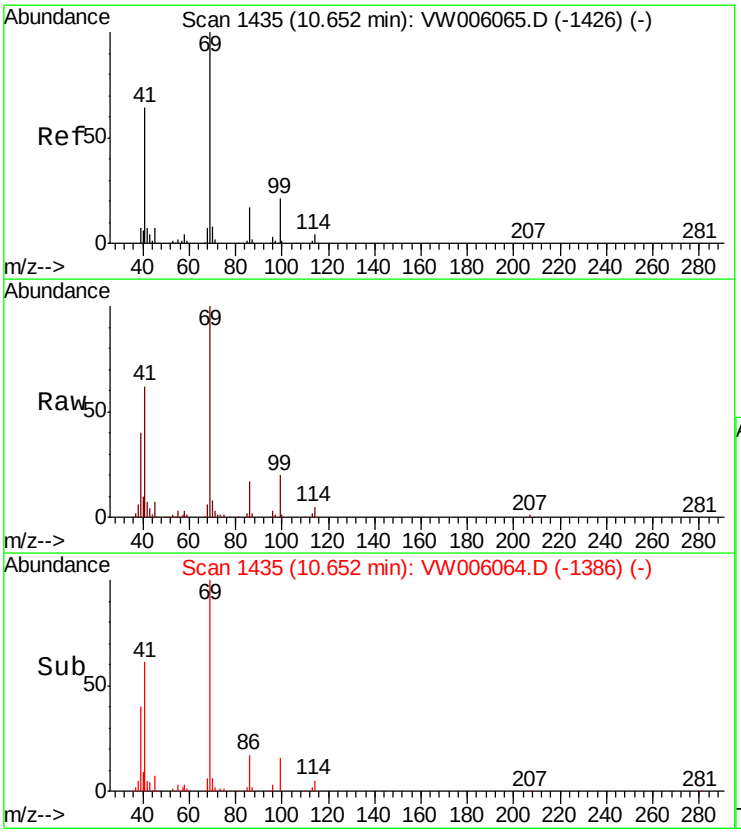

#55
1,1,2-Trichloroethane
Concen: 19.613 ug/l
RT: 10.79 min Scan# 1458
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 97 Resp: 40828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.8 | 67.2 | 100.8 |
| 85 | 54.7 | 43.7 | 65.5 |
| 99 | 66.4 | 48.5 | 72.7 |

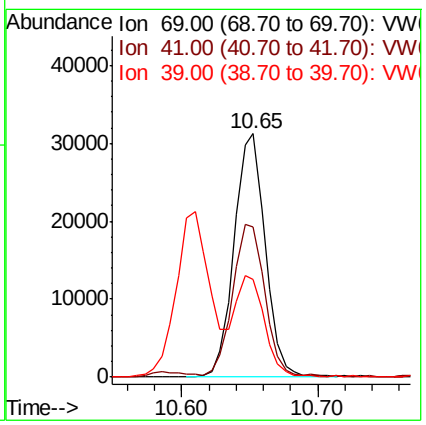


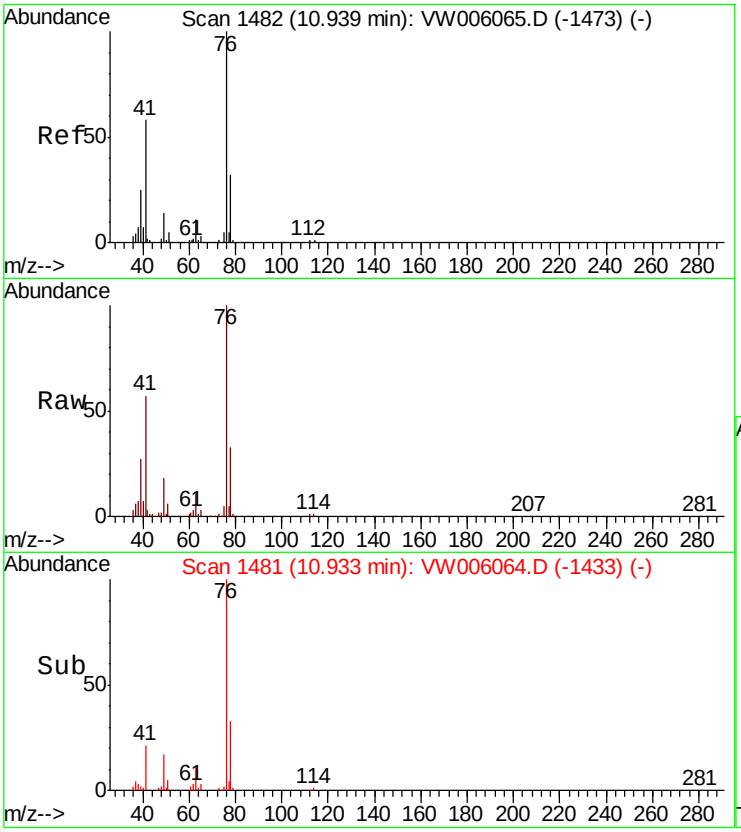




#56
Ethyl methacrylate
Concen: 17.987 ug/l
RT: 10.65 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 69 Resp: 49751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.1 | 52.8 | 79.2 |
| 39 | 41.6 | 30.6 | 45.8 |



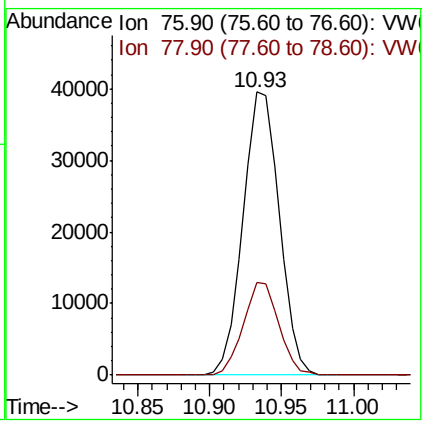


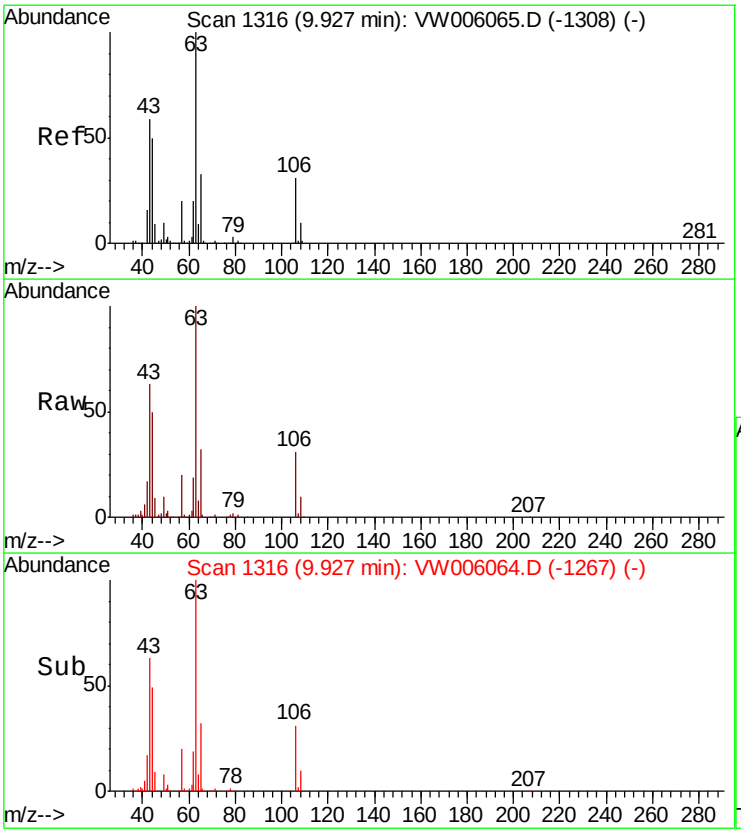

#57
1,3-Dichloropropane
Concen: 19.767 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 76 Resp: 68984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.1 | 25.9 | 38.9 |

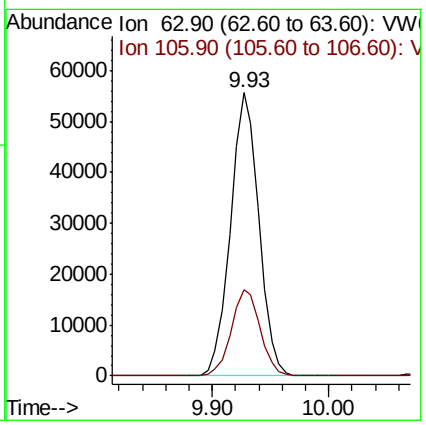


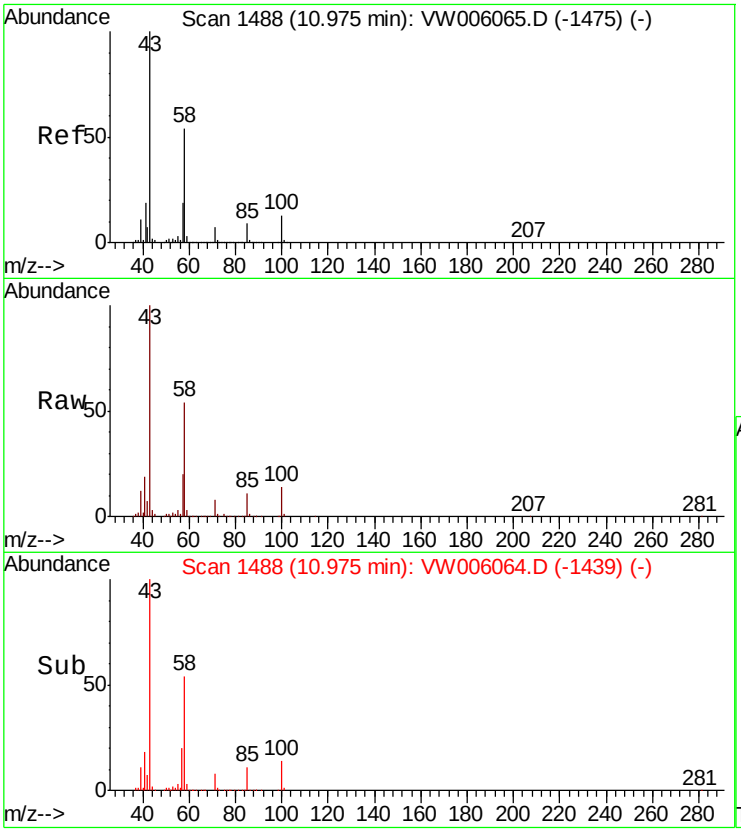




#58
2-Chloroethyl Vinyl ether
Concen: 84.373 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 63 Resp: 94148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 31.0 | 24.5 | 36.7 |



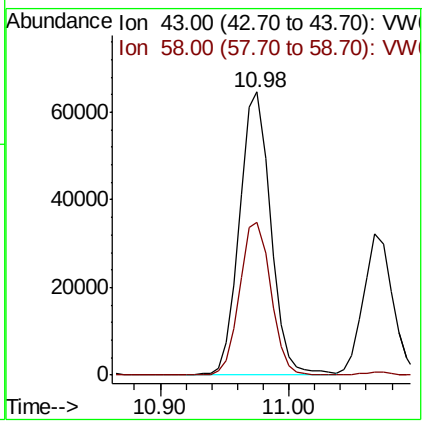


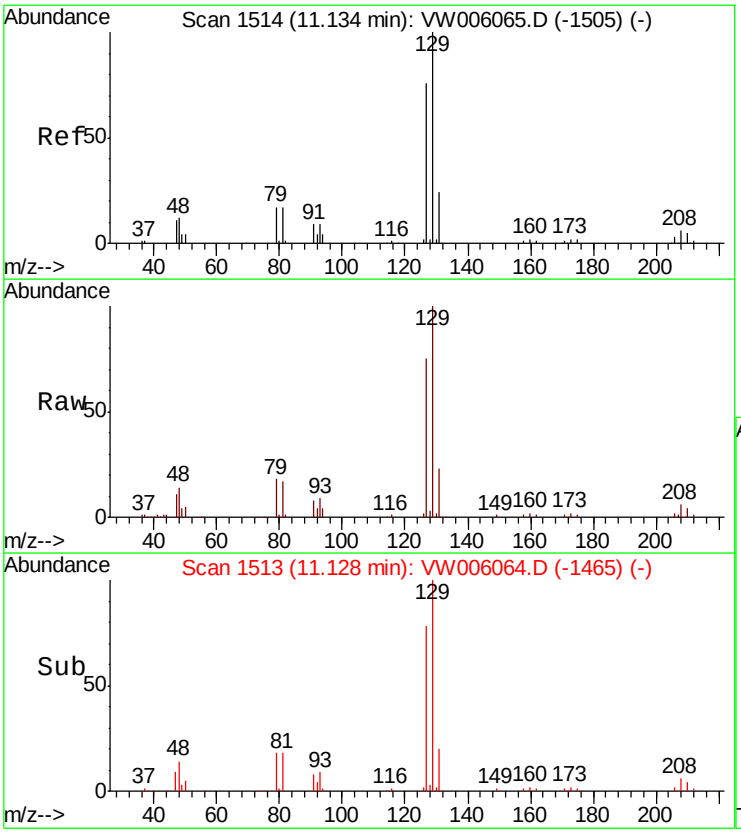

#59
2-Hexanone
Concen: 89.859 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 43 Resp: 107820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.3 | 26.9 | 80.6 |

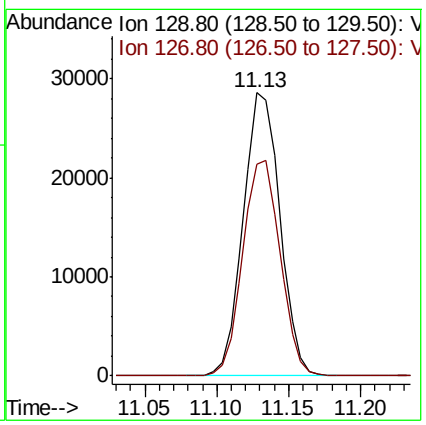


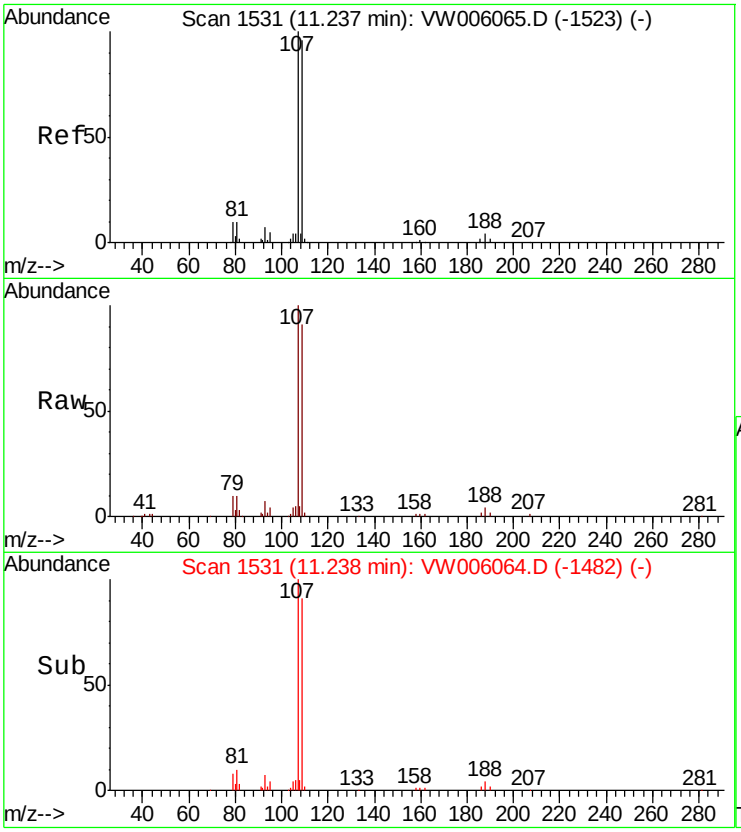




#60
Dibromochloromethane
Concen: 18.838 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:129 Resp: 50406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 38.6 | 115.7 |



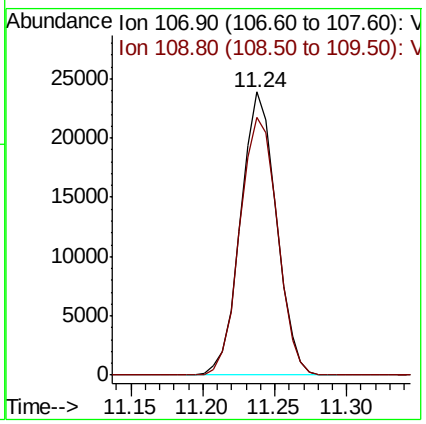


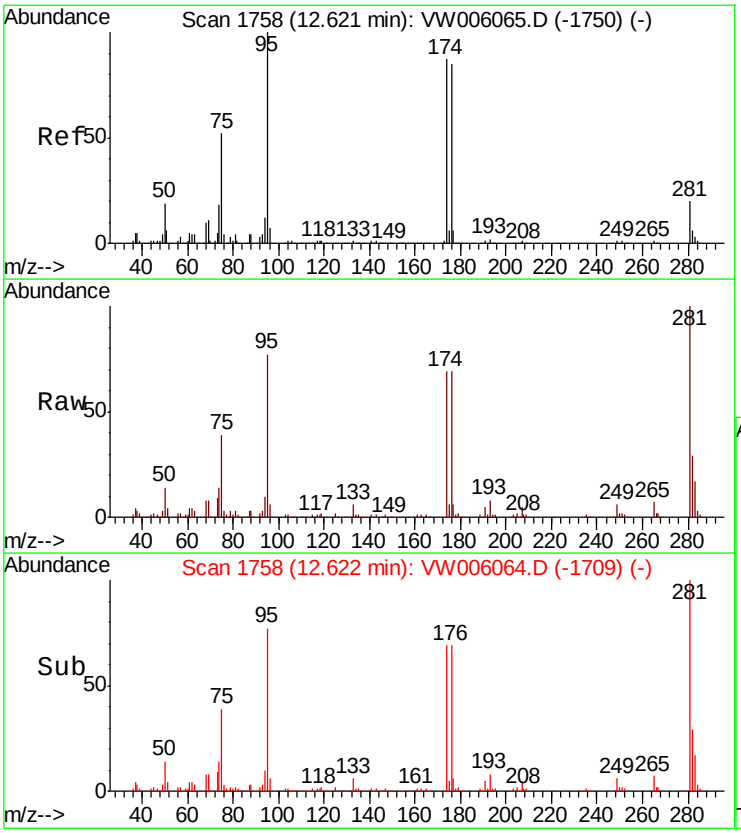

#61
1,2-Dibromoethane
Concen: 19.647 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:107 Resp: 40903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.8 | 76.3 | 114.5 |

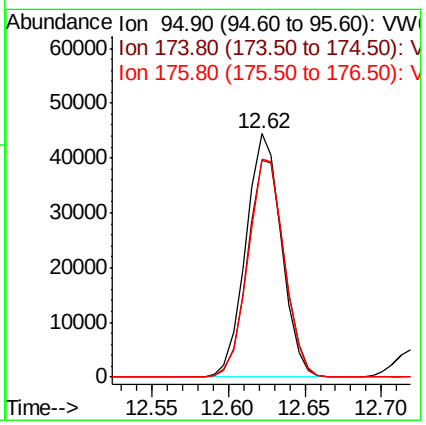


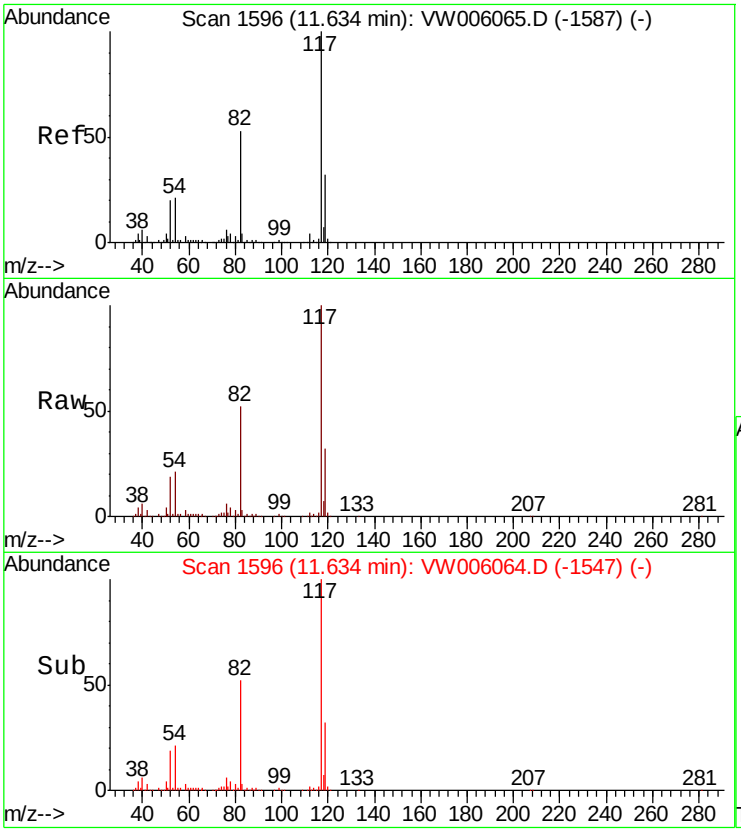




#62
4-Bromofluorobenzene
Concen: 18.593 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 95 Resp: 71780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.7 | 0.0 | 186.0 |
| 176 | 91.0 | 0.0 | 181.6 |



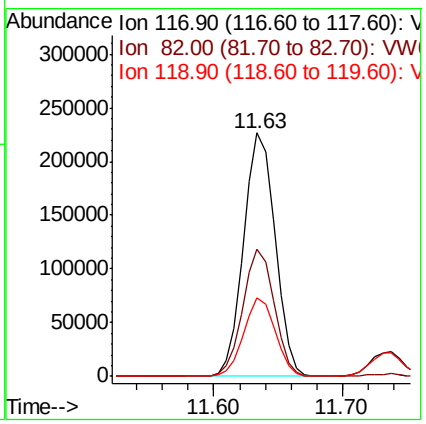


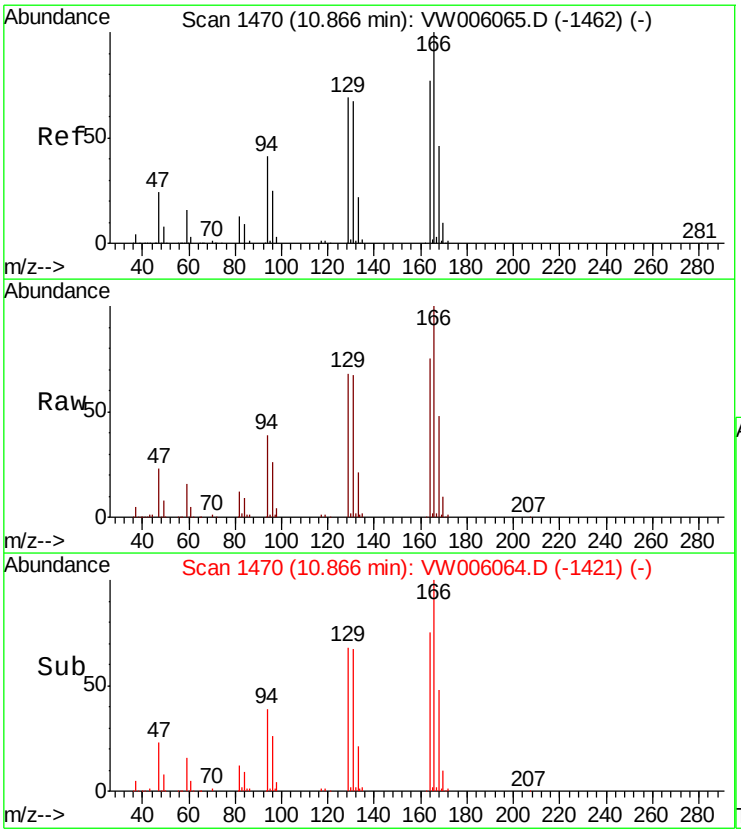

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:117 Resp: 382553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.3 | 42.1 | 63.1 |
| 119 | 32.1 | 25.8 | 38.6 |

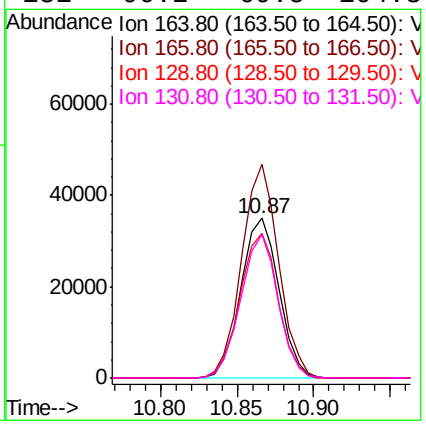


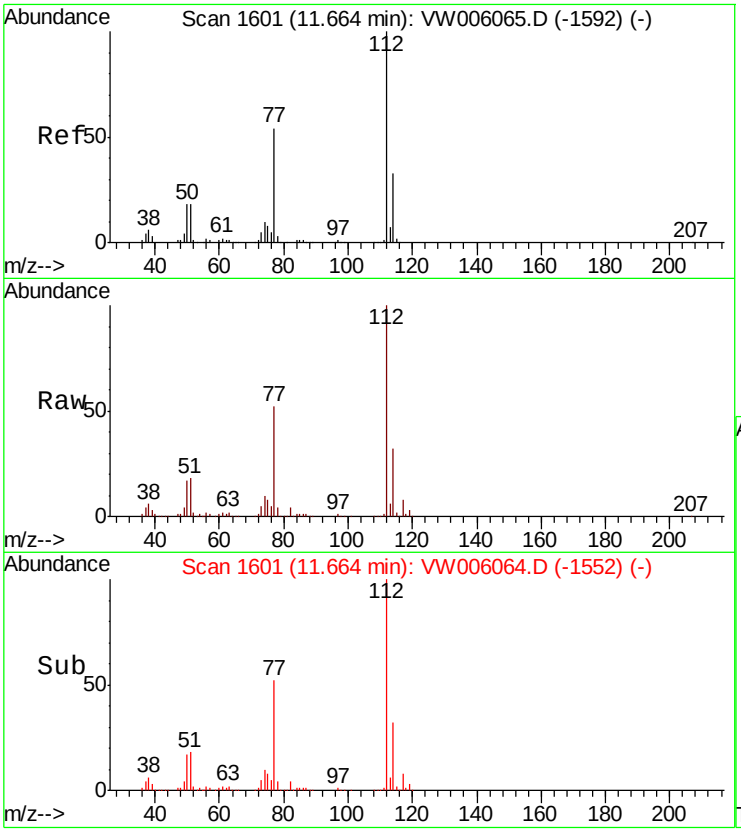




#64
Tetrachloroethene
Concen: 21.311 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:164 Resp: 60610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 133.9 | 103.4 | 155.0 |
| 129 | 90.4 | 71.8 | 107.8 |
| 131 | 90.2 | 69.5 | 104.3 |



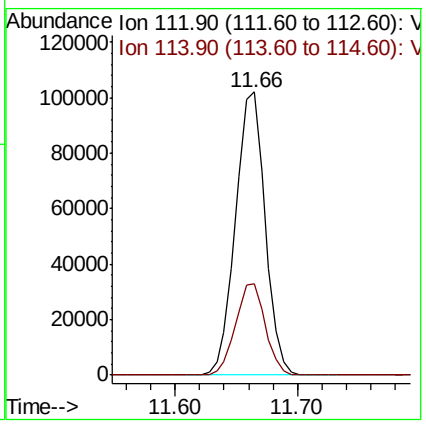


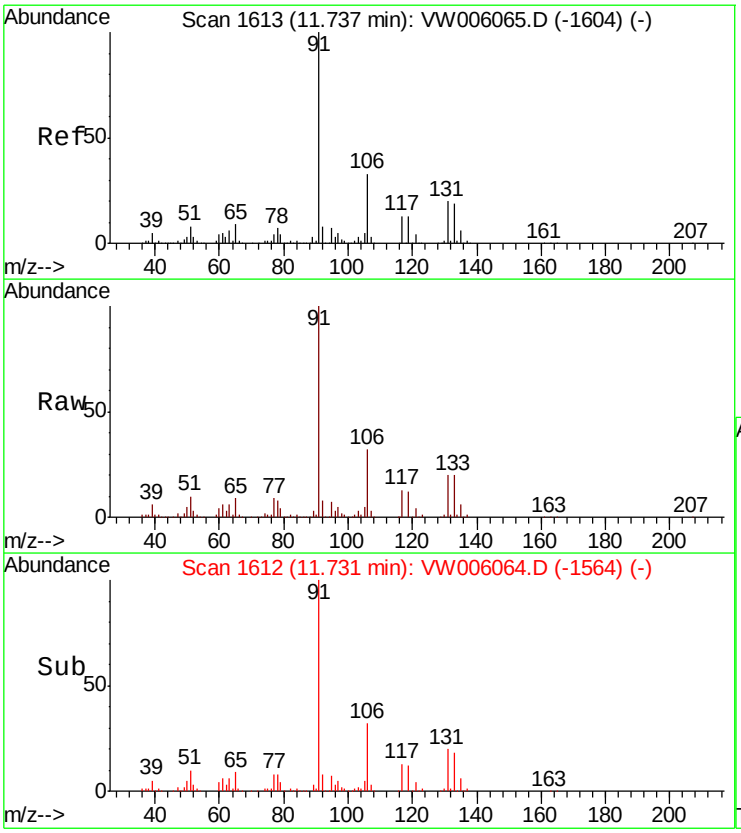

#65
Chlorobenzene
Concen: 21.084 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:112 Resp: 171117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.3 | 26.2 | 39.2 |

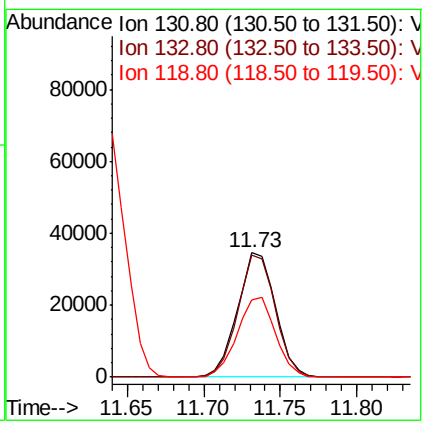


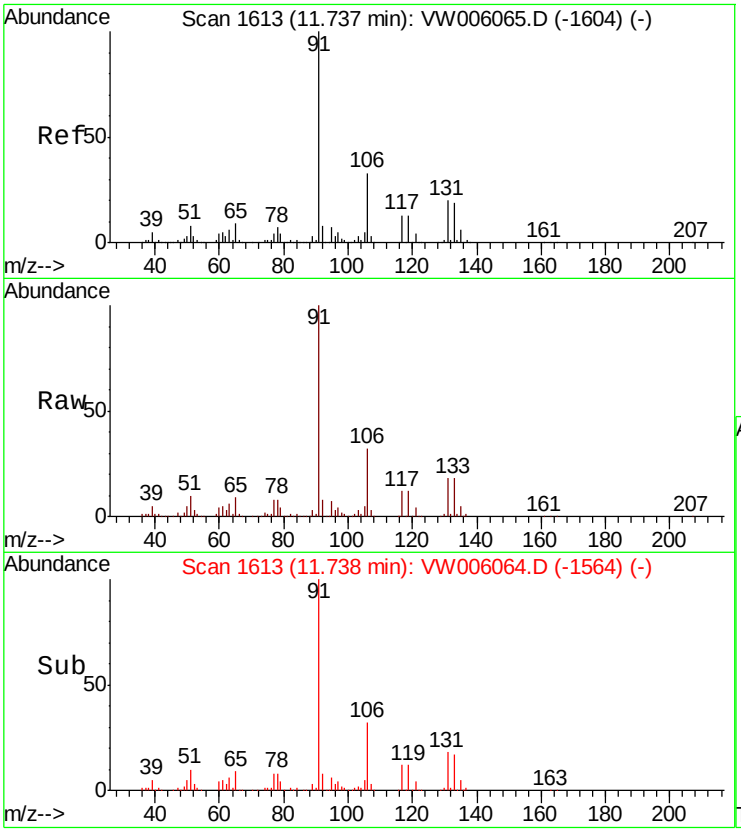




#66
1,1,1,2-Tetrachloroethane
Concen: 20.031 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:131 Resp: 59606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.8 | 48.1 | 144.3 |
| 119 | 64.1 | 31.6 | 94.7 |



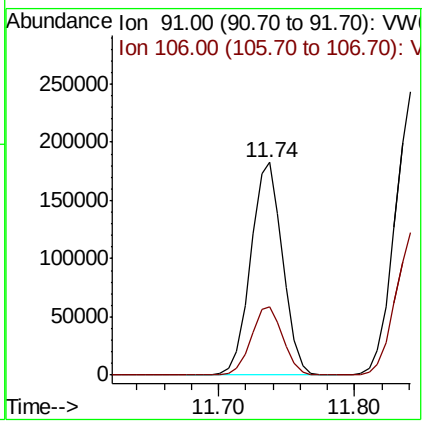


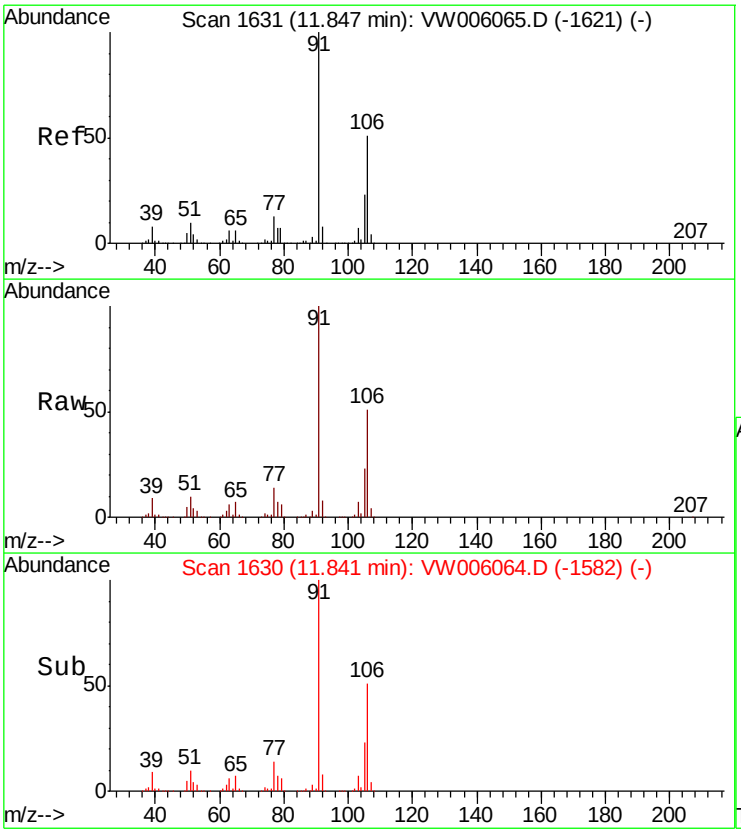

#67
Ethyl Benzene
Concen: 21.009 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 91 Resp: 300129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.1 | 26.1 | 39.1 |

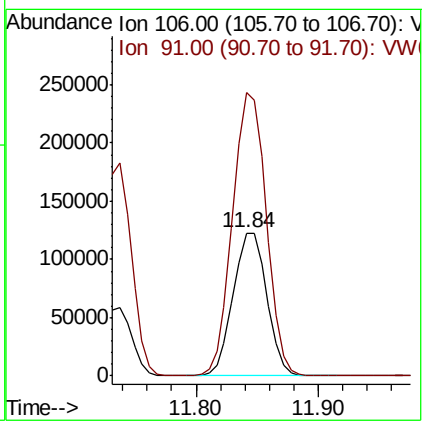


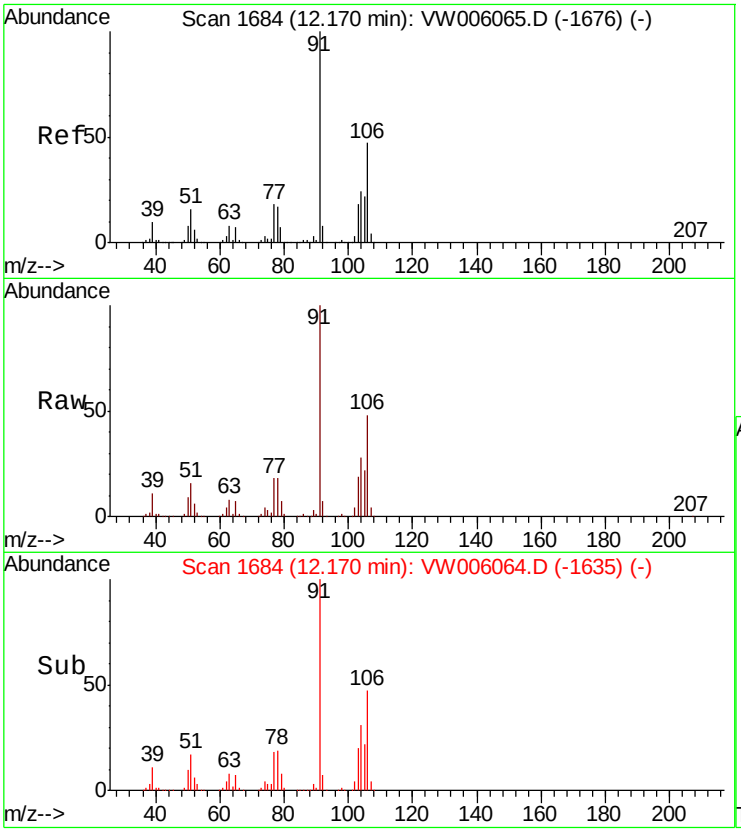




#68
m/p-Xylenes
Concen: 41.977 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:106 Resp: 235038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.2 | 159.1 | 238.7 |



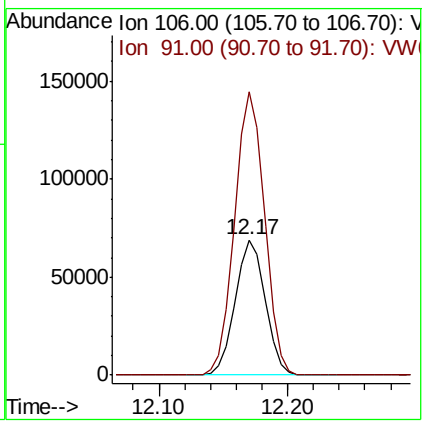


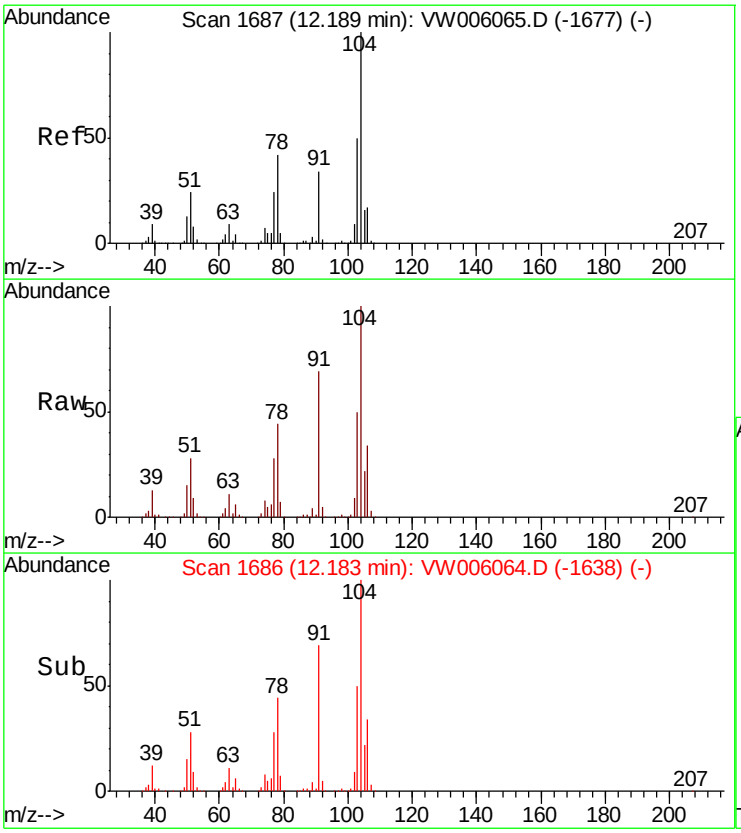

#69
o-Xylene
Concen: 20.766 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:106 Resp: 111414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.0 | 105.4 | 316.1 |

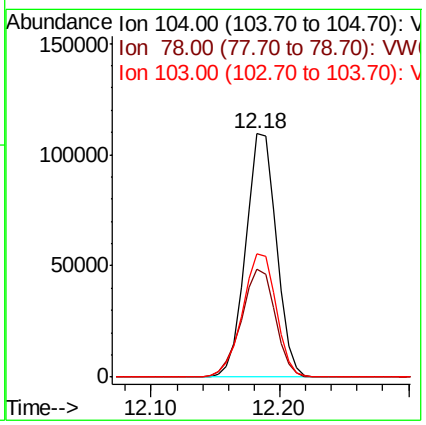


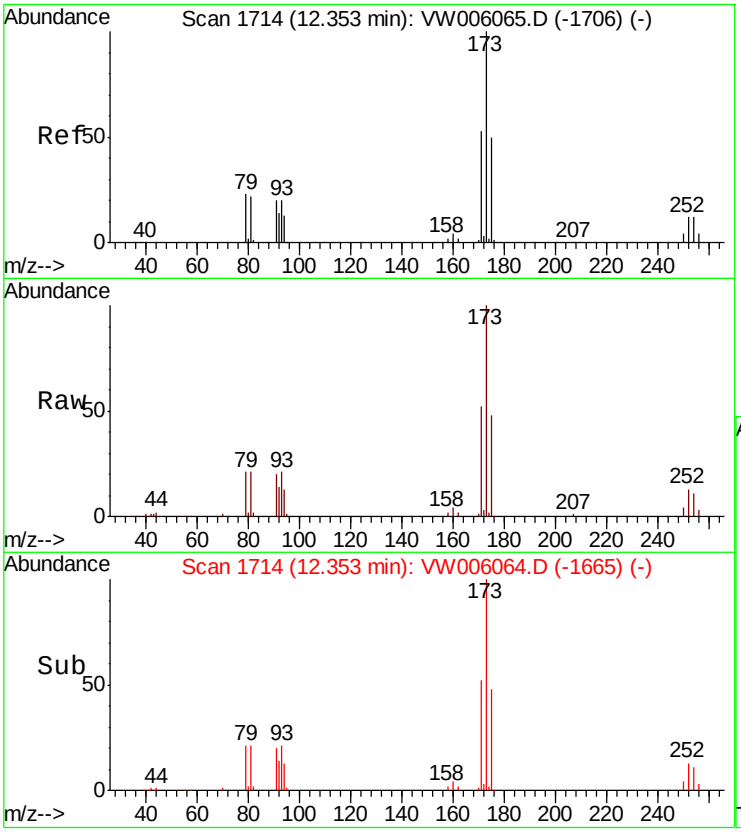




#70
Styrene
Concen: 20.170 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:104 Resp: 179198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.2 | 39.1 | 58.7 |
| 103 | 55.4 | 44.3 | 66.5 |



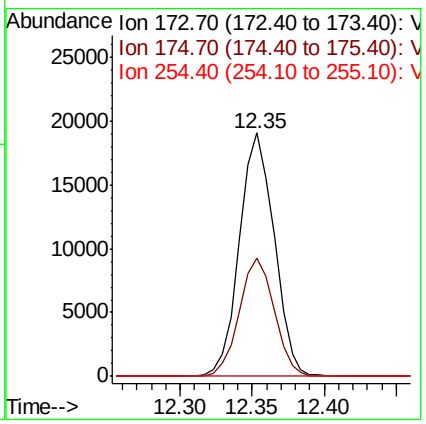


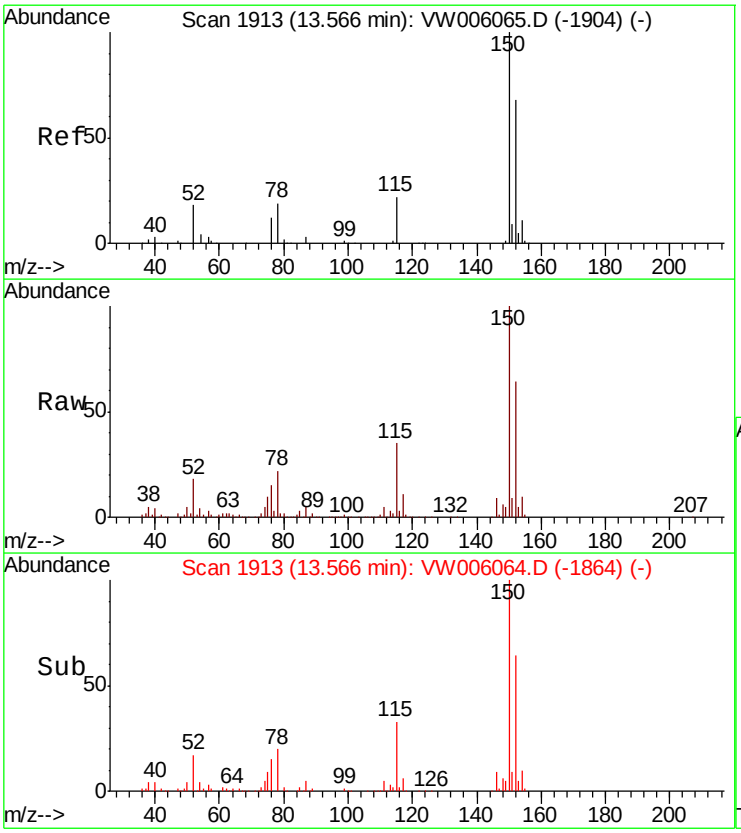

#71
Bromoform
Concen: 18.078 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:173 Resp: 31825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.7 | 24.2 | 72.6 |
| 254 | 0.0 | 0.1 | 0.1# |

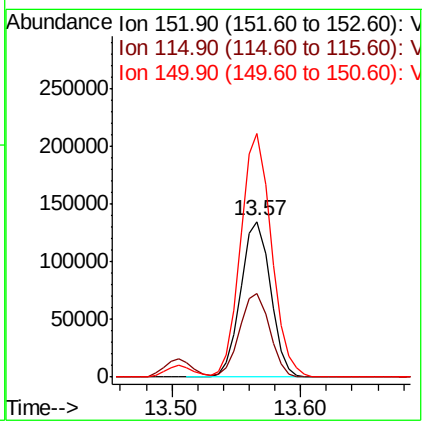


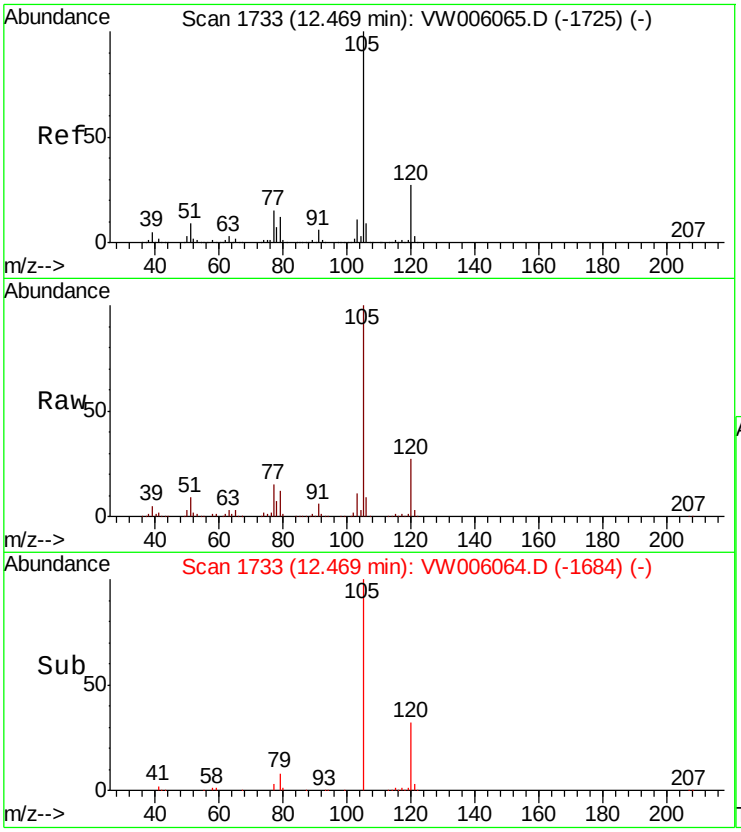




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:152 Resp: 214764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.4 | 27.8 | 83.3 |
| 150 | 162.1 | 0.0 | 349.2 |



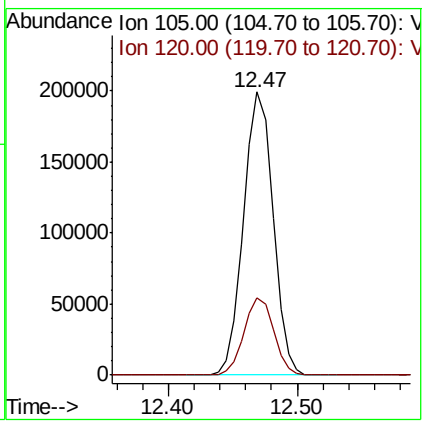


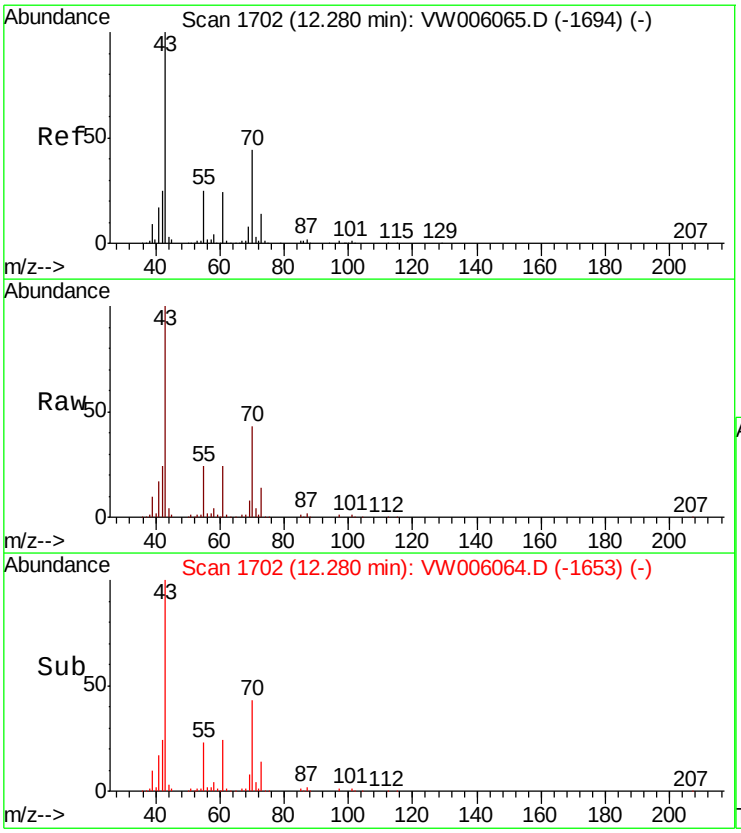

#73
Isopropylbenzene
Concen: 20.316 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:105 Resp: 314548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.4 | 13.6 | 40.7 |

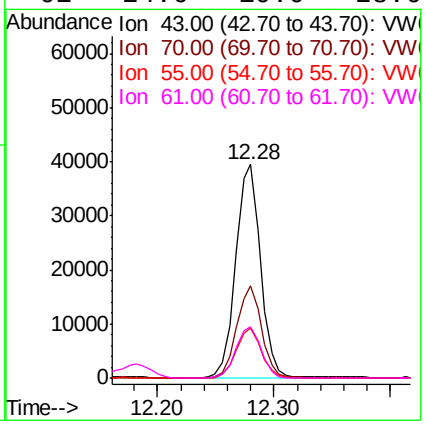


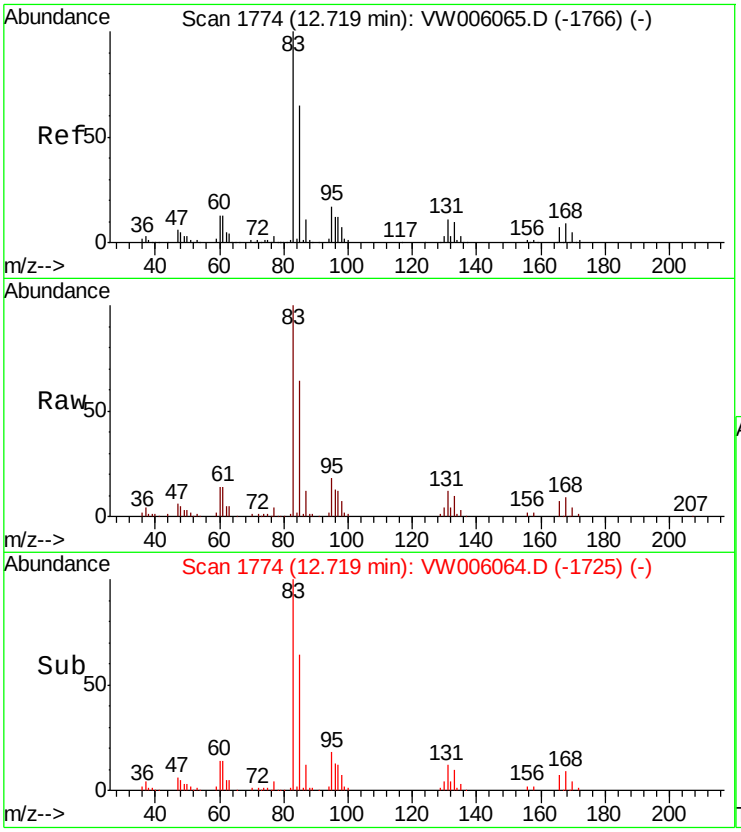




#74
N-amyl acetate
Concen: 16.313 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 43 Resp: 58502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.3 | 34.2 | 51.4 |
| 55 | 23.9 | 19.2 | 28.8 |
| 61 | 24.6 | 19.0 | 28.6 |



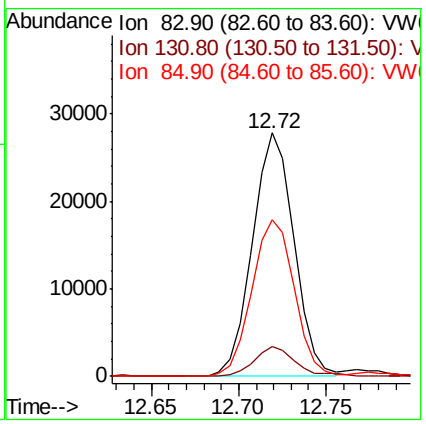


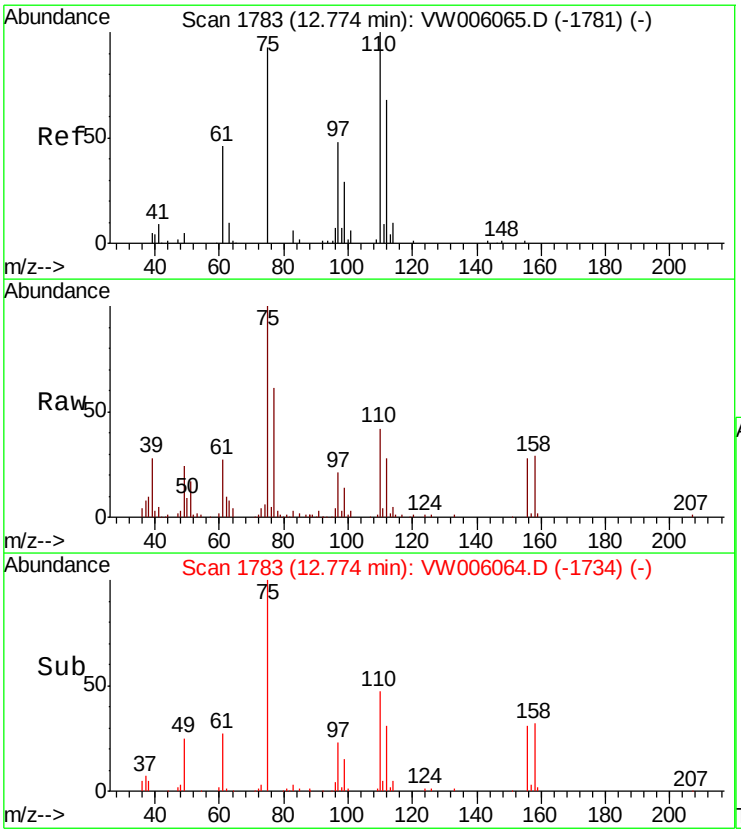

#75
1,1,2,2-Tetrachloroethane
Concen: 18.251 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 83 Resp: 46030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 12.0 | 5.9 | 17.7 |
| 85 | 65.5 | 31.9 | 95.9 |

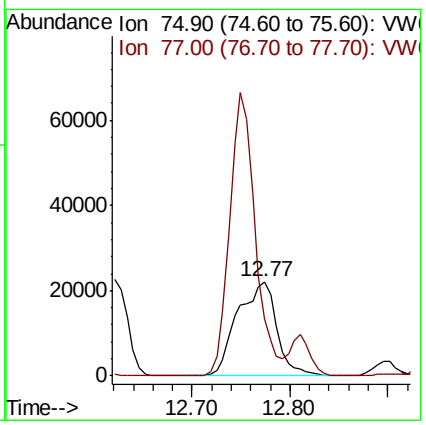


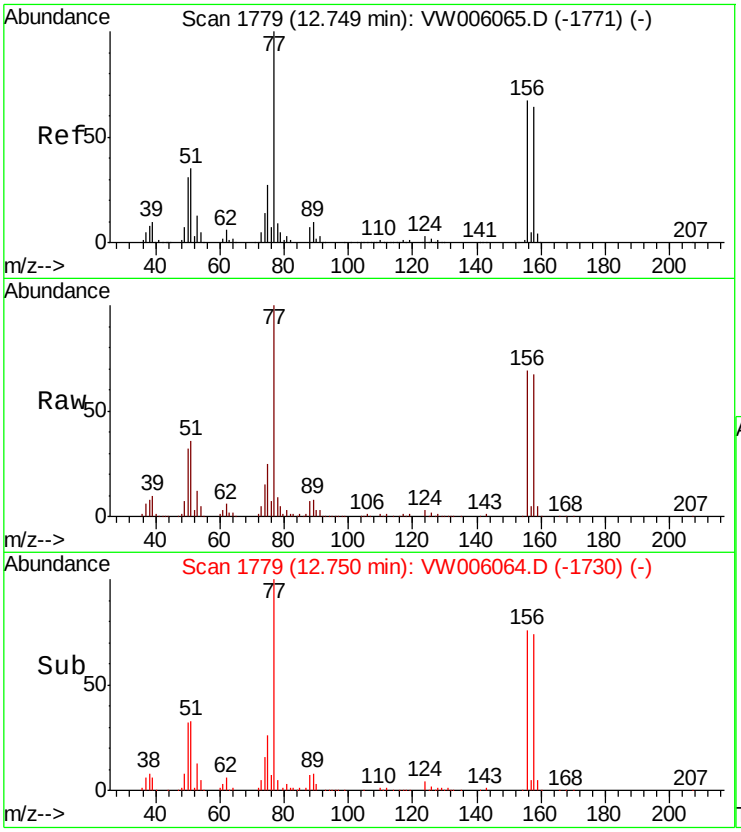




#76
1,2,3-Trichloropropane
Concen: 33.299 ug/l
RT: 12.77 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 75 Resp: 61626

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



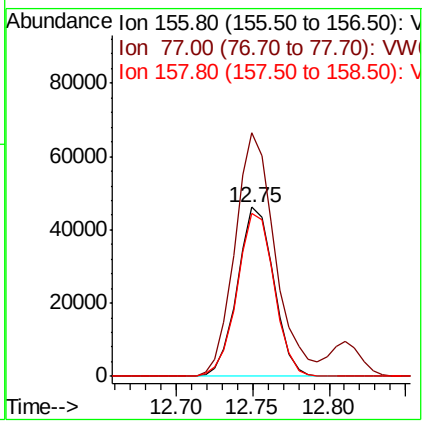


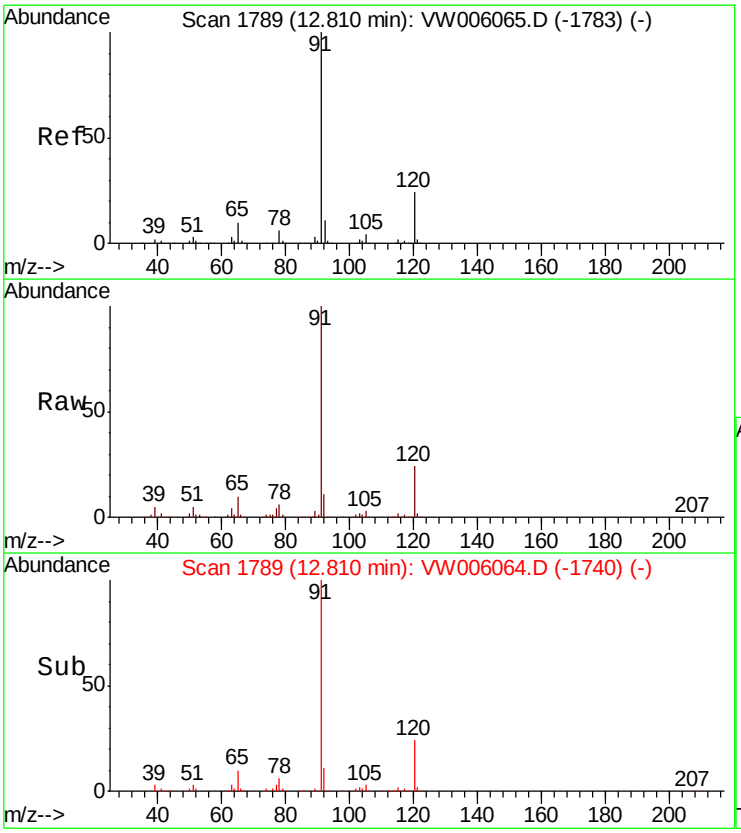

#77
Bromobenzene
Concen: 20.733 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:156 Resp: 76490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 158.3 | 79.1 | 237.4 |
| 158 | 97.3 | 48.5 | 145.6 |

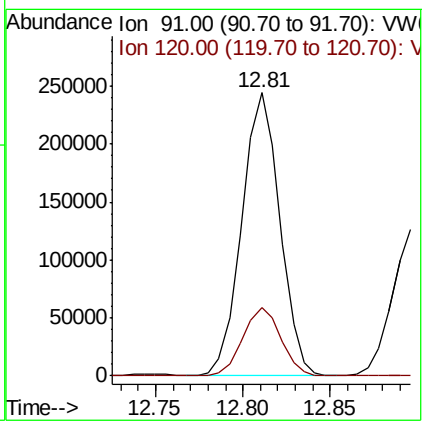


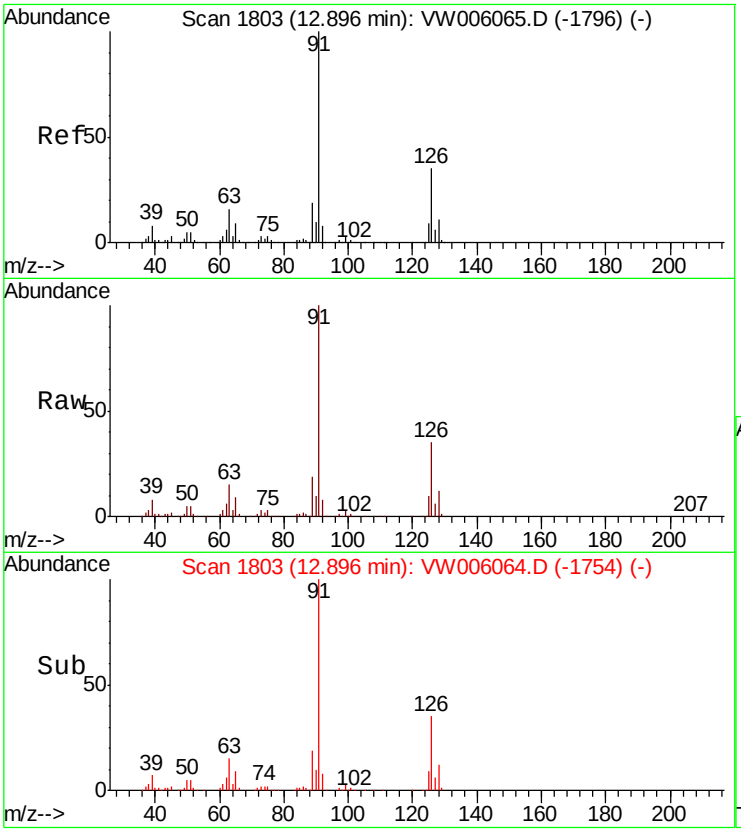




#78
n-propylbenzene
Concen: 20.275 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 91 Resp: 368950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.1 | 12.2 | 36.6 |



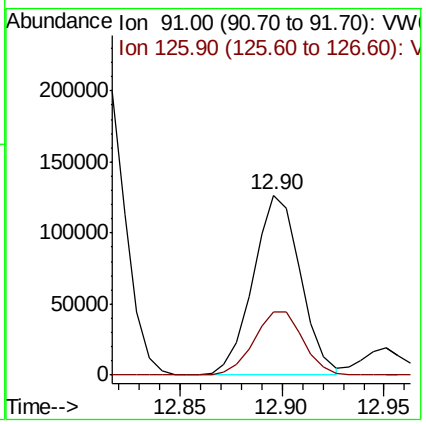


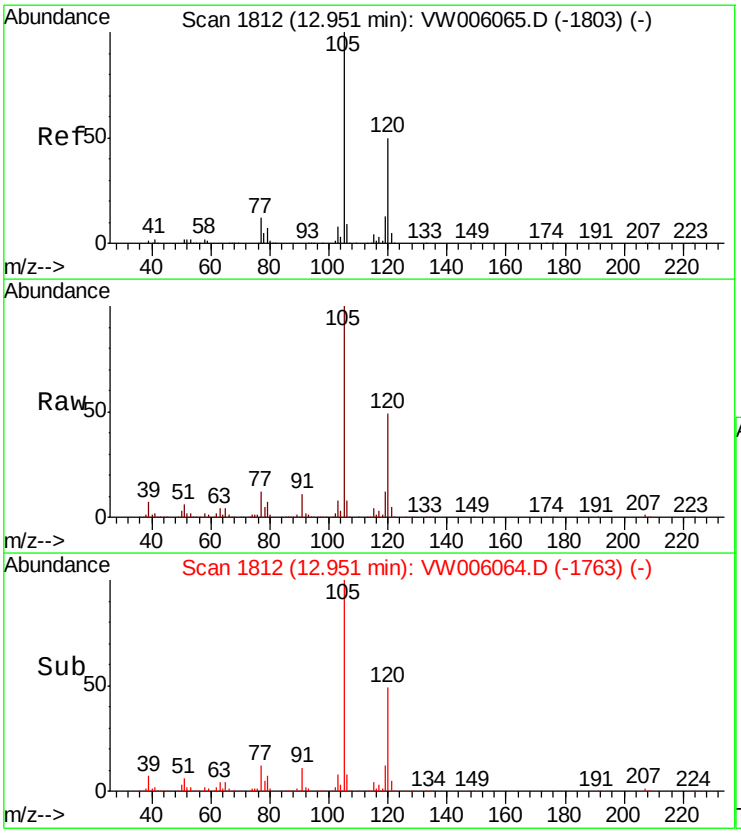

#79
2-Chlorotoluene
Concen: 19.921 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 91 Resp: 204896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.6 | 17.9 | 53.8 |

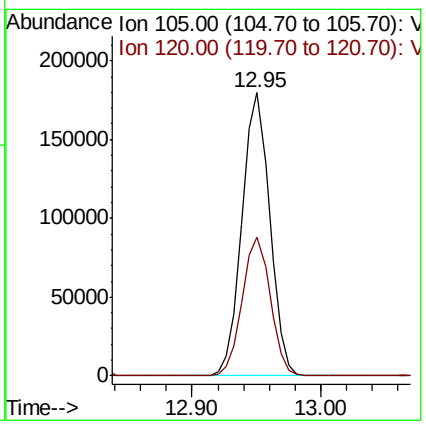


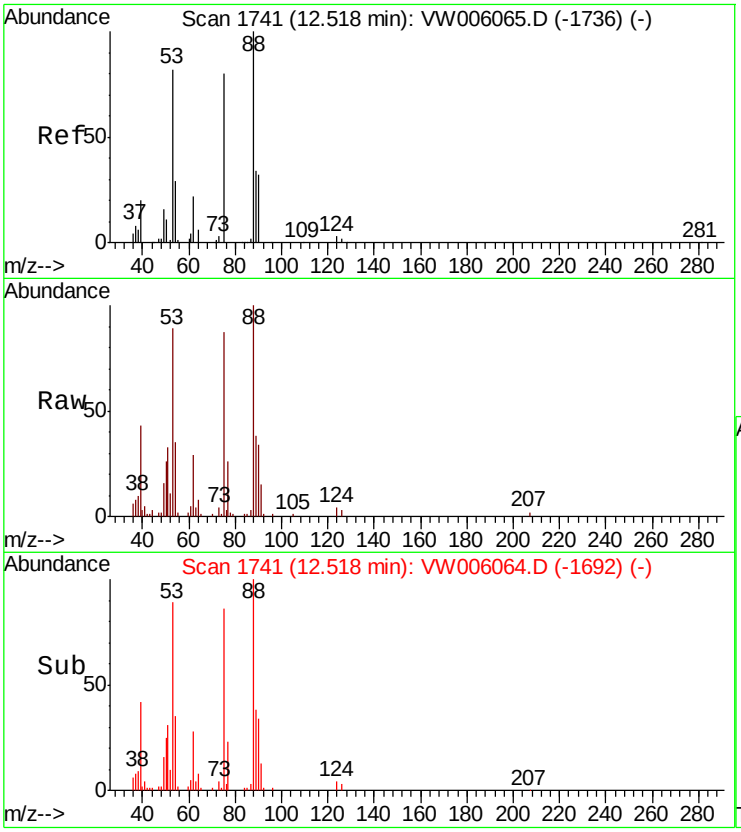




#80
1,3,5-Trimethylbenzene
Concen: 20.447 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:105 Resp: 267643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.5 | 24.9 | 74.6 |



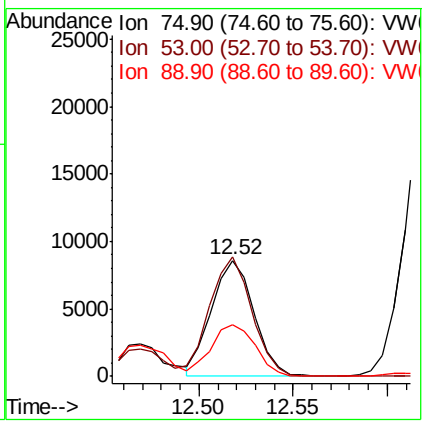


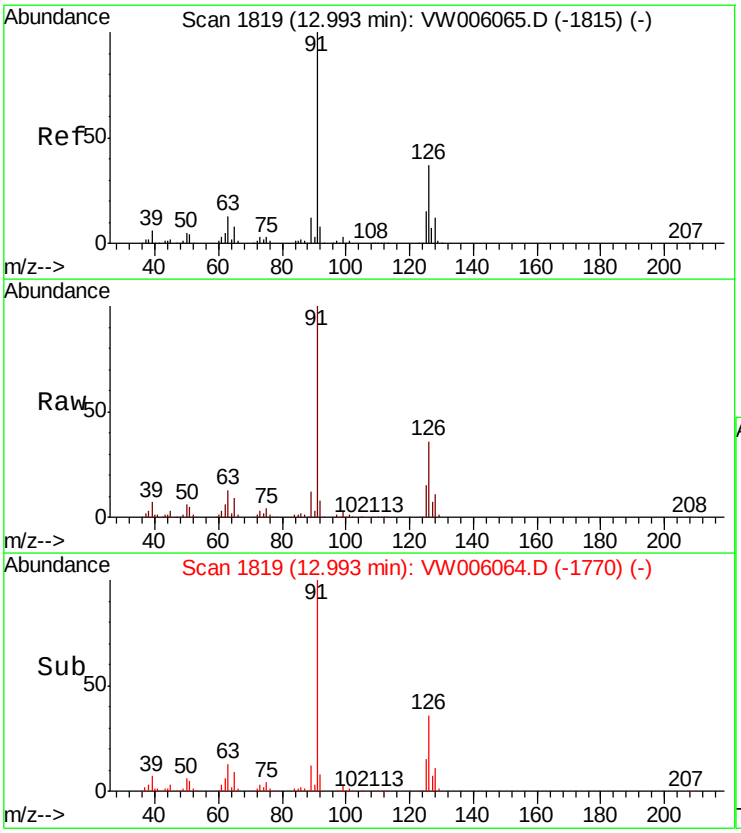

#81
trans-1,4-Dichloro-2-butene
Concen: 15.500 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion: 75 Resp: 13510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 102.7 | 79.8 | 119.6 |
| 89 | 46.2 | 37.5 | 56.3 |

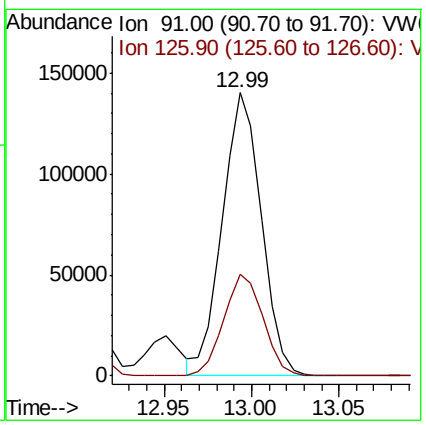


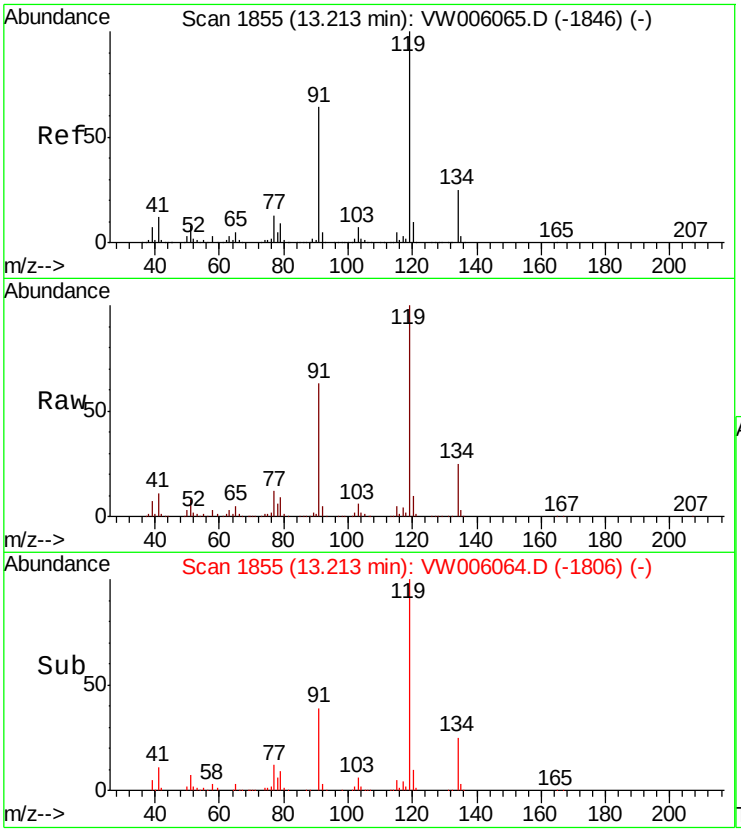




#82
4-Chlorotoluene
Concen: 20.182 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 91 Resp: 217514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.3 | 18.1 | 54.3 |



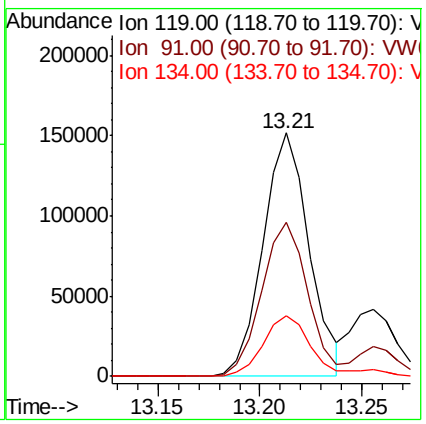


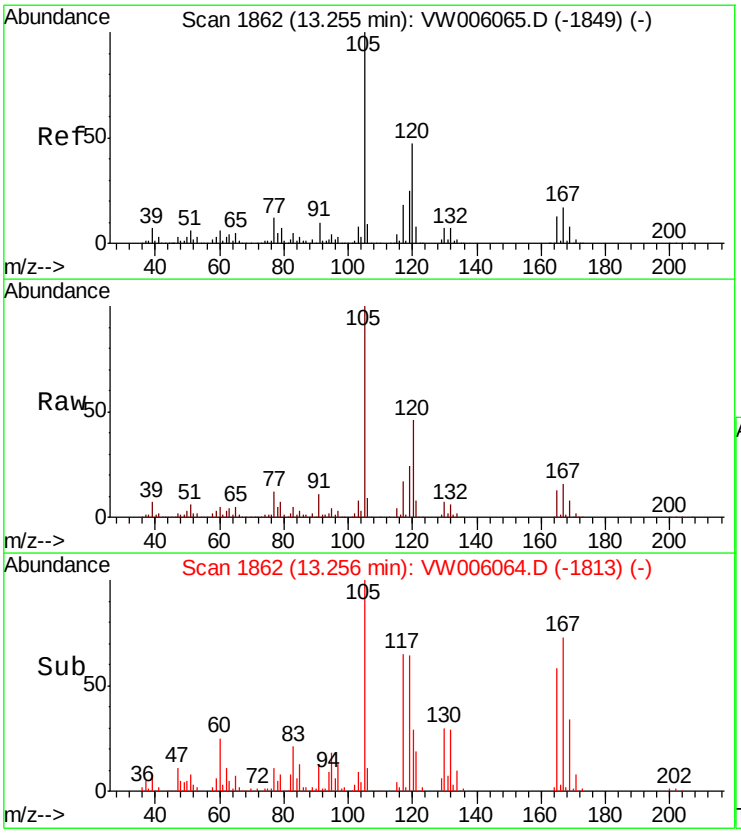

#83
tert-Butylbenzene
Concen: 20.571 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:119 Resp: 239205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 63.1 | 32.3 | 96.9 |
| 134 | 25.2 | 13.6 | 40.8 |

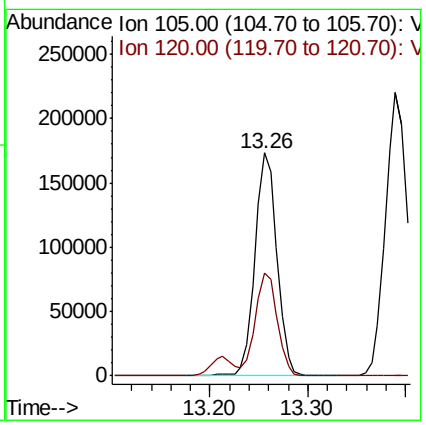


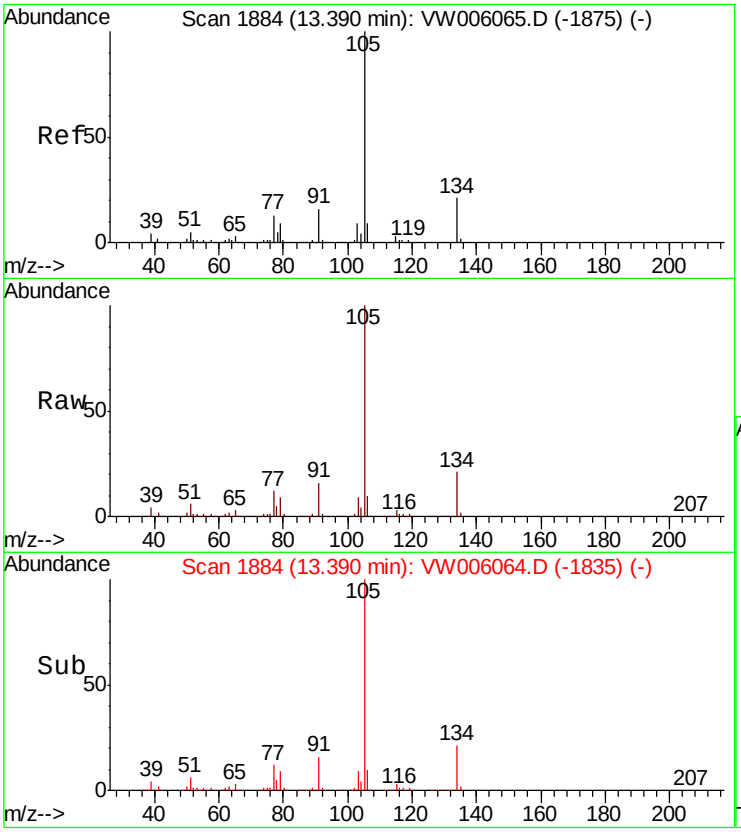




#84
1,2,4-Trimethylbenzene
Concen: 20.523 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:105 Resp: 270700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.7 | 23.1 | 69.3 |



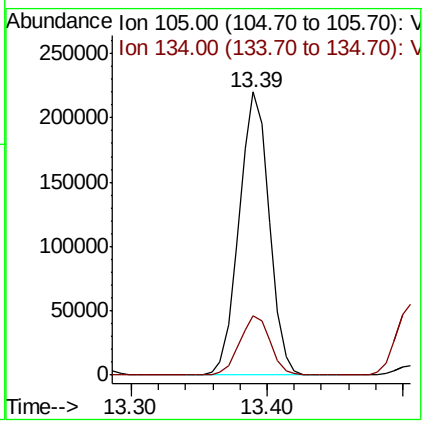


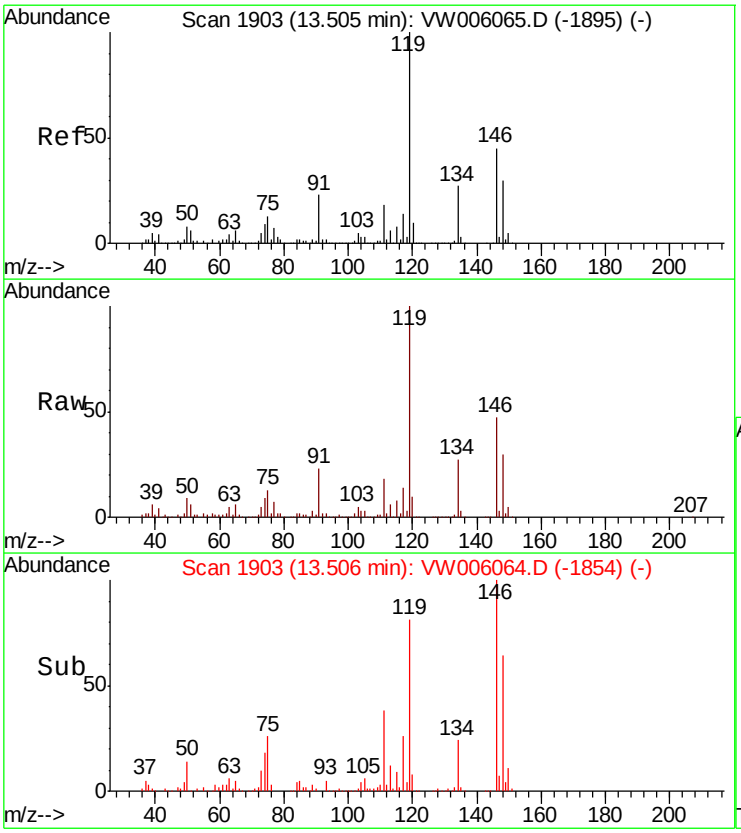

#85
sec-Butylbenzene
Concen: 20.824 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion:105 Resp: 340174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.1 | 10.5 | 31.6 |

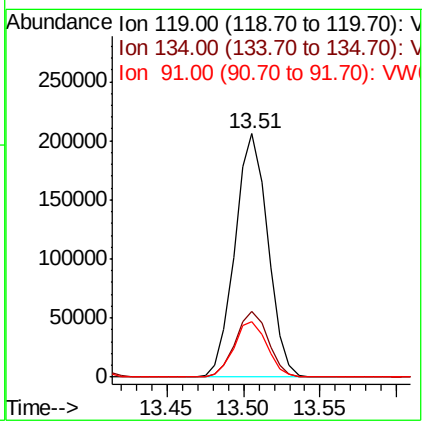


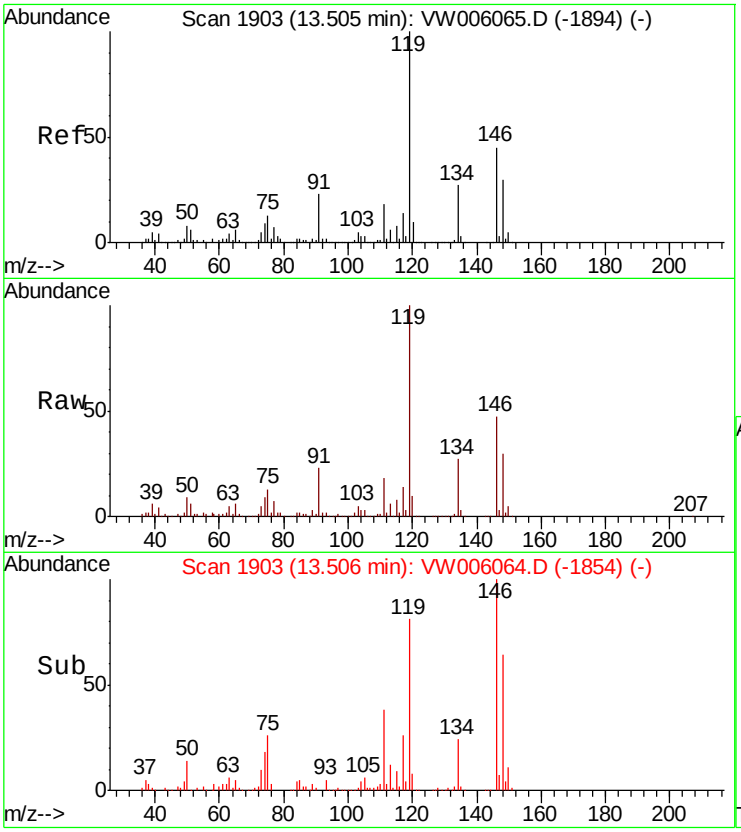




#86
p-Isopropyltoluene
Concen: 20.894 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:119 Resp: 307399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.0 | 13.4 | 40.2 |
| 91 | 23.3 | 11.4 | 34.1 |



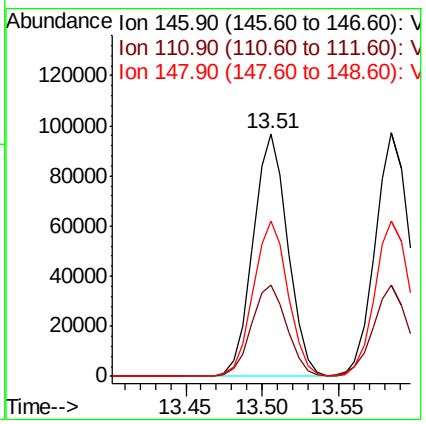


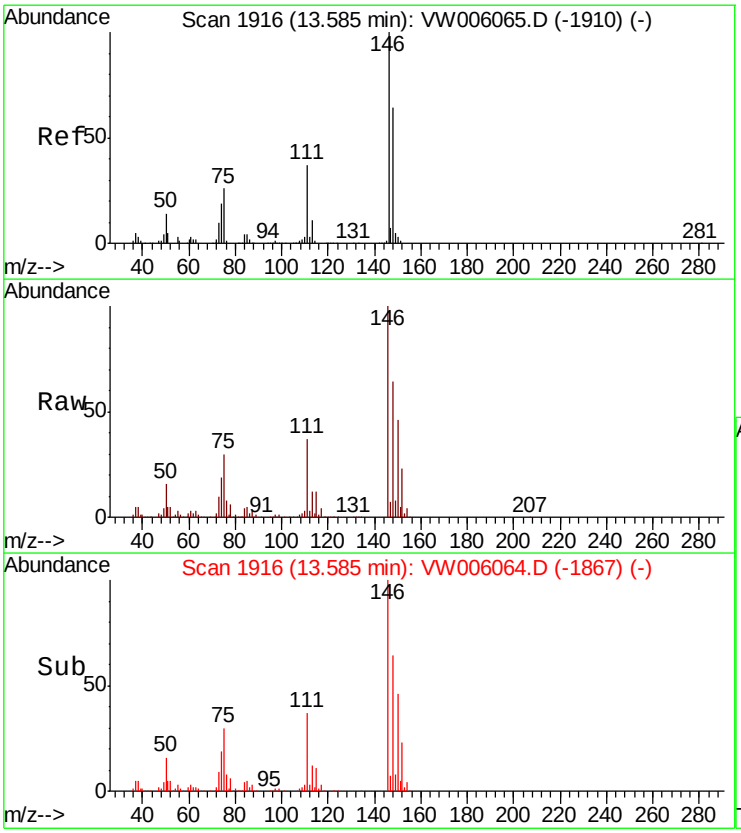

#87
1,3-Dichlorobenzene
Concen: 20.919 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:146 Resp: 153133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.4 | 19.1 | 57.5 |
| 148 | 64.0 | 32.0 | 96.2 |

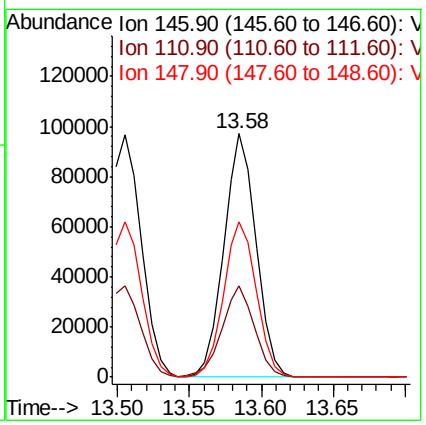


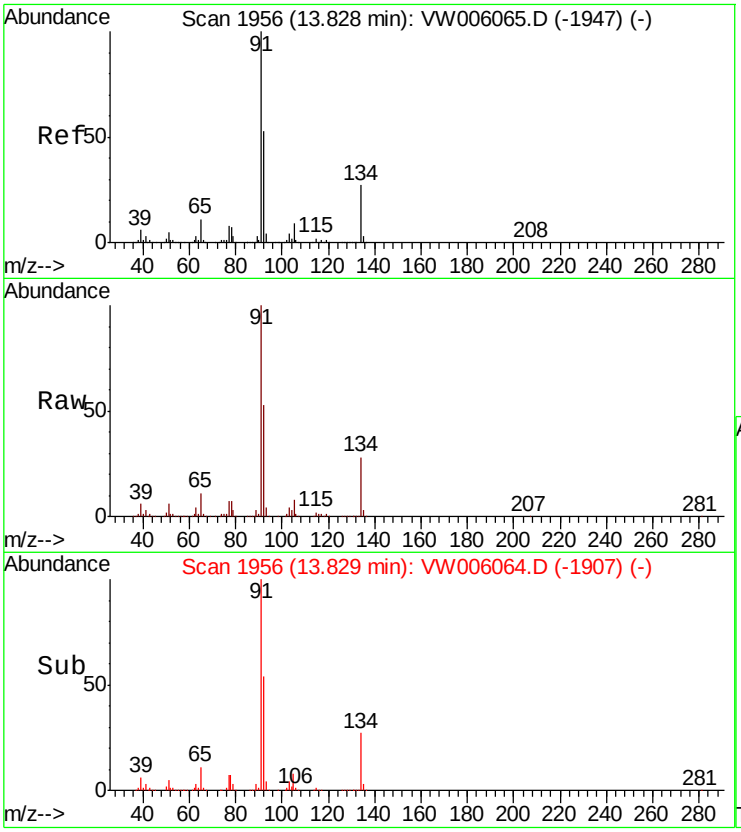




#88
1,4-Dichlorobenzene
Concen: 20.920 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:146 Resp: 152165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.8 | 18.6 | 56.0 |
| 148 | 64.4 | 32.1 | 96.5 |



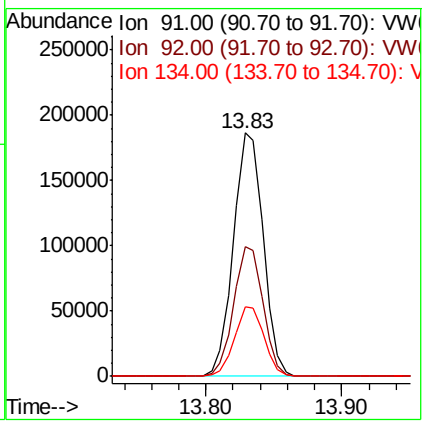


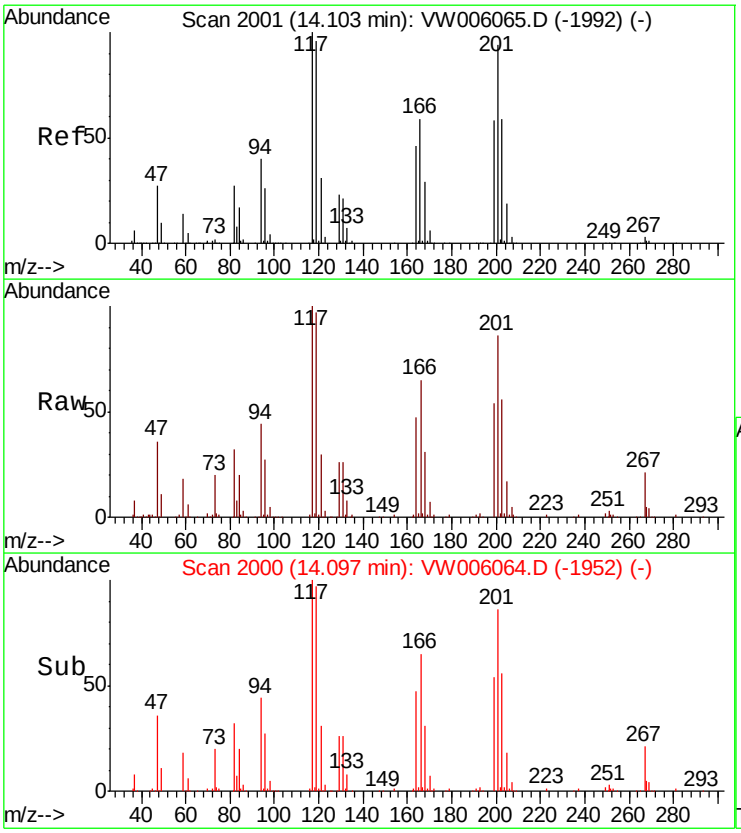

#89
n-Butylbenzene
Concen: 20.705 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :** MSVOA_W
**ClientSampleId :** VSTDICC020

Tgt Ion: 91 Resp: 285304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.3 | 26.6 | 79.7 |
| 134 | 28.2 | 14.0 | 41.9 |

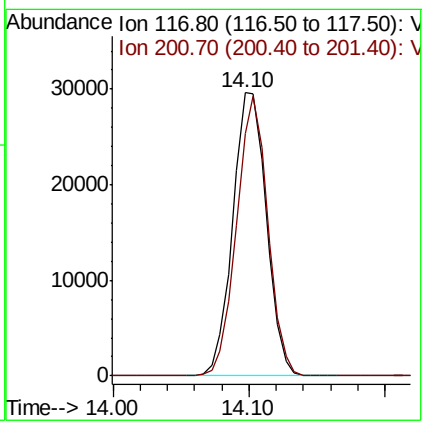


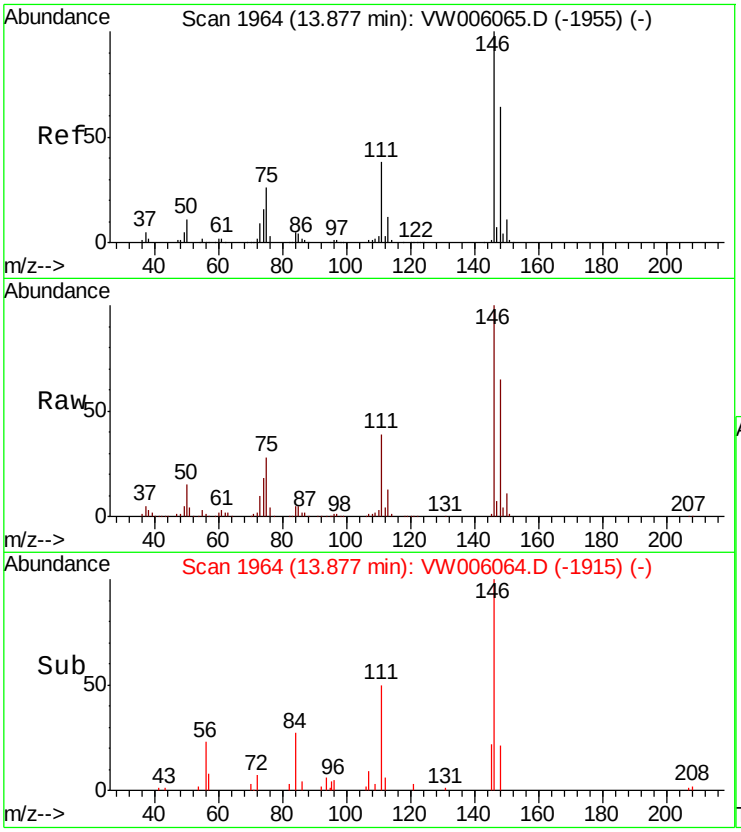




#90
Hexachloroethane
Concen: 18.669 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:117 Resp: 51096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 91.5 | 45.3 | 135.9 |



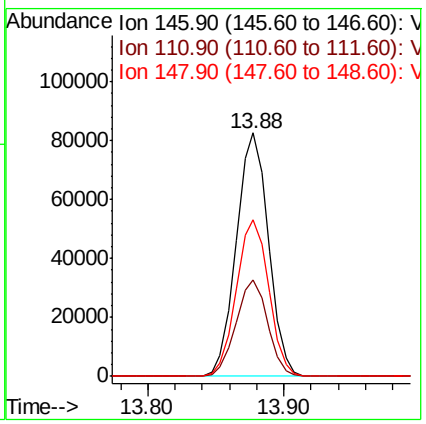


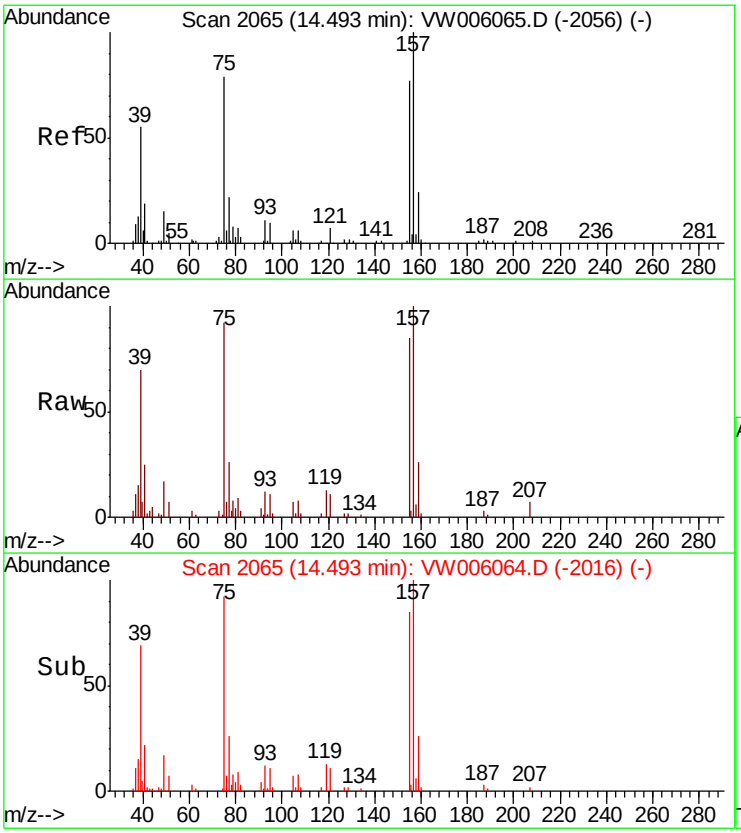

#91
1,2-Dichlorobenzene
Concen: 20.945 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:146 Resp: 136374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 19.6 | 58.7 |
| 148 | 64.6 | 32.2 | 96.6 |

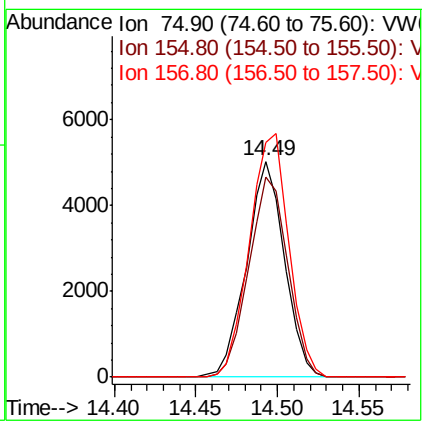


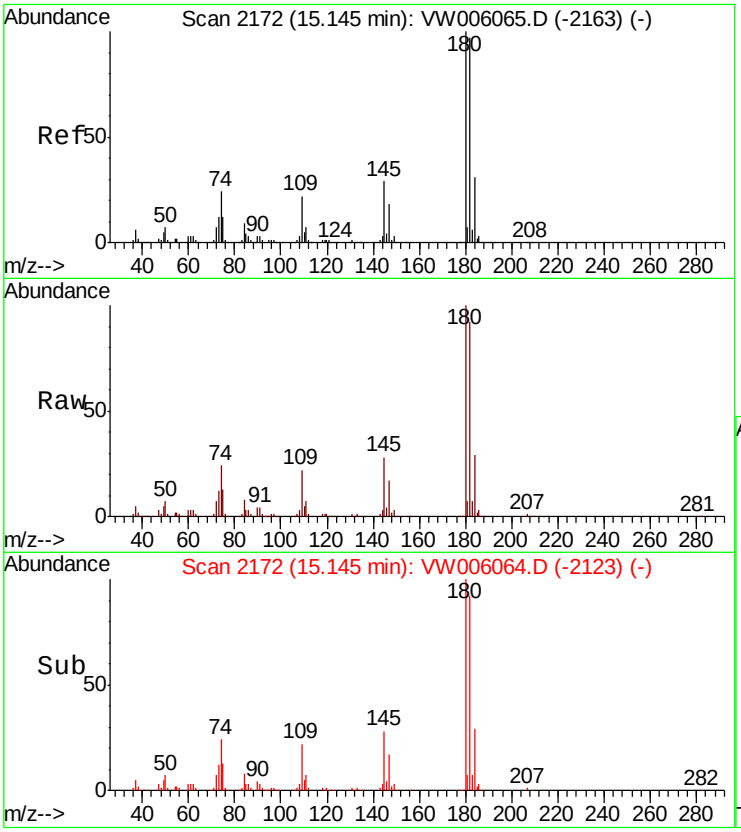




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.396 ug/l
RT: 14.49 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion: 75 Resp: 8116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 94.9 | 46.5 | 139.5 |
| 157 | 117.0 | 59.8 | 179.4 |



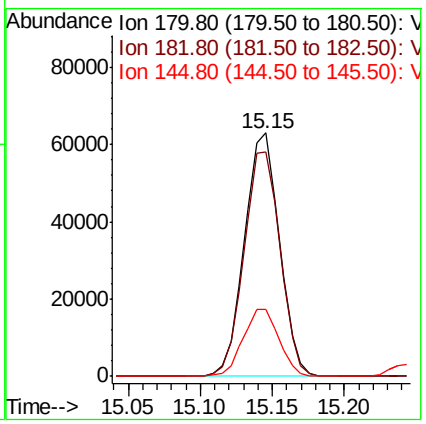


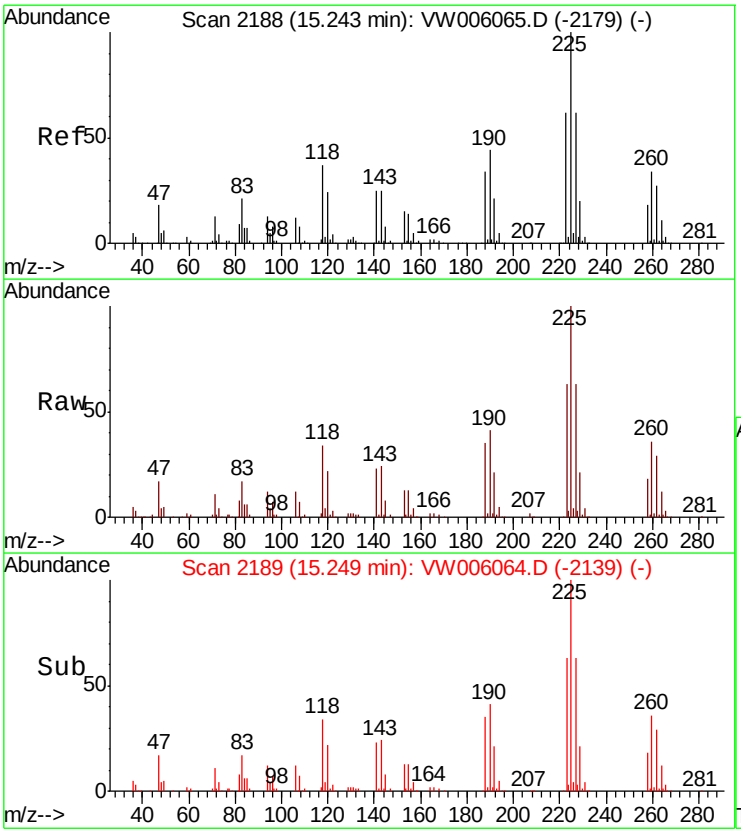

#93
1,2,4-Trichlorobenzene
Concen: 21.085 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:180 Resp: 105700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 47.9 | 143.6 |
| 145 | 28.2 | 14.2 | 42.8 |

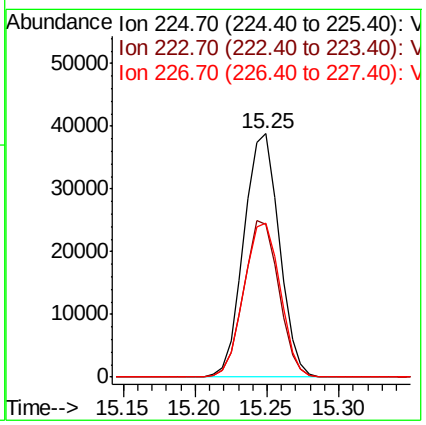


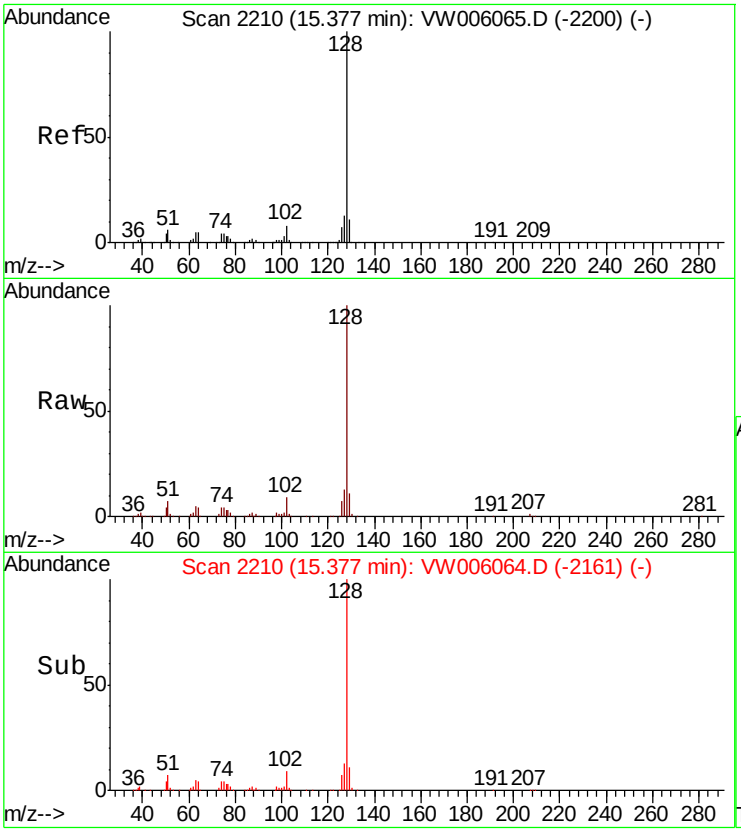




#94
Hexachlorobutadiene
Concen: 21.100 ug/l
RT: 15.25 min Scan# 2189
Delta R.T. 0.01 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:225 Resp: 66060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 31.1 | 93.5 |
| 227 | 64.8 | 32.4 | 97.0 |



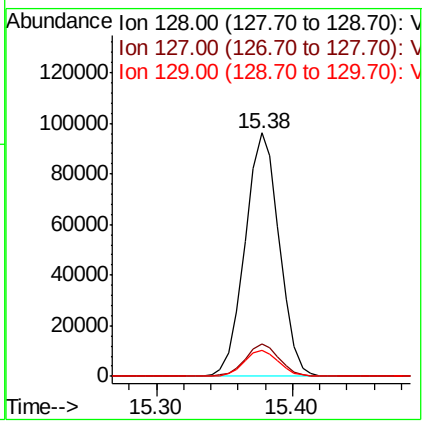


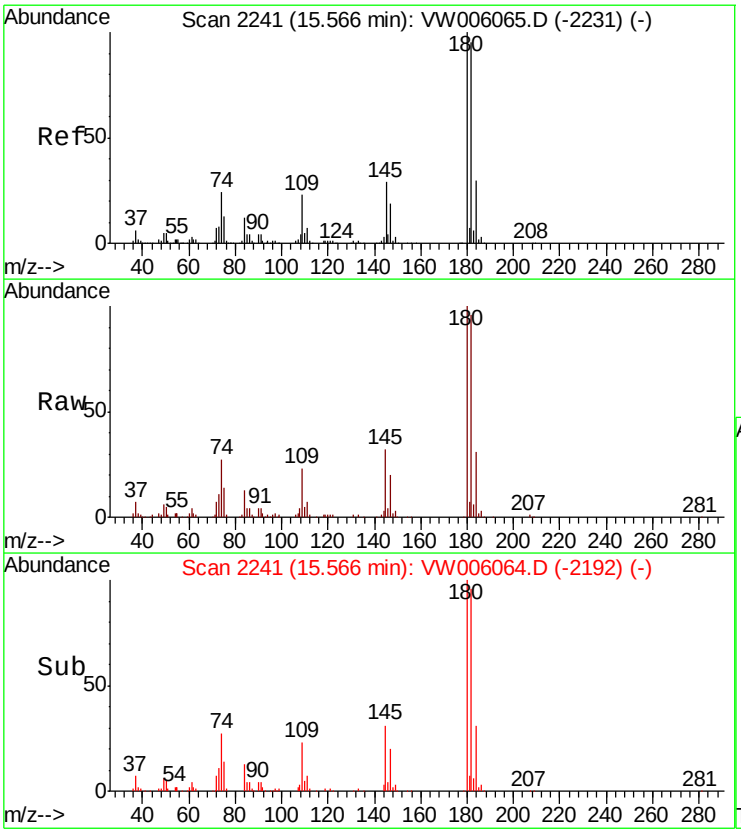

#95
Naphthalene
Concen: 19.678 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTDICC020

Tgt Ion:128 Resp: 169516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.3 | 15.5 |
| 129 | 10.9 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 20.775 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006064.D
Acq: 15 Oct 2018 17:54

Tgt Ion:180 Resp: 90212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.8 | 47.8 | 143.3 |
| 145 | 30.4 | 15.0 | 45.1 |