Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\

Quantitation Report (Not Reviewed)

Data File : VD060651.D
Acq On : 19 Dec 2018 21:52
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Quant Time: Dec 20 01:45:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 01:37:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 6.38 | 168 | 324837 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 7.43 | 114 | 450282 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.27 | 117 | 397646 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.37 | 152 | 311925 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.76 | 65 | 110529 | 46.24 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.48% | | | | |
| 35) Dibromofluoromethane | 6.29 | 113 | 160981 | 48.57 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.14% | | | | |
| 50) Toluene-d8 | 9.44 | 98 | 485411 | 49.43 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.86% | | | | |
| 62) 4-Bromofluorobenzene | 12.42 | 95 | 215926 | 51.02 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.04% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.56 | 85 | 176934 | 39.968 | ug/l | | 98 |
| 3) Chloromethane | 1.74 | 50 | 286781 | 49.686 | ug/l | | 96 |
| 4) Vinyl Chloride | 1.83 | 62 | 216841 | 50.406 | ug/l | | 96 |
| 5) Bromomethane | 2.14 | 94 | 122590 | 52.735 | ug/l | | 100 |
| 6) Chloroethane | 2.24 | 64 | 93055 | 51.305 | ug/l | | 97 |
| 7) Trichlorofluoromethane | 2.49 | 101 | 229129 | 49.760 | ug/l | | 98 |
| 8) Diethyl Ether | 2.79 | 74 | 44975 | 51.093 | ug/l | | 89 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.07 | 101 | 157861 | 48.827 | ug/l | | 94 |
| 10) Methyl Iodide | 3.23 | 142 | 151645 | 45.209 | ug/l | | 95 |
| 11) Tert butyl alcohol | 3.89 | 59 | 25142 | 257.450 | ug/l | # | 76 |
| 12) 1,1-Dichloroethene | 3.05 | 96 | 138518 | 50.378 | ug/l | | 97 |
| 13) Acrolein | 2.95 | 56 | 30190 | 220.676 | ug/l | | 100 |
| 14) Allyl chloride | 3.51 | 41 | 231731 | 50.374 | ug/l | | 97 |
| 15) Acrylonitrile | 4.04 | 53 | 135533 | 246.746 | ug/l | | 97 |
| 16) Acetone | 3.13 | 43 | 128996 | 235.123 | ug/l | | 94 |
| 17) Carbon Disulfide | 3.29 | 76 | 446508 | 50.263 | ug/l | | 100 |
| 18) Methyl Acetate | 3.51 | 43 | 73600 | 46.740 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 4.07 | 73 | 193352 | 48.823 | ug/l | | 99 |
| 20) Methylene Chloride | 3.70 | 84 | 184370 | 48.496 | ug/l | | 96 |
| 21) trans-1,2-Dichloroethene | 4.07 | 96 | 182599 | 50.483 | ug/l | | 91 |
| 22) Diisopropyl ether | 4.81 | 45 | 577969 | 52.020 | ug/l | | 97 |
| 23) Vinyl Acetate | 4.77 | 43 | 1298867 | 268.316 | ug/l | | 100 |
| 24) 1,1-Dichloroethane | 4.73 | 63 | 287435 | 48.149 | ug/l | | 99 |
| 25) 2-Butanone | 5.58 | 43 | 188725 | 244.914 | ug/l | | 91 |
| 26) 2,2-Dichloropropane | 5.56 | 77 | 156054 | 45.464 | ug/l | | 100 |
| 27) cis-1,2-Dichloroethene | 5.57 | 96 | 185077 | 51.477 | ug/l | | 92 |
| 28) Bromochloromethane | 5.90 | 49 | 128308 | 52.041 | ug/l | # | 99 |
| 29) Tetrahydrofuran | 5.92 | 42 | 102947 | 257.503 | ug/l | | 99 |
| 30) Chloroform | 6.08 | 83 | 293161 | 48.456 | ug/l | | 98 |
| 31) Cyclohexane | 6.34 | 56 | 285131 | 49.566 | ug/l | | 99 |
| 32) 1,1,1-Trichloroethane | 6.27 | 97 | 239937 | 51.714 | ug/l | | 95 |
| 36) 1,1-Dichloropropene | 6.50 | 75 | 235352 | 48.652 | ug/l | | 98 |
| 37) Ethyl Acetate | 5.65 | 43 | 87449 | 50.598 | ug/l | # | 95 |
| 38) Carbon Tetrachloride | 6.47 | 117 | 187665 | 52.306 | ug/l | | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\

Quantitation Report (Not Reviewed)

Data File : VD060651.D
Acq On : 19 Dec 2018 21:52
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Quant Time: Dec 20 01:45:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 01:37:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 8.02 | 83 | 262984 | 51.874 ug/l | 96 |
| 40) Benzene | 6.78 | 78 | 596943 | 48.483 ug/l | 98 |
| 41) Methacrylonitrile | 5.89 | 41 | 112227 | 97.247 ug/l | 94 |
| 42) 1,2-Dichloroethane | 6.87 | 62 | 149048 | 49.118 ug/l | 99 |
| 43) Isopropyl Acetate | 8.33 | 43 | 114718 | 53.331 ug/l | 97 |
| 44) Trichloroethene | 7.72 | 130 | 174151 | 49.263 ug/l | 100 |
| 45) 1,2-Dichloropropane | 8.09 | 63 | 145996 | 49.194 ug/l | 95 |
| 46) Dibromomethane | 8.19 | 93 | 78662 | 48.560 ug/l | 94 |
| 47) Bromodichloromethane | 8.47 | 83 | 191980 | 49.379 ug/l | 97 |
| 48) Methyl methacrylate | 8.22 | 41 | 70361 | 50.459 ug/l | 97 |
| 49) 1,4-Dioxane | 8.21 | 88 | 16339 | 1074.271 ug/l | 89 |
| 51) 4-Methyl-2-Pentanone | 9.33 | 43 | 369681 | 254.830 ug/l | 98 |
| 52) Toluene | 9.53 | 92 | 378599 | 50.436 ug/l | 99 |
| 53) t-1,3-Dichloropropene | 9.91 | 75 | 147274 | 47.172 ug/l | 100 |
| 54) cis-1,3-Dichloropropene | 9.09 | 75 | 201963 | 51.501 ug/l | 95 |
| 55) 1,1,2-Trichloroethane | 10.17 | 97 | 100731 | 49.979 ug/l | 93 |
| 56) Ethyl methacrylate | 10.01 | 69 | 86204 | 47.854 ug/l | 93 |
| 57) 1,3-Dichloropropane | 10.37 | 76 | 161124 | 48.707 ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.90 | 63 | 129742 | 222.169 ug/l | 98 |
| 59) 2-Hexanone | 10.48 | 43 | 262576 | 259.141 ug/l | 99 |
| 60) Dibromochloromethane | 10.62 | 129 | 125369 | 48.298 ug/l | 99 |
| 61) 1,2-Dibromoethane | 10.75 | 107 | 96251 | 48.777 ug/l | 96 |
| 64) Tetrachloroethene | 10.24 | 164 | 167011 | 49.463 ug/l | 97 |
| 65) Chlorobenzene | 11.30 | 112 | 432823 | 49.944 ug/l | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 11.41 | 131 | 139214 | 48.969 ug/l | 96 |
| 67) Ethyl Benzene | 11.42 | 91 | 761527 | 50.800 ug/l | 100 |
| 68) m/p-Xylenes | 11.56 | 106 | 589640 | 104.310 ug/l | 97 |
| 69) o-Xylene | 11.92 | 106 | 286227 | 54.076 ug/l | 96 |
| 70) Styrene | 11.95 | 104 | 455260 | 52.032 ug/l | 98 |
| 71) Bromoform | 12.11 | 173 | 91755 | 51.584 ug/l | 99 |
| 73) Isopropylbenzene | 12.27 | 105 | 812906 | 53.483 ug/l | 98 |
| 74) N-amyl acetate | 12.13 | 43 | 179972 | 51.056 ug/l | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.55 | 83 | 141845 | 49.679 ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 12.59 | 75 | 131516 | 51.808 ug/l | 95 |
| 77) Bromobenzene | 12.53 | 156 | 220024 | 50.750 ug/l | 98 |
| 78) n-propylbenzene | 12.63 | 91 | 1127468 | 52.394 ug/l | 100 |
| 79) 2-Chlorotoluene | 12.70 | 91 | 603209 | 50.658 ug/l | 97 |
| 80) 1,3,5-Trimethylbenzene | 12.79 | 105 | 750788 | 53.984 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.34 | 75 | 28493 | 47.136 ug/l | 96 |
| 82) 4-Chlorotoluene | 12.81 | 91 | 738081 | 52.183 ug/l | 89 |
| 83) tert-Butylbenzene | 13.05 | 119 | 836368 | 52.202 ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.08 | 105 | 816768 | 52.683 ug/l | 98 |
| 85) sec-Butylbenzene | 13.22 | 105 | 1073257 | 52.495 ug/l | 97 |
| 86) p-Isopropyltoluene | 13.34 | 119 | 956970 | 53.957 ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 13.31 | 146 | 525720 | 52.024 ug/l | 98 |
| 88) 1,4-Dichlorobenzene | 13.39 | 146 | 517358 | 49.891 ug/l | 99 |
| 89) n-Butylbenzene | 13.65 | 91 | 1074526 | 52.372 ug/l | 99 |
| 90) Hexachloroethane | 13.85 | 117 | 216981 | 51.386 ug/l | 94 |
| 91) 1,2-Dichlorobenzene | 13.66 | 146 | 454882 | 49.288 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75 | 25217 | 52.195 ug/l | 95 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\

Quantitation Report (Not Reviewed)

Data File : VD060651.D
Acq On : 19 Dec 2018 21:52
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Quant Time: Dec 20 01:45:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 01:37:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180 | 472819 | 52.096 | ug/l | 100 |
| 94) Hexachlorobutadiene | 14.88 | 225 | 341101 | 50.668 | ug/l | 97 |
| 95) Naphthalene | 14.96 | 128 | 543234 | 52.625 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.11 | 180 | 378902 | 50.603 | ug/l | 99 |

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

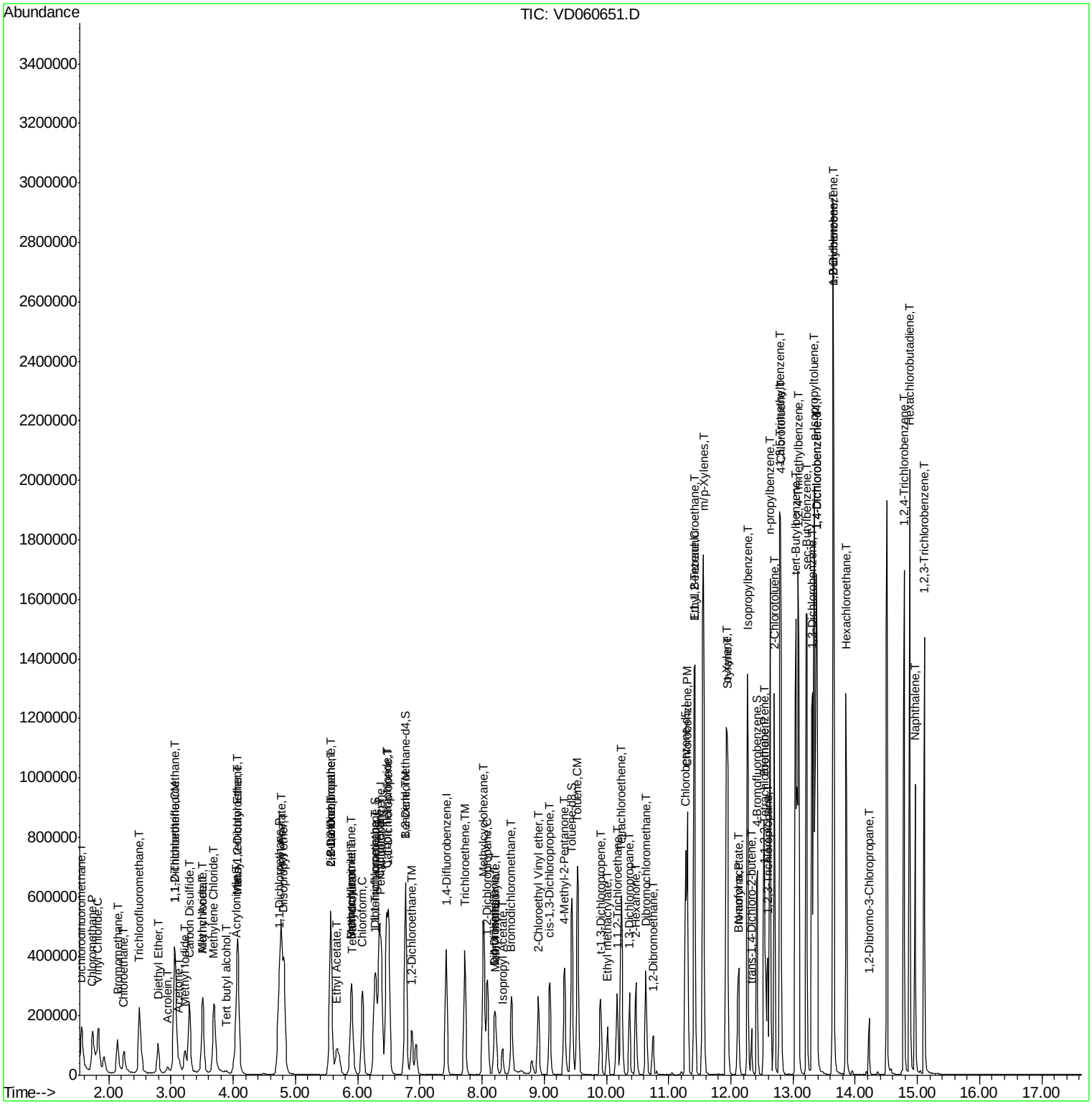
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\

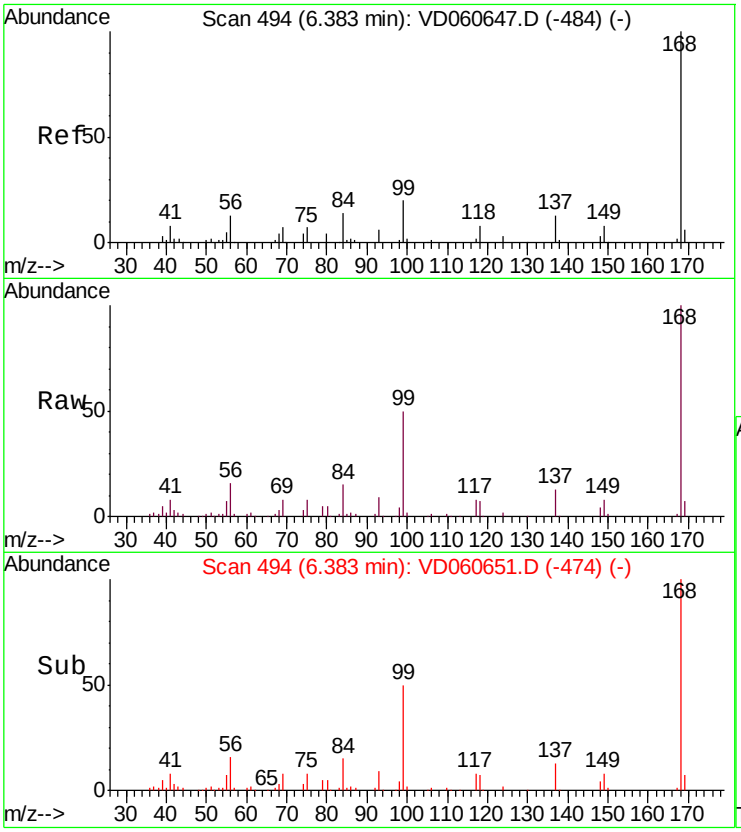
Quantitation Report (Not Reviewed)

Data File : VD060651.D
Acq On : 19 Dec 2018 21:52
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Quant Time: Dec 20 01:45:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 01:37:06 2018
Response via : Initial Calibration



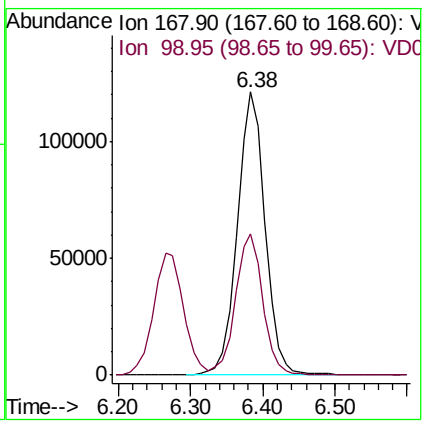


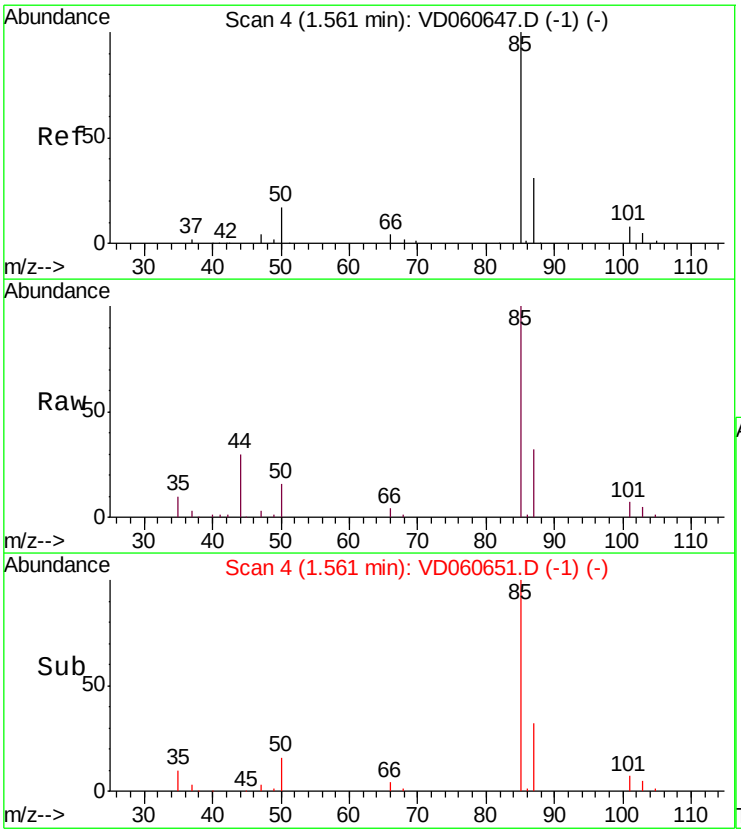

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.38 min Scan# 494
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:168 Resp: 324837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.9 | 39.0 | 58.4 |

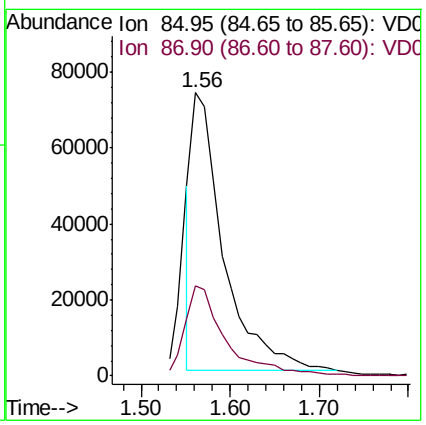


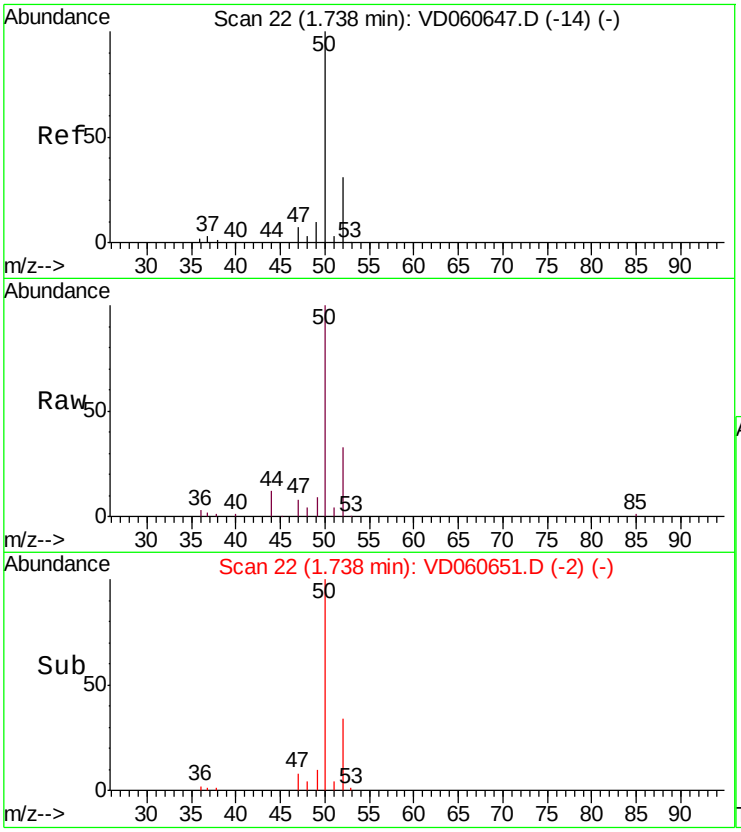




#2
Dichlorodifluoromethane
Concen: 39.968 ug/l
RT: 1.56 min Scan# 4
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 85 Resp: 176934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.8 | 15.3 | 45.9 |



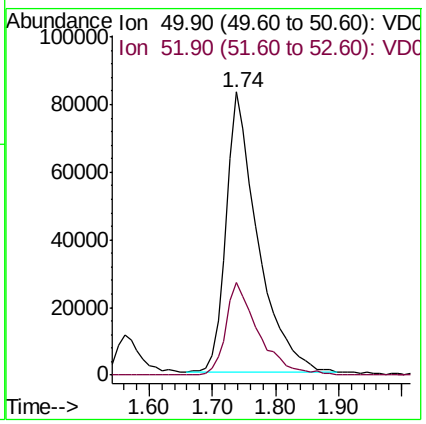


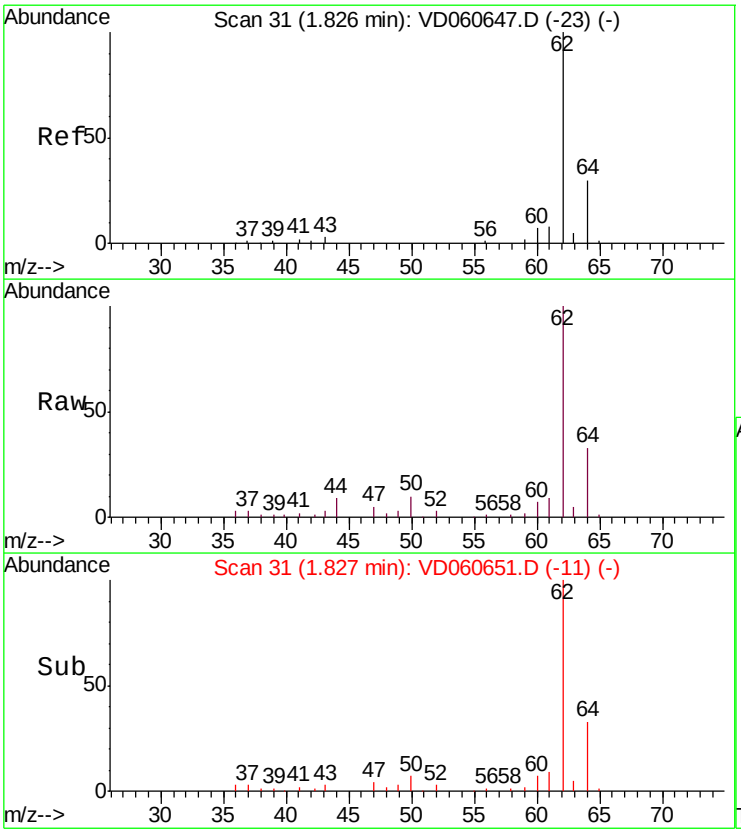

#3
Chloromethane
Concen: 49.686 ug/l
RT: 1.74 min Scan# 22
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 50 Resp: 286781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.6 | 24.4 | 36.6 |

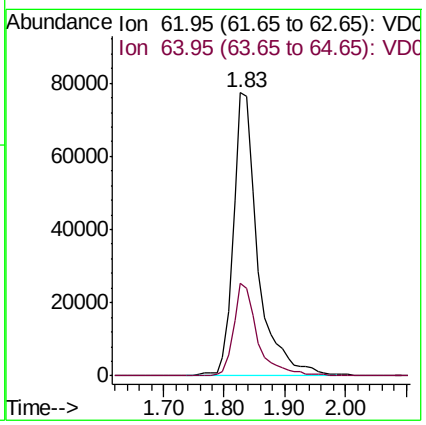


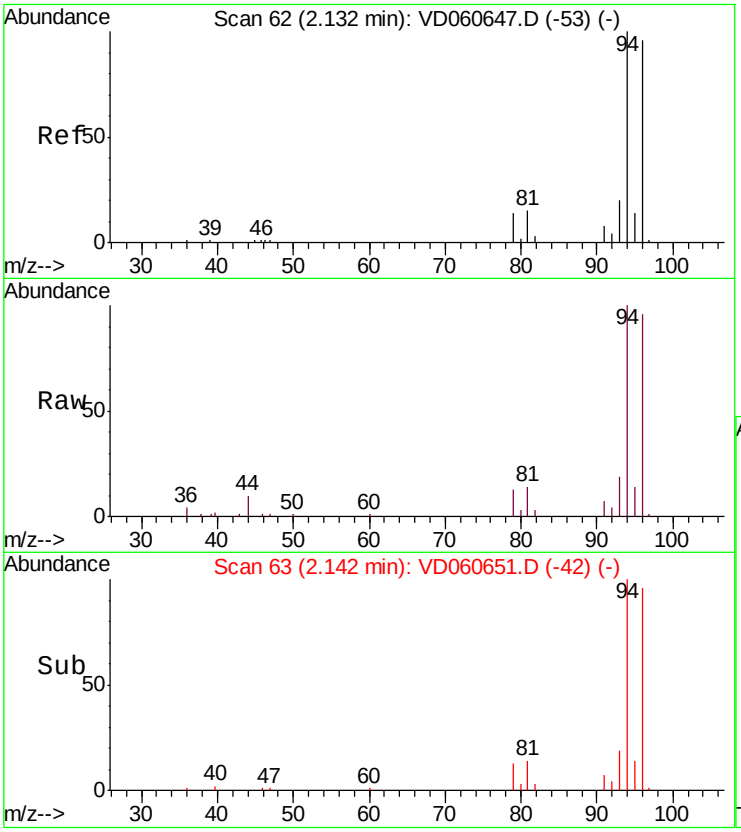




#4
Vinyl Chloride
Concen: 50.406 ug/l
RT: 1.83 min Scan# 31
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 62 Resp: 216841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.8 | 24.3 | 36.5 |



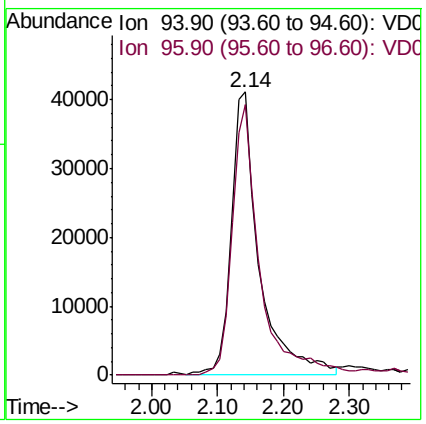


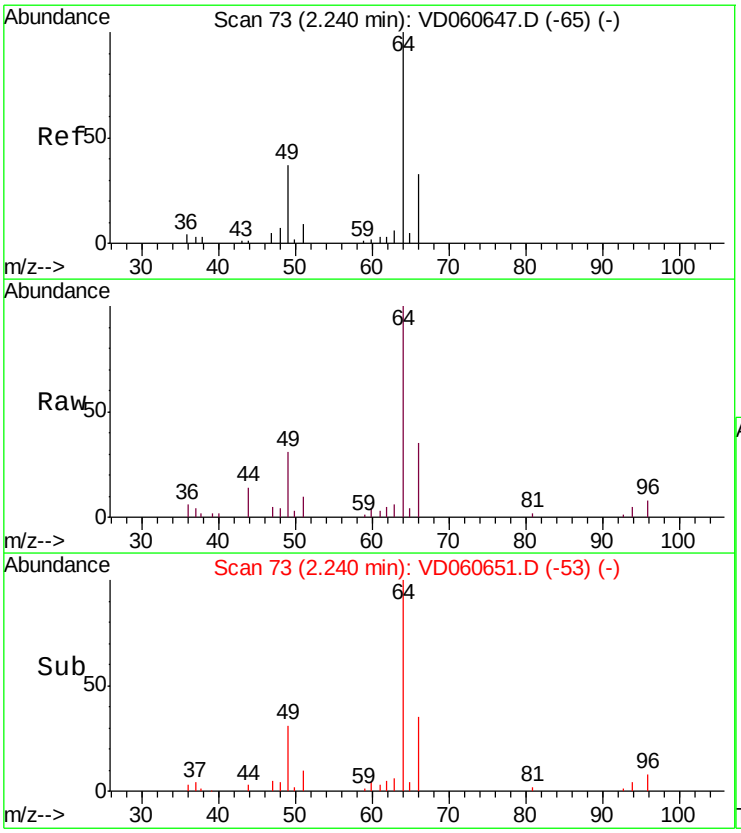

#5
Bromomethane
Concen: 52.735 ug/l
RT: 2.14 min Scan# 63
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 94 Resp: 122590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.8 | 76.7 | 115.1 |

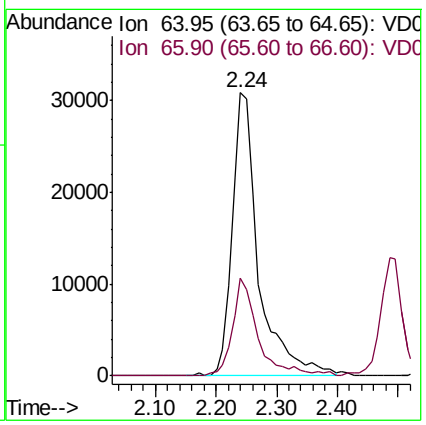


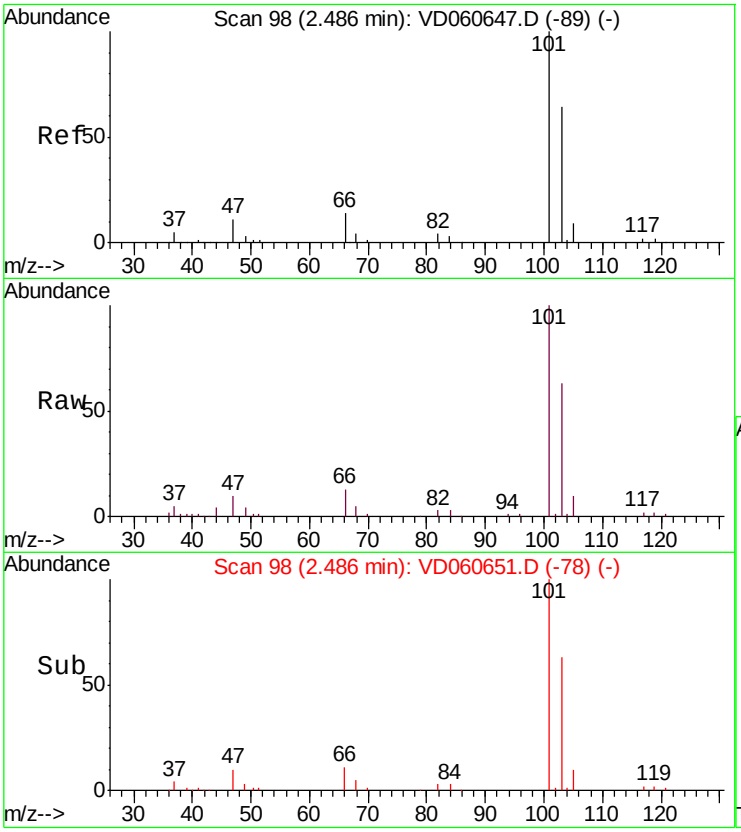




#6
Chloroethane
Concen: 51.305 ug/l
RT: 2.24 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 64 Resp: 93055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 34.6 | 26.2 | 39.2 |



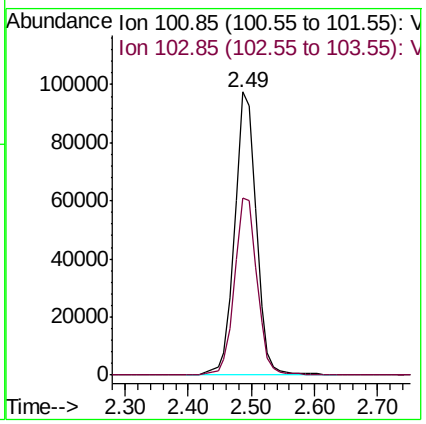


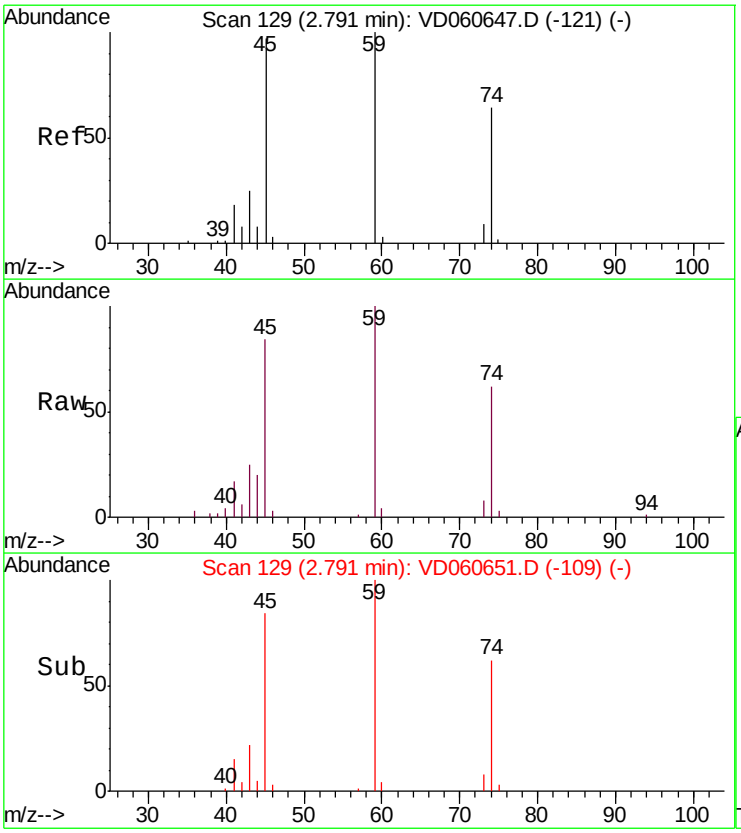

#7
Trichlorofluoromethane
Concen: 49.760 ug/l
RT: 2.49 min Scan# 98
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:101 Resp: 229129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.7 | 51.4 | 77.0 |

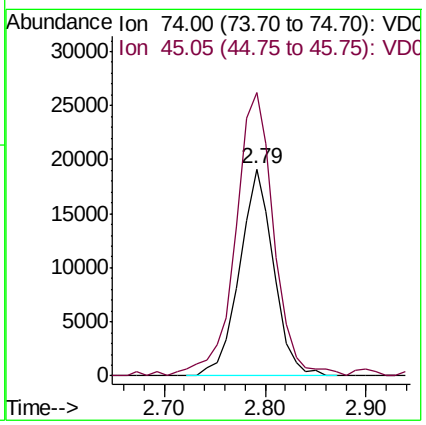


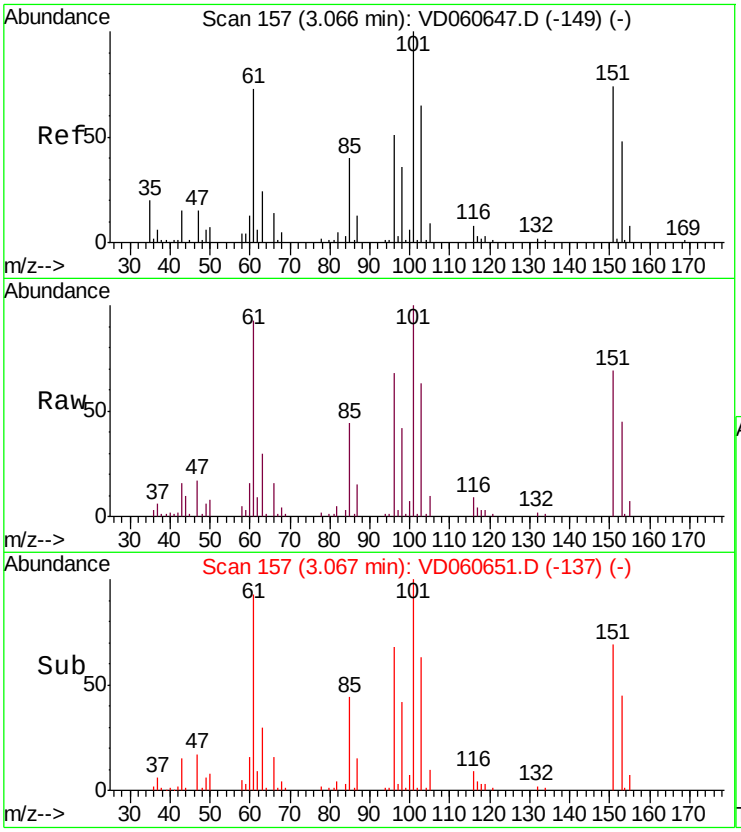




#8
Diethyl Ether
Concen: 51.093 ug/l
RT: 2.79 min Scan# 129
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 74 Resp: 44975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 136.7 | 75.0 | 225.2 |



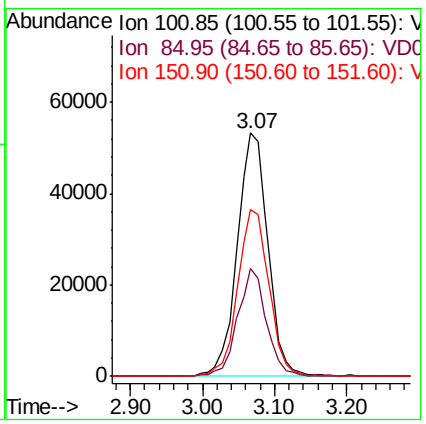


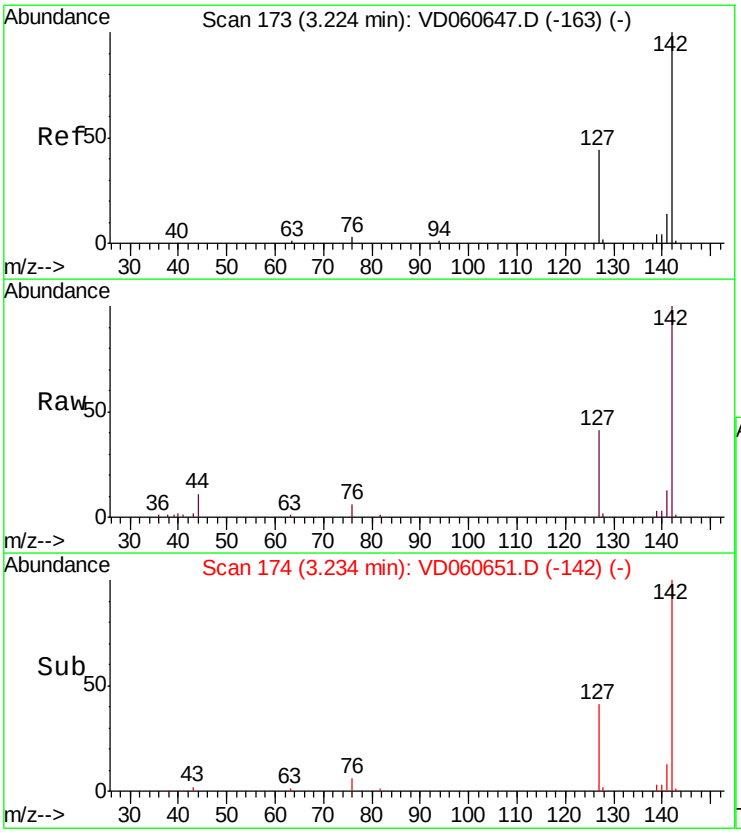

#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.827 ug/l
RT: 3.07 min Scan# 157
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:101 Resp: 157861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.3 | 31.7 | 47.5 |
| 151 | 68.7 | 58.9 | 88.3 |

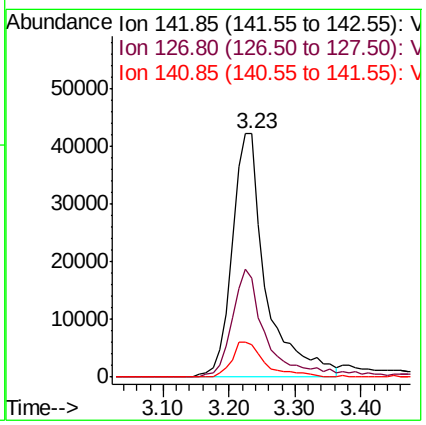


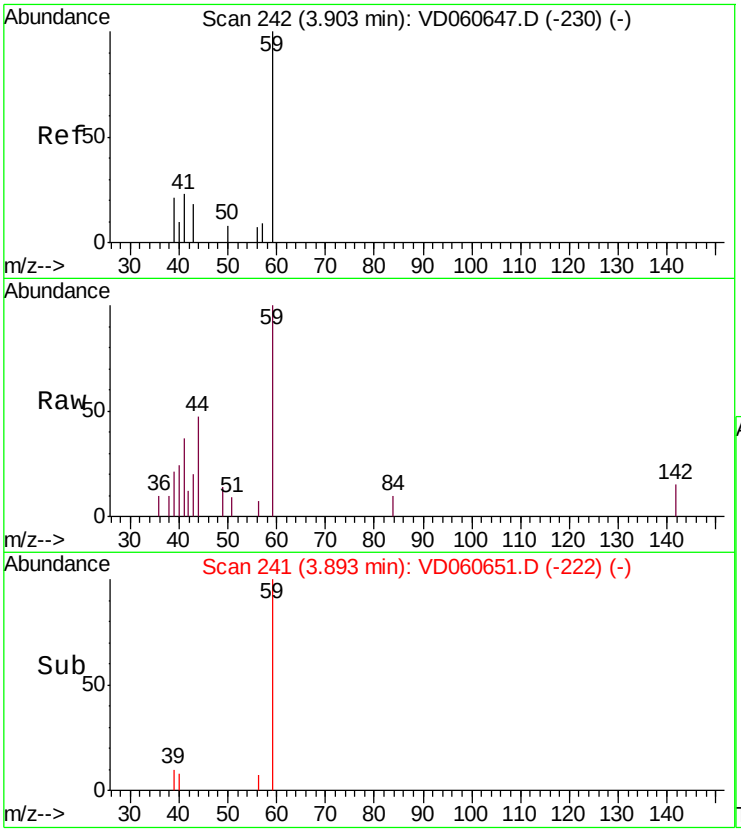




#10
Methyl Iodide
Concen: 45.209 ug/l
RT: 3.23 min Scan# 174
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:142 Resp: 151645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.6 | 35.3 | 52.9 |
| 141 | 13.4 | 11.4 | 17.0 |



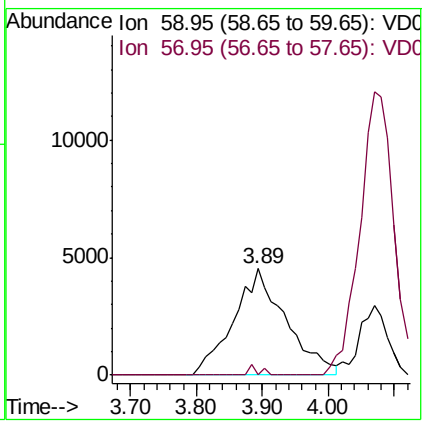


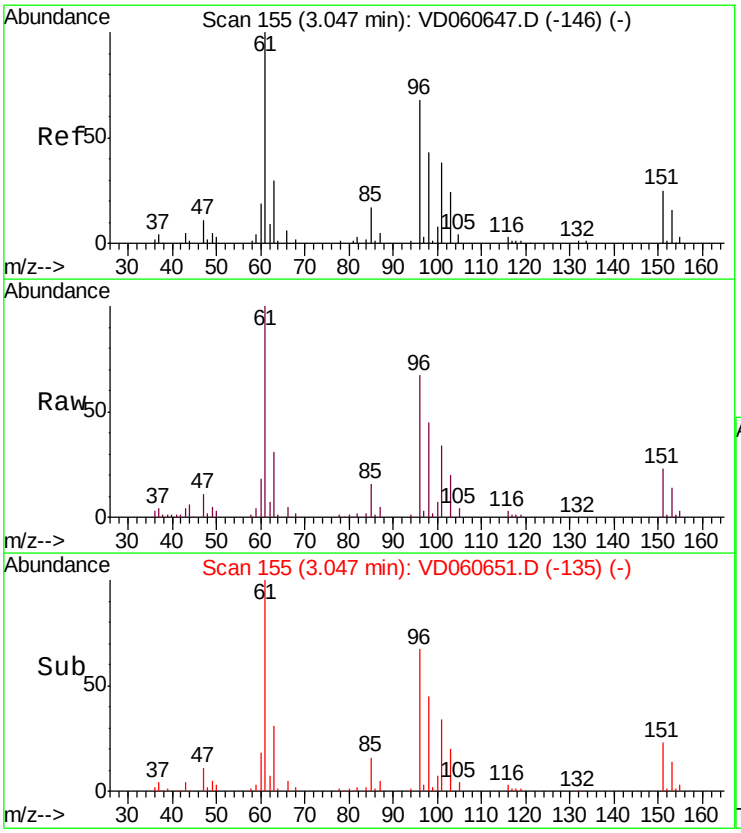

#11
Tert butyl alcohol
Concen: 257.450 ug/l
RT: 3.89 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 59 Resp: 25142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.0 | 10.6# |

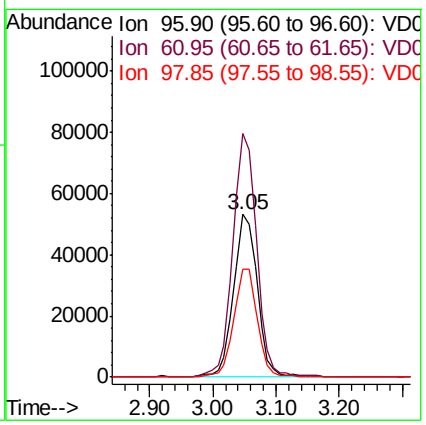


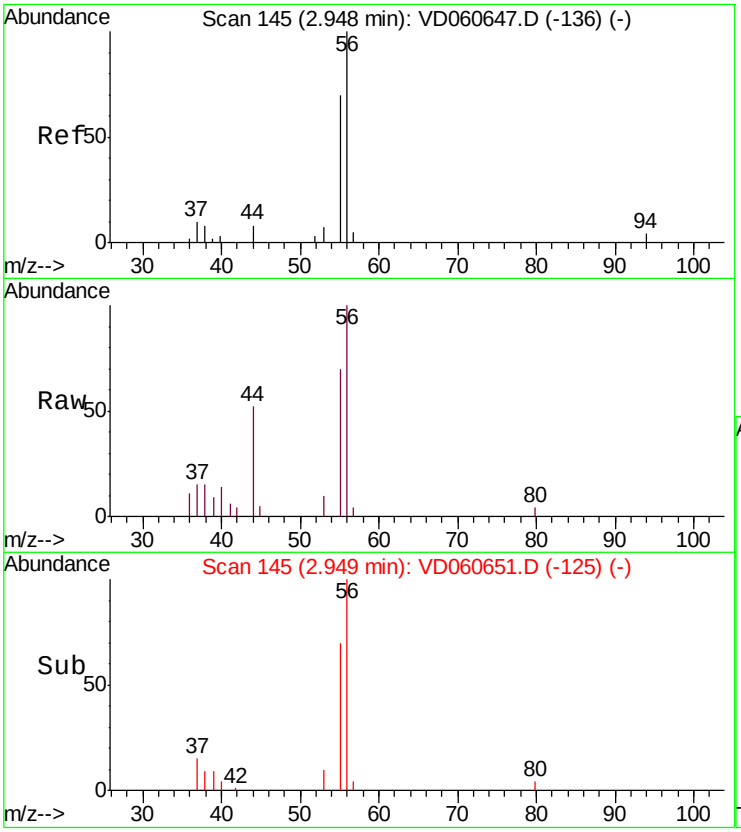




#12
1,1-Dichloroethene
Concen: 50.378 ug/l
RT: 3.05 min Scan# 155
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 96 Resp: 138518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.6 | 117.7 | 176.5 |
| 98 | 66.6 | 50.4 | 75.6 |



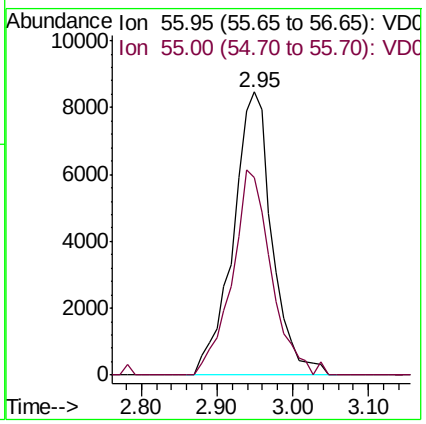


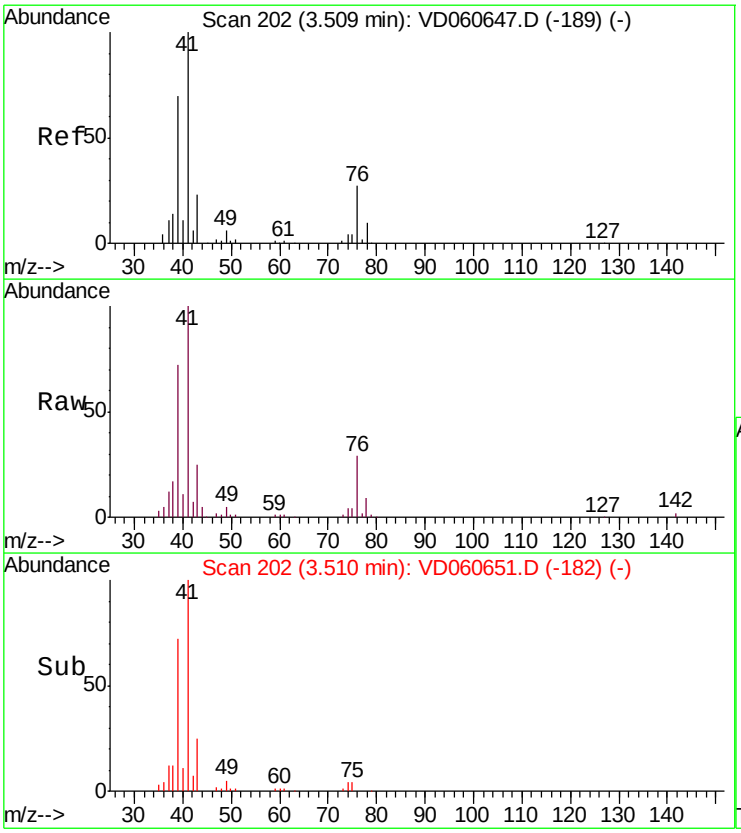

#13
Acrolein
Concen: 220.676 ug/l
RT: 2.95 min Scan# 145
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 56 Resp: 30190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.9 | 55.8 | 83.8 |

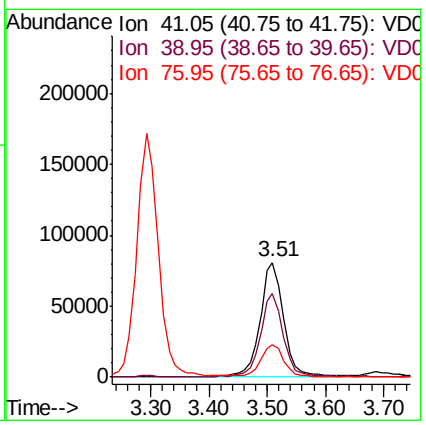


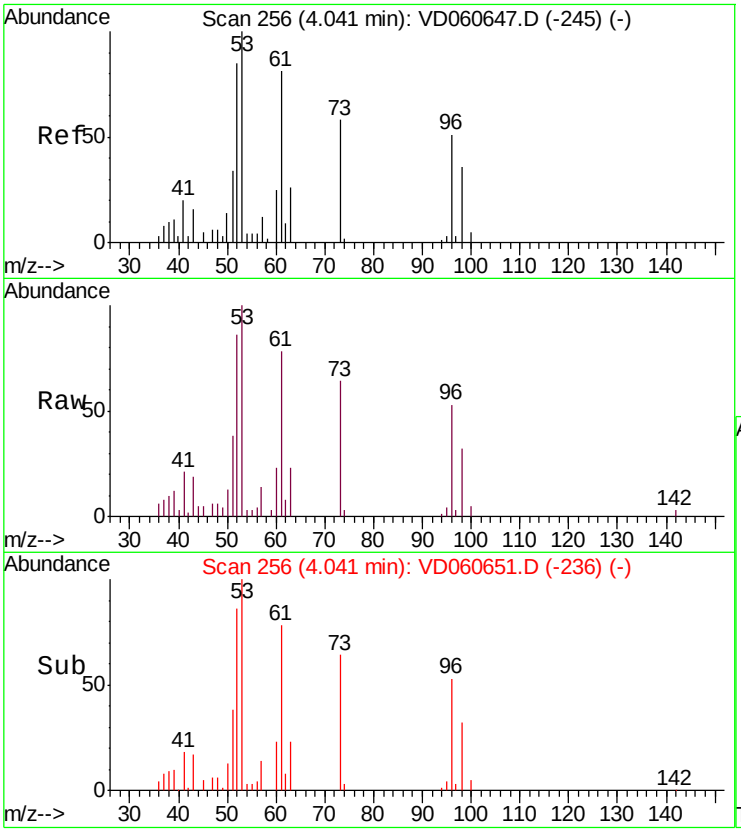




#14
Allyl chloride
Concen: 50.374 ug/l
RT: 3.51 min Scan# 202
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 41 Resp: 231731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 72.4 | 55.7 | 83.5 |
| 76 | 28.7 | 23.9 | 35.9 |



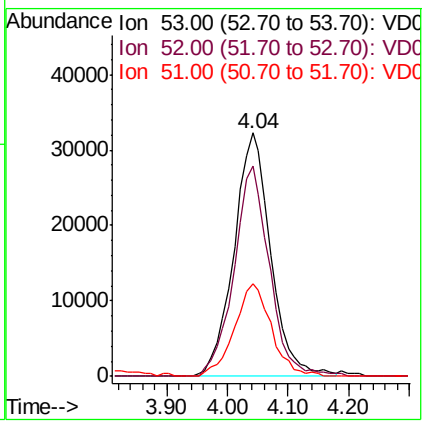


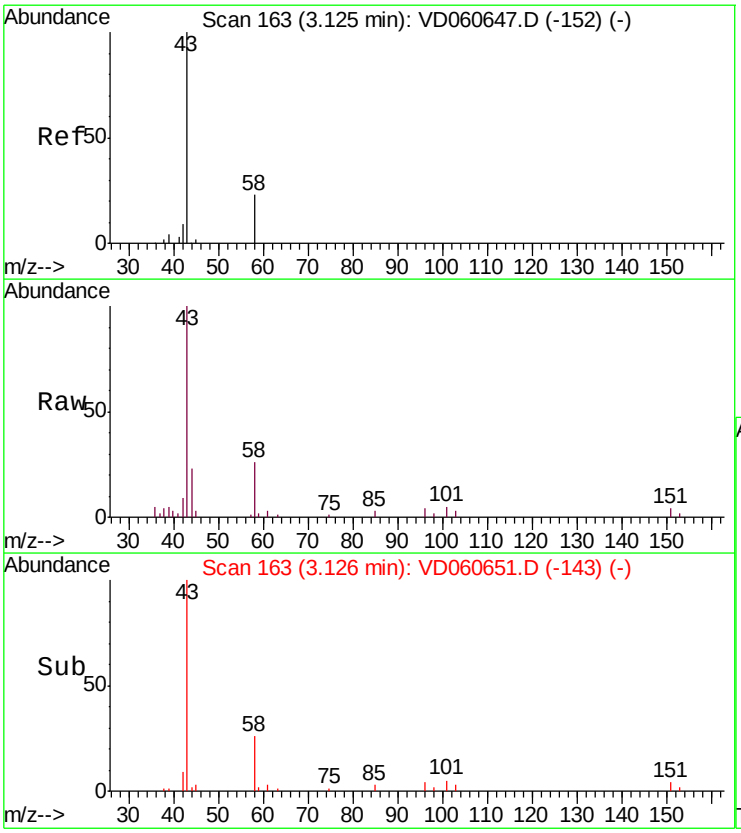

#15
Acrylonitrile
Concen: 246.746 ug/l
RT: 4.04 min Scan# 256
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 53 Resp: 135533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 86.4 | 68.2 | 102.4 |
| 51 | 38.2 | 27.3 | 40.9 |

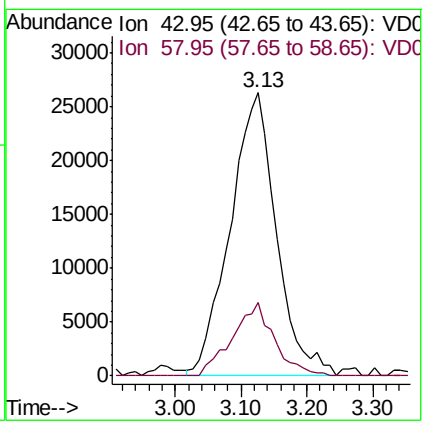


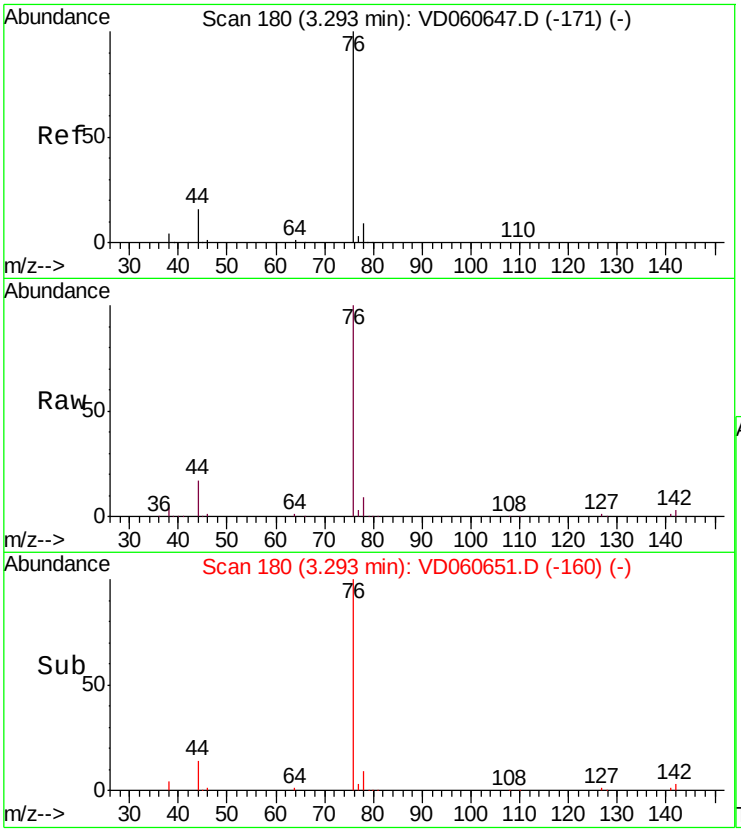




#16
Acetone
Concen: 235.123 ug/l
RT: 3.13 min Scan# 163
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 43 Resp: 128996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.0 | 18.4 | 27.6 |



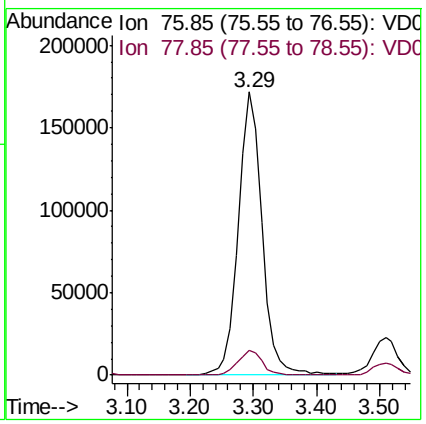


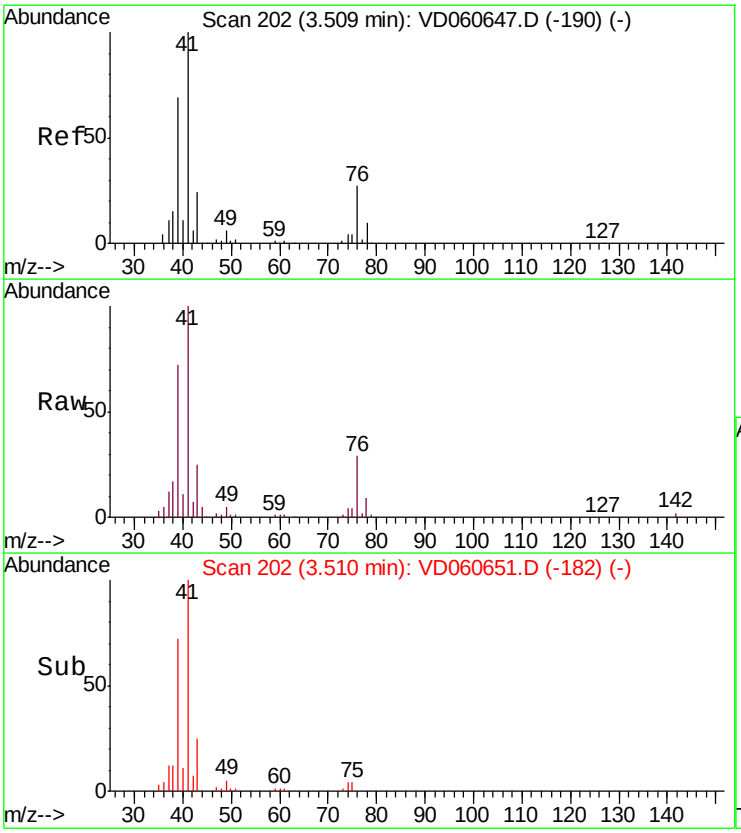

#17
Carbon Disulfide
Concen: 50.263 ug/l
RT: 3.29 min Scan# 180
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 76 Resp: 446508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.2 | 10.8 |

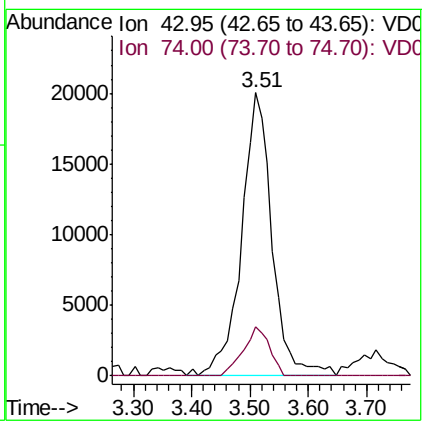


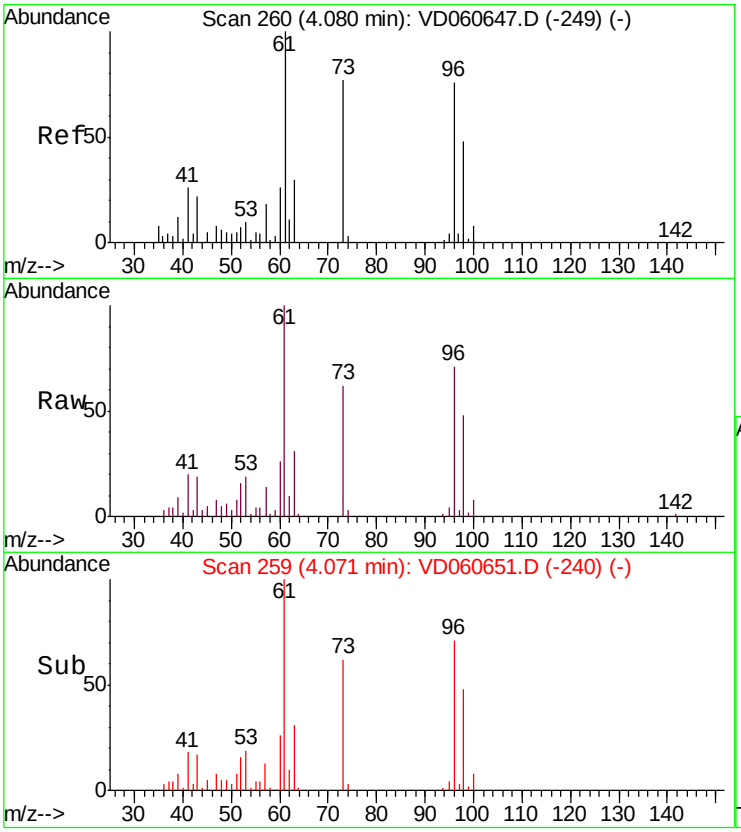




#18
Methyl Acetate
Concen: 46.740 ug/l
RT: 3.51 min Scan# 202
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 43 Resp: 73600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 17.3 | 14.6 | 21.8 |



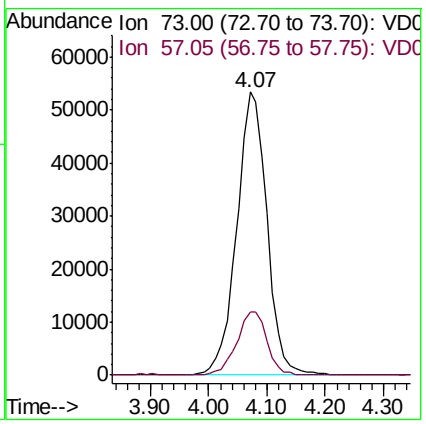


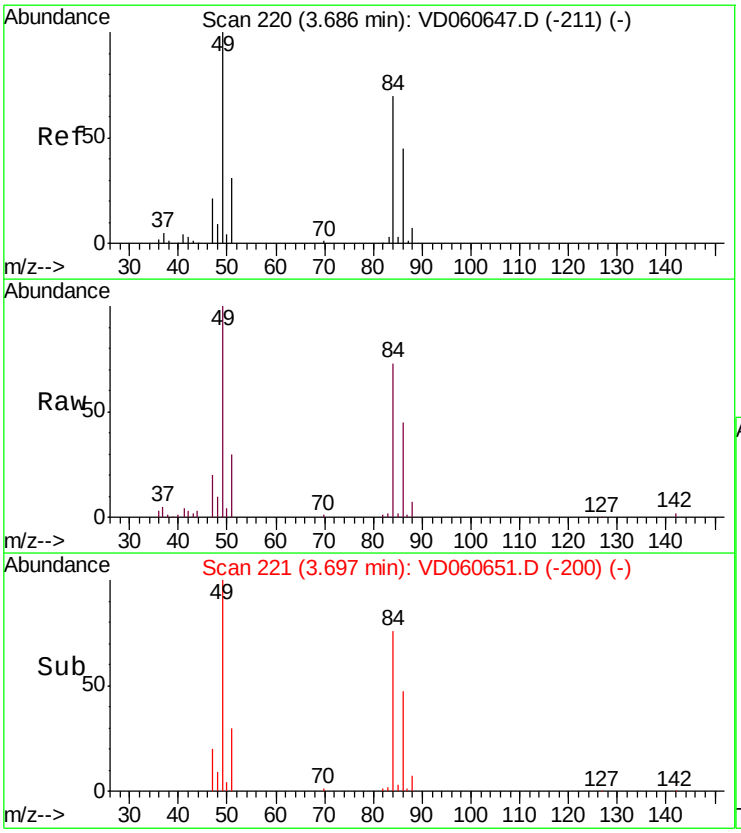

#19
Methyl tert-butyl Ether
Concen: 48.823 ug/l
RT: 4.07 min Scan# 259
Delta R.T. -0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 73 Resp: 193352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.5 | 18.4 | 27.6 |

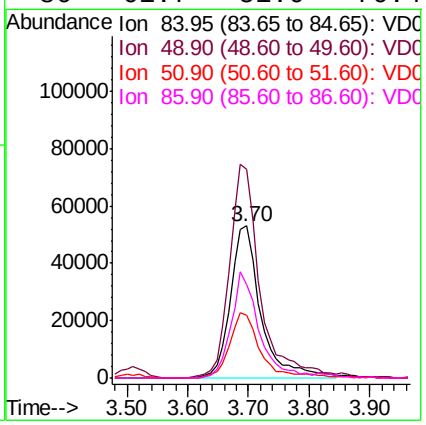


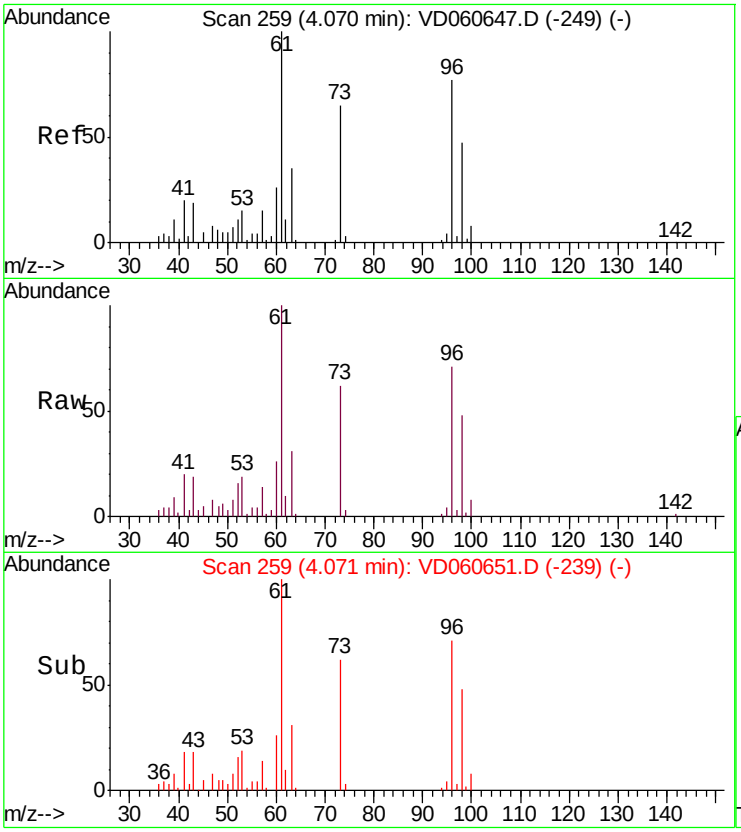




#20
Methylene Chloride
Concen: 48.496 ug/l
RT: 3.70 min Scan# 221
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 84 Resp: 184370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 136.8 | 113.9 | 170.9 |
| 51 | 41.2 | 34.8 | 52.2 |
| 86 | 61.7 | 51.0 | 76.4 |



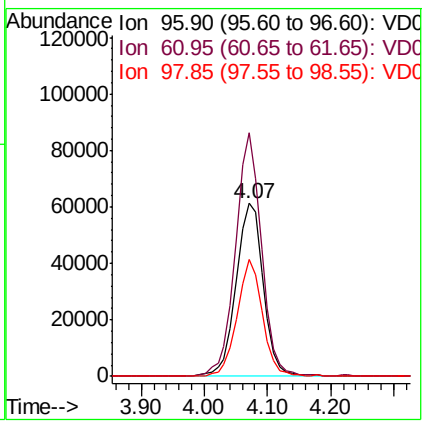


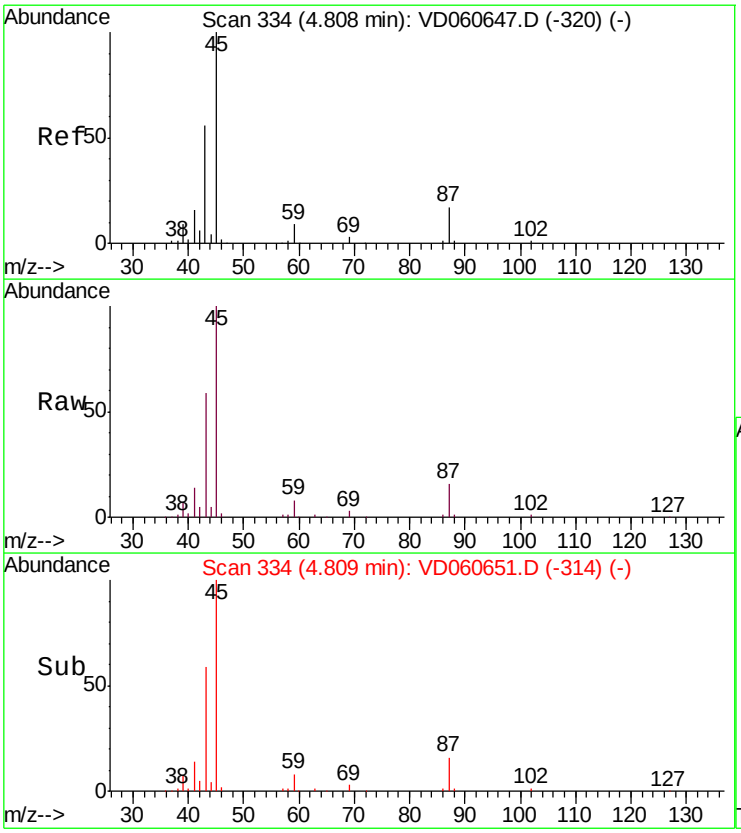

#21
trans-1,2-Dichloroethene
Concen: 50.483 ug/l
RT: 4.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 96 Resp: 182599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.8 | 103.5 | 155.3 |
| 98 | 67.5 | 49.0 | 73.4 |

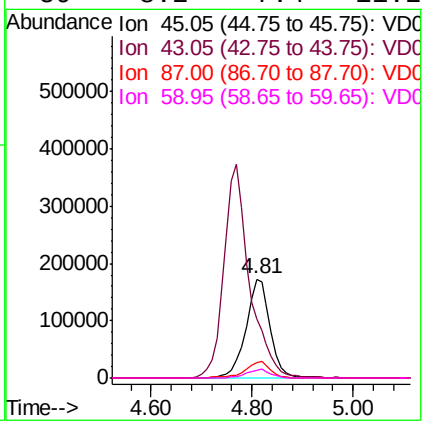


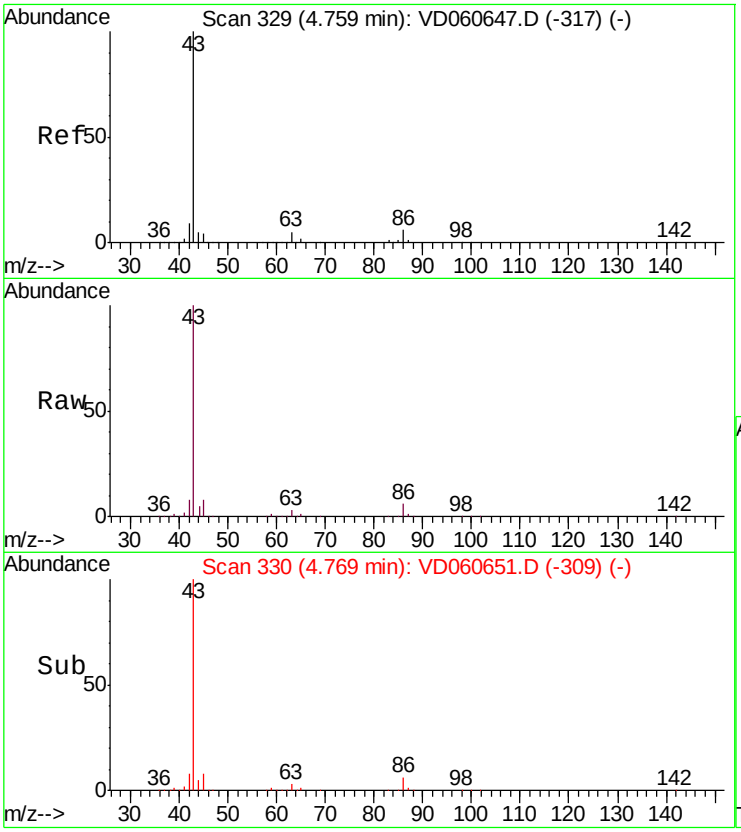




#22
Diisopropyl ether
Concen: 52.020 ug/l
RT: 4.81 min Scan# 334
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 45 Resp: 577969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 59.2 | 45.2 | 67.8 |
| 87 | 16.1 | 13.3 | 19.9 |
| 59 | 8.2 | 7.4 | 11.2 |



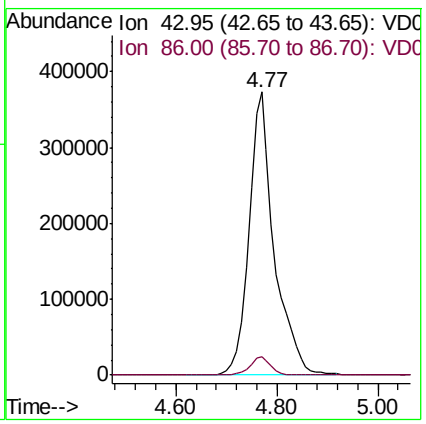


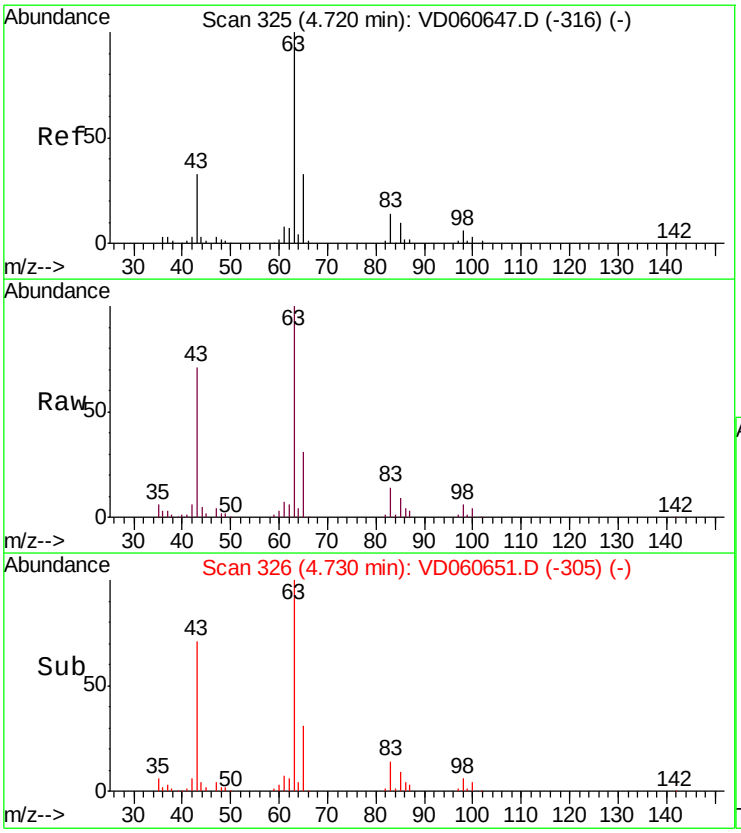

#23
Vinyl Acetate
Concen: 268.316 ug/l
RT: 4.77 min Scan# 330
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 43 Resp: 1298867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.4 | 5.0 | 7.6 |

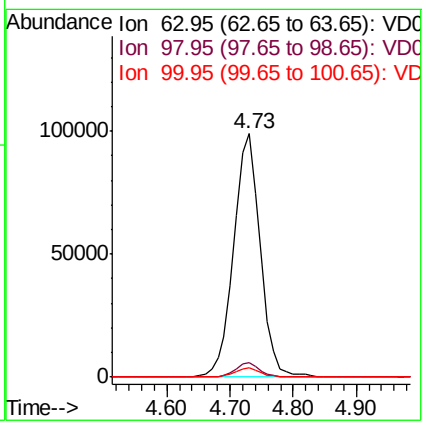


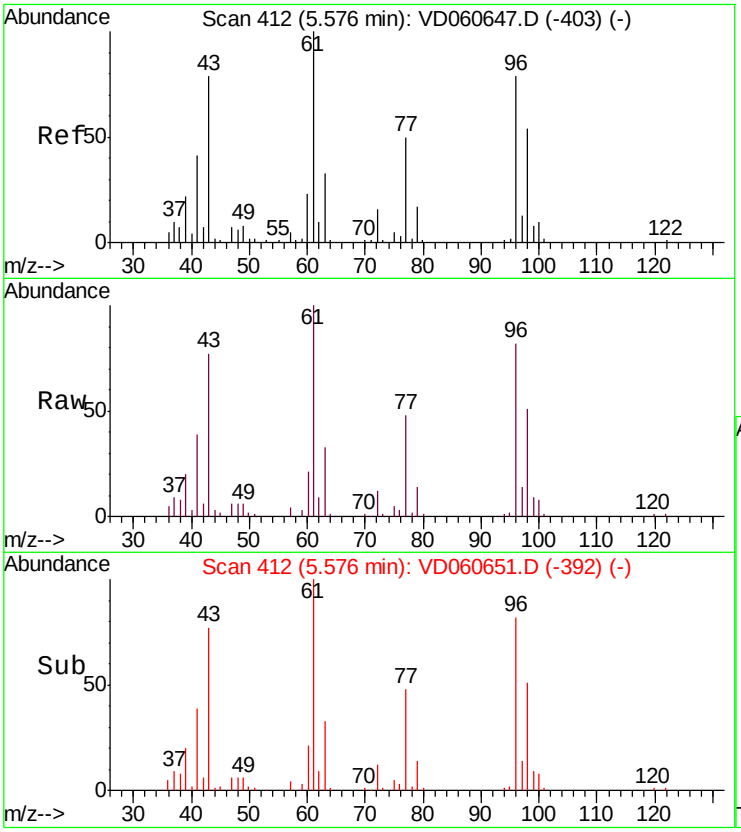




#24
1,1-Dichloroethane
Concen: 48.149 ug/l
RT: 4.73 min Scan# 326
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 63 Resp: 287435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.9 | 2.8 | 8.3 |
| 100 | 3.9 | 1.7 | 5.1 |



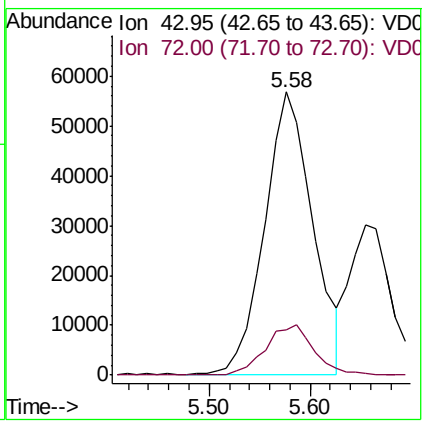


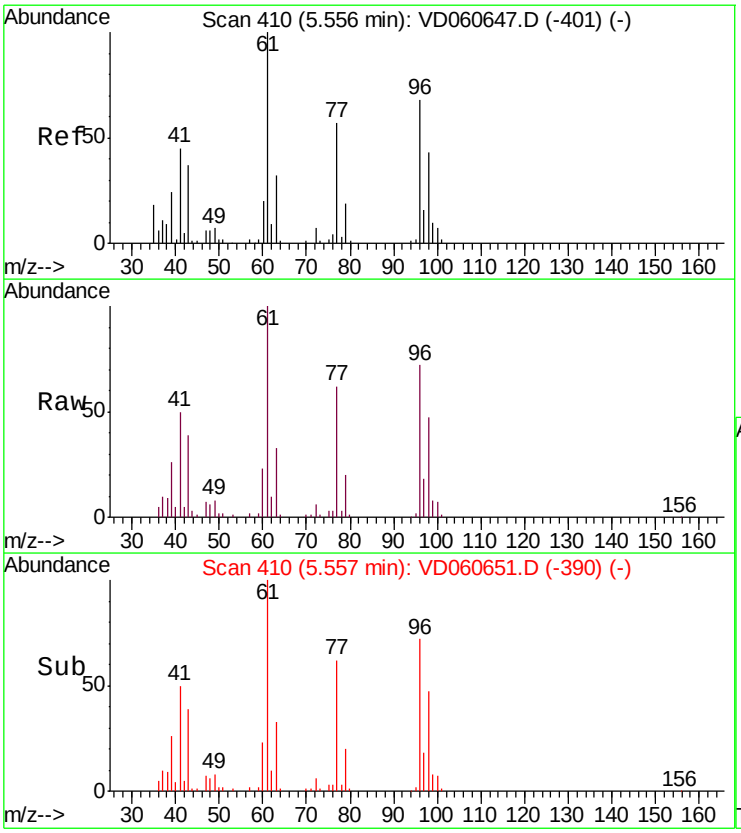

#25
2-Butanone
Concen: 244.914 ug/l
RT: 5.58 min Scan# 412
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 43 Resp: 188725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 16.0 | 16.0 | 24.0 |

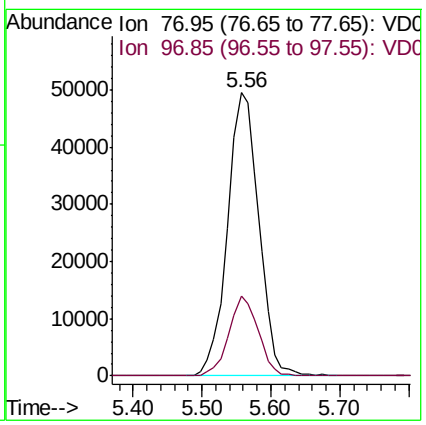


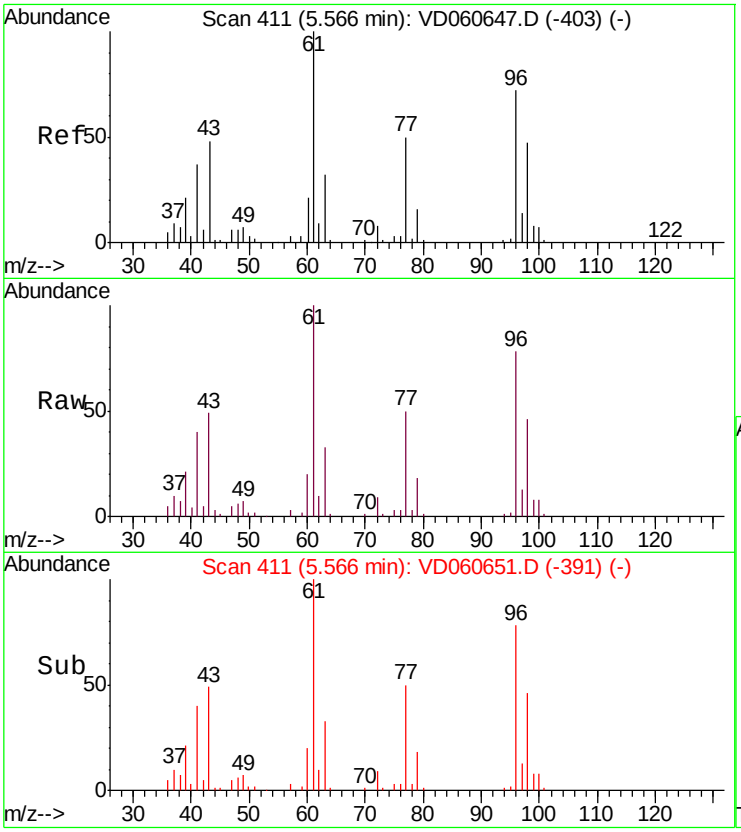




#26
2,2-Dichloropropane
Concen: 45.464 ug/l
RT: 5.56 min Scan# 410
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 77 Resp: 156054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 28.2 | 14.1 | 42.4 |



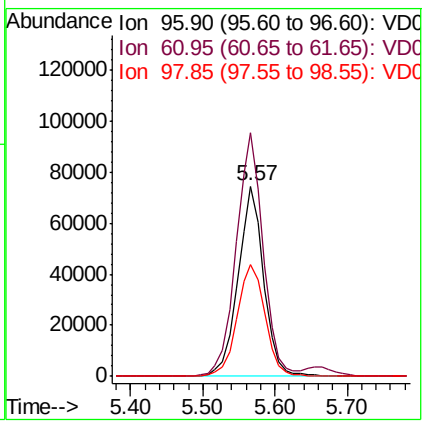


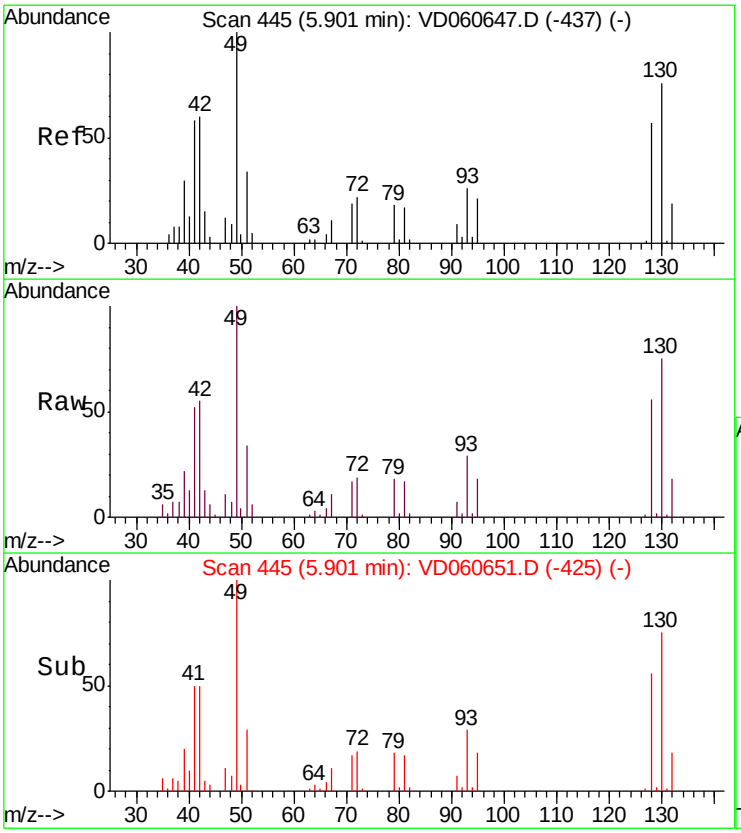

#27
cis-1,2-Dichloroethene
Concen: 51.477 ug/l
RT: 5.57 min Scan# 411
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 96 Resp: 185077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.1 | 0.0 | 276.4 |
| 98 | 59.0 | 0.0 | 129.4 |

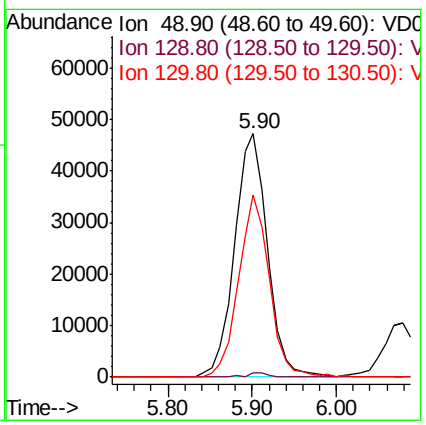


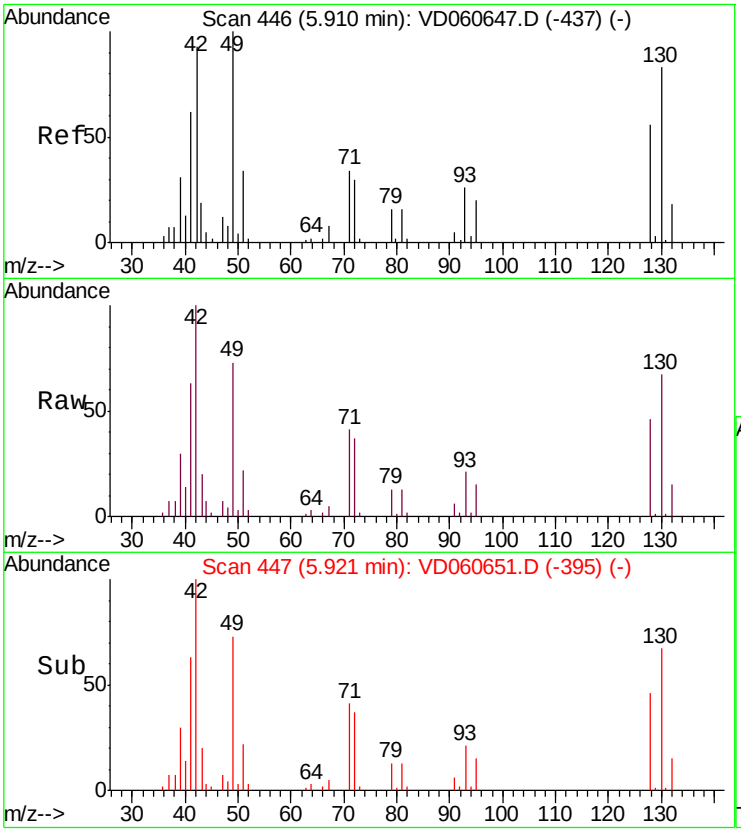




#28
Bromochloromethane
Concen: 52.041 ug/l
RT: 5.90 min Scan# 445
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 49 Resp: 128308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 0.0# |
| 130 | 74.9 | 60.4 | 90.6 |



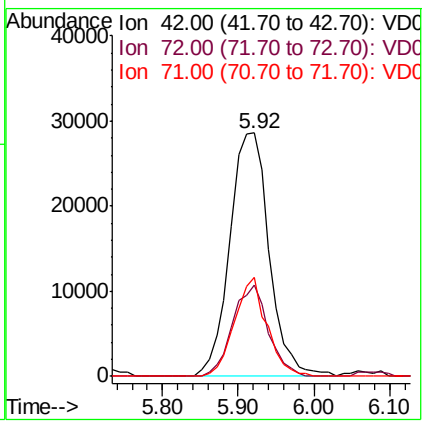


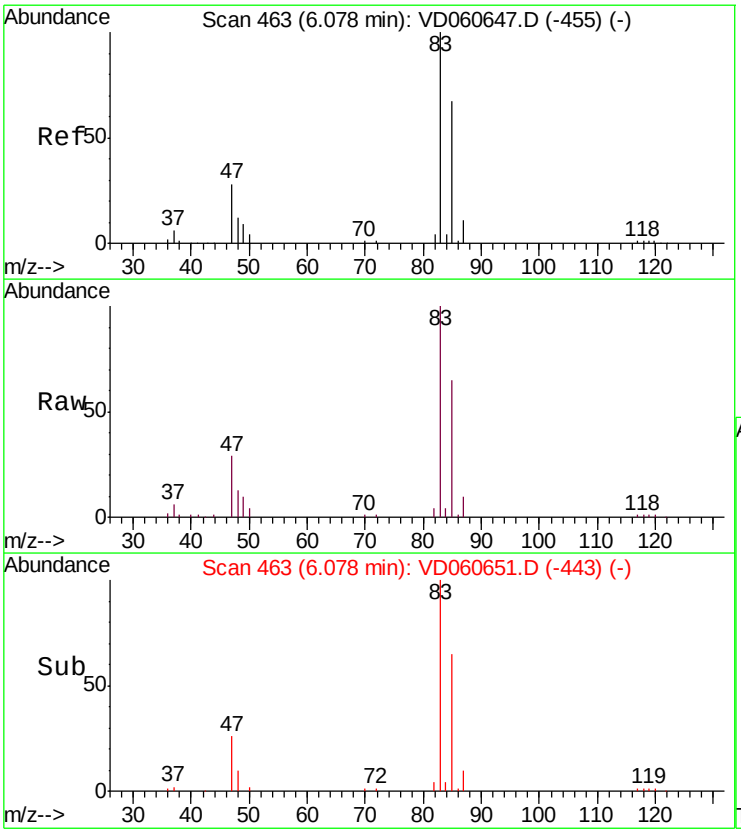

#29
Tetrahydrofuran
Concen: 257.503 ug/l
RT: 5.92 min Scan# 447
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 42 Resp: 102947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 33.8 | 26.5 | 39.7 |
| 71 | 33.3 | 27.4 | 41.0 |

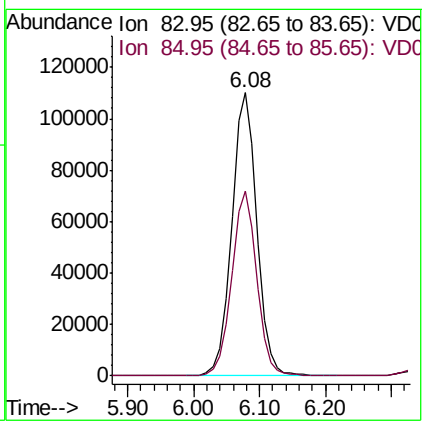


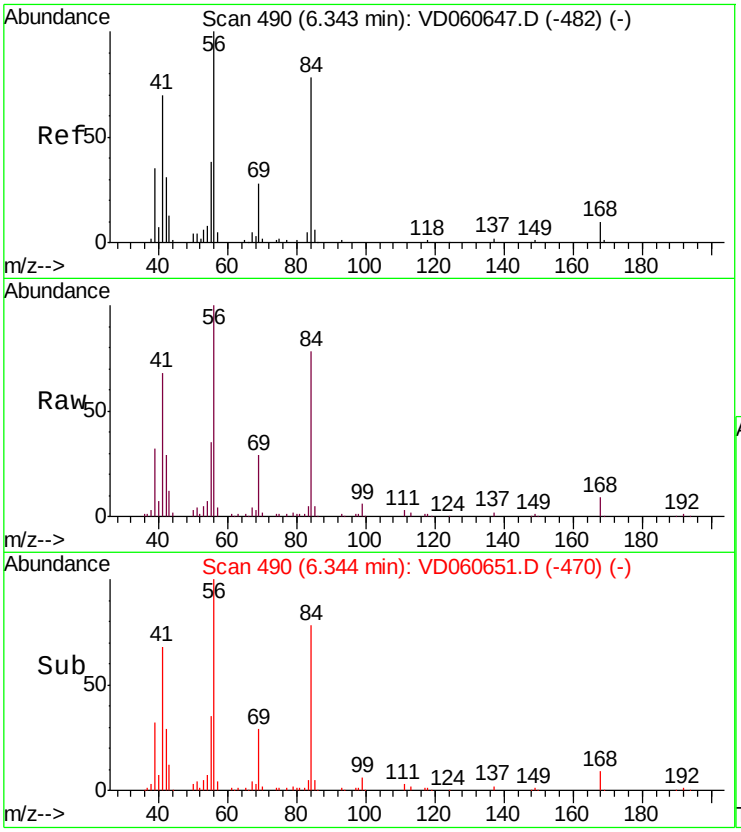




#30
Chloroform
Concen: 48.456 ug/l
RT: 6.08 min Scan# 463
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 83 Resp: 293161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 53.4 | 80.2 |



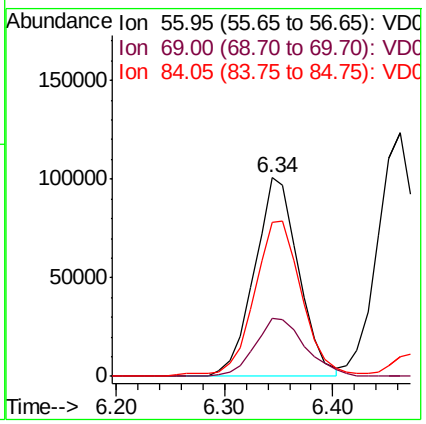


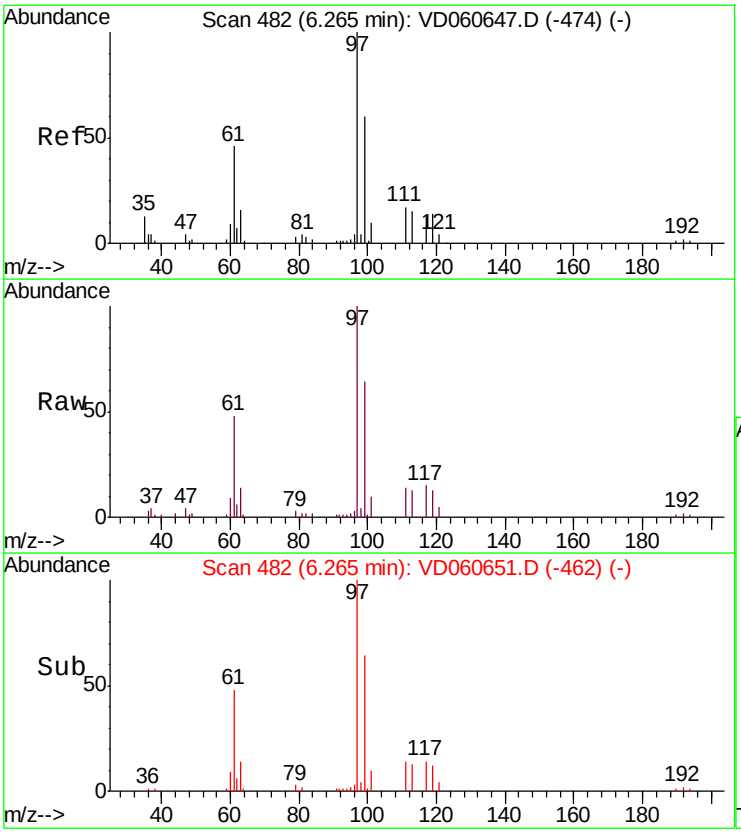

#31
Cyclohexane
Concen: 49.566 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 56 Resp: 285131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.3 | 22.2 | 33.2 |
| 84 | 77.9 | 62.4 | 93.6 |

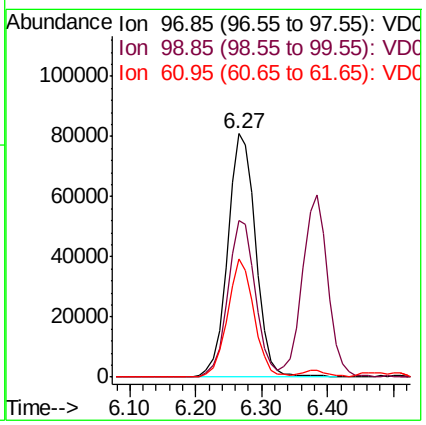


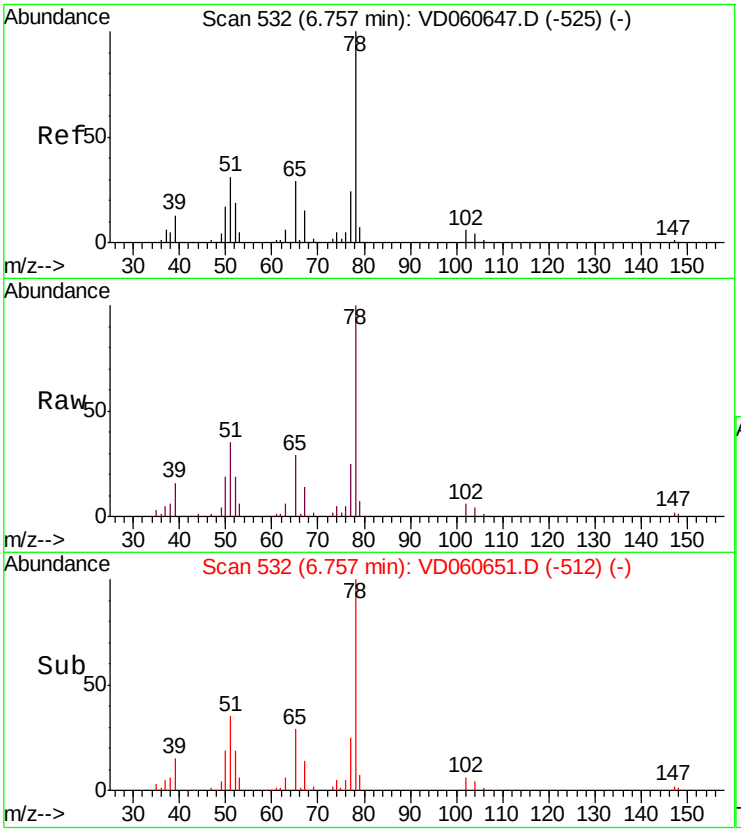




#32
1,1,1-Trichloroethane
Concen: 51.714 ug/l
RT: 6.27 min Scan# 482
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 97 Resp: 239937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 48.3 | 72.5 |
| 61 | 48.5 | 37.0 | 55.4 |



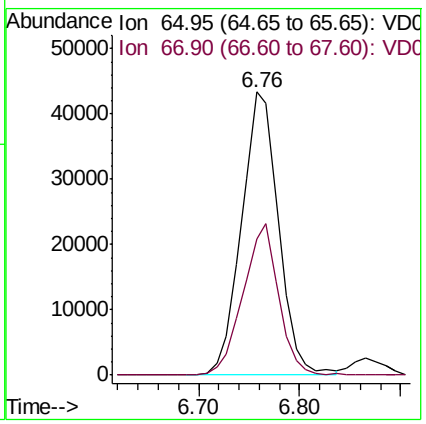


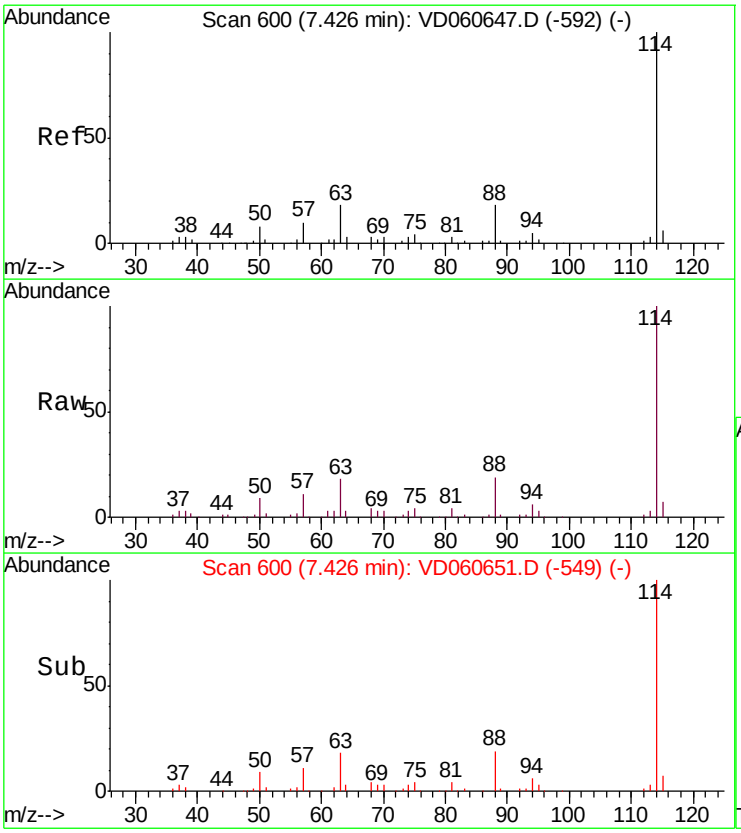

#33
1,2-Dichloroethane-d4
Concen: 51.714 ug/l
RT: 6.76 min Scan# 532
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 65 Resp: 110529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 48.1 | 0.0 | 103.6 |

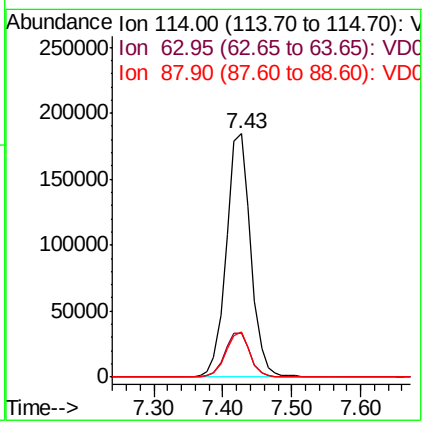


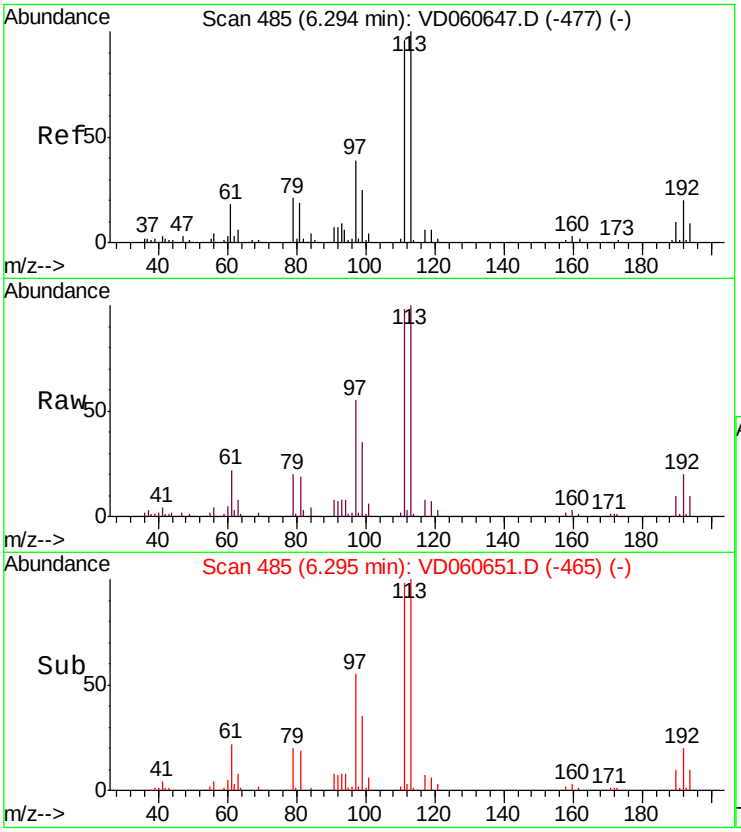




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:114 Resp: 450282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.9 | 0.0 | 35.6 |
| 88 | 18.8 | 0.0 | 36.0 |



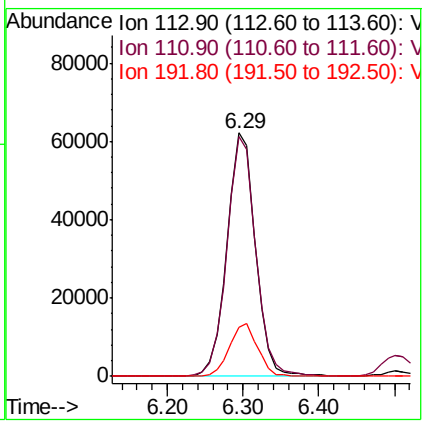


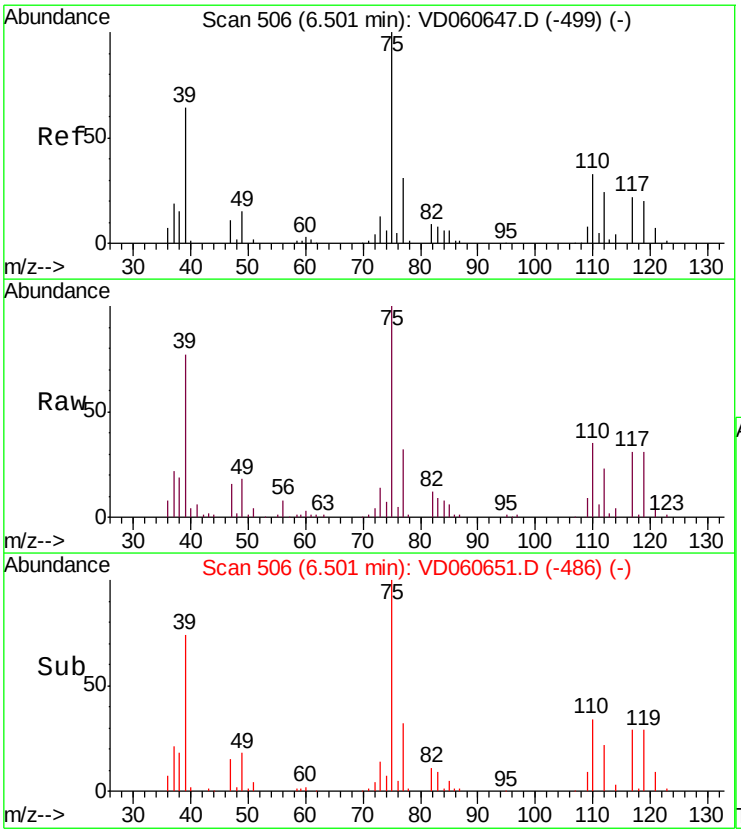

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 485
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:113 Resp: 160981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 98.4 | 77.0 | 115.6 |
| 192 | 20.1 | 15.8 | 23.6 |

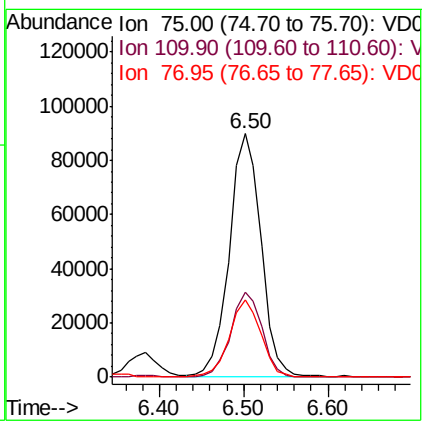


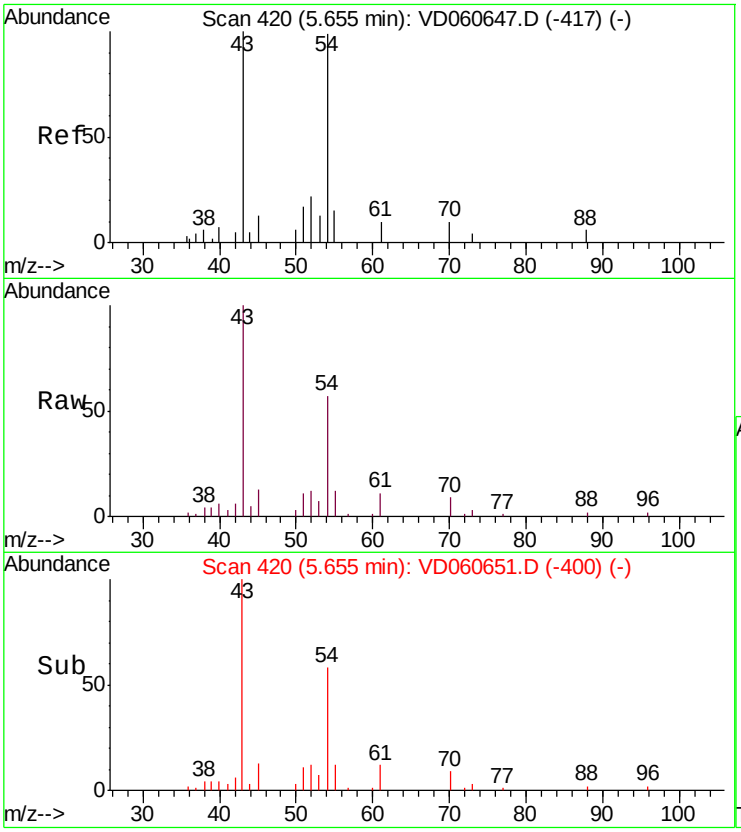




#36
1,1-Dichloropropene
Concen: 48.652 ug/l
RT: 6.50 min Scan# 506
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 75 Resp: 235352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.7 | 16.4 | 49.2 |
| 77 | 31.7 | 24.7 | 37.1 |



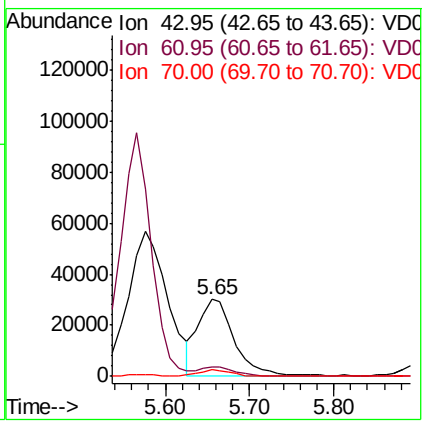


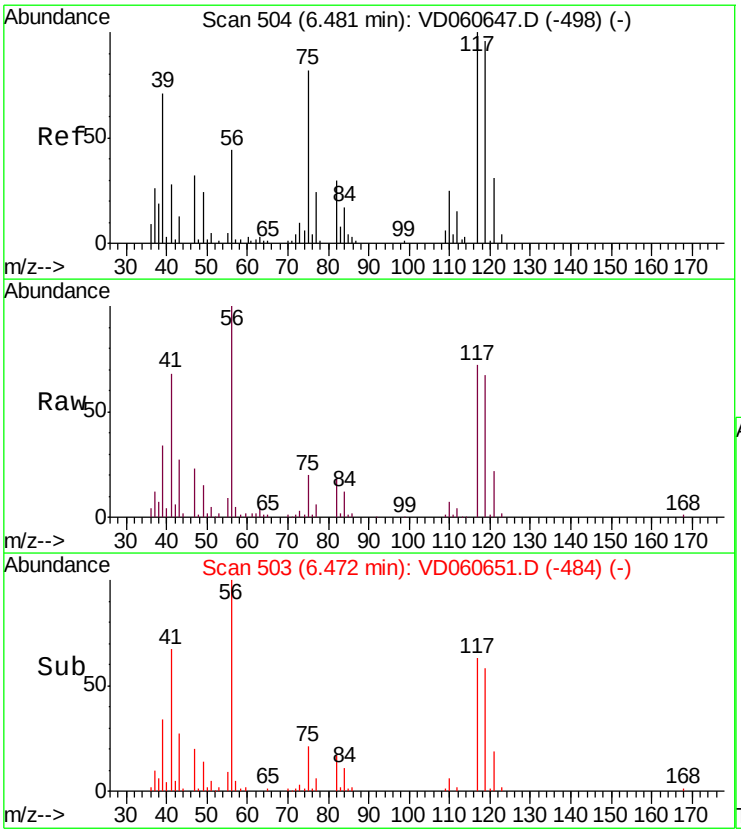

#37
Ethyl Acetate
Concen: 50.598 ug/l
RT: 5.65 min Scan# 420
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 43 Resp: 87449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 11.5 | 10.5 | 15.7 |
| 70 | 9.0 | 5.4 | 8.2# |

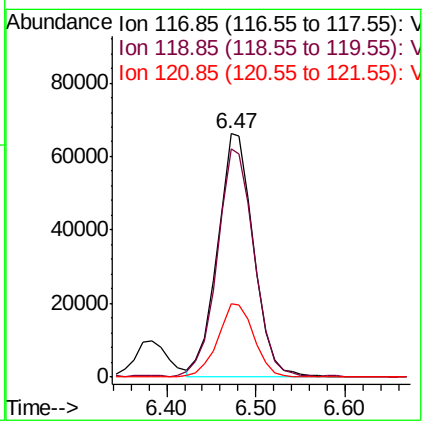


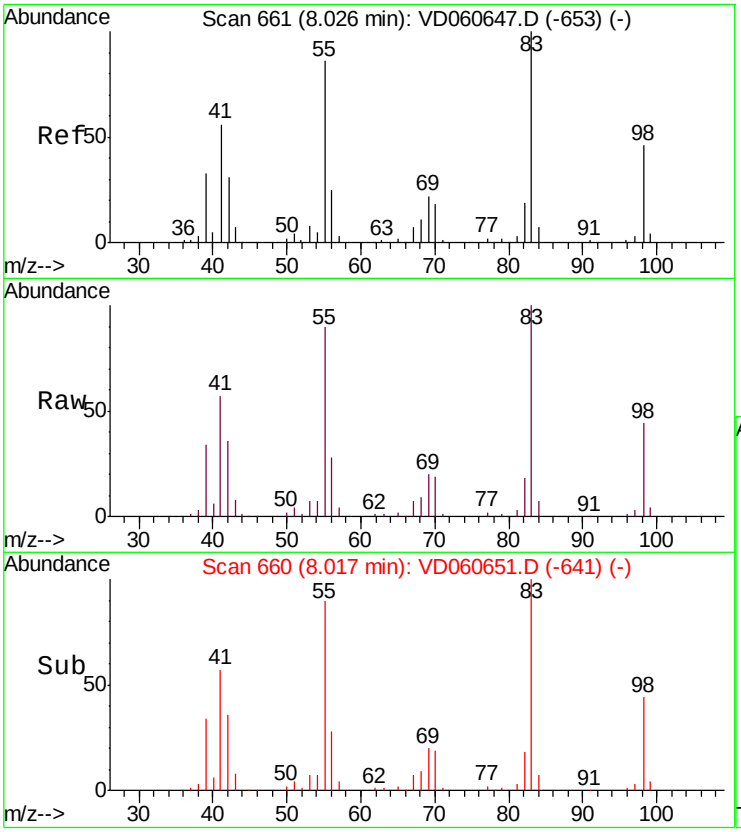




#38
Carbon Tetrachloride
Concen: 52.306 ug/l
RT: 6.47 min Scan# 503
Delta R.T. -0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:117 Resp: 187665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.8 | 76.6 | 115.0 |
| 121 | 30.2 | 23.9 | 35.9 |



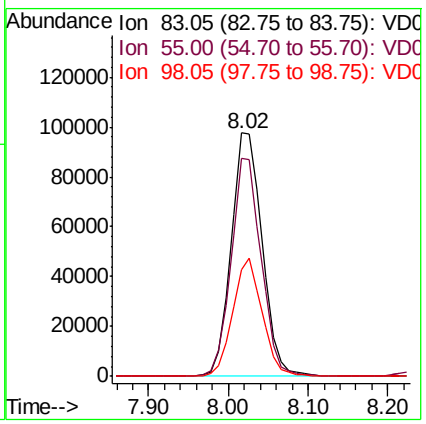


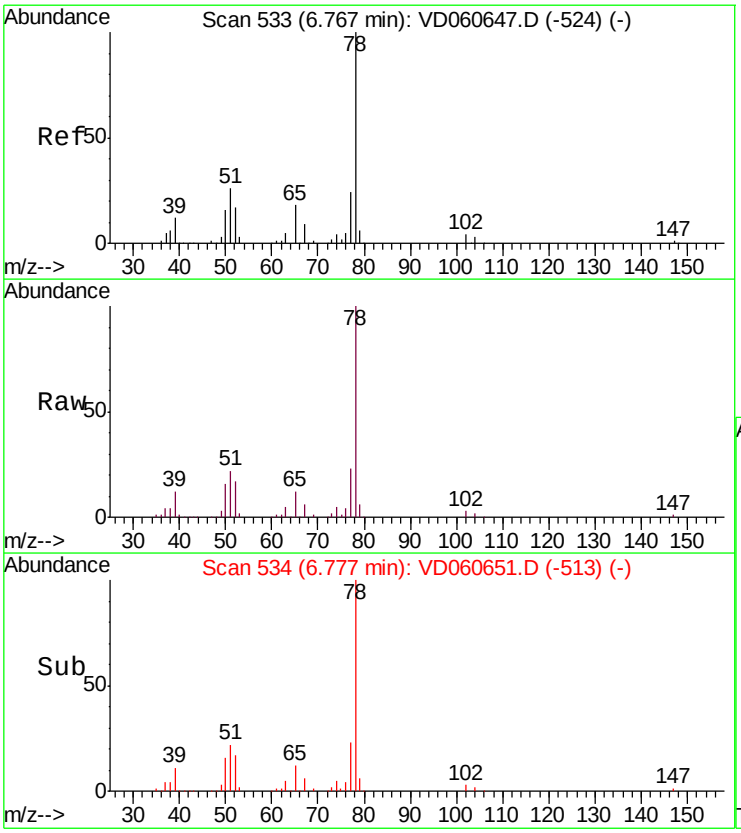

#39
Methylcyclohexane
Concen: 51.874 ug/l
RT: 8.02 min Scan# 660
Delta R.T. -0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 83 Resp: 262984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 89.6 | 69.0 | 103.6 |
| 98 | 44.0 | 37.0 | 55.4 |

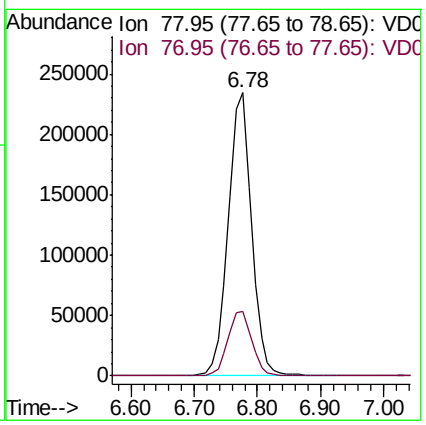


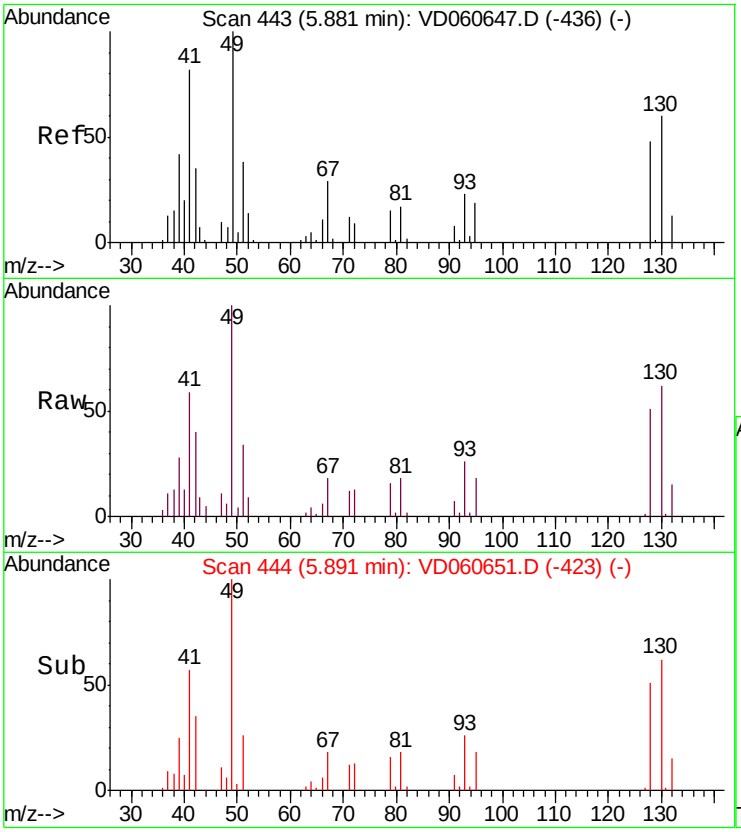




#40
Benzene
Concen: 48.483 ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 78 Resp: 596943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.7 | 19.0 | 28.6 |



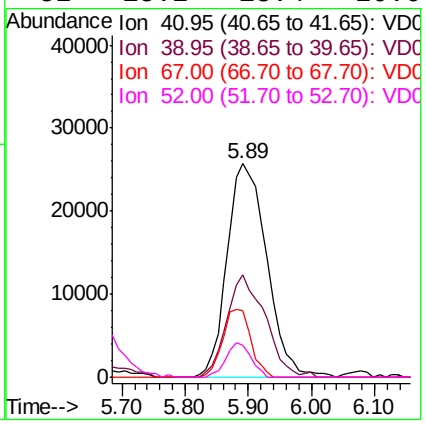


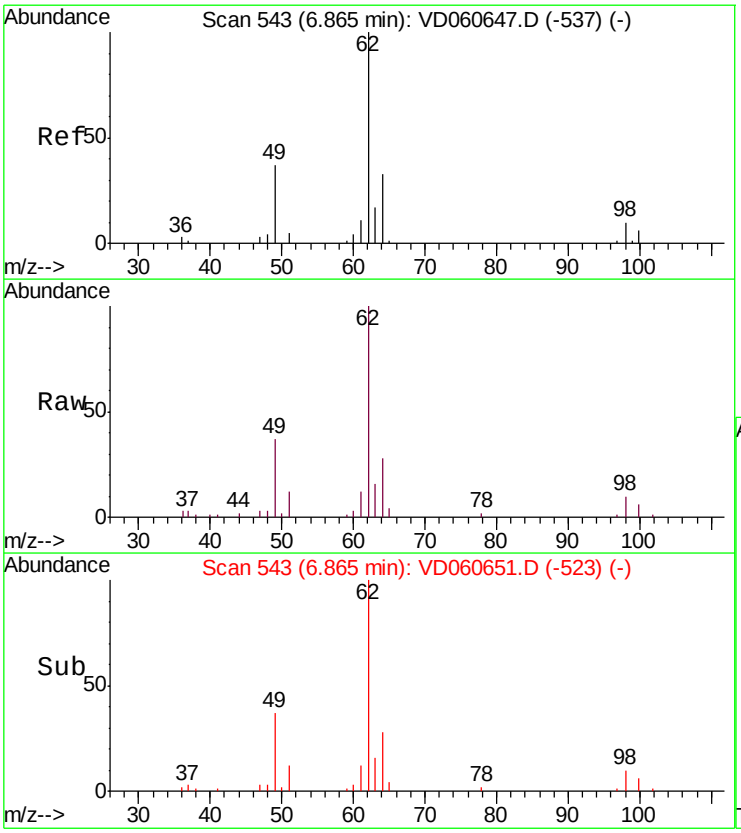

#41
Methacrylonitrile
Concen: 97.247 ug/l
RT: 5.89 min Scan# 444
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 41 Resp: 112227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 47.7 | 41.0 | 61.6 |
| 67 | 30.9 | 28.2 | 42.4 |
| 52 | 15.2 | 13.4 | 20.0 |

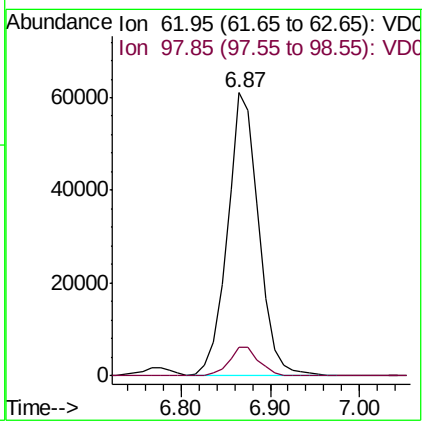


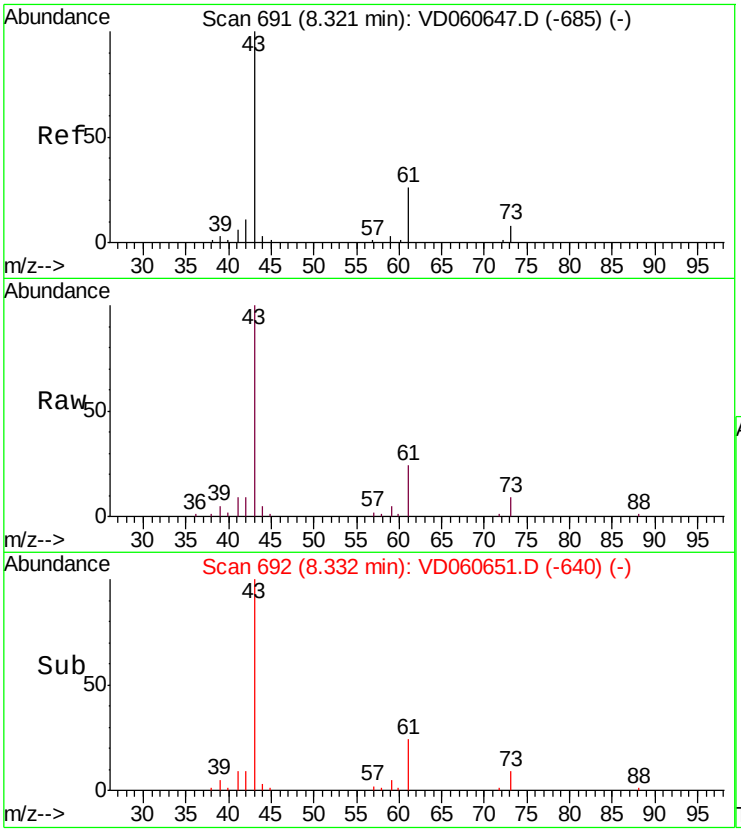




#42
1,2-Dichloroethane
Concen: 49.118 ug/l
RT: 6.87 min Scan# 543
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 62 Resp: 149048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.0 | 0.0 | 19.0 |



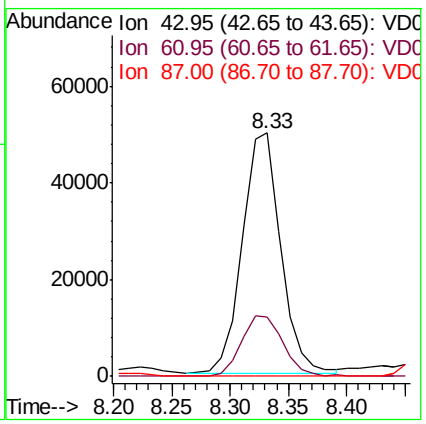


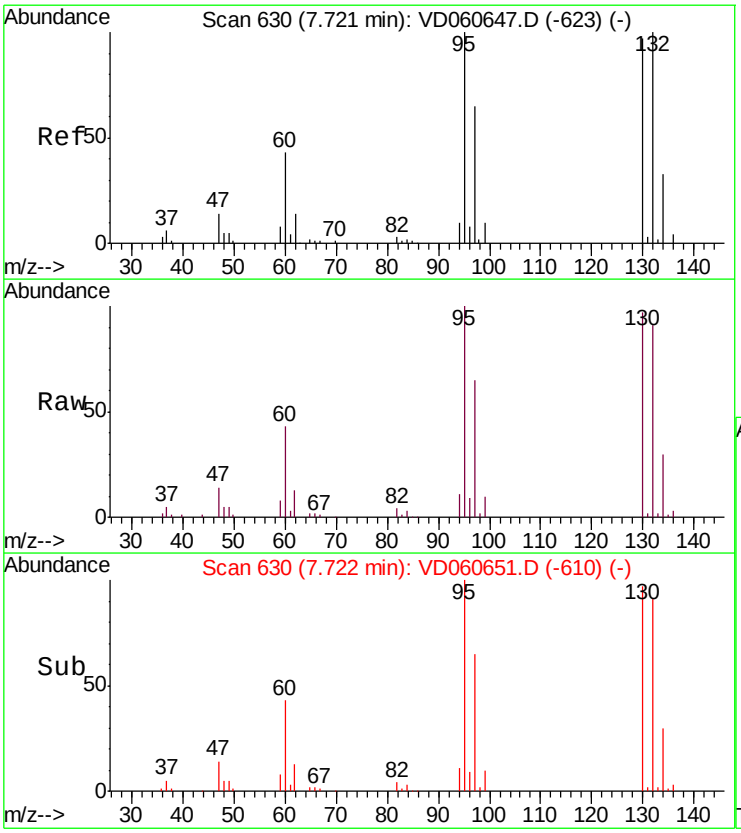

#43
Isopropyl Acetate
Concen: 53.331 ug/l
RT: 8.33 min Scan# 692
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 43 Resp: 114718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 24.1 | 20.4 | 30.6 |
| 87 | 0.0 | 0.0 | 0.0 |

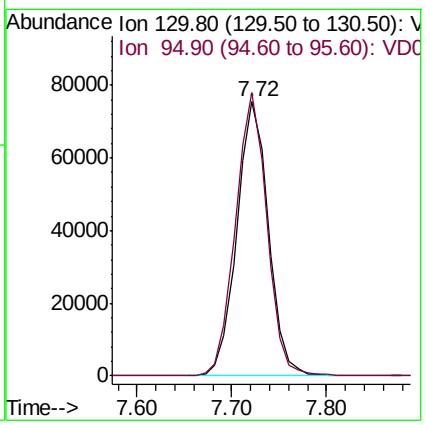


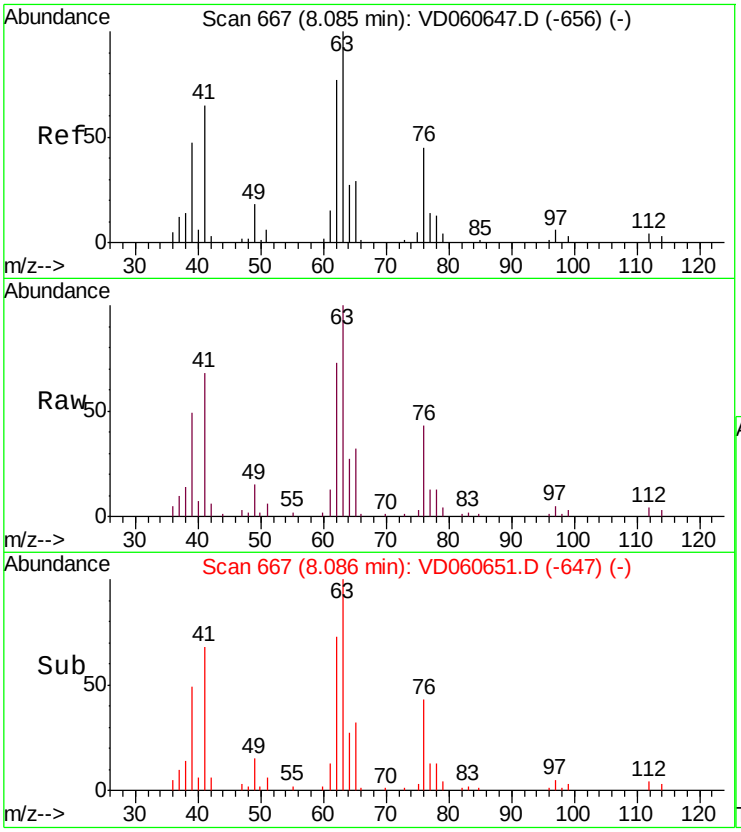




#44
Trichloroethene
Concen: 49.263 ug/l
RT: 7.72 min Scan# 630
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:130 Resp: 174151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.2 | 0.0 | 206.2 |



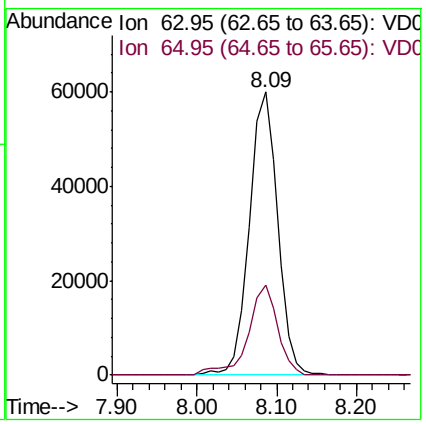


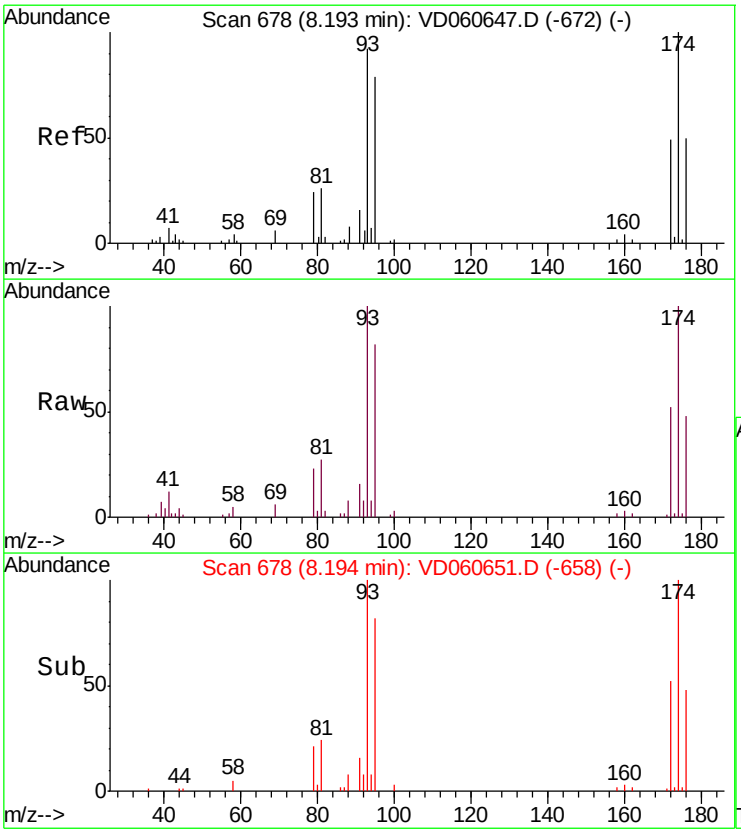

#45
1,2-Dichloropropane
Concen: 49.194 ug/l
RT: 8.09 min Scan# 667
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 63 Resp: 145996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.0 | 23.5 | 35.3 |

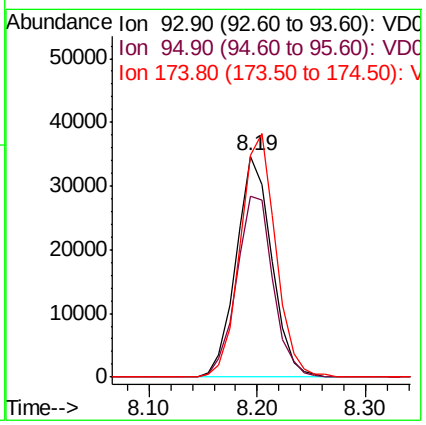


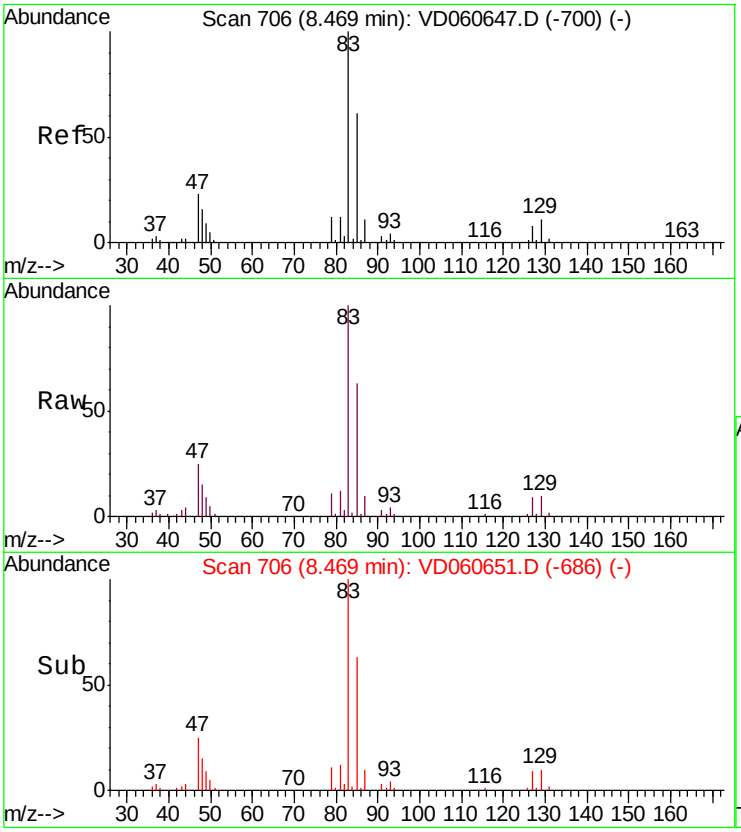




#46
Dibromomethane
Concen: 48.560 ug/l
RT: 8.19 min Scan# 678
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 93 Resp: 78662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.1 | 68.4 | 102.6 |
| 174 | 100.3 | 87.1 | 130.7 |



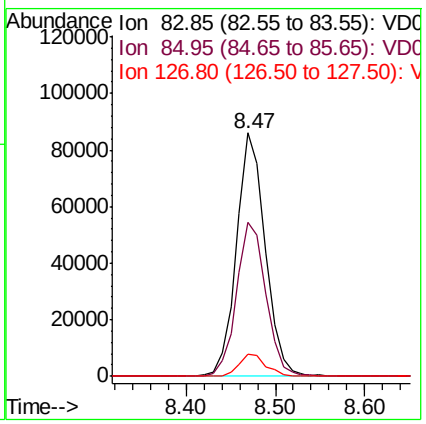


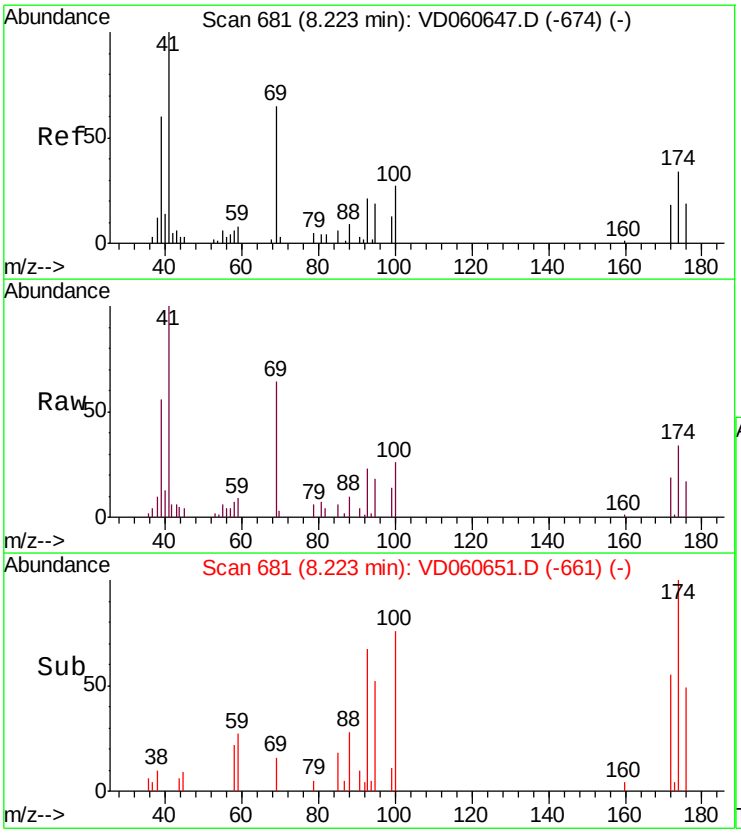

#47
Bromodichloromethane
Concen: 49.379 ug/l
RT: 8.47 min Scan# 706
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 83 Resp: 191980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.0 | 48.9 | 73.3 |
| 127 | 9.0 | 6.4 | 9.6 |

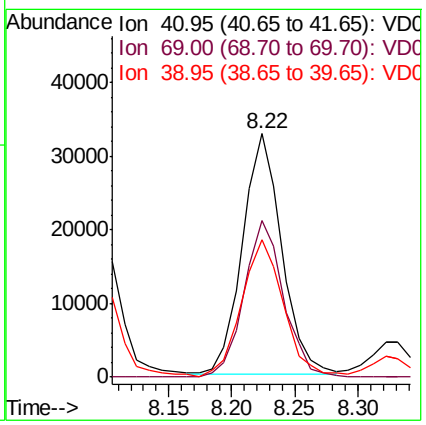


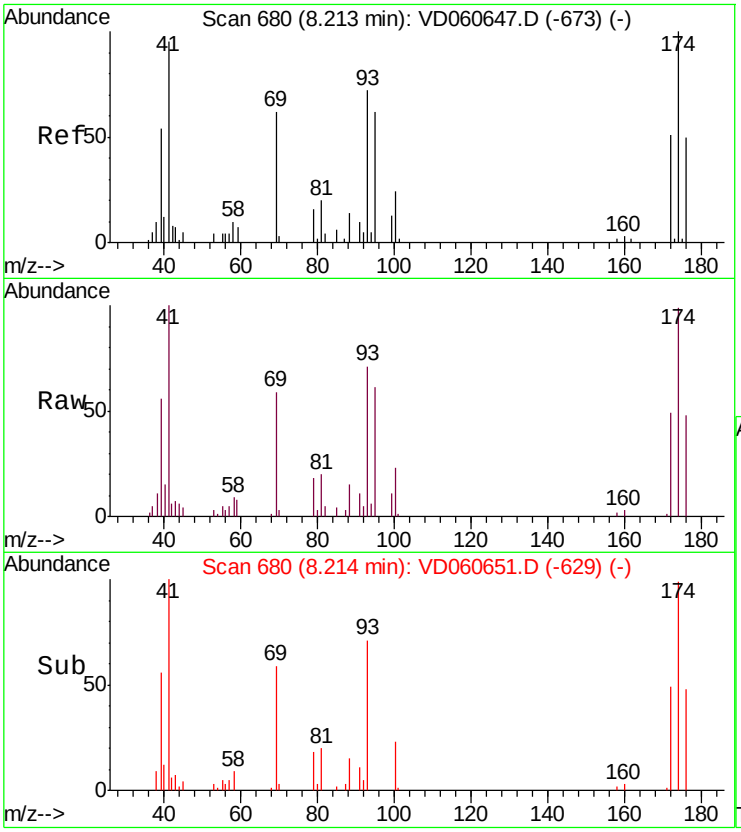




#48
Methyl methacrylate
Concen: 50.459 ug/l
RT: 8.22 min Scan# 681
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 41 Resp: 70361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 64.3 | 50.6 | 76.0 |
| 39 | 56.3 | 48.2 | 72.4 |



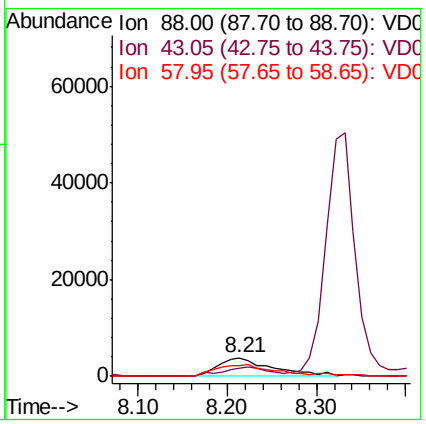


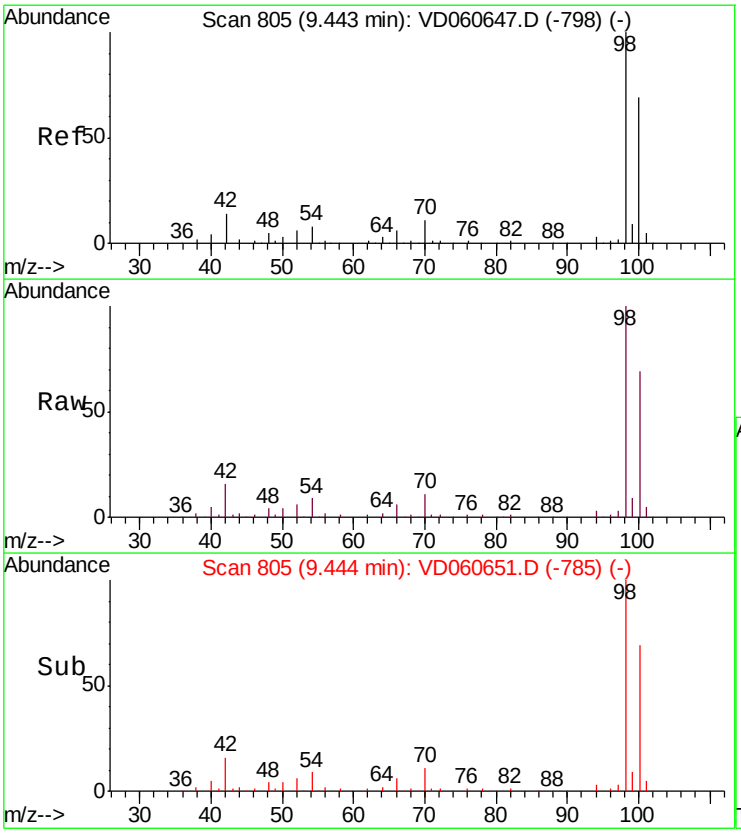

#49
1,4-Dioxane
Concen: 1074.271 ug/l
RT: 8.21 min  Scan# 680
Delta R.T.  0.00 min
Lab File:  VD060651.D
Acq: 19 Dec 2018  21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 88 Resp:  16339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 47.2 | 41.3 | 61.9 |
| 58 | 59.1 | 56.6 | 84.8 |

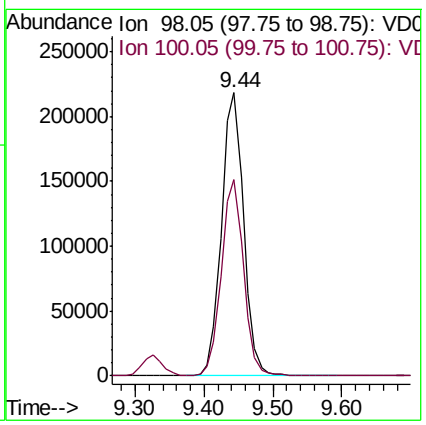


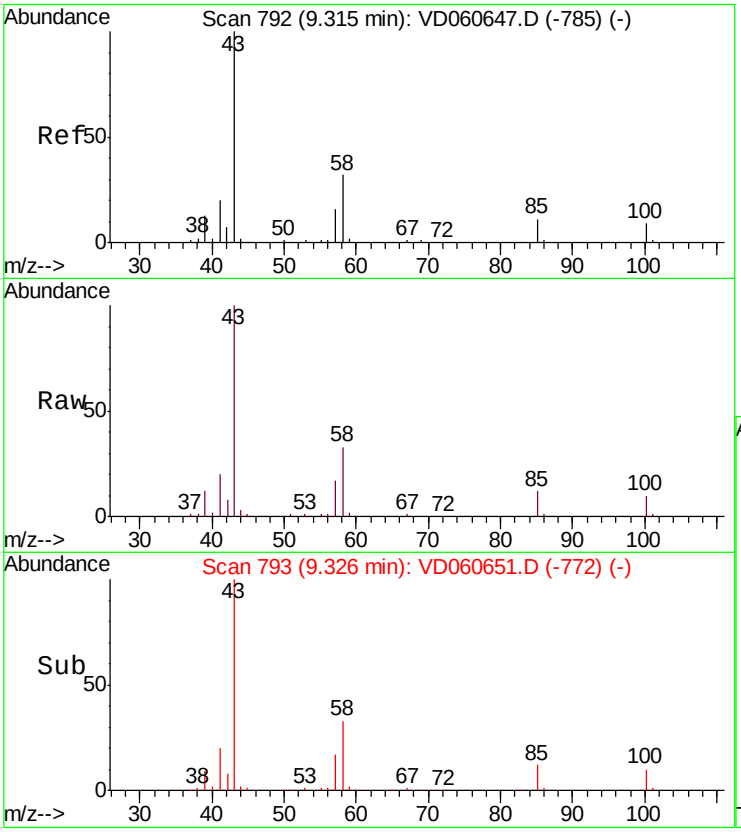




#50
Toluene-d8
Concen: 1074.271 ug/l
RT: 9.44 min  Scan# 805
Delta R.T.  0.00 min
Lab File:  VD060651.D
Acq: 19 Dec 2018  21:52

Tgt Ion: 98 Resp:  485411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 69.4 | 55.1 | 82.7 |



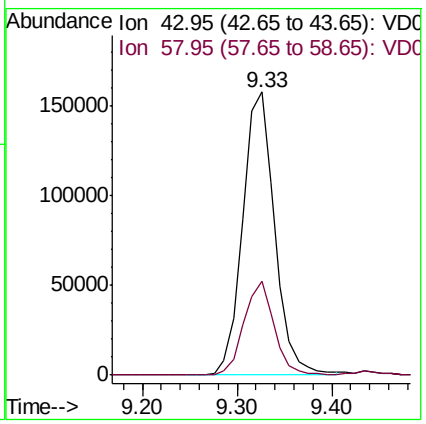


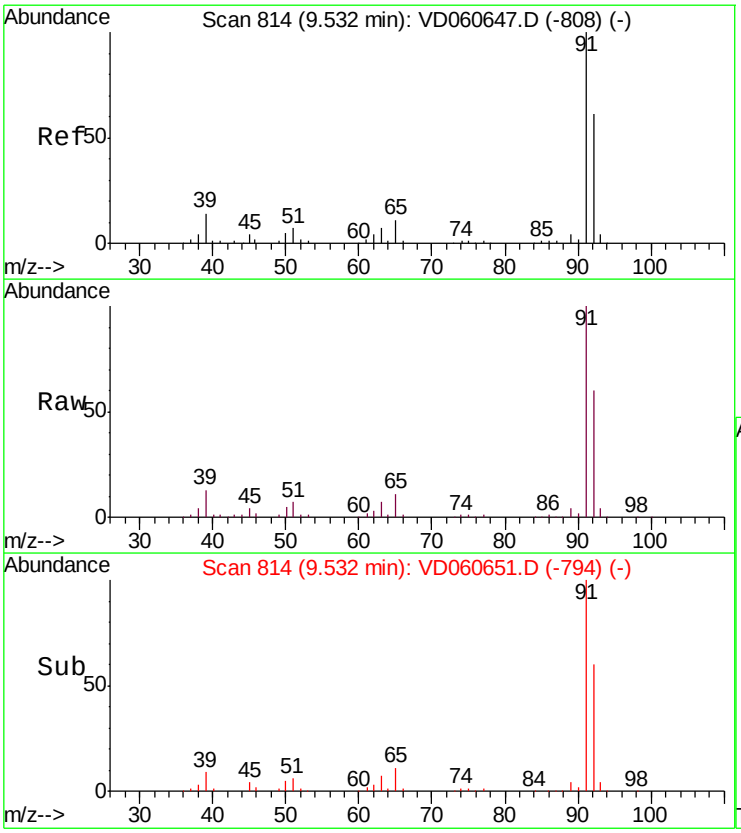

#51
4-Methyl-2-Pentanone
Concen: 254.830 ug/l
RT: 9.33 min Scan# 793
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 43 Resp: 369681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.2 | 25.5 | 38.3 |

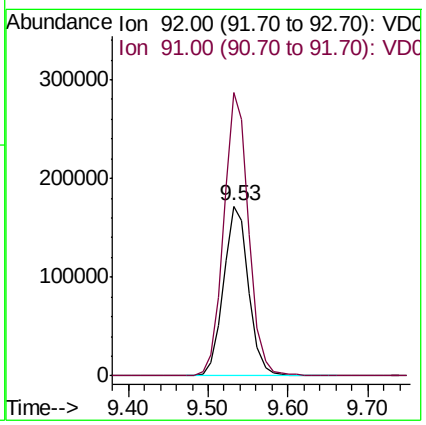


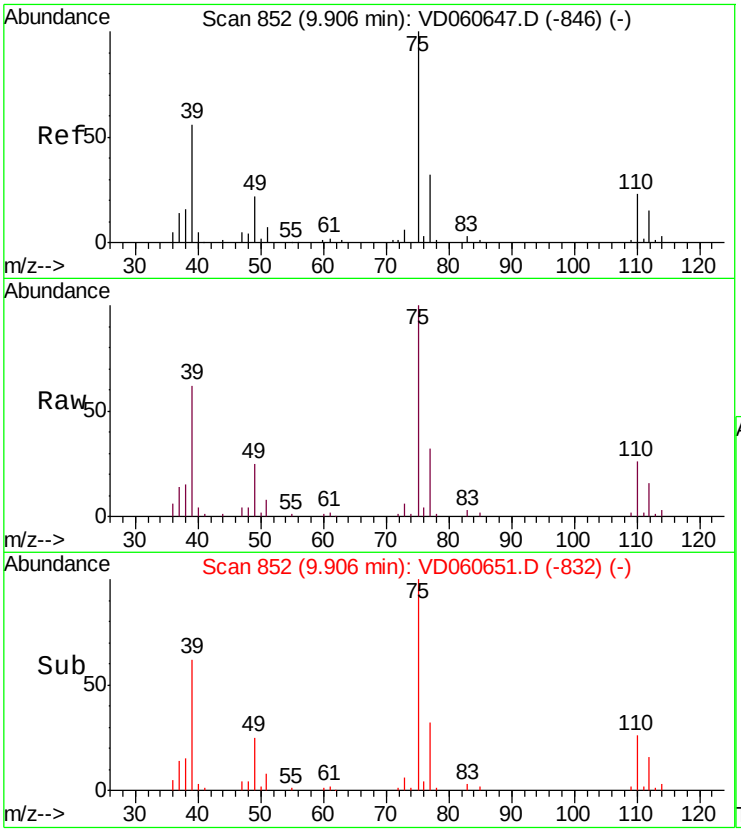




#52
Toluene
Concen: 50.436 ug/l
RT: 9.53 min Scan# 814
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 92 Resp: 378599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 166.6 | 131.9 | 197.9 |



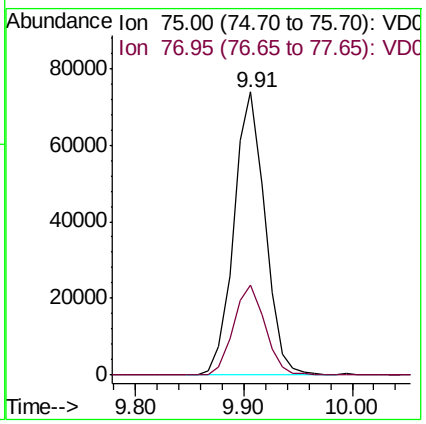


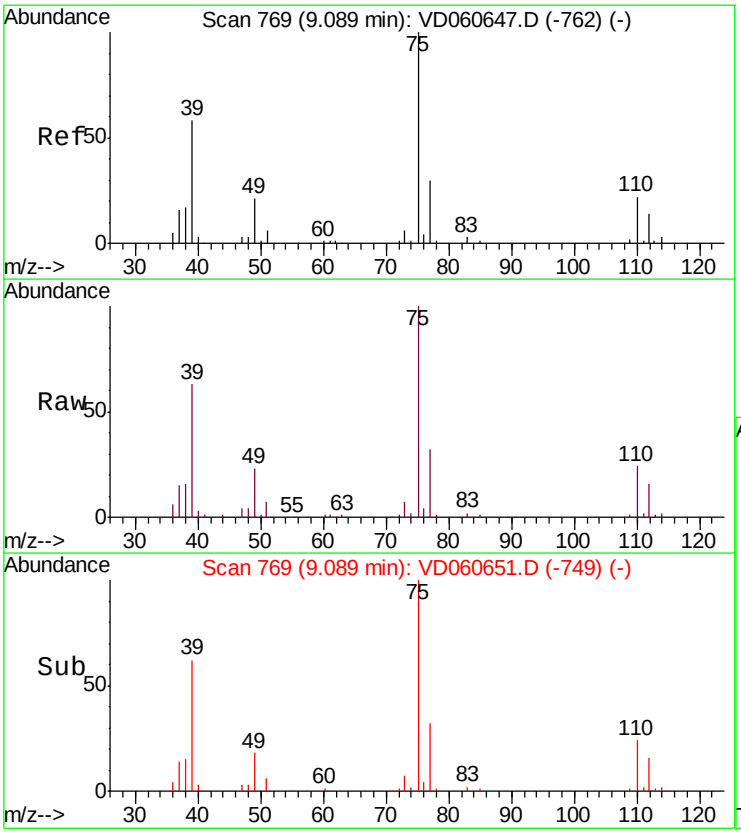

#53
t-1,3-Dichloropropene
Concen: 47.172 ug/l
RT: 9.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 75 Resp: 147274

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

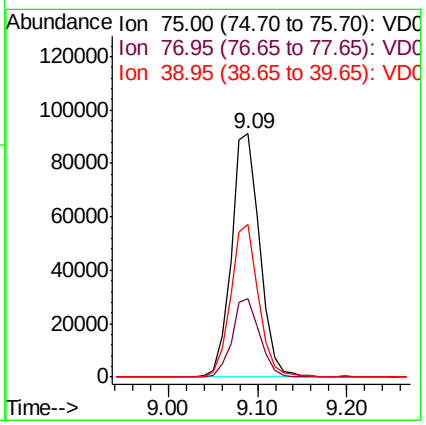


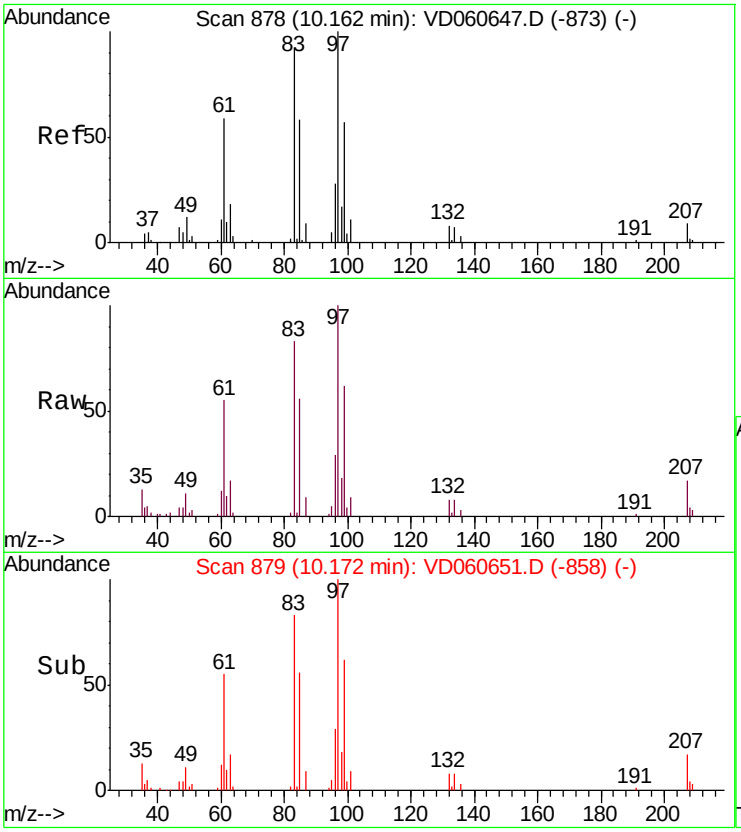




#54
cis-1,3-Dichloropropene
Concen: 51.501 ug/l
RT: 9.09 min Scan# 769
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 75 Resp: 201963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 24.2 | 36.4 |
| 39 | 63.0 | 46.6 | 70.0 |



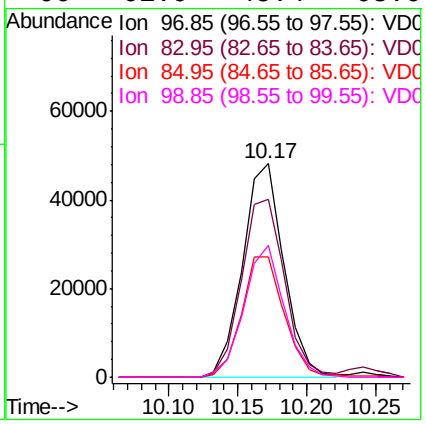


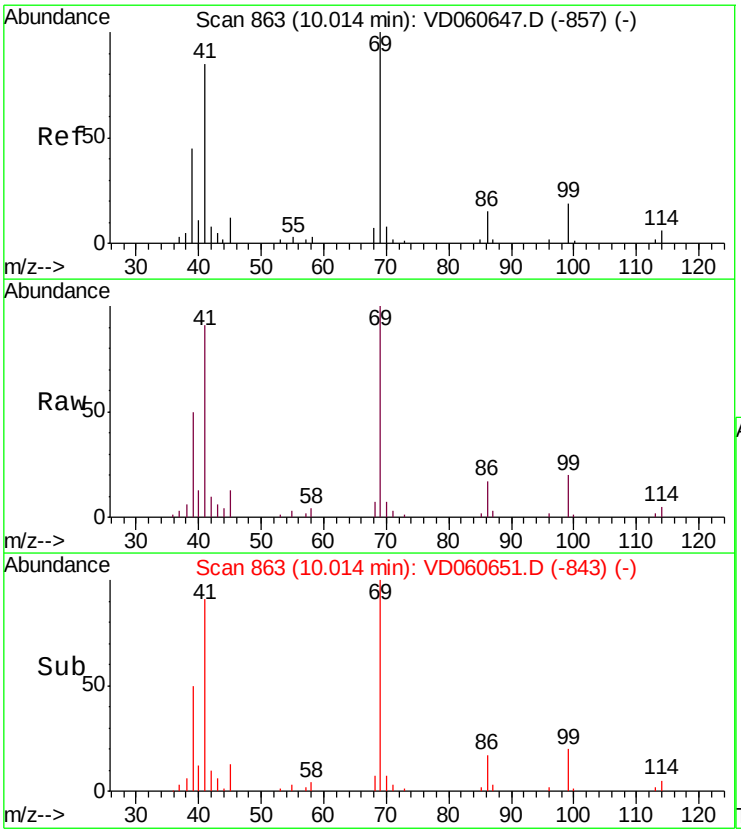

#55
1,1,2-Trichloroethane
Concen: 49.979 ug/l
RT: 10.17 min Scan# 879
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 97 Resp: 100731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.4 | 74.0 | 111.0 |
| 85 | 56.1 | 46.3 | 69.5 |
| 99 | 61.9 | 45.4 | 68.0 |

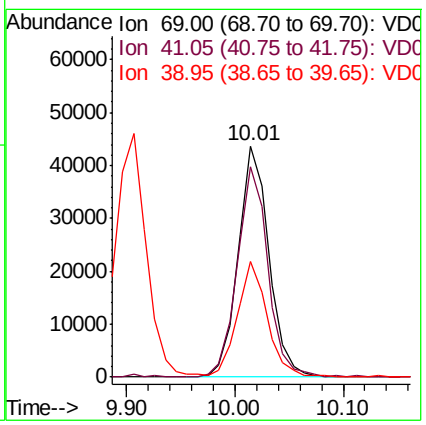


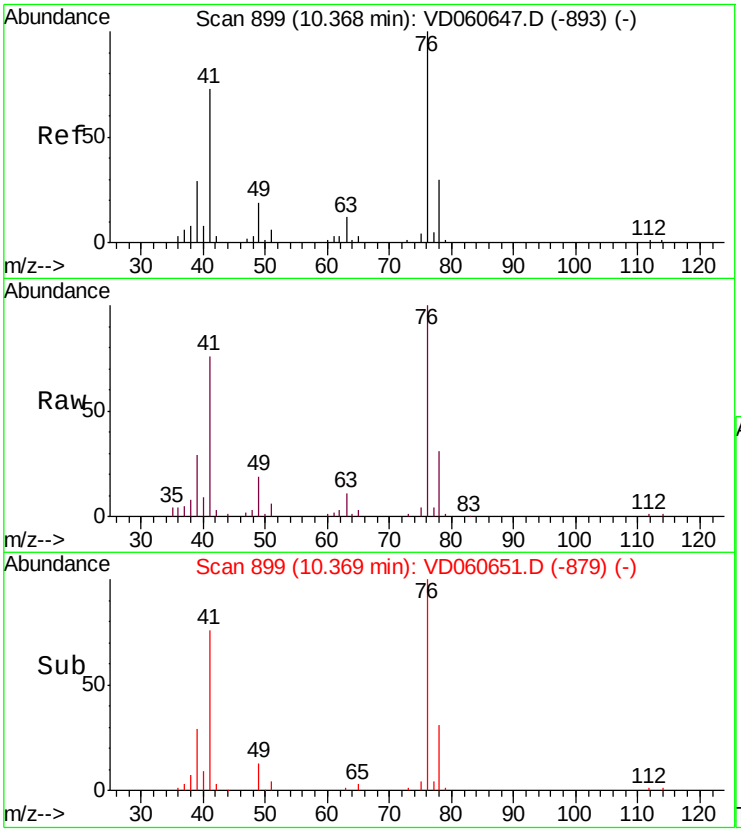




#56
Ethyl methacrylate
Concen: 47.854 ug/l
RT: 10.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 69 Resp: 86204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 91.2 | 68.3 | 102.5 |
| 39 | 50.3 | 36.6 | 54.8 |



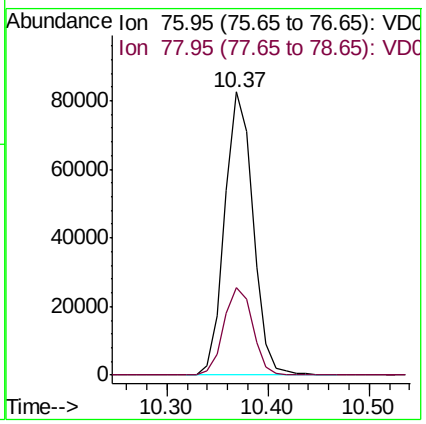


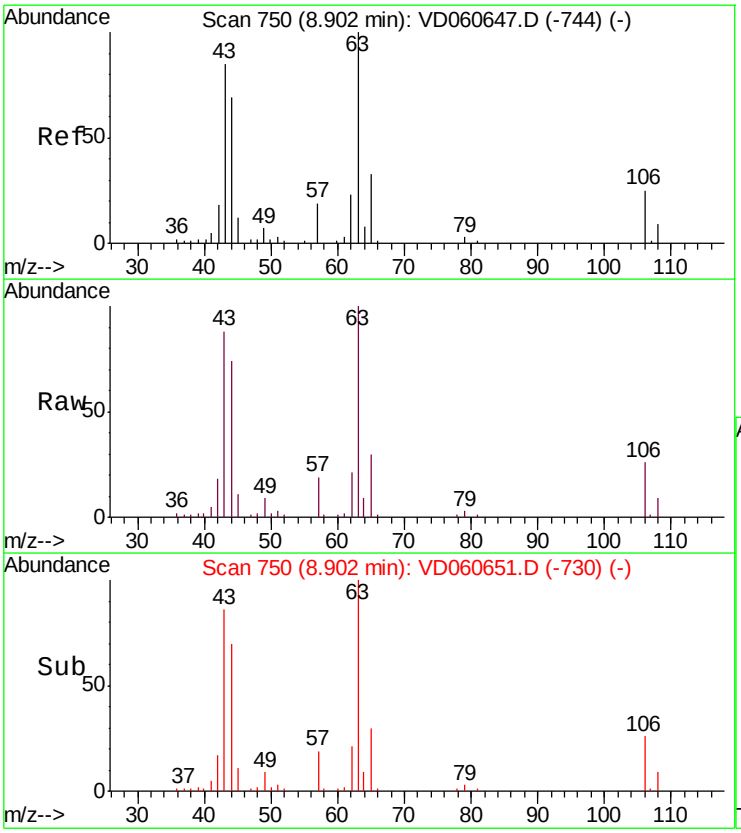

#57
1,3-Dichloropropane
Concen: 48.707 ug/l
RT: 10.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 76 Resp: 161124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 30.8 | 24.0 | 36.0 |

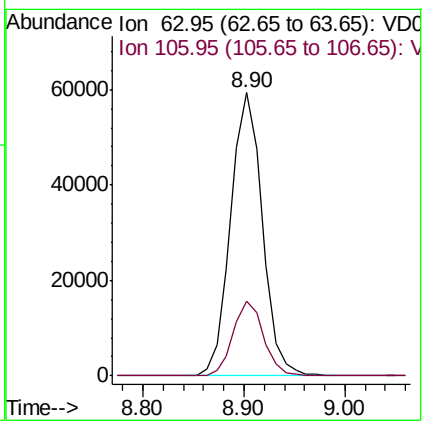


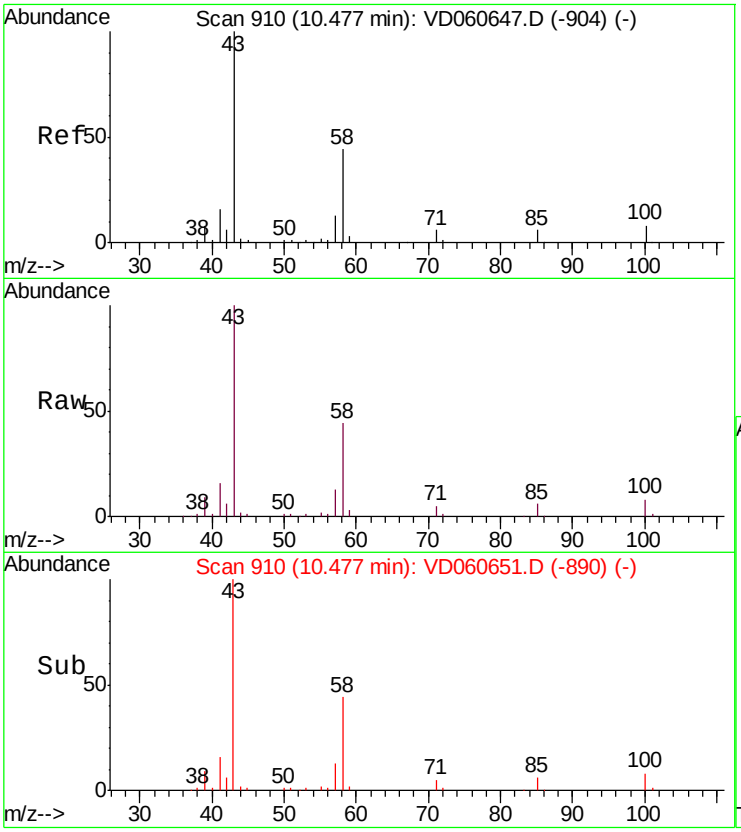




#58
2-Chloroethyl Vinyl ether
Concen: 222.169 ug/l
RT: 8.90 min Scan# 750
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 63 Resp: 129742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.4 | 20.2 | 30.2 |



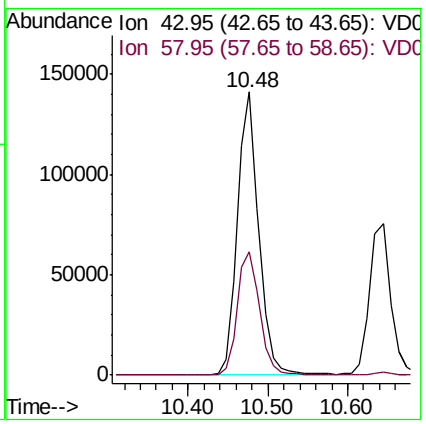


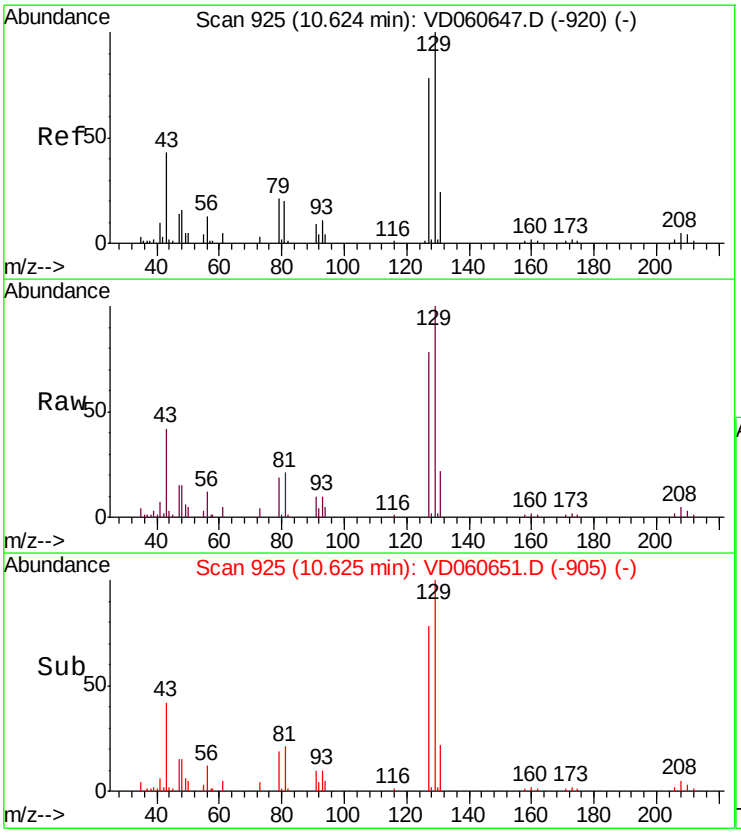

#59
2-Hexanone
Concen: 259.141 ug/l
RT: 10.48 min Scan# 910
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 43 Resp: 262576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.6 | 22.3 | 66.8 |

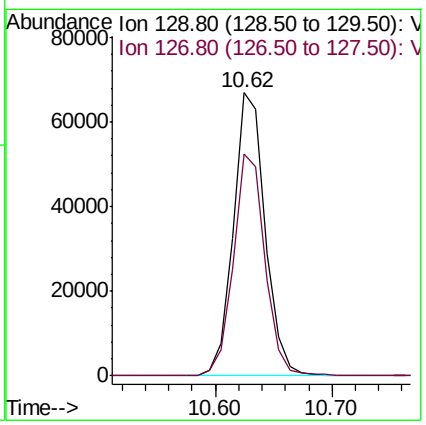


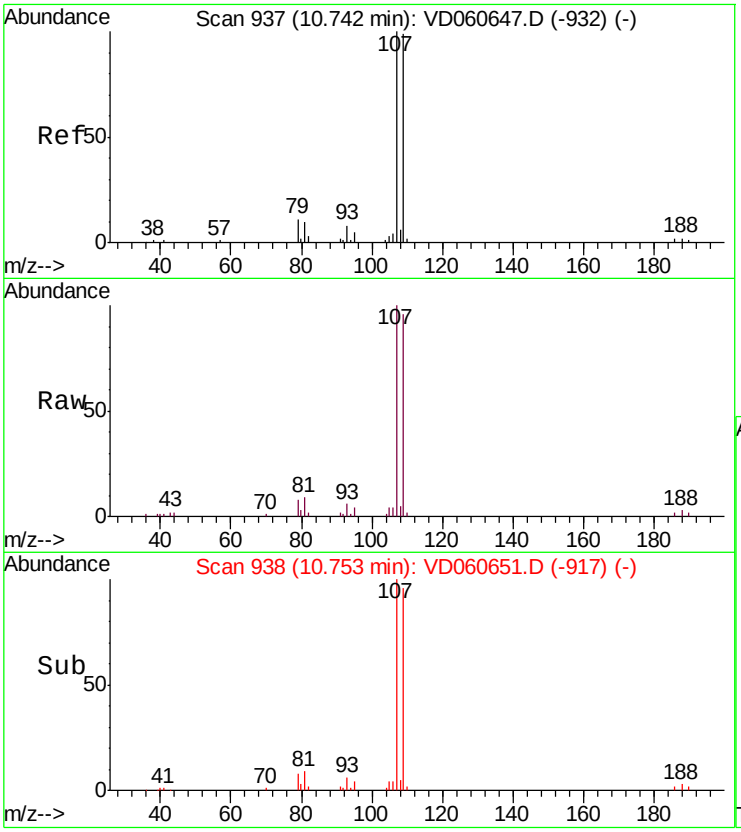




#60
Dibromochloromethane
Concen: 48.298 ug/l
RT: 10.62 min Scan# 925
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:129 Resp: 125369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.5 | 39.0 | 117.0 |



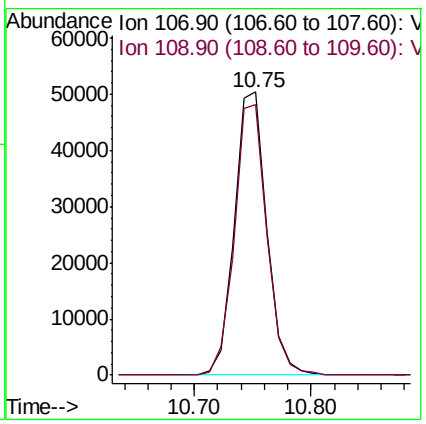


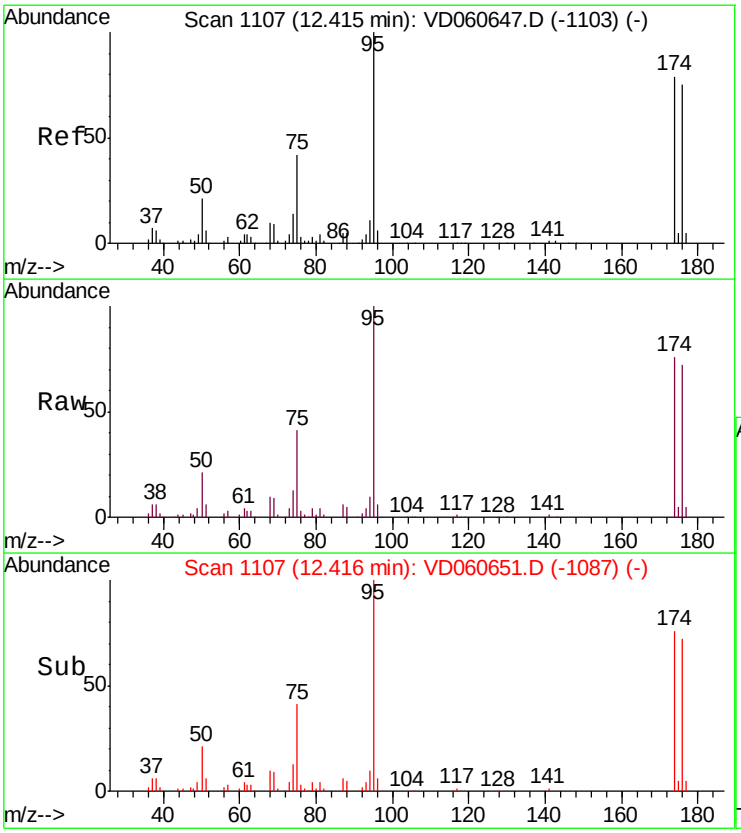

#61
1,2-Dibromoethane
Concen: 48.777 ug/l
RT: 10.75 min Scan# 938
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:107 Resp: 96251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.5 | 79.4 | 119.0 |

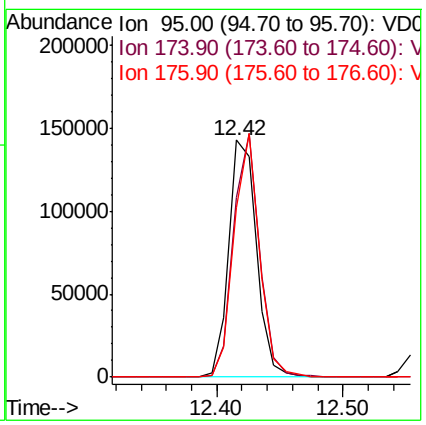


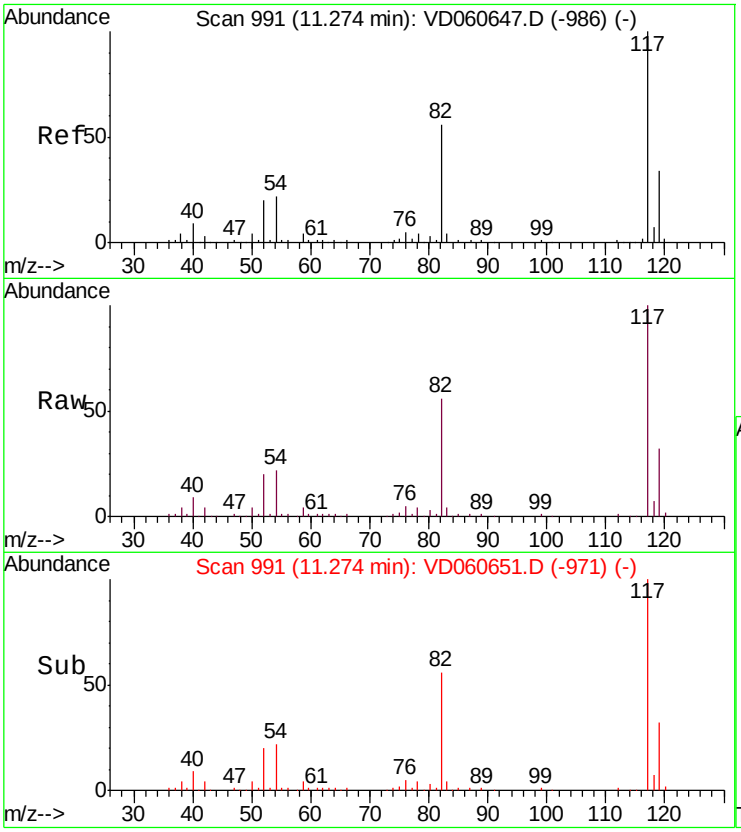




#62
4-Bromofluorobenzene
Concen: 48.777 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 95 Resp: 215926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.9 | 0.0 | 158.2 |
| 176 | 71.8 | 0.0 | 150.2 |



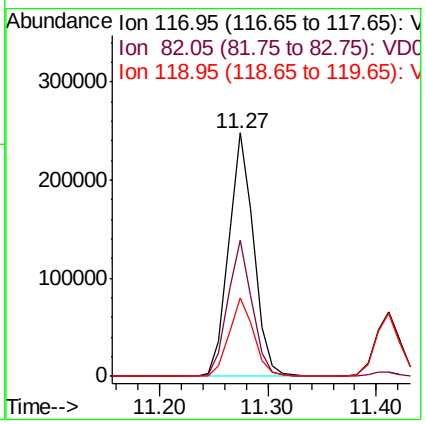


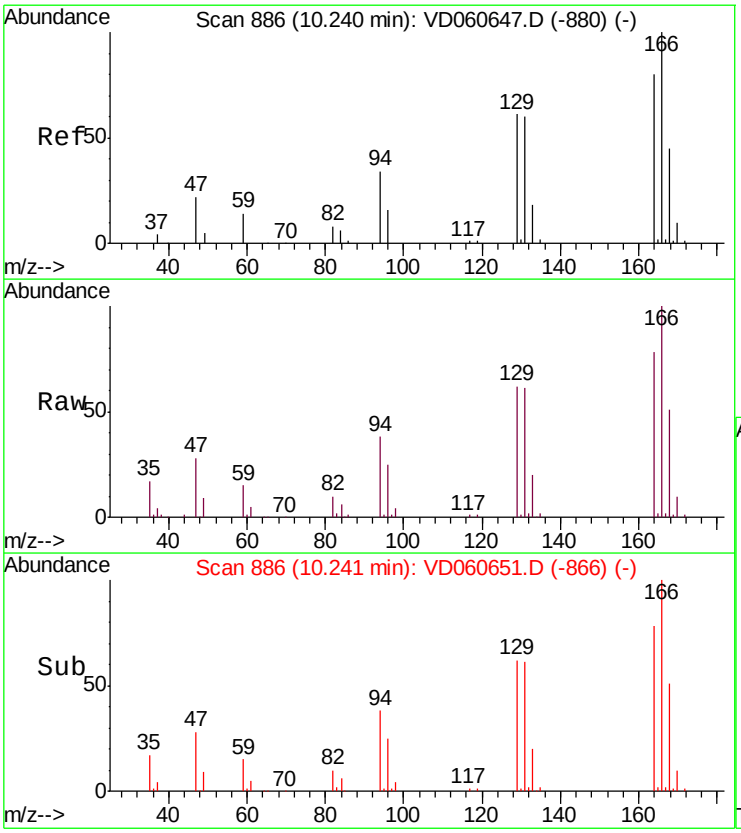

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:117 Resp: 397646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.8 | 44.6 | 67.0 |
| 119 | 32.4 | 27.0 | 40.4 |

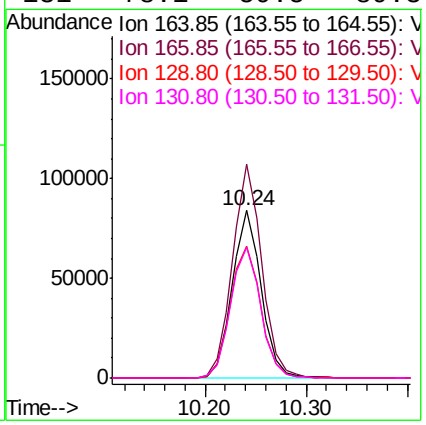


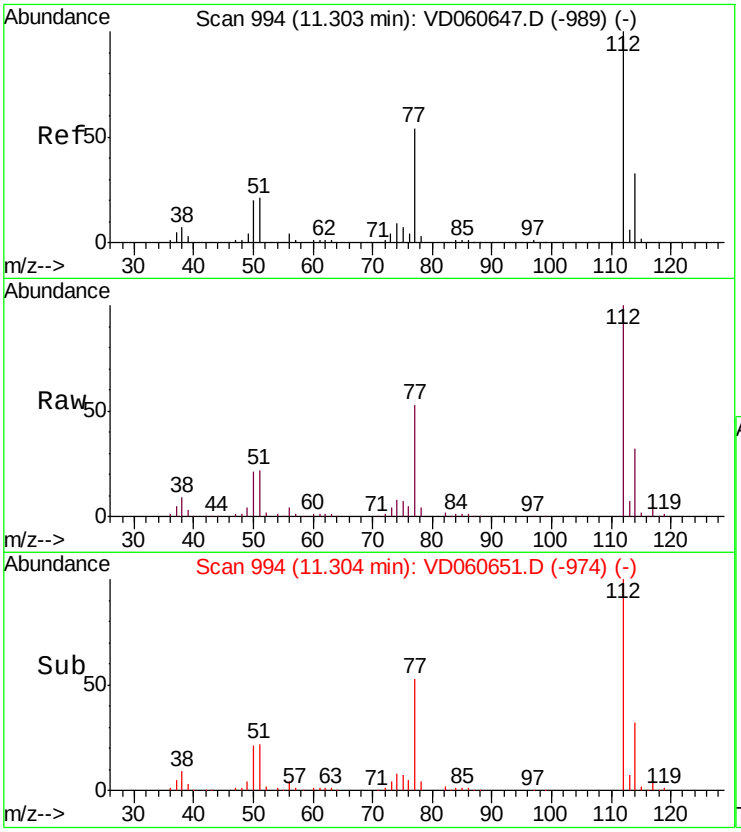




#64
Tetrachloroethene
Concen: 49.463 ug/l
RT: 10.24 min Scan# 886
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:164 Resp: 167011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.5 | 100.0 | 150.0 |
| 129 | 78.7 | 60.6 | 90.8 |
| 131 | 78.1 | 59.5 | 89.3 |



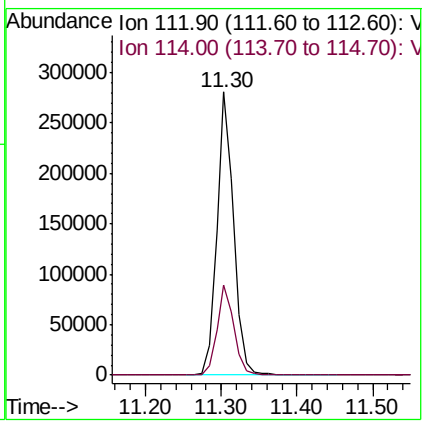


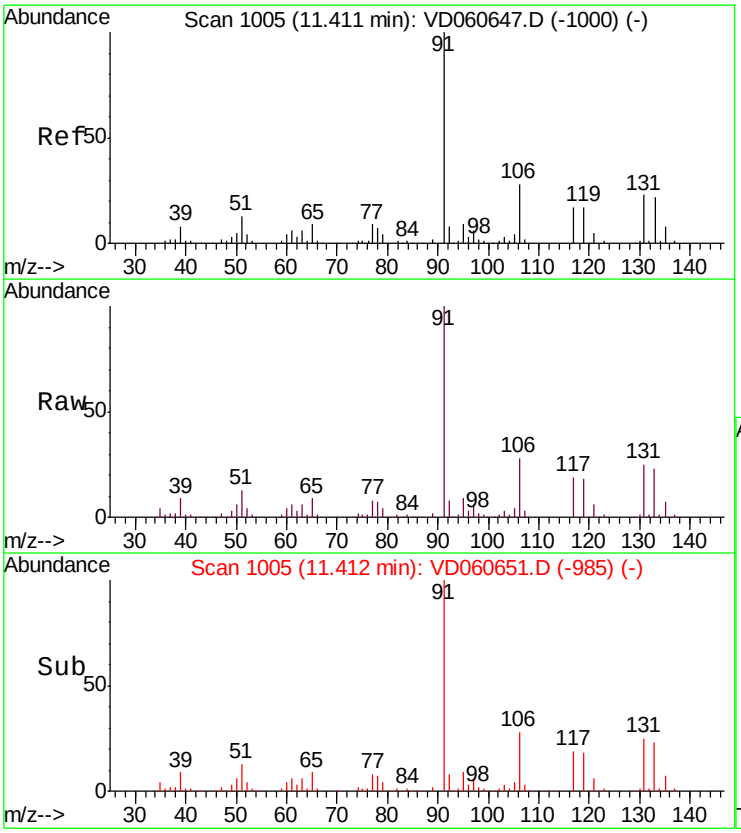

#65
Chlorobenzene
Concen: 49.944 ug/l
RT: 11.30 min Scan# 994
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:112 Resp: 432823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.8 | 26.6 | 40.0 |

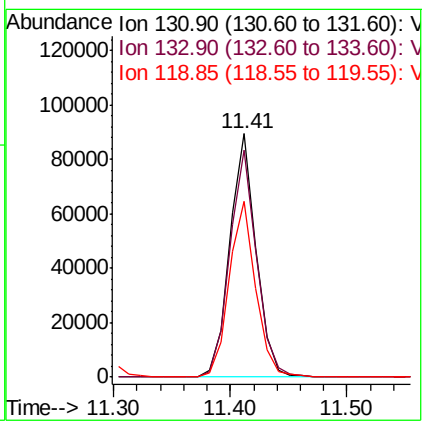


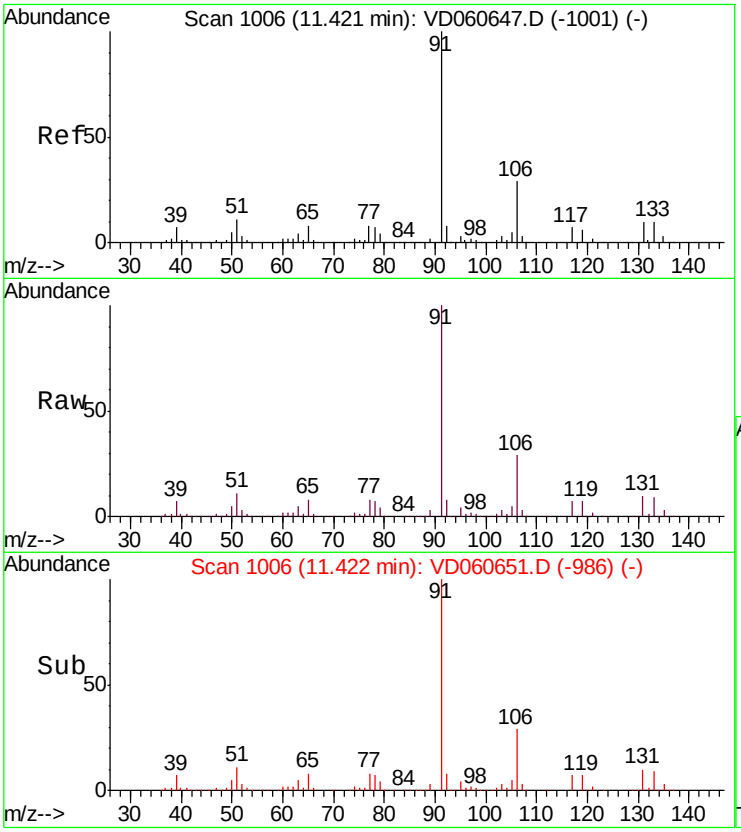




#66
1,1,1,2-Tetrachloroethane
Concen: 48.969 ug/l
RT: 11.41 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:131 Resp: 139214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.4 | 49.4 | 148.2 |
| 119 | 72.3 | 36.9 | 110.6 |



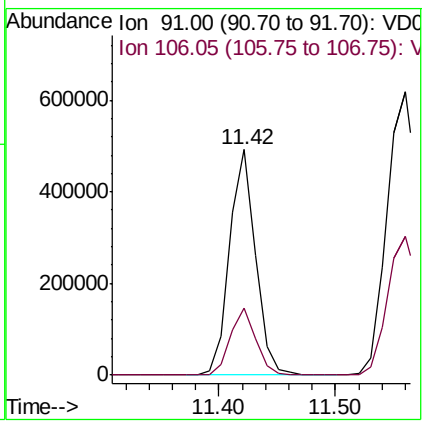


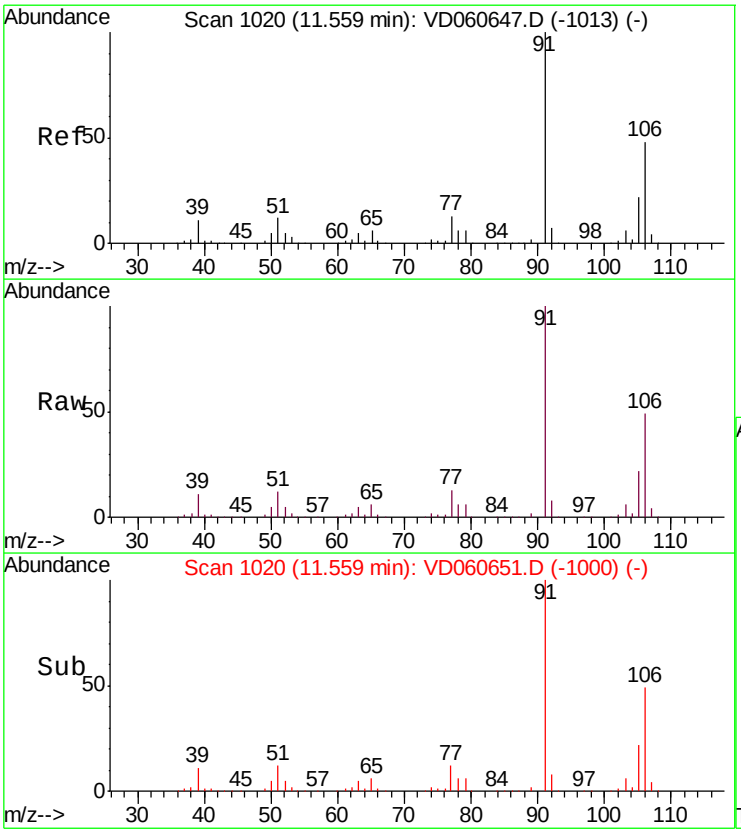

#67
Ethyl Benzene
Concen: 50.800 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 91 Resp: 761527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.5 | 23.5 | 35.3 |

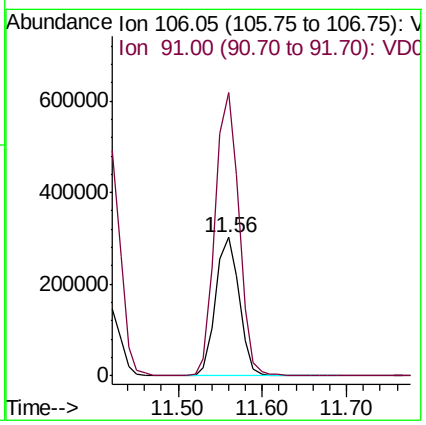


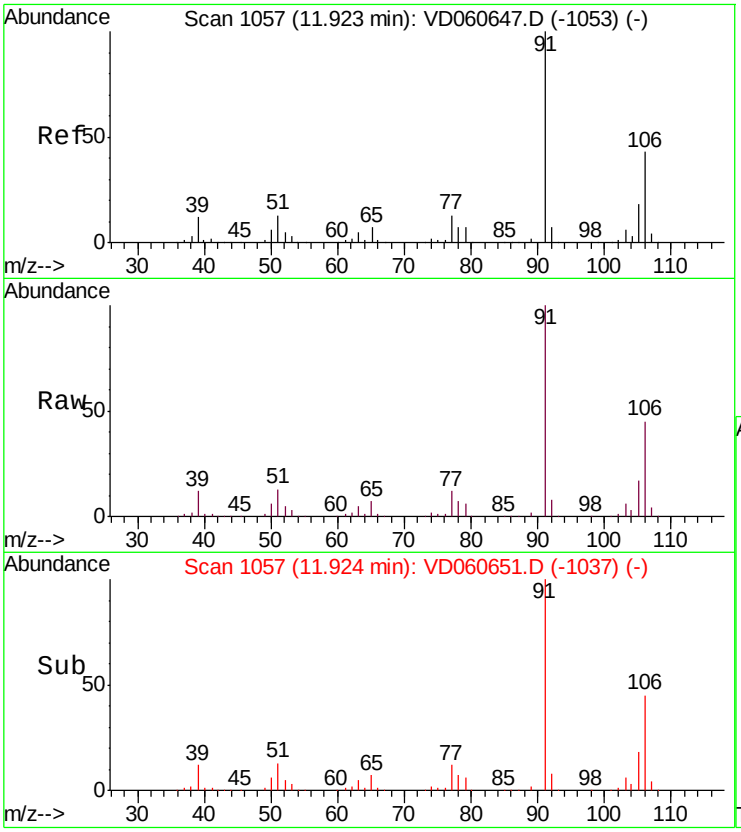




#68
m/p-Xylenes
Concen: 104.310 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:106 Resp: 589640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.1 | 167.6 | 251.4 |



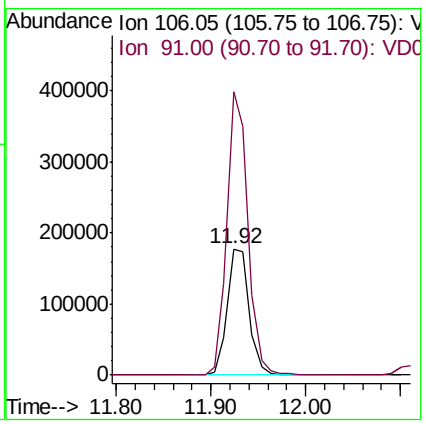


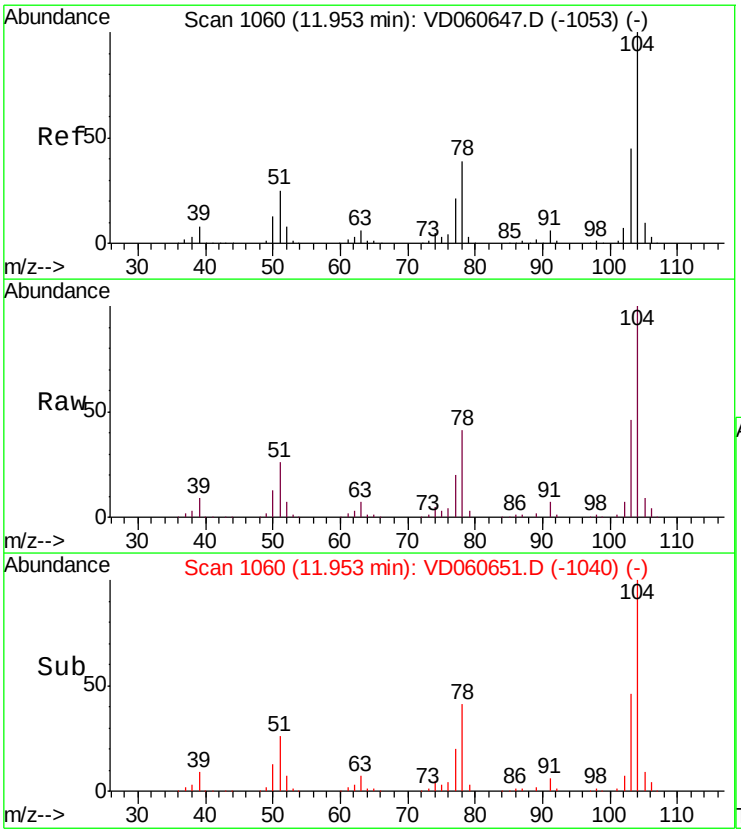

#69
o-Xylene
Concen: 54.076 ug/l
RT: 11.92 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:106 Resp: 286227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.7 | 115.4 | 346.2 |

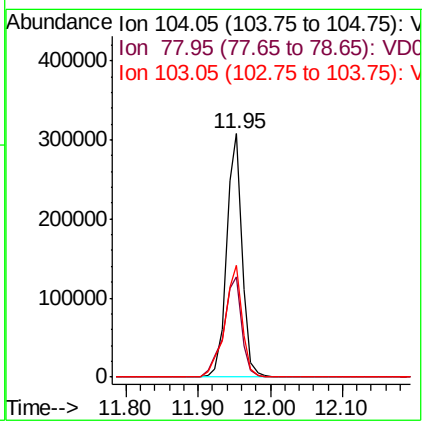


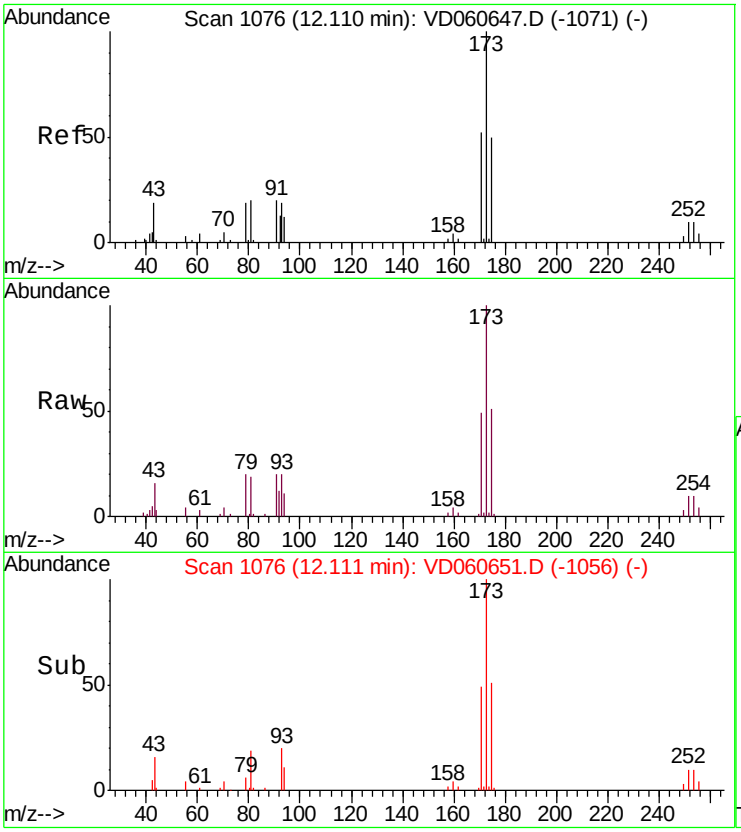




#70
Styrene
Concen: 52.032 ug/l
RT: 11.95 min Scan# 1060
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:104 Resp: 455260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 41.3 | 31.0 | 46.4 |
| 103 | 45.8 | 36.3 | 54.5 |



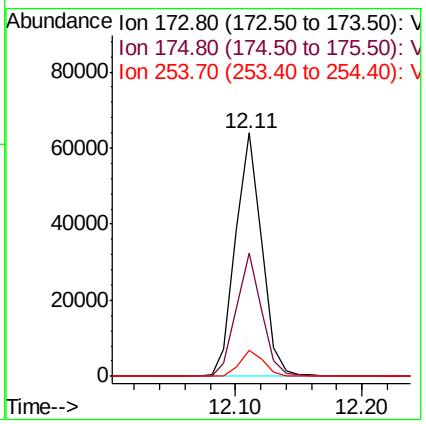


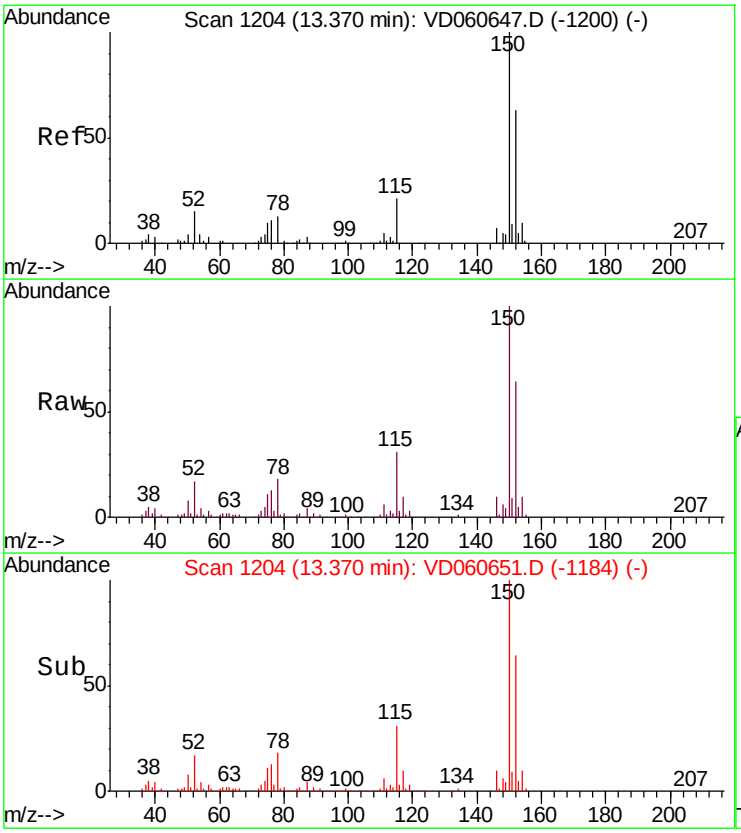

#71
Bromoform
Concen: 51.584 ug/l
RT: 12.11 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:173 Resp: 91755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.6 | 24.9 | 74.6 |
| 254 | 10.5 | 8.0 | 12.0 |

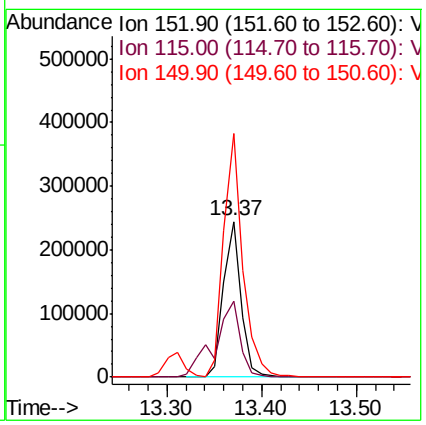


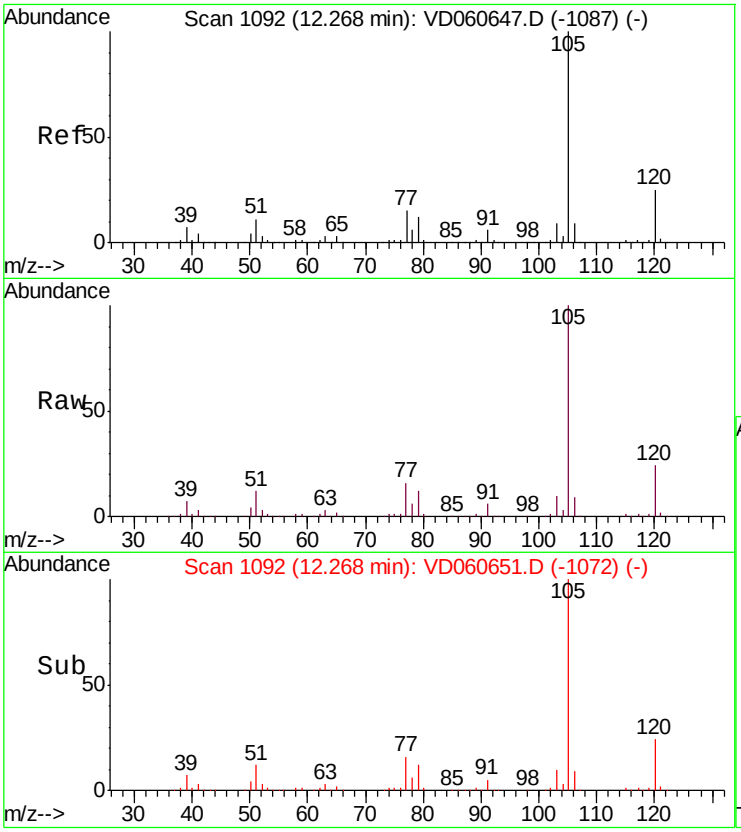




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:152 Resp: 311925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 48.9 | 24.3 | 72.9 |
| 150 | 156.7 | 0.0 | 320.0 |



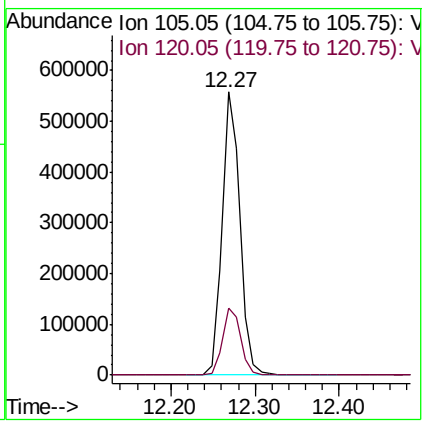


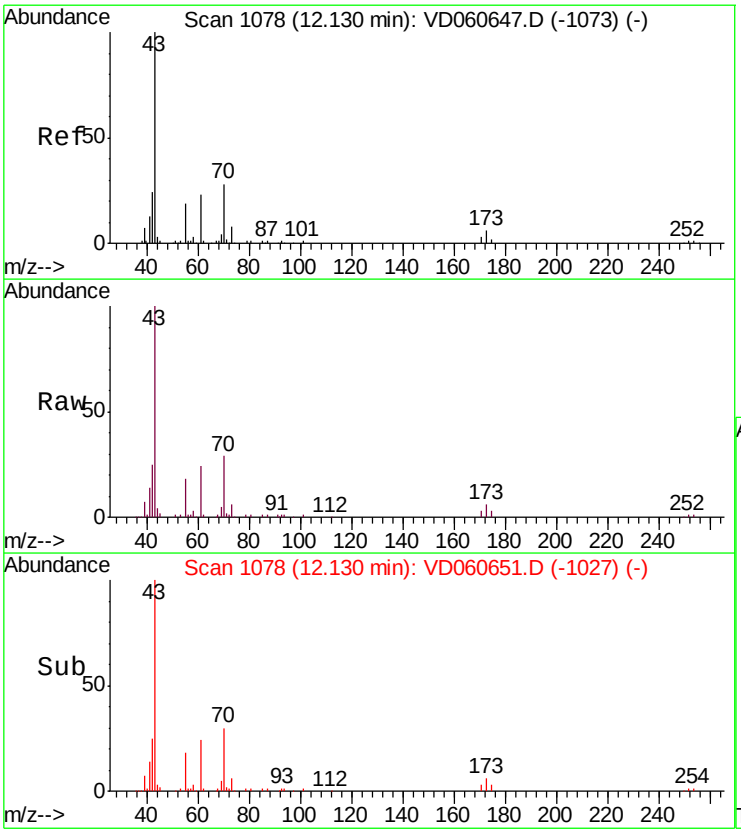

#73
Isopropylbenzene
Concen: 53.483 ug/l
RT: 12.27 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:105 Resp: 812906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 23.6 | 12.4 | 37.0 |

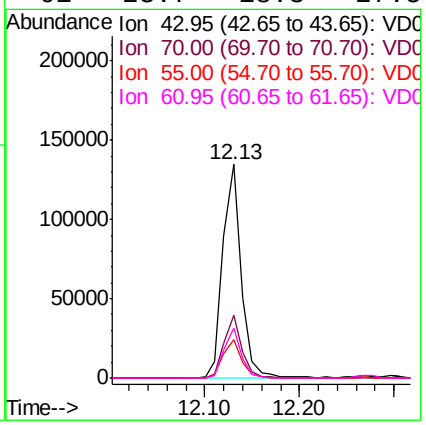


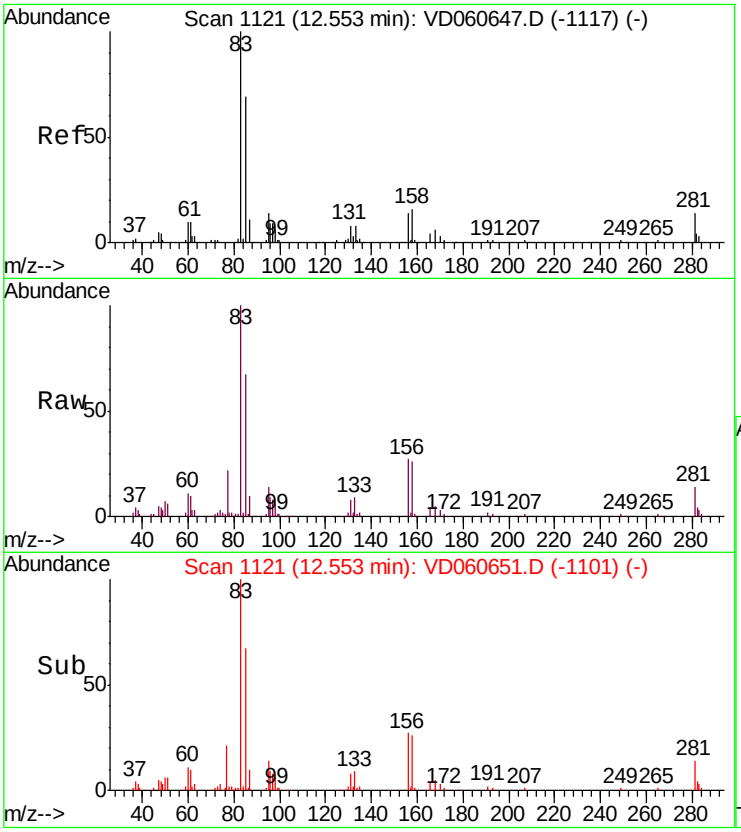




#74
N-amyl acetate
Concen: 51.056 ug/l
RT: 12.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 43 Resp: 179972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 29.5 | 22.8 | 34.2 |
| 55 | 17.7 | 14.8 | 22.2 |
| 61 | 23.7 | 18.3 | 27.5 |



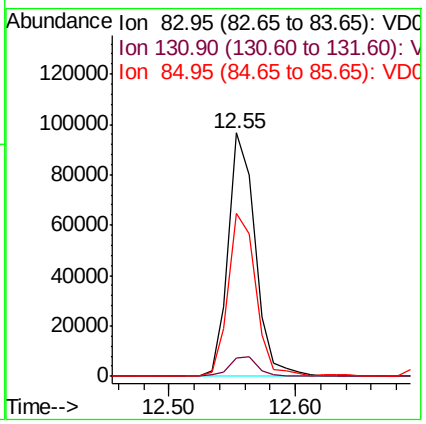


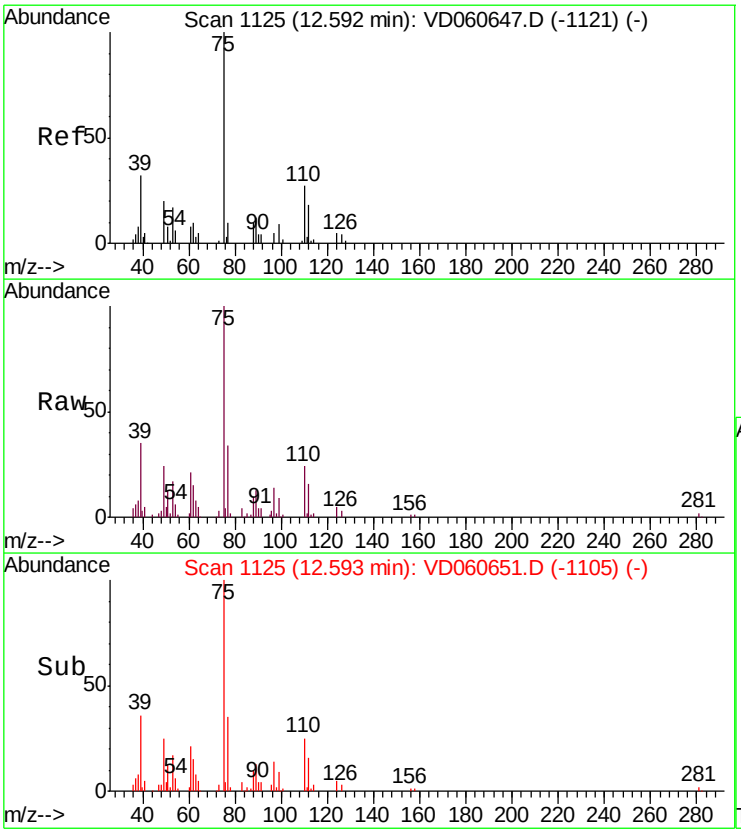

#75
1,1,2,2-Tetrachloroethane
Concen: 49.679 ug/l
RT: 12.55 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 83 Resp: 141845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 7.6 | 4.0 | 12.0 |
| 85 | 67.1 | 34.5 | 103.5 |

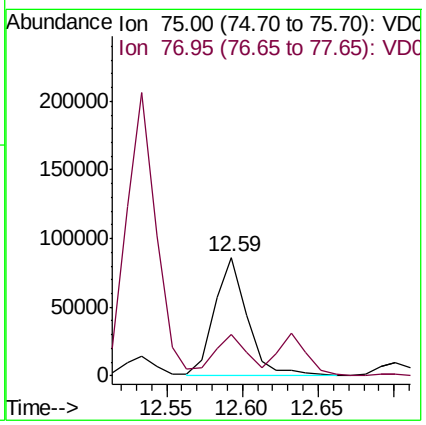


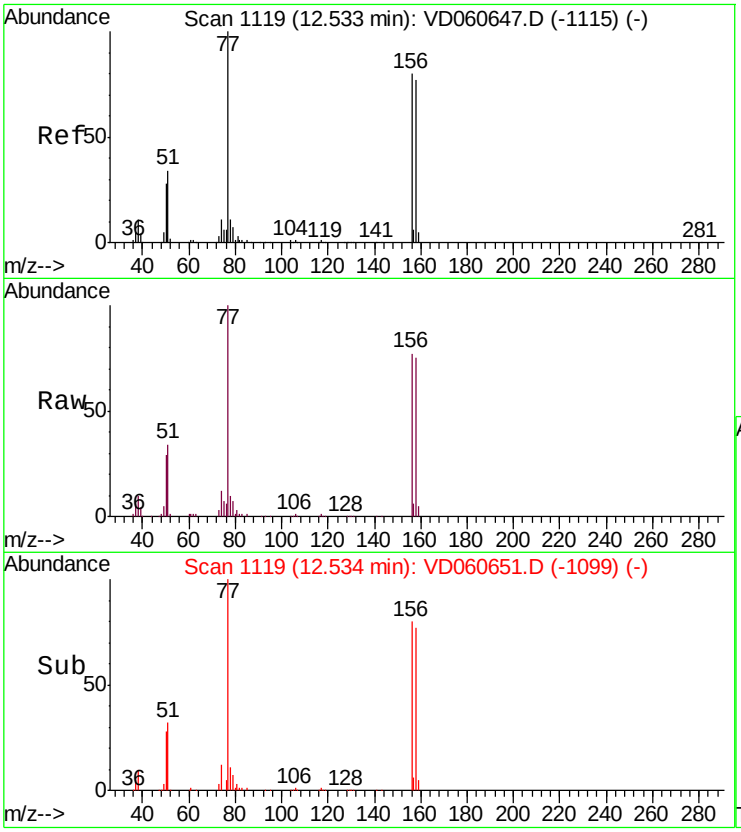




#76
1,2,3-Trichloropropane
Concen: 51.808 ug/l
RT: 12.59 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 75 Resp: 131516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.5 | 15.9 | 47.7 |



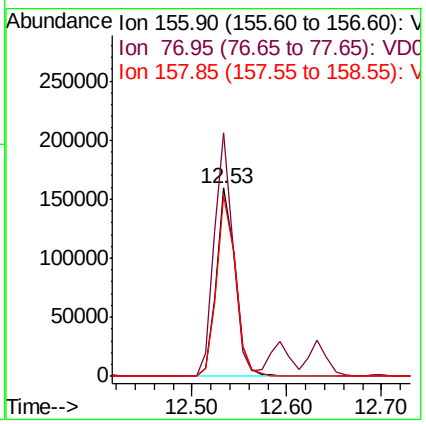


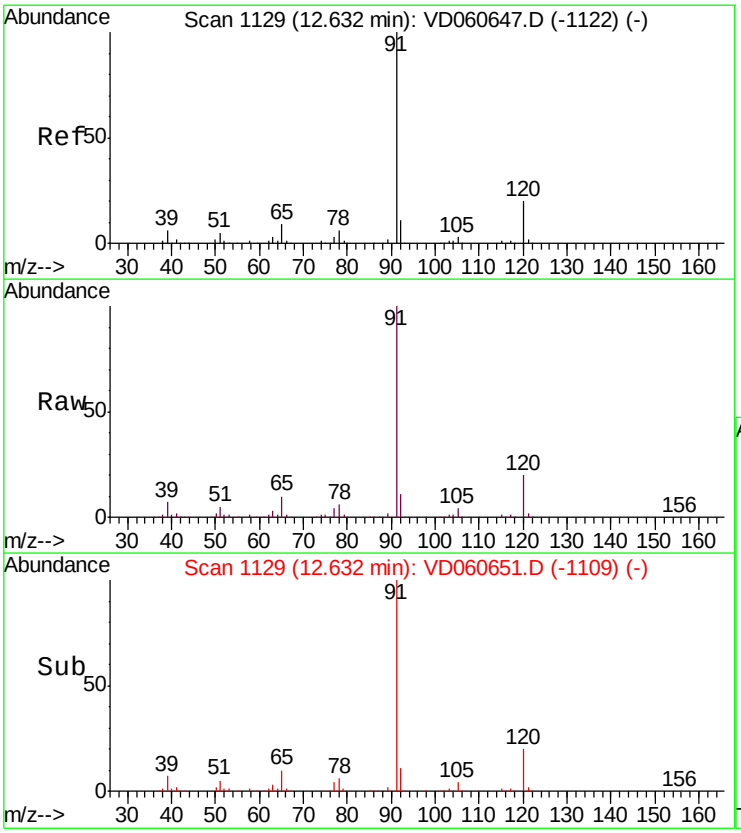

#77
Bromobenzene
Concen: 50.750 ug/l
RT: 12.53 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:156 Resp: 220024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 129.4 | 62.8 | 188.5 |
| 158 | 96.5 | 48.6 | 145.9 |

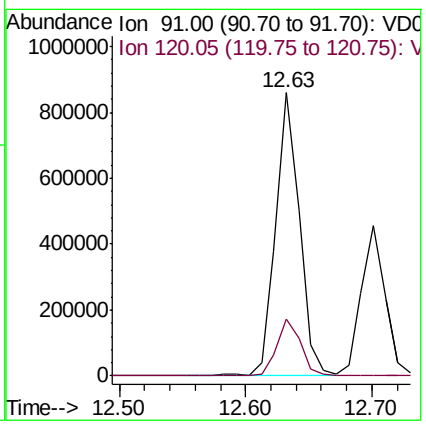


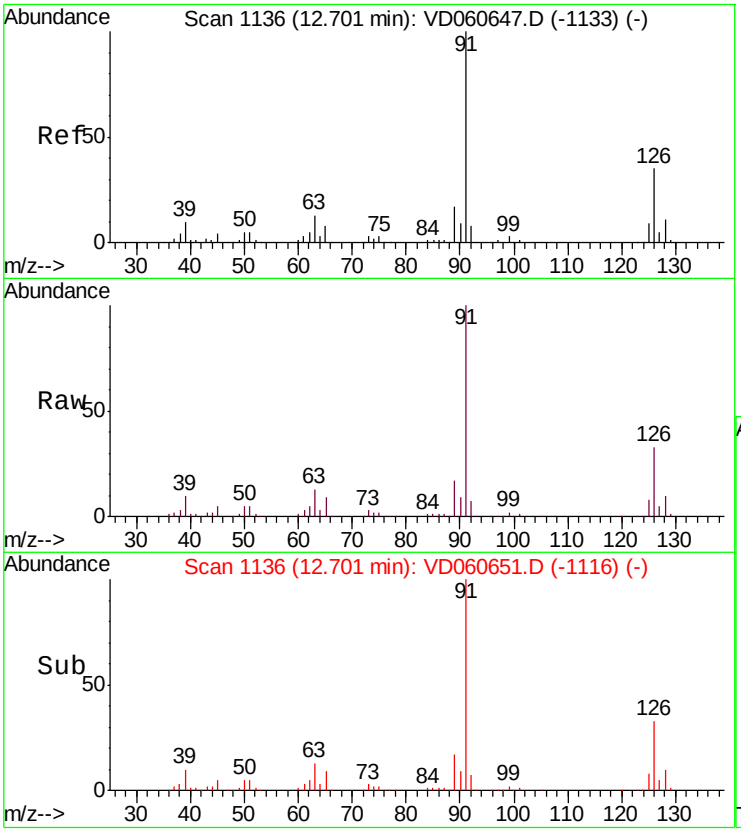




#78
n-propylbenzene
Concen: 52.394 ug/l
RT: 12.63 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 91 Resp: 1127468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 19.9 | 10.0 | 29.8 |



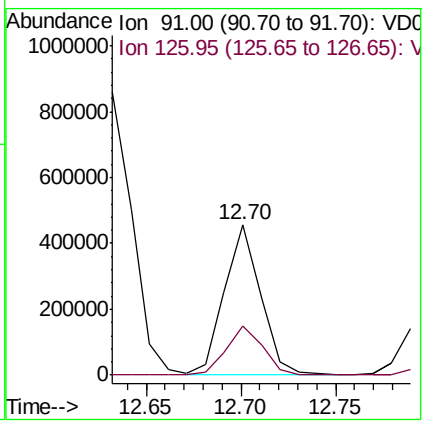


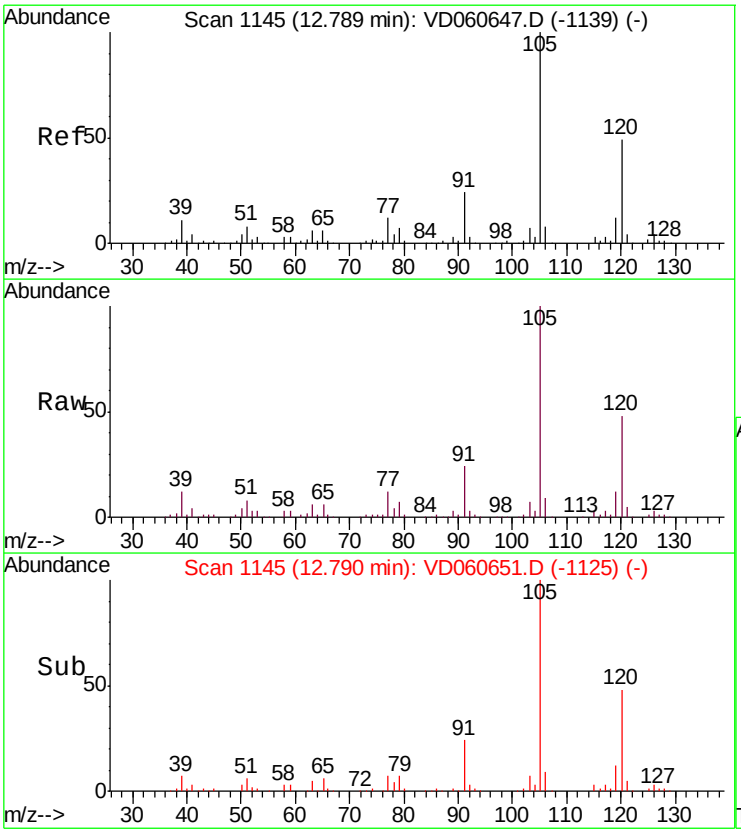

#79
2-Chlorotoluene
Concen: 50.658 ug/l
RT: 12.70 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 91 Resp: 603209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.1 | 17.3 | 52.0 |

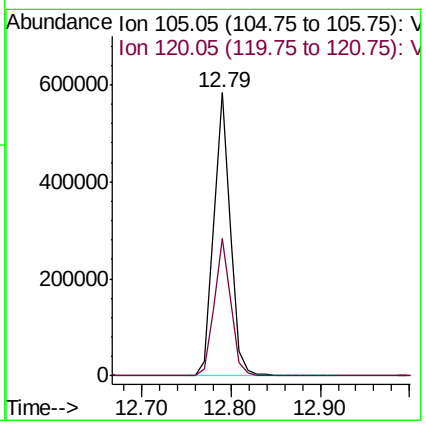


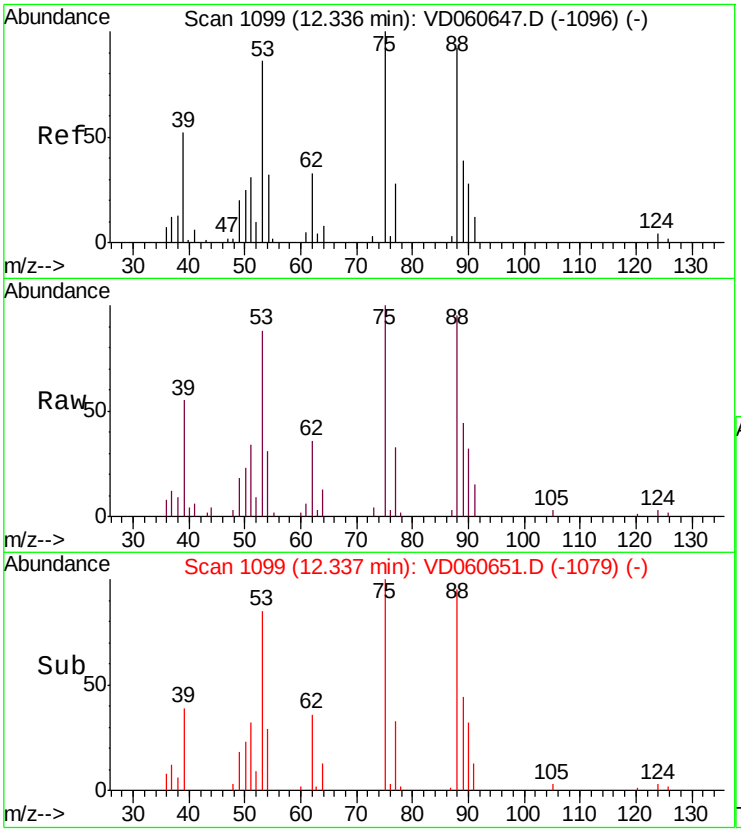




#80
1,3,5-Trimethylbenzene
Concen: 53.984 ug/l
RT: 12.79 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:105 Resp: 750788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.5 | 24.6 | 74.0 |



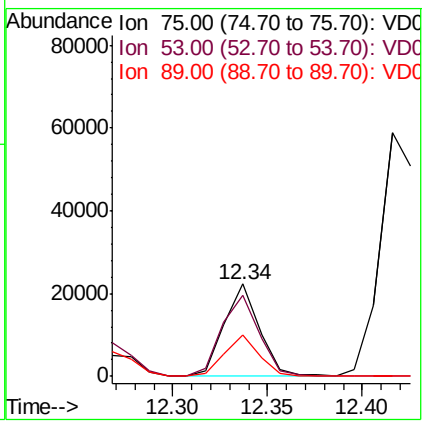


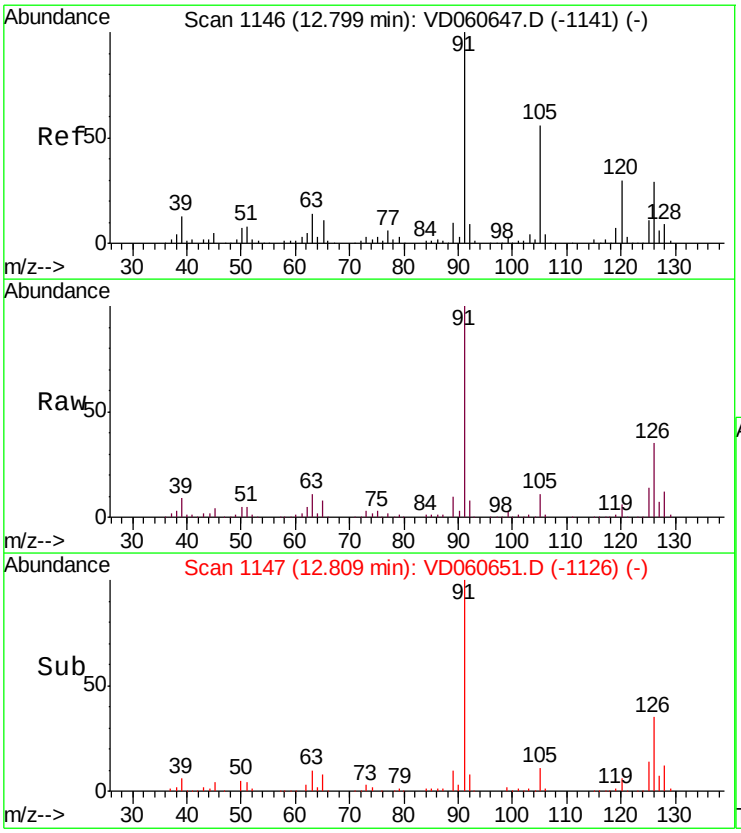

#81
trans-1,4-Dichloro-2-butene
Concen: 47.136 ug/l
RT: 12.34 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion: 75 Resp: 28493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 87.9 | 68.4 | 102.6 |
| 89 | 44.1 | 31.6 | 47.4 |

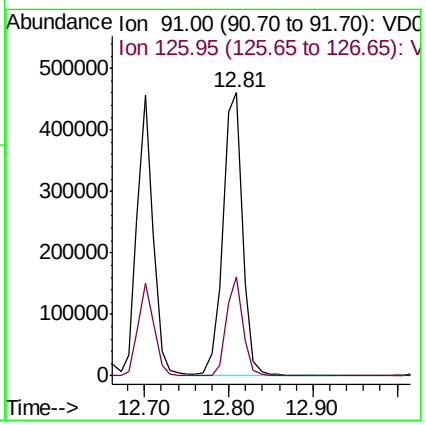


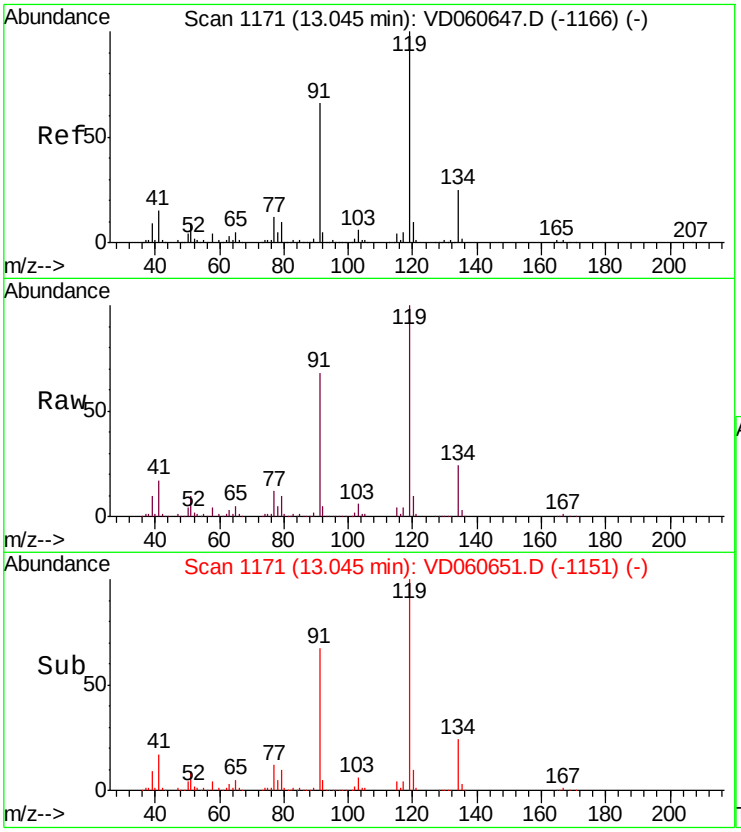




#82
4-Chlorotoluene
Concen: 52.183 ug/l
RT: 12.81 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 91 Resp: 738081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.9 | 14.5 | 43.6 |



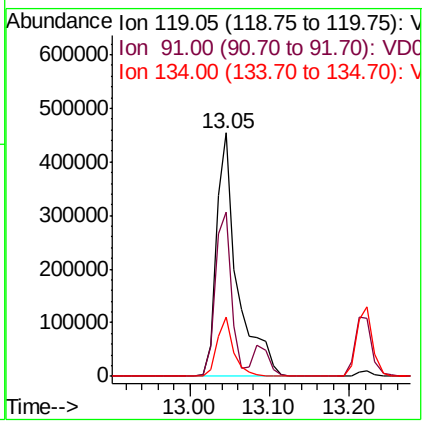


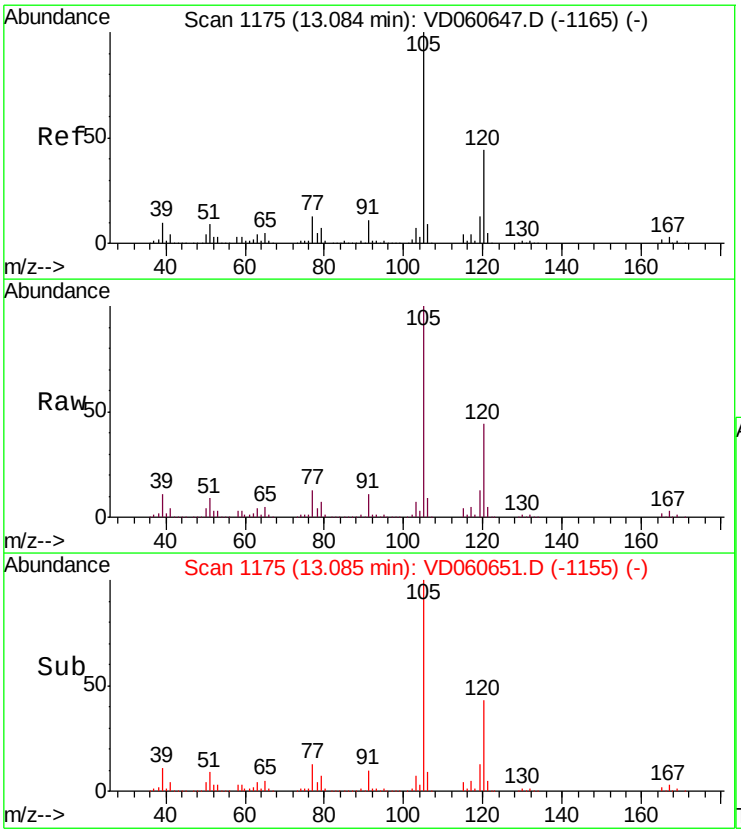

#83
tert-Butylbenzene
Concen: 52.202 ug/l
RT: 13.05 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:119 Resp: 836368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 67.6 | 33.3 | 99.8 |
| 134 | 24.3 | 12.5 | 37.5 |

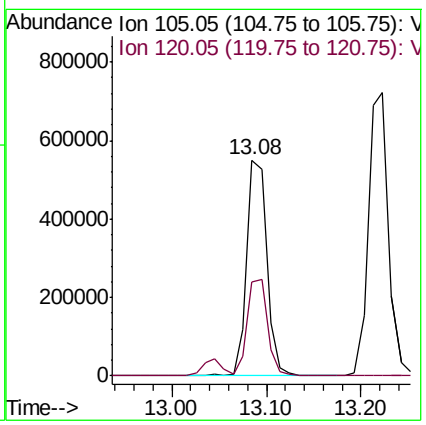


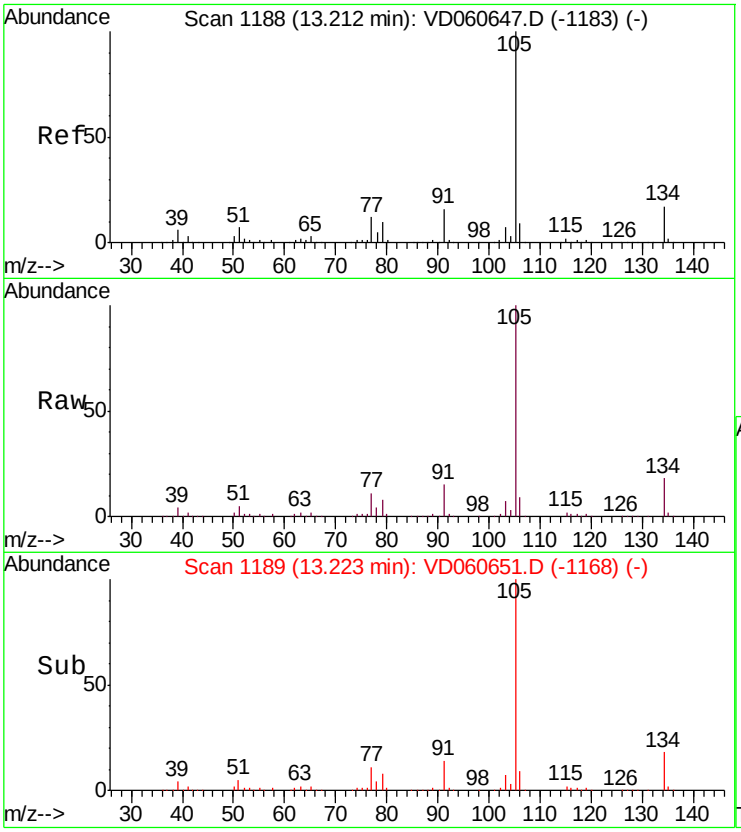




#84
1,2,4-Trimethylbenzene
Concen: 52.683 ug/l
RT: 13.08 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:105 Resp: 816768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.3 | 66.8 |



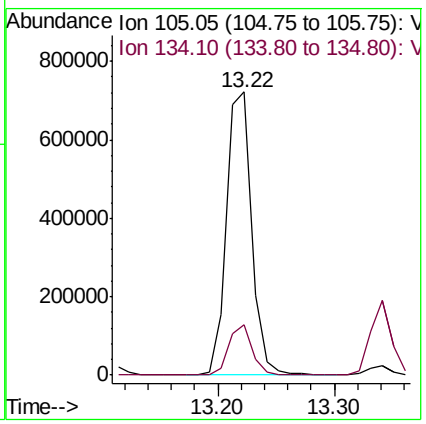


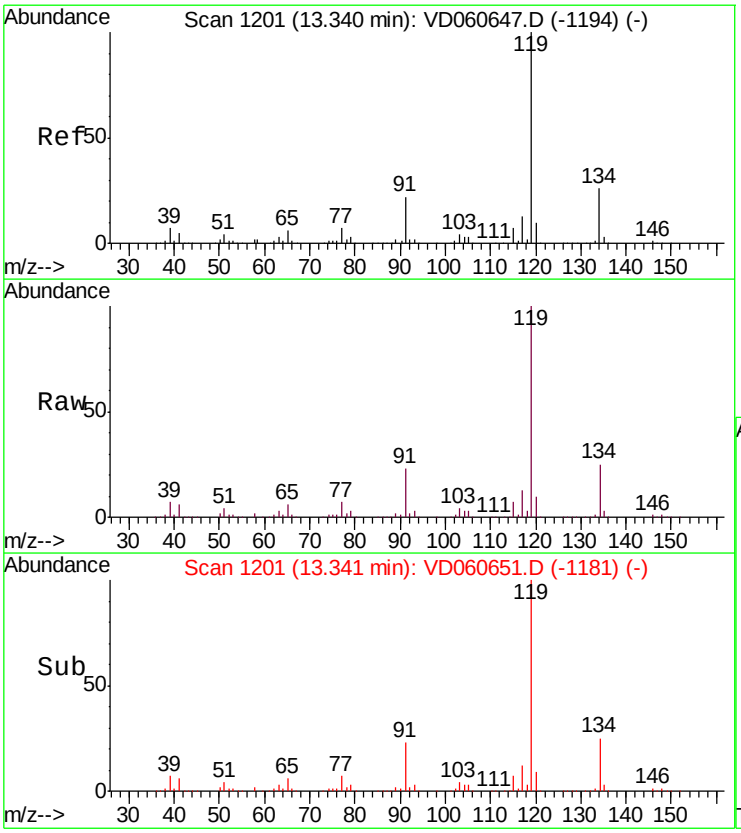

#85
sec-Butylbenzene
Concen: 52.495 ug/l
RT: 13.22 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:105 Resp: 1073257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.9 | 8.3 | 24.8 |

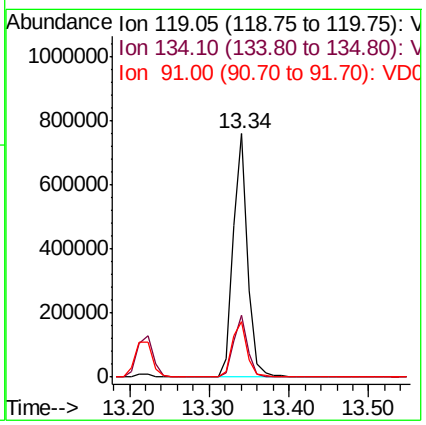


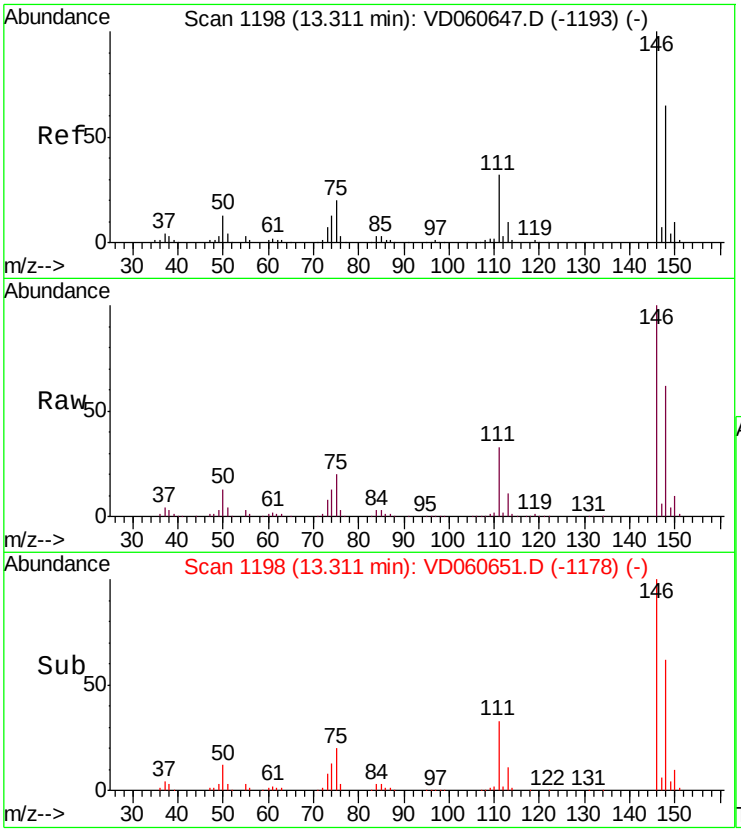




#86
p-Isopropyltoluene
Concen: 53.957 ug/l
RT: 13.34 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:119 Resp: 956970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.2 | 13.1 | 39.1 |
| 91 | 22.6 | 11.2 | 33.5 |



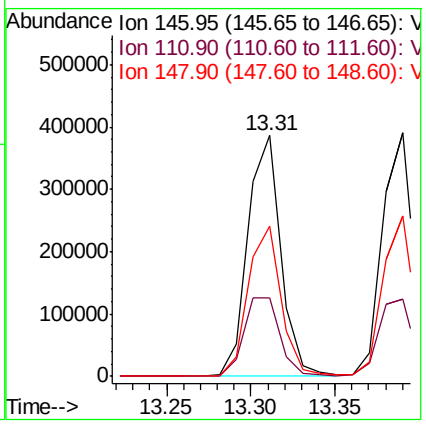


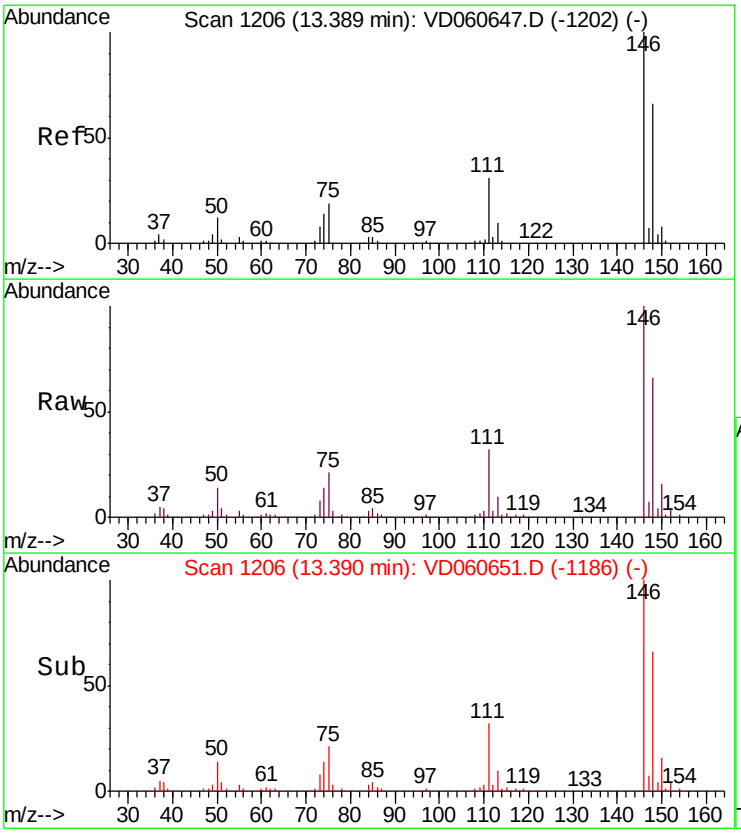

#87
1,3-Dichlorobenzene
Concen: 52.024 ug/l
RT: 13.31 min Scan# 1198
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:146 Resp: 525720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 32.5 | 15.9 | 47.7 |
| 148 | 62.3 | 32.4 | 97.0 |

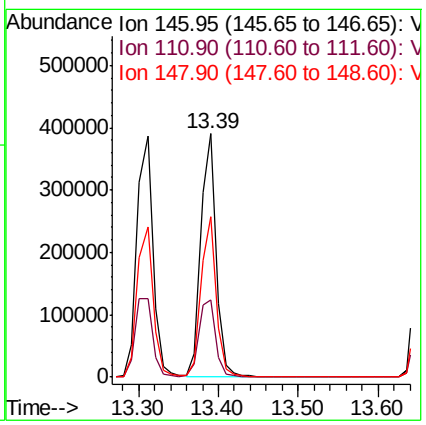


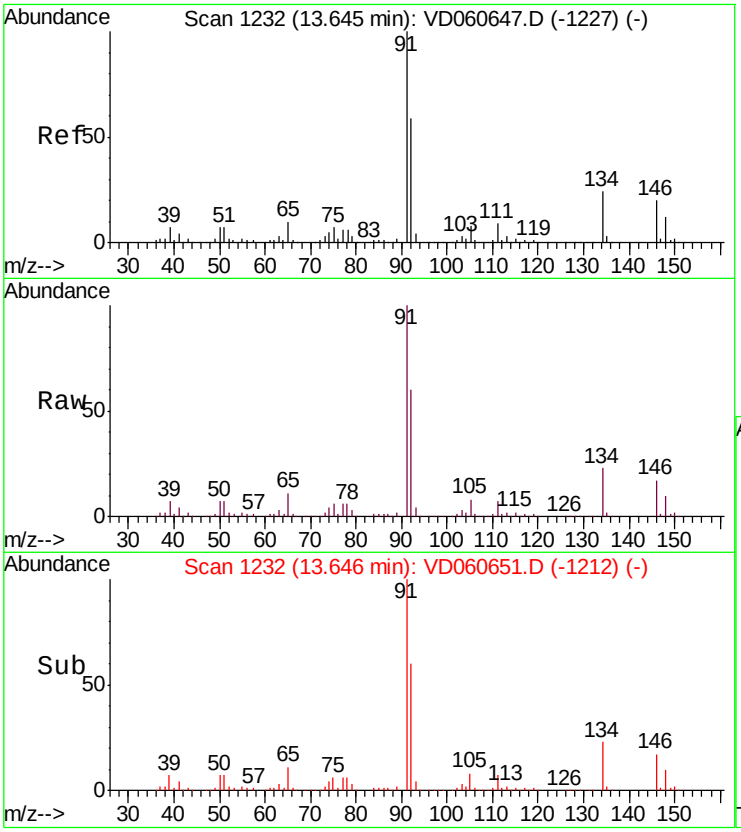




#88
1,4-Dichlorobenzene
Concen: 49.891 ug/l
RT: 13.39 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:146 Resp: 517358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 31.7 | 15.4 | 46.2 |
| 148 | 65.7 | 32.9 | 98.7 |



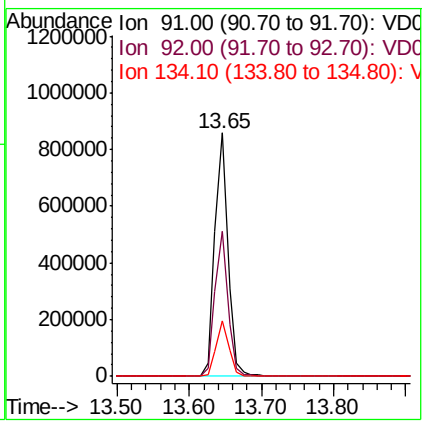


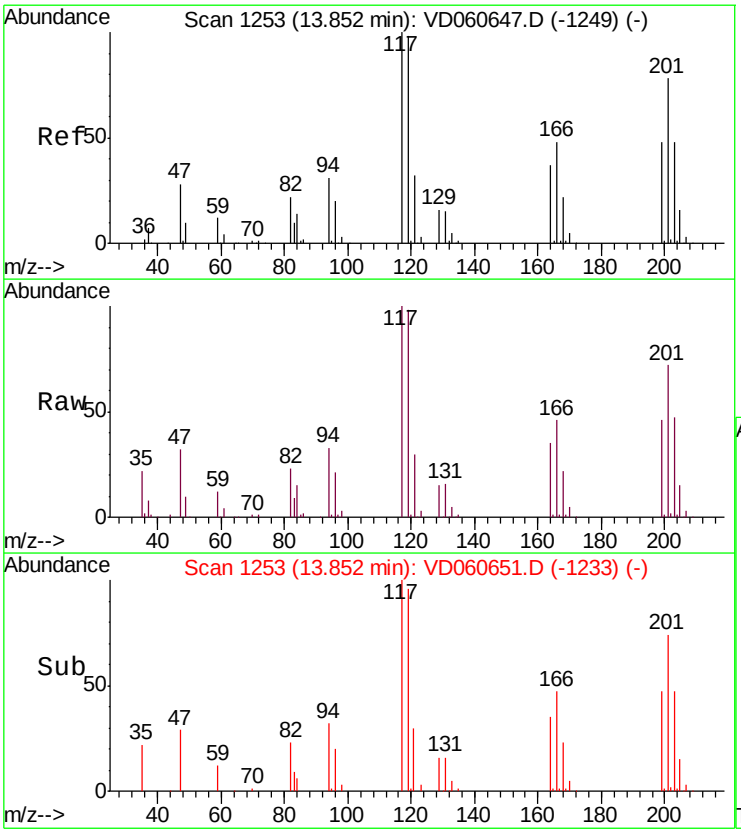

#89
n-Butylbenzene
Concen: 52.372 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion: 91 Resp: 1074526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.6 | 29.7 | 89.1 |
| 134 | 22.8 | 12.0 | 36.0 |

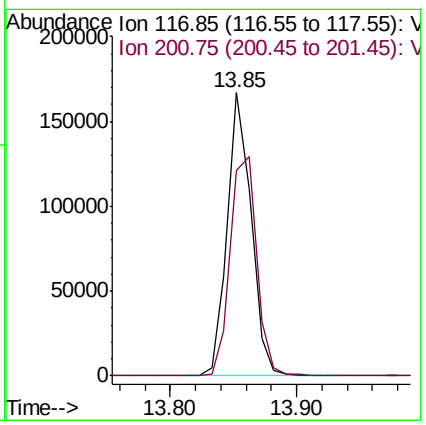


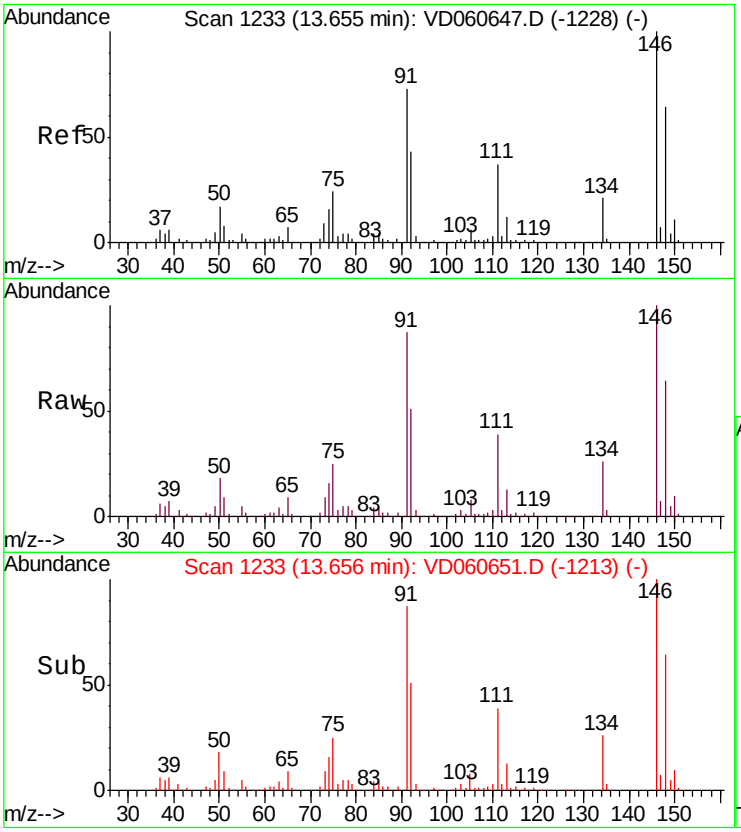




#90
Hexachloroethane
Concen: 51.386 ug/l
RT: 13.85 min Scan# 1253
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:117 Resp: 216981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.4 | 39.0 | 116.9 |



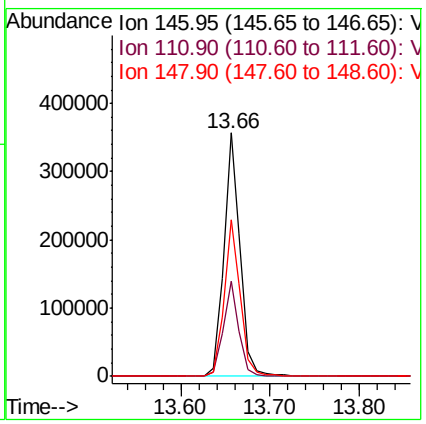


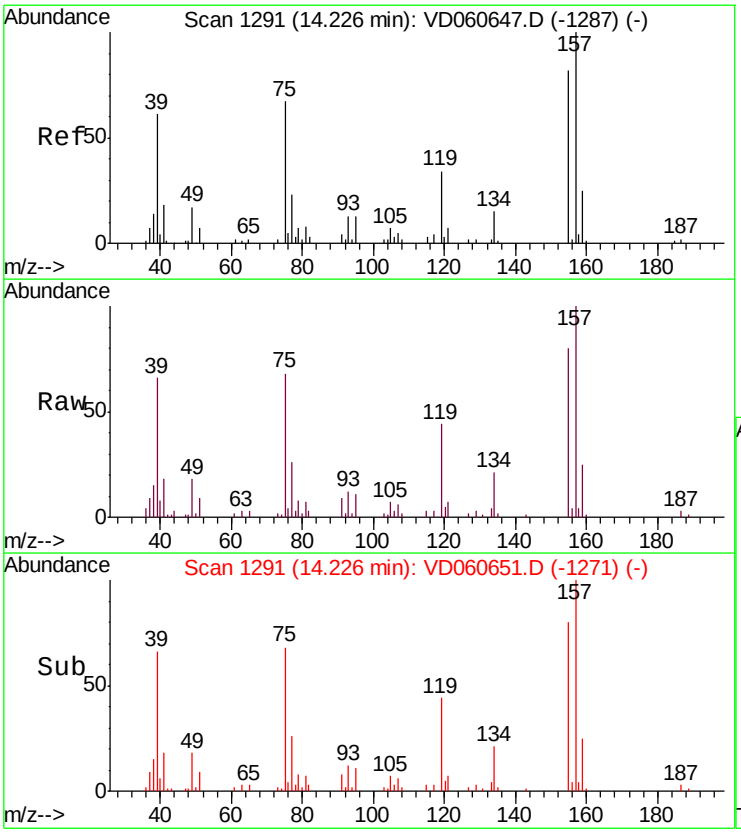

#91
1,2-Dichlorobenzene
Concen: 49.288 ug/l
RT: 13.66 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :** MSVOA_D
**ClientSampleId :** ICVVD122018

Tgt Ion:146 Resp: 454882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.3 | 18.6 | 55.6 |
| 148 | 64.2 | 31.9 | 95.9 |

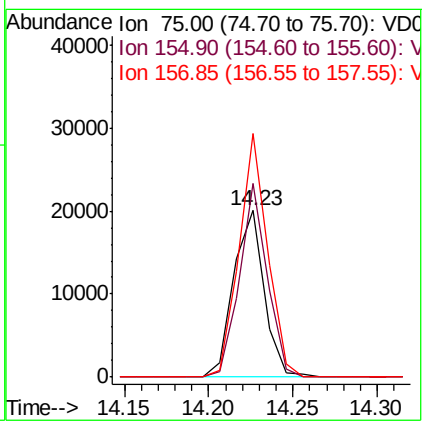


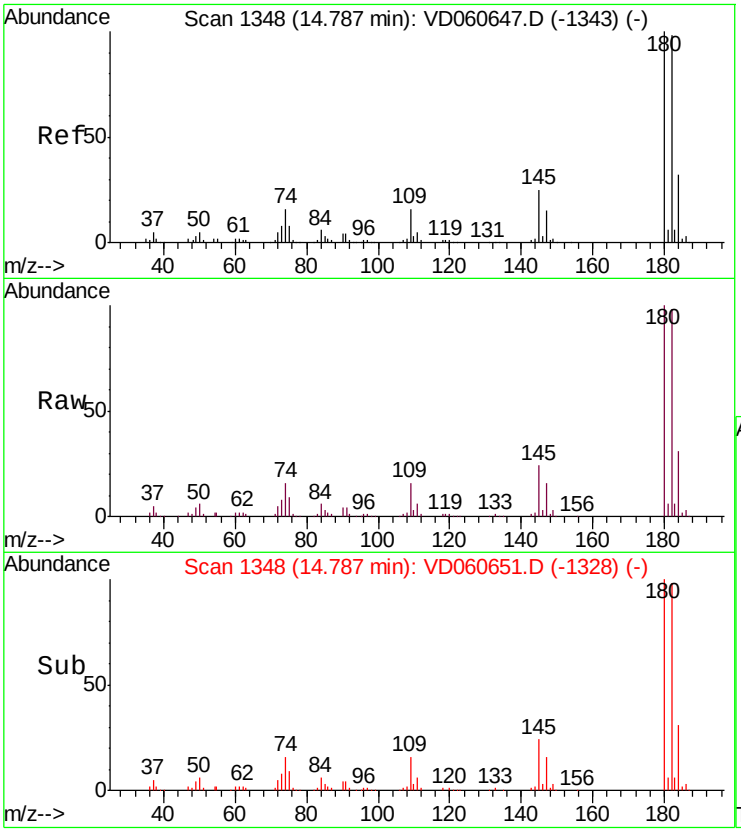




#92
1,2-Dibromo-3-Chloropropane
Concen: 52.195 ug/l
RT: 14.23 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion: 75 Resp: 25217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 116.4 | 61.6 | 184.8 |
| 157 | 146.2 | 75.2 | 225.6 |



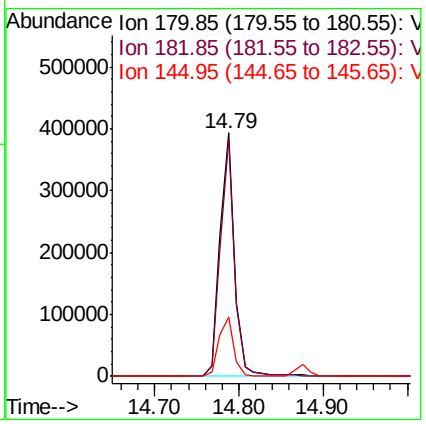


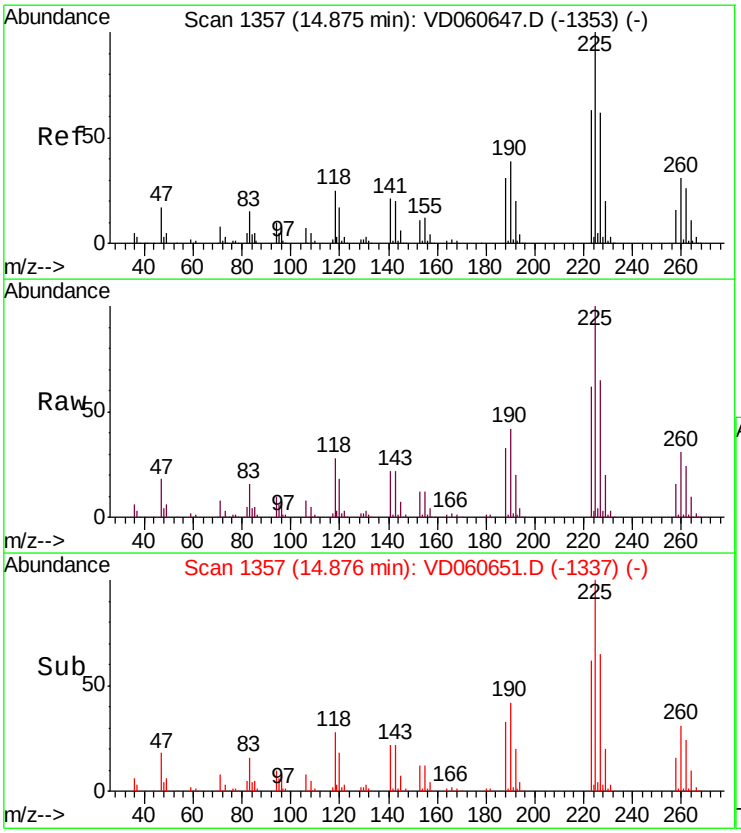

#93
1,2,4-Trichlorobenzene
Concen: 52.096 ug/l
RT: 14.79 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:180 Resp: 472819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.5 | 48.8 | 146.3 |
| 145 | 24.5 | 12.6 | 37.6 |

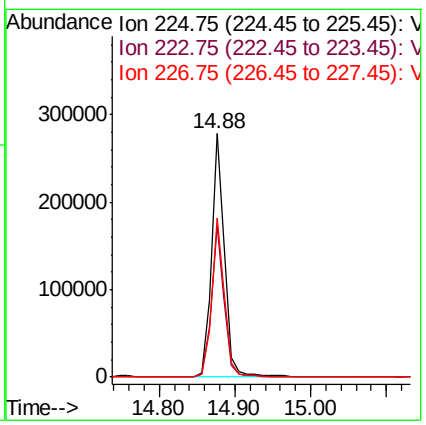


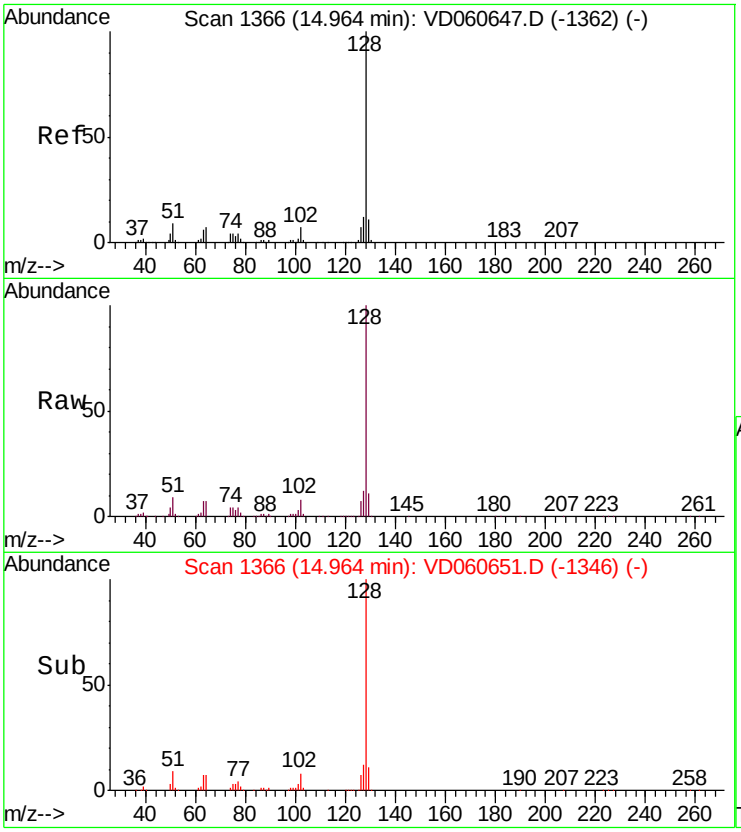




#94
Hexachlorobutadiene
Concen: 50.668 ug/l
RT: 14.88 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:225 Resp: 341101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 31.6 | 94.7 |
| 227 | 65.4 | 30.9 | 92.5 |



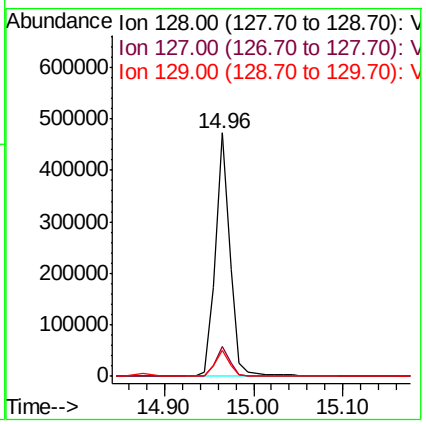


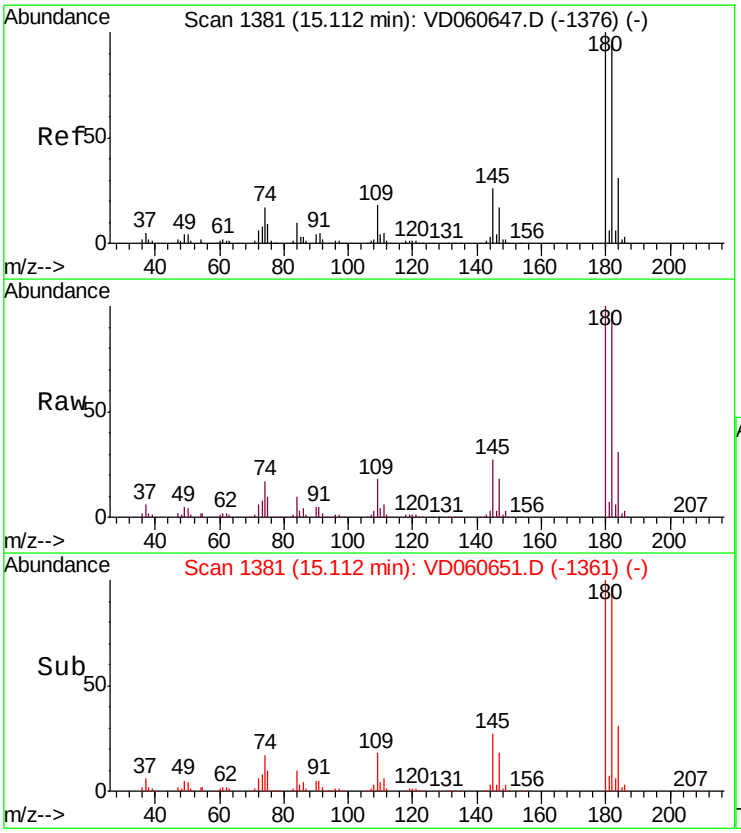

#95
Naphthalene
Concen: 52.625 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

**Instrument :**
MSVOA_D
**ClientSampleId :**
ICVVD122018

Tgt Ion:128 Resp: 543234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.0 | 9.4 | 14.0 |
| 129 | 10.7 | 8.4 | 12.6 |




#96
1,2,3-Trichlorobenzene
Concen: 50.603 ug/l
RT: 15.11 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VD060651.D
Acq: 19 Dec 2018 21:52

Tgt Ion:180 Resp: 378902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.5 | 48.1 | 144.4 |
| 145 | 27.1 | 13.2 | 39.6 |