Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
Data File : VW007623.D
Acq On : 17 Dec 2018 11:15
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 18 07:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 79505 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.84 | 114 | 128002 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 112500 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 53931 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.30 | 65 | 41229 | 46.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.48% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 39063 | 50.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.82% | | | |
| 50) Toluene-d8 | 10.32 | 98 | 151863 | 52.27 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.54% | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 56633 | 53.02 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.04% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.01 | 85 | 26702 | 48.061 | ug/l | 99 |
| 3) Chloromethane | 2.21 | 50 | 20441 | 43.930 | ug/l | 98 |
| 4) Vinyl Chloride | 2.37 | 62 | 28632 | 52.435 | ug/l | 97 |
| 5) Bromomethane | 2.78 | 94 | 18077 | 49.272 | ug/l | 94 |
| 6) Chloroethane | 2.93 | 64 | 15708 | 52.259 | ug/l | 97 |
| 7) Trichlorofluoromethane | 3.26 | 101 | 29742 | 60.584 | ug/l | 96 |
| 8) Diethyl Ether | 3.68 | 74 | 18023 | 46.906 | ug/l | 96 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 41401 | 51.110 | ug/l | 99 |
| 10) Methyl Iodide | 4.26 | 142 | 65568 | 48.873 | ug/l | 97 |
| 11) Tert butyl alcohol | 5.17 | 59 | 11651 | 192.331 | ug/l | 97 |
| 12) 1,1-Dichloroethene | 4.03 | 96 | 39843 | 51.086 | ug/l | 99 |
| 13) Acrolein | 3.89 | 56 | 10510 | 262.200 | ug/l | 97 |
| 14) Allyl chloride | 4.66 | 41 | 57247 | 49.797 | ug/l | 98 |
| 15) Acrylonitrile | 5.36 | 53 | 34948 | 215.758 | ug/l | 97 |
| 16) Acetone | 4.12 | 43 | 42660 | 276.893 | ug/l | 99 |
| 17) Carbon Disulfide | 4.37 | 76 | 119974 | 50.734 | ug/l | 100 |
| 18) Methyl Acetate | 4.67 | 43 | 17179 | 41.083 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.42 | 73 | 54382 | 46.221 | ug/l | 95 |
| 20) Methylene Chloride | 4.91 | 84 | 40338 | 47.697 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 5.42 | 96 | 42770 | 49.022 | ug/l | 98 |
| 22) Diisopropyl ether | 6.31 | 45 | 105098 | 47.561 | ug/l | 97 |
| 23) Vinyl Acetate | 6.25 | 43 | 289138 | 233.934 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 6.21 | 63 | 72584 | 48.601 | ug/l | 100 |
| 25) 2-Butanone | 7.16 | 43 | 47199 | 234.663 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 7.16 | 77 | 55717 | 56.370 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 7.16 | 96 | 46568 | 48.747 | ug/l | 97 |
| 28) Bromochloromethane | 7.51 | 49 | 26670 | 47.476 | ug/l | 100 |
| 29) Tetrahydrofuran | 7.52 | 42 | 26371 | 207.105 | ug/l | 97 |
| 30) Chloroform | 7.67 | 83 | 78497 | 48.298 | ug/l | 98 |
| 31) Cyclohexane | 7.96 | 56 | 64191 | 46.846 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 7.87 | 97 | 73945 | 51.882 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 8.08 | 75 | 62868 | 53.840 | ug/l | 98 |
| 37) Ethyl Acetate | 7.25 | 43 | 19371 | 44.603 | ug/l | 97 |
| 38) Carbon Tetrachloride | 8.07 | 117 | 71794 | 56.507 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
Data File : VW007623.D
Acq On : 17 Dec 2018 11:15
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 18 07:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.34 | 83 | 79119 | 55.957 | ug/l | | 91 |
| 40) Benzene | 8.32 | 78 | 167879 | 51.806 | ug/l | | 99 |
| 41) Methacrylonitrile | 7.48 | 41 | 11962 | 48.367 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 8.40 | 62 | 50898 | 50.001 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.42 | 43 | 39604 | 46.165 | ug/l | | 100 |
| 44) Trichloroethene | 9.09 | 130 | 49092 | 53.052 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 9.37 | 63 | 38127 | 50.843 | ug/l | | 97 |
| 46) Dibromomethane | 9.46 | 93 | 20977 | 49.259 | ug/l | | 96 |
| 47) Bromodichloromethane | 9.65 | 83 | 58562 | 52.427 | ug/l | | 92 |
| 48) Methyl methacrylate | 9.44 | 41 | 19280 | 43.760 | ug/l | | 95 |
| 49) 1,4-Dioxane | 9.45 | 88 | 6495 | 939.976 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 10.21 | 43 | 93550 | 230.790 | ug/l | | 99 |
| 52) Toluene | 10.39 | 92 | 110282 | 52.588 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 10.61 | 75 | 56782 | 52.361 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 10.07 | 75 | 64645 | 51.567 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.79 | 97 | 29473 | 50.852 | ug/l | | 93 |
| 56) Ethyl methacrylate | 10.65 | 69 | 34365 | 49.330 | ug/l | | 100 |
| 57) 1,3-Dichloropropane | 10.93 | 76 | 49040 | 51.550 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.93 | 63 | 87814 | 273.347 | ug/l | | 99 |
| 59) 2-Hexanone | 10.97 | 43 | 70350 | 260.280 | ug/l | | 100 |
| 60) Dibromochloromethane | 11.13 | 129 | 38740 | 52.964 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.24 | 107 | 27856 | 48.634 | ug/l | | 96 |
| 64) Tetrachloroethene | 10.87 | 164 | 38434 | 47.507 | ug/l | | 94 |
| 65) Chlorobenzene | 11.66 | 112 | 121804 | 51.945 | ug/l | | 94 |
| 66) 1,1,1,2-Tetrachloroethane | 11.73 | 131 | 43289 | 52.417 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.73 | 91 | 221031 | 54.827 | ug/l | | 93 |
| 68) m/p-Xylenes | 11.84 | 106 | 168049 | 107.225 | ug/l | | 99 |
| 69) o-Xylene | 12.17 | 106 | 78401 | 53.563 | ug/l | | 95 |
| 70) Styrene | 12.18 | 104 | 129319 | 54.699 | ug/l | | 97 |
| 71) Bromoform | 12.35 | 173 | 21011 | 49.706 | ug/l | # | 97 |
| 73) Isopropylbenzene | 12.47 | 105 | 228984 | 55.412 | ug/l | | 99 |
| 74) N-amyl acetate | 12.27 | 43 | 35978 | 47.905 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.72 | 83 | 29977 | 48.978 | ug/l | | 94 |
| 76) 1,2,3-Trichloropropane | 12.77 | 75 | 43614 | 98.080 | ug/l | # | 1 |
| 77) Bromobenzene | 12.75 | 156 | 47256 | 51.590 | ug/l | | 95 |
| 78) n-propylbenzene | 12.81 | 91 | 264357 | 56.843 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.90 | 91 | 150793 | 53.587 | ug/l | | 97 |
| 80) 1,3,5-Trimethylbenzene | 12.95 | 105 | 193430 | 55.708 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75 | 10470 | 52.012 | ug/l | | 92 |
| 82) 4-Chlorotoluene | 12.99 | 91 | 160327 | 54.050 | ug/l | | 98 |
| 83) tert-Butylbenzene | 13.21 | 119 | 172971 | 56.535 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 193789 | 54.235 | ug/l | | 98 |
| 85) sec-Butylbenzene | 13.39 | 105 | 238440 | 57.089 | ug/l | | 96 |
| 86) p-Isopropyltoluene | 13.51 | 119 | 213913 | 57.011 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.51 | 146 | 97122 | 53.180 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 13.58 | 146 | 96739 | 52.689 | ug/l | | 97 |
| 89) n-Butylbenzene | 13.83 | 91 | 199540 | 57.365 | ug/l | | 98 |
| 90) Hexachloroethane | 14.10 | 117 | 38867 | 58.217 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.88 | 146 | 84391 | 51.592 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75 | 5996 | 48.817 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
Data File : VW007623.D
Acq On : 17 Dec 2018 11:15
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 18 07:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180 | 58512 | 51.978 | ug/l | 93 |
| 94) Hexachlorobutadiene | 15.24 | 225 | 31853 | 53.330 | ug/l | 98 |
| 95) Naphthalene | 15.38 | 128 | 102408 | 47.554 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180 | 48864 | 49.970 | ug/l | 97 |

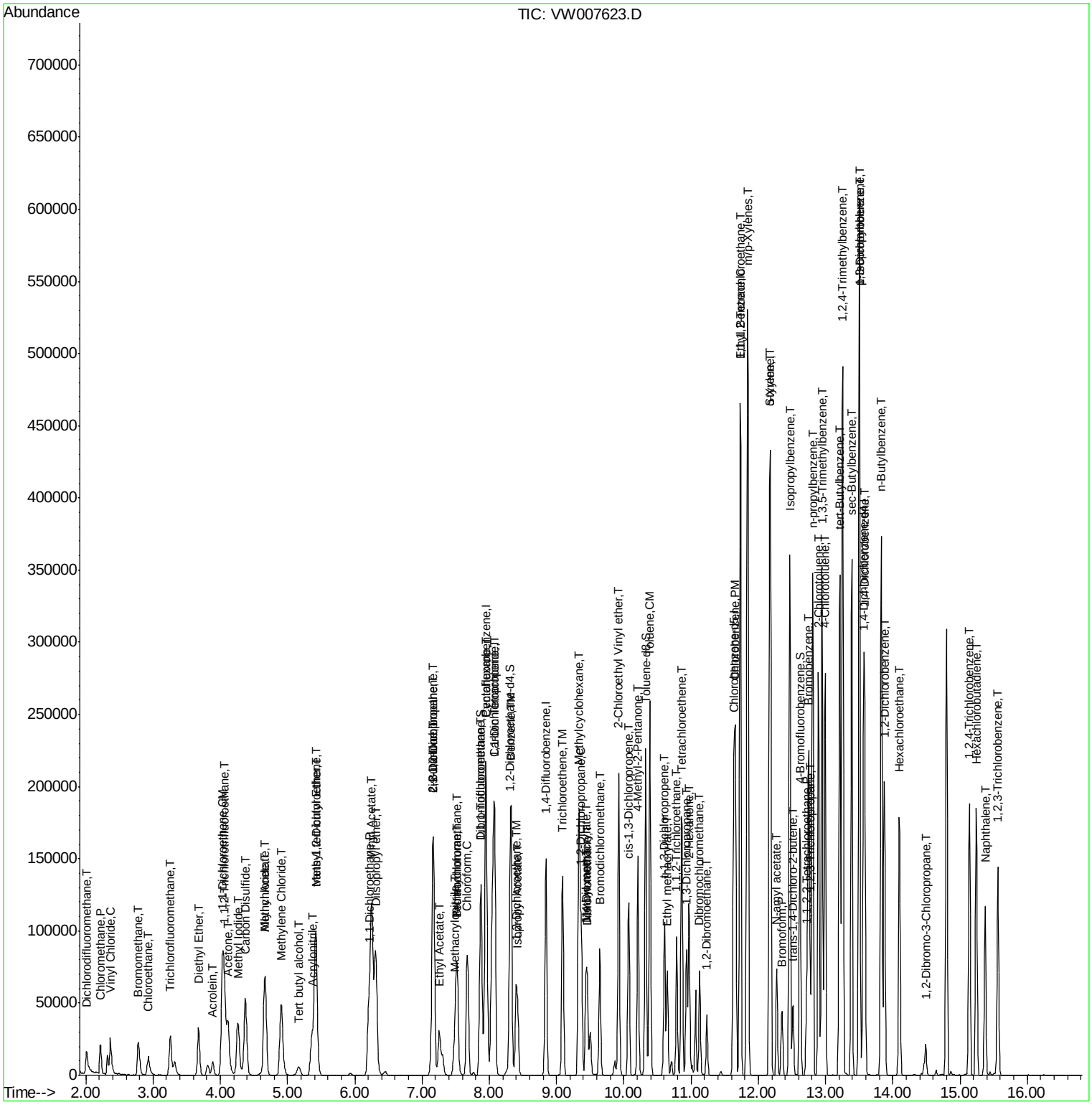
(#) = qualifier out of range (m) = manual integration (+) = signals summed

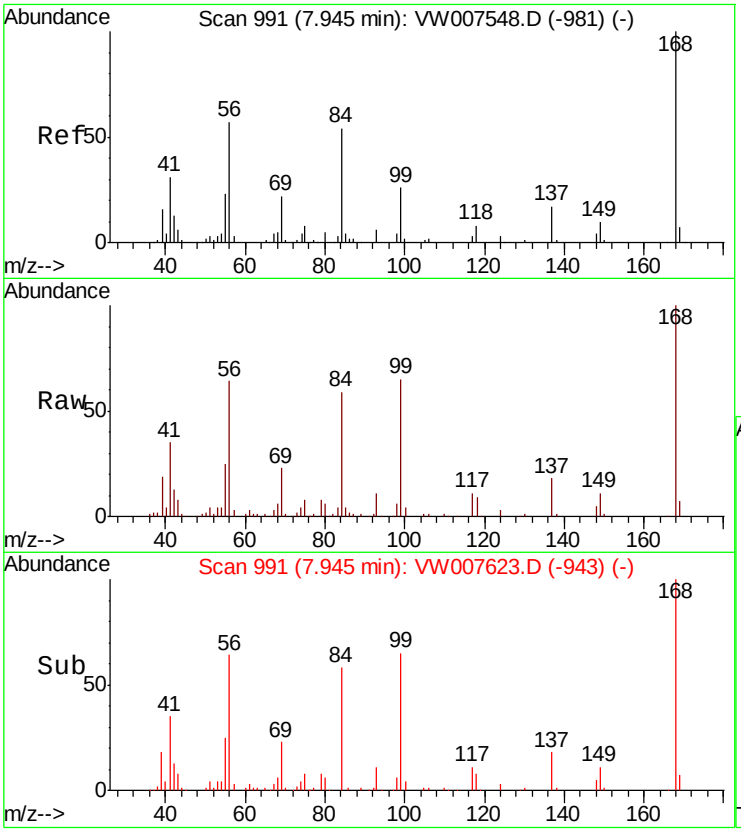
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121918\
Data File : VW007623.D
Acq On : 17 Dec 2018 11:15
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 18 07:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration



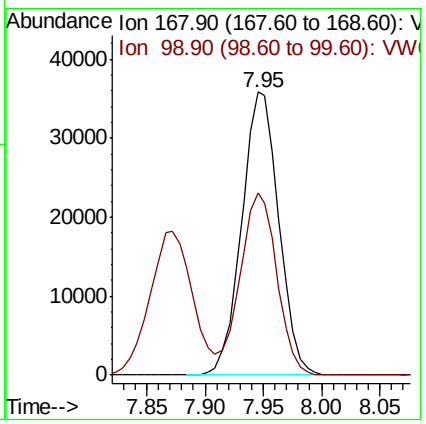


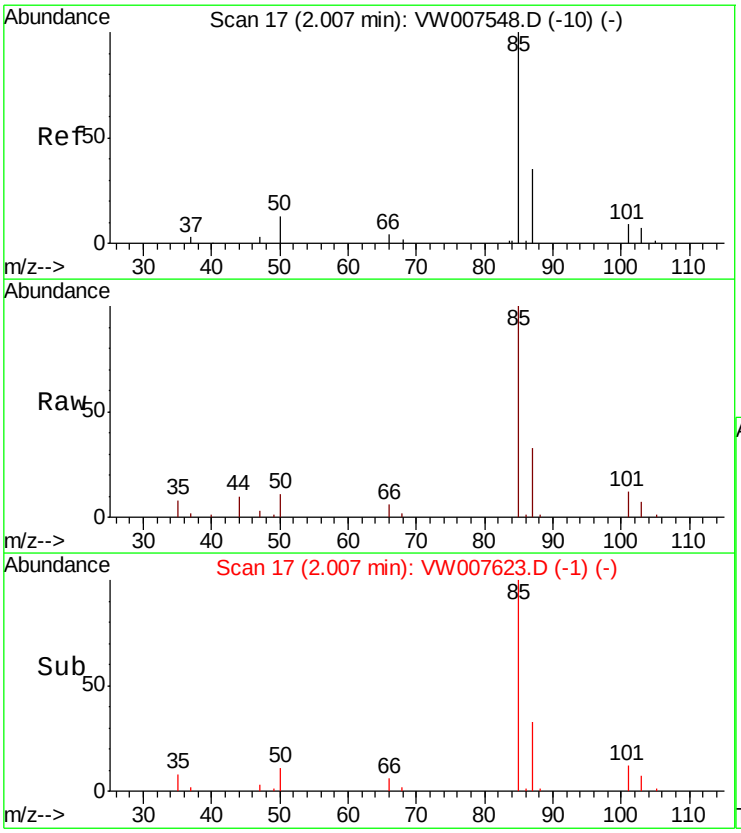

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:168 Resp: 79505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 64.6 | 48.3 | 72.5 |

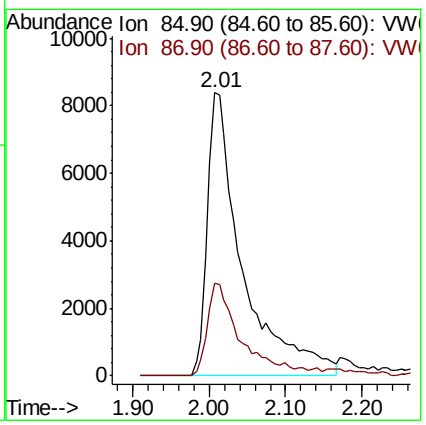


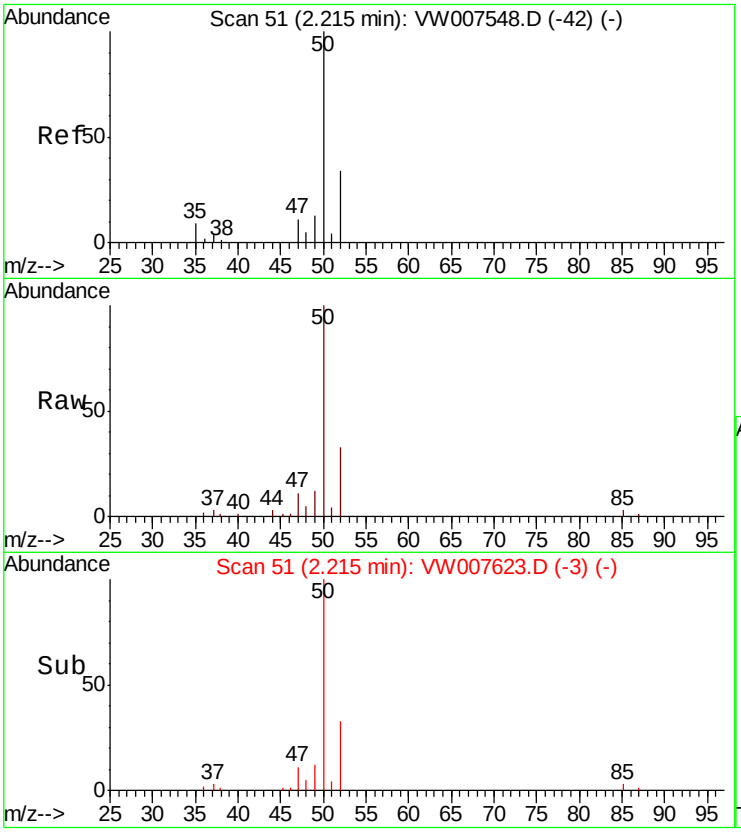




#2
Dichlorodifluoromethane
Concen: 48.061 ug/l
RT: 2.01 min Scan# 17
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 85 Resp: 26702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.8 | 16.6 | 49.7 |

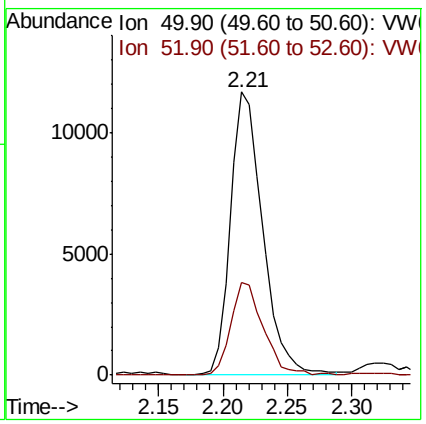




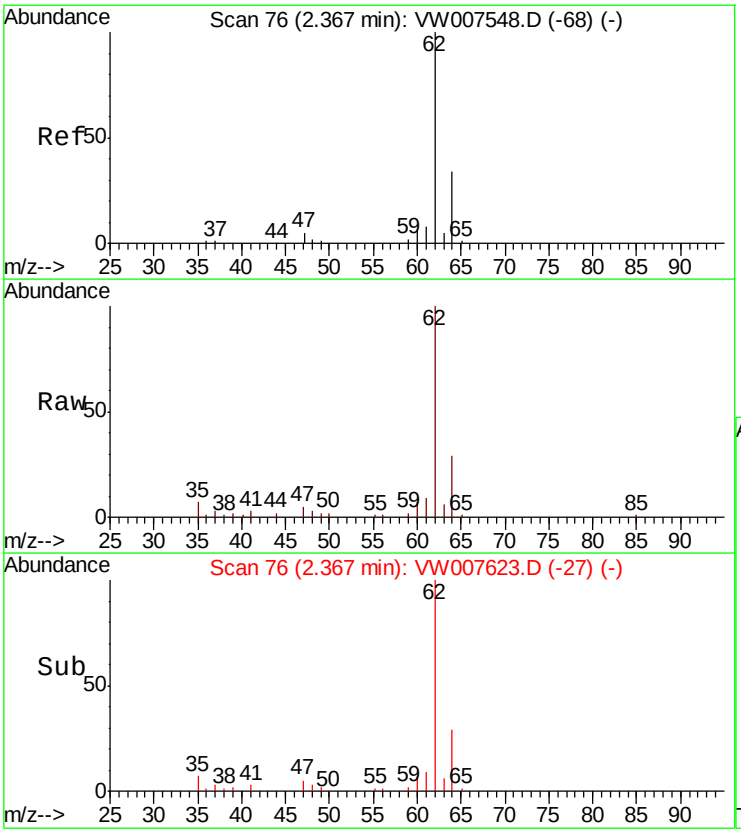

#3
Chloromethane
Concen: 43.930 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 50 Resp: 20441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 27.4 | 41.0 |



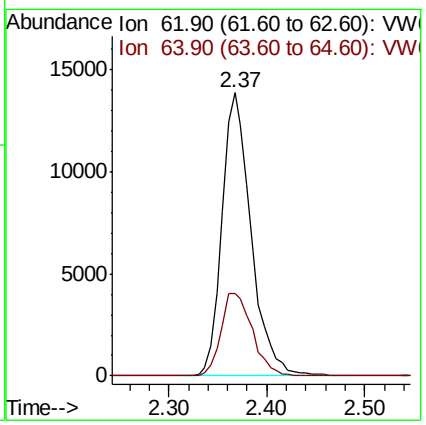

**Instrument :**
MSVOA_W
**ClientSampleId :**

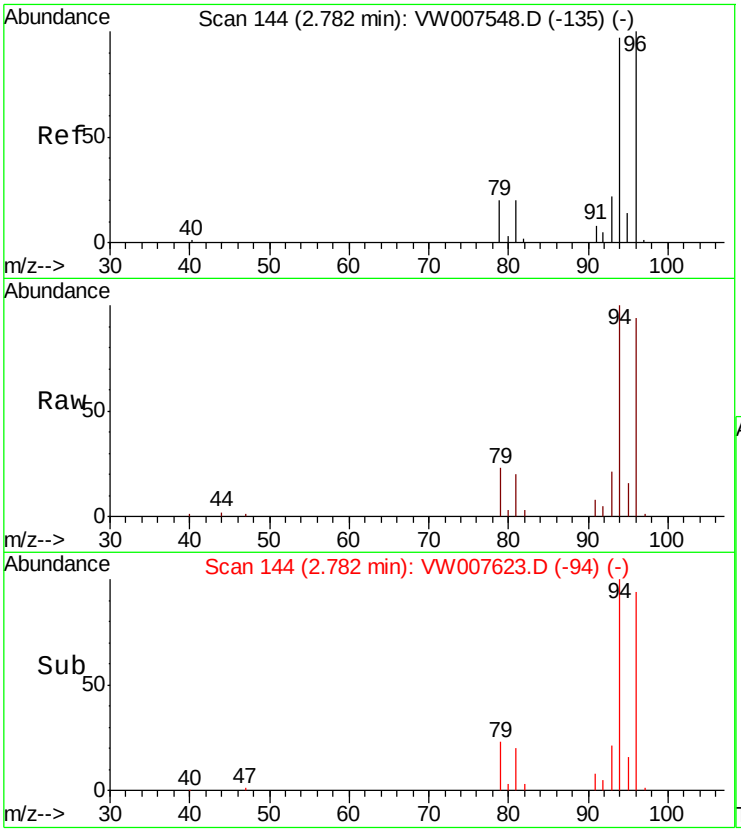



#4
Vinyl Chloride
Concen: 52.435 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 62 Resp: 28632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 29.3 | 24.6 | 37.0 |



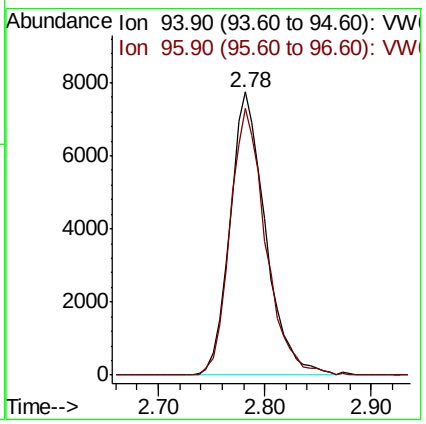


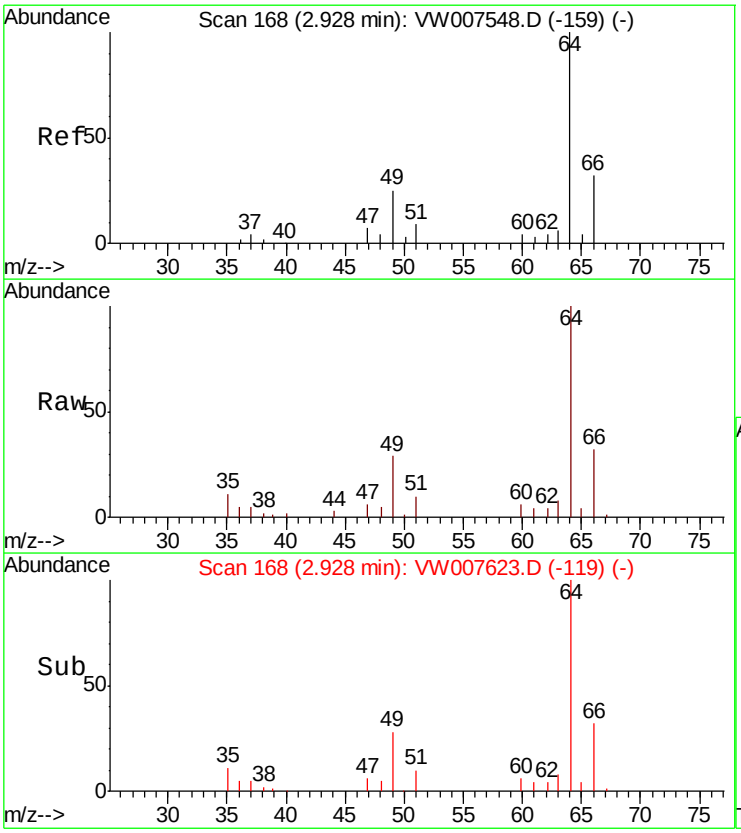

#5
Bromomethane
Concen: 49.272 ug/l
RT: 2.78 min Scan# 144
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 94 Resp: 18077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.0 | 71.0 | 106.4 |

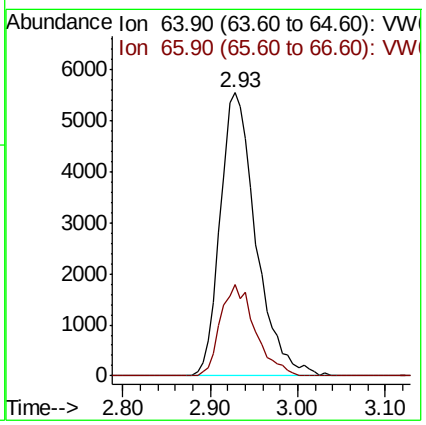


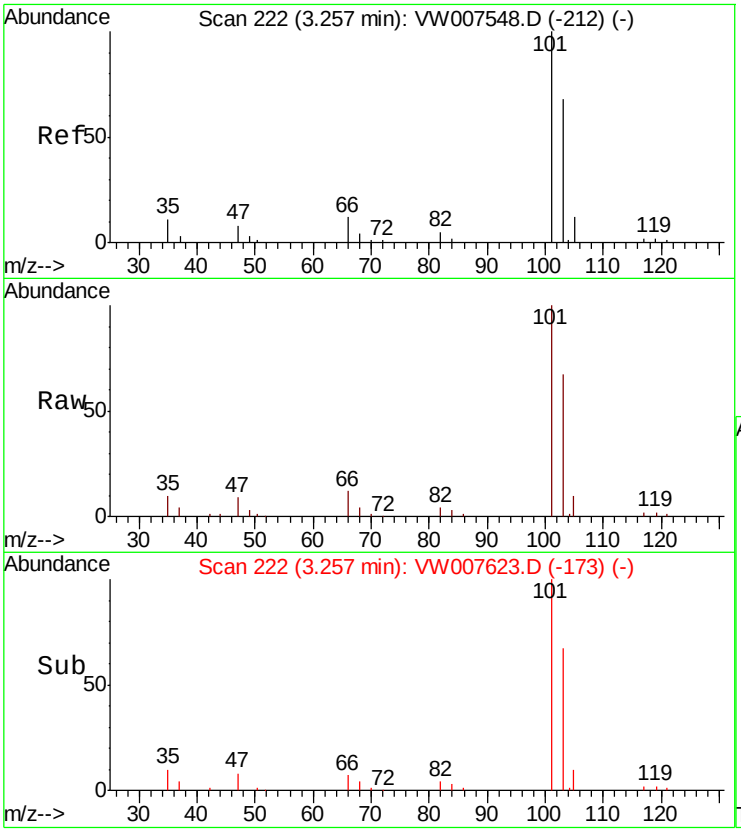




#6
Chloroethane
Concen: 52.259 ug/l
RT: 2.93 min Scan# 168
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 64 Resp: 15708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.4 | 24.6 | 37.0 |



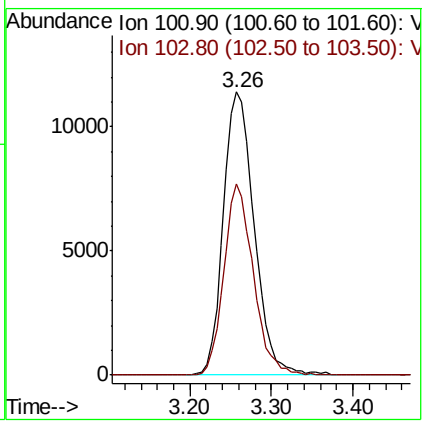


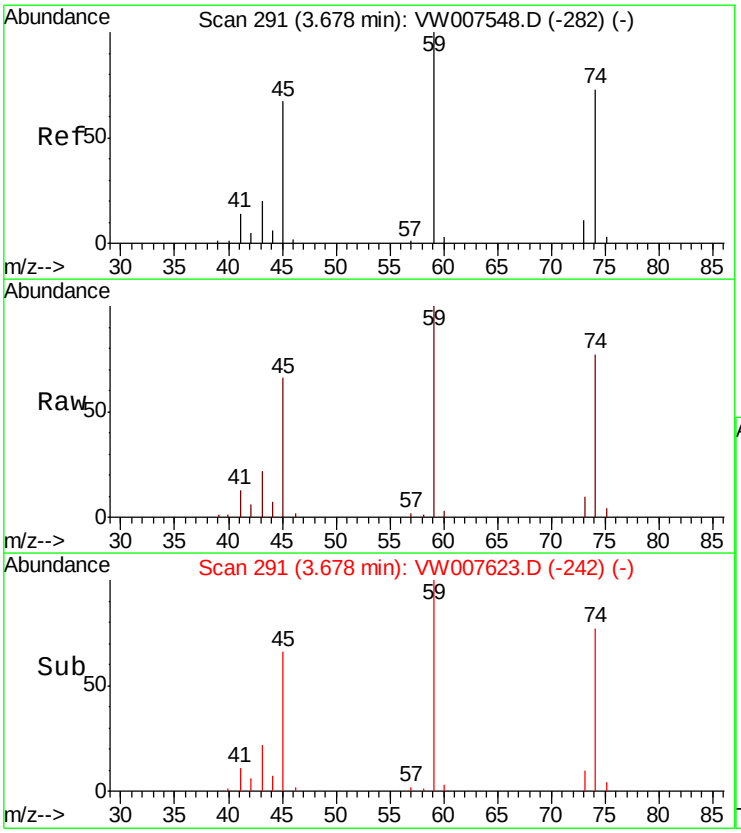

#7
Trichlorofluoromethane
Concen: 60.584 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:101 Resp: 29742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.5 | 51.7 | 77.5 |

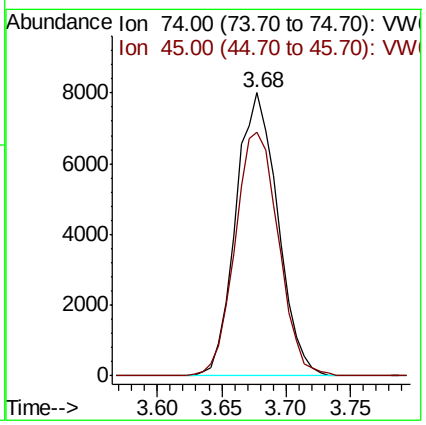


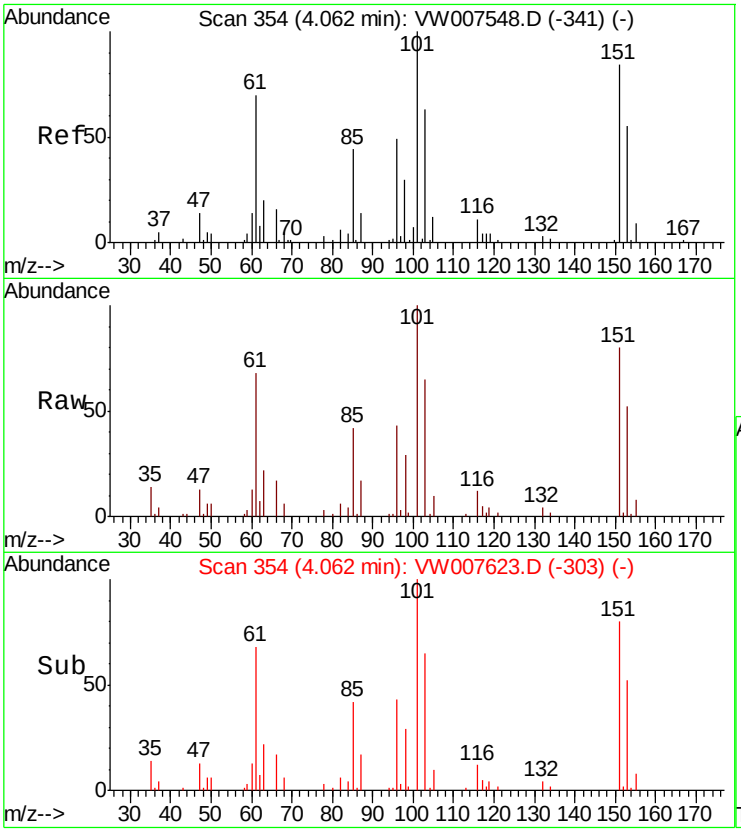




#8
Diethyl Ether
Concen: 46.906 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 74 Resp: 18023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 89.3 | 43.0 | 129.0 |



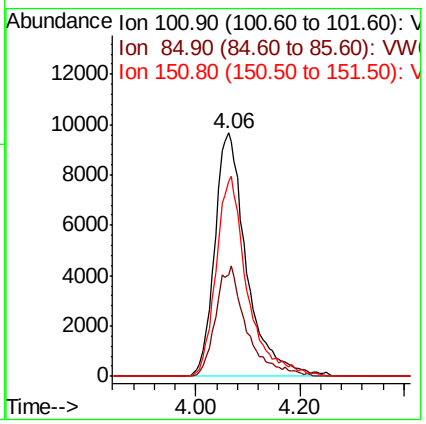


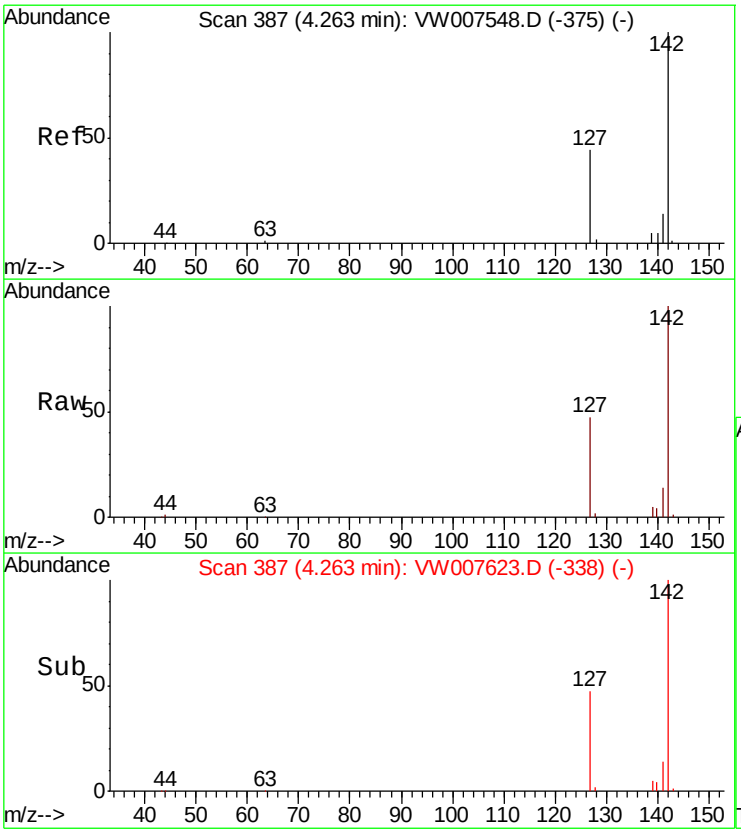

#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.110 ug/l
RT: 4.06 min Scan# 354
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:101 Resp: 41401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.8 | 33.9 | 50.9 |
| 151 | 80.2 | 63.7 | 95.5 |

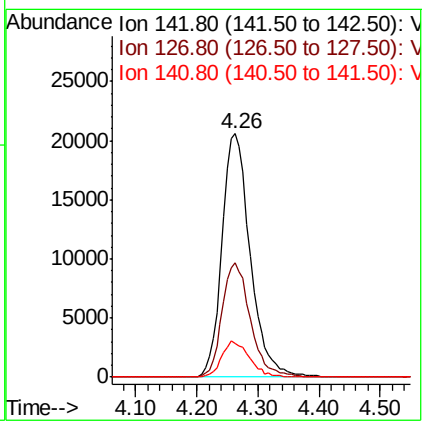


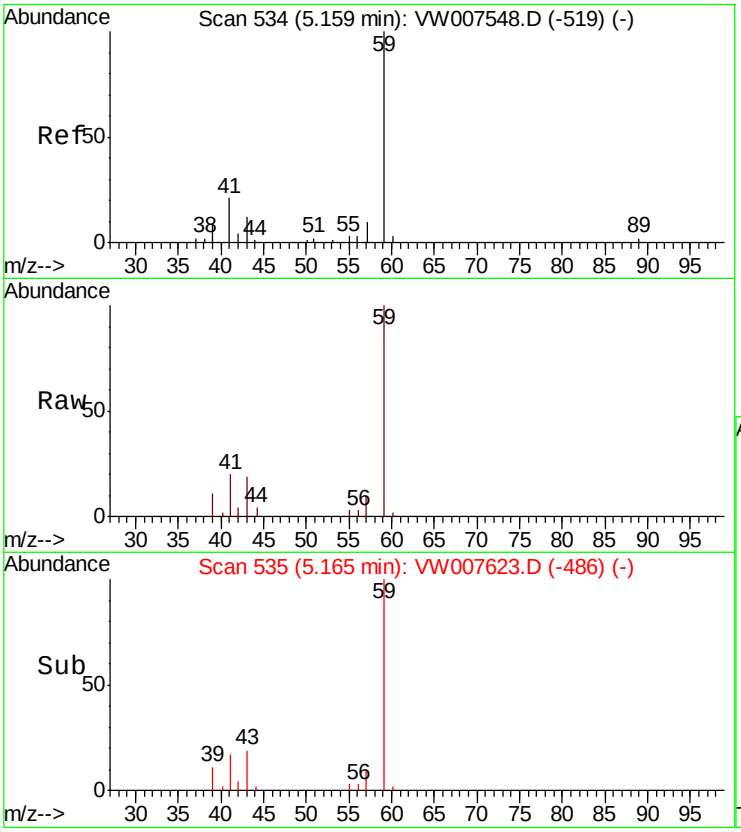




#10
Methyl Iodide
Concen: 48.873 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:142 Resp: 65568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 46.9 | 35.8 | 53.6 |
| 141 | 14.6 | 11.1 | 16.7 |



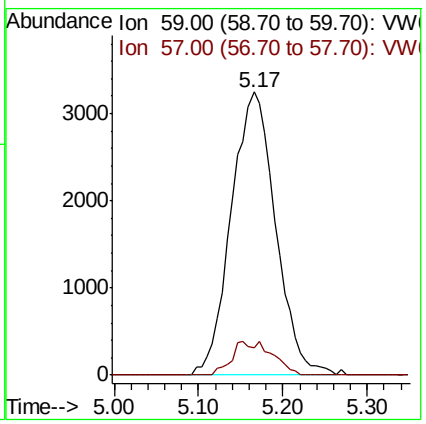


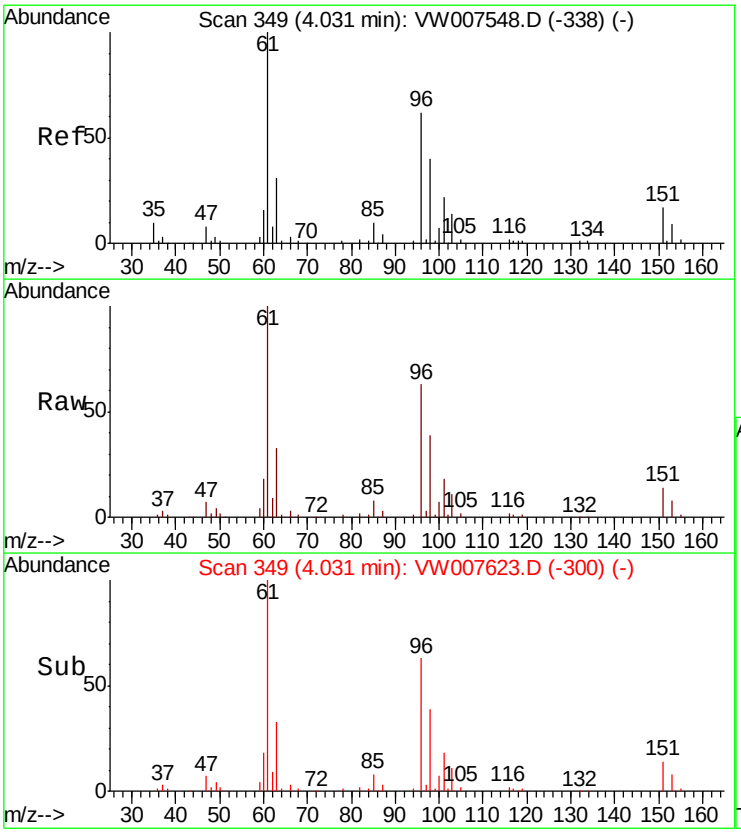

#11
Tert butyl alcohol
Concen: 192.331 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 59 Resp: 11651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.8 | 7.6 | 11.4 |

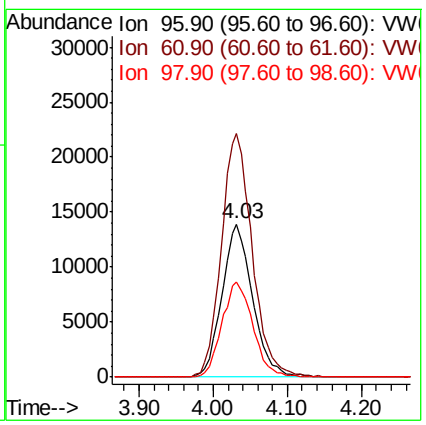


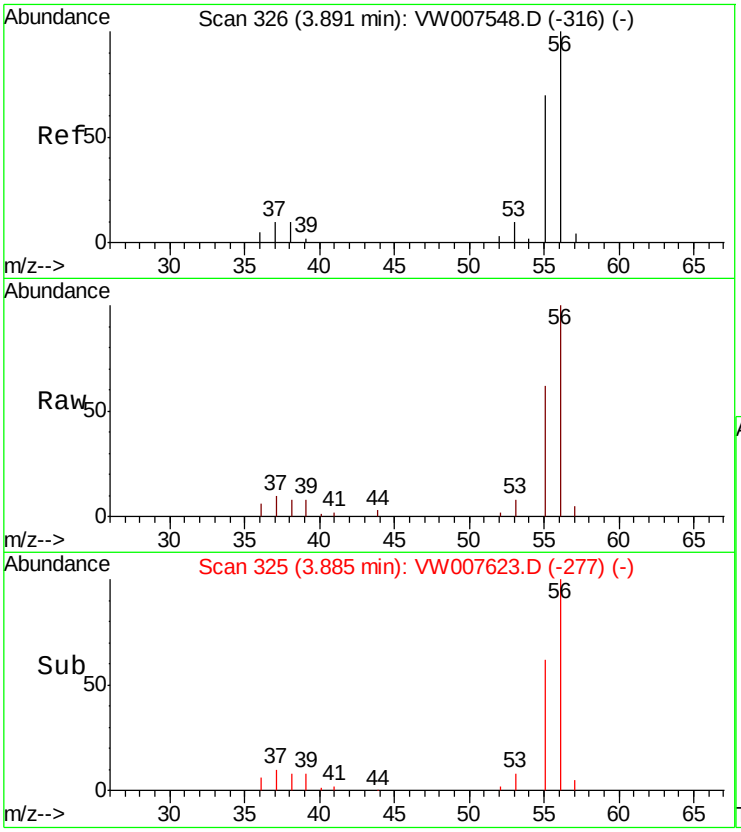




#12
1,1-Dichloroethene
Concen: 51.086 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 96 Resp: 39843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 159.1 | 126.2 | 189.2 |
| 98 | 62.2 | 48.3 | 72.5 |



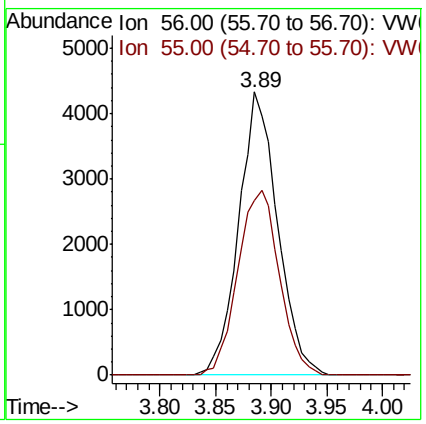


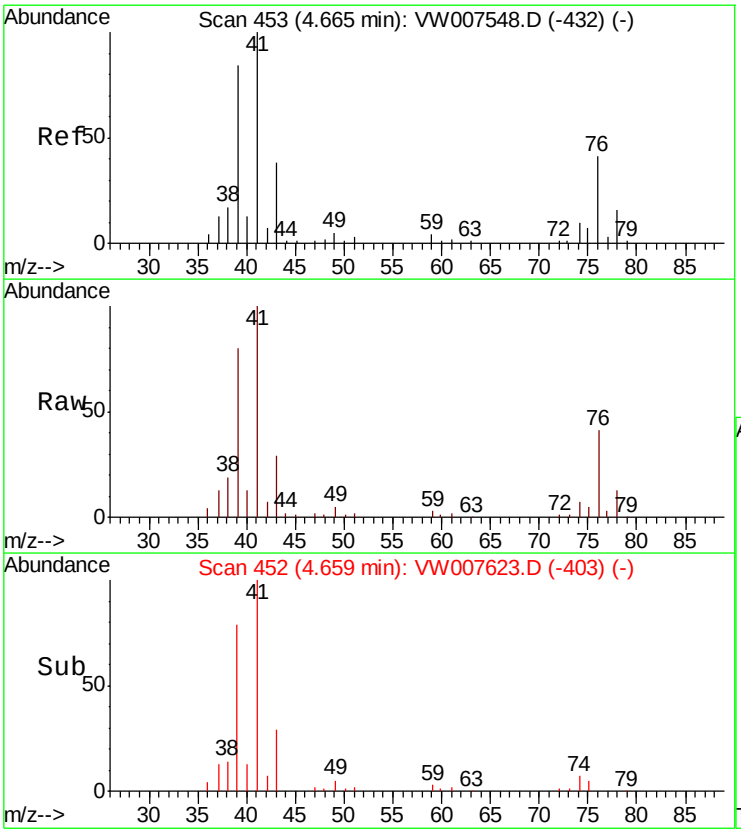

#13
Acrolein
Concen: 262.200 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 56 Resp: 10510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.6 | 57.4 | 86.2 |

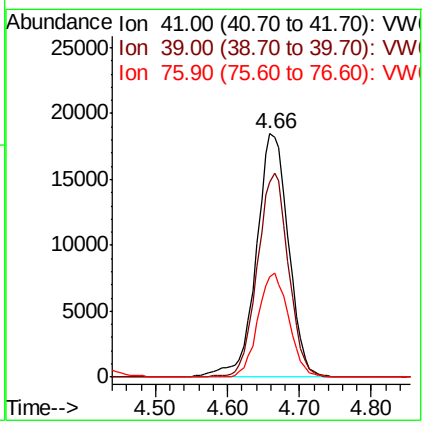


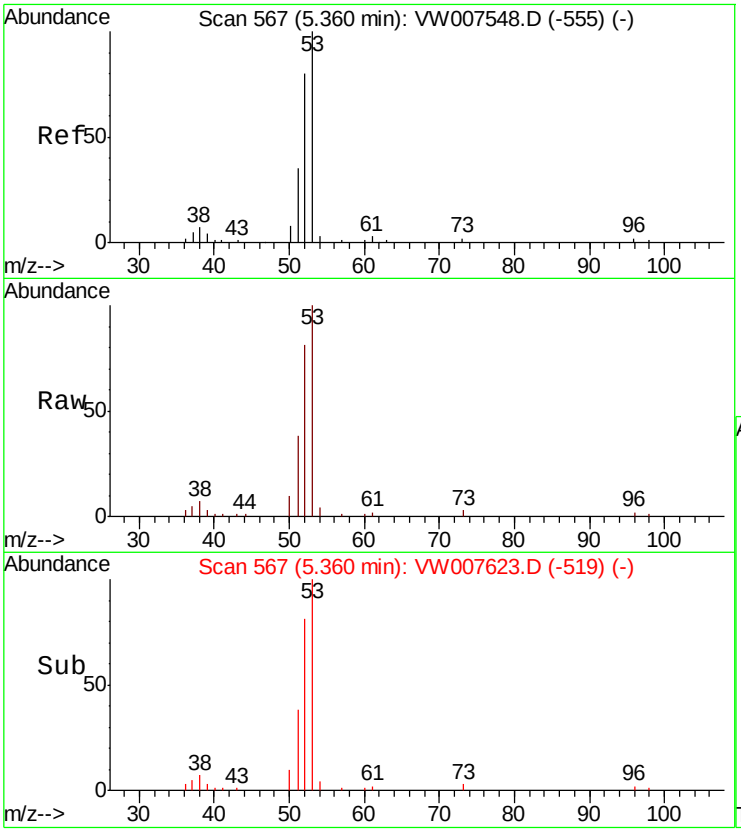




#14
Allyl chloride
Concen: 49.797 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 41 Resp: 57247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 80.9 | 63.4 | 95.2 |
| 76 | 41.0 | 32.1 | 48.1 |



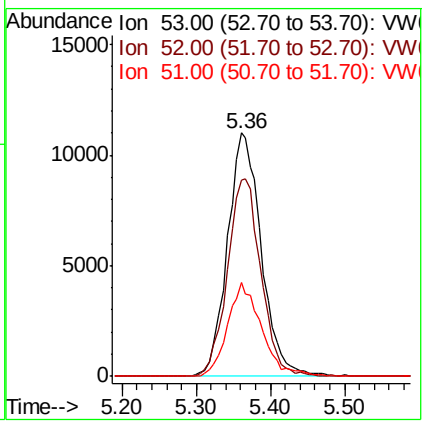


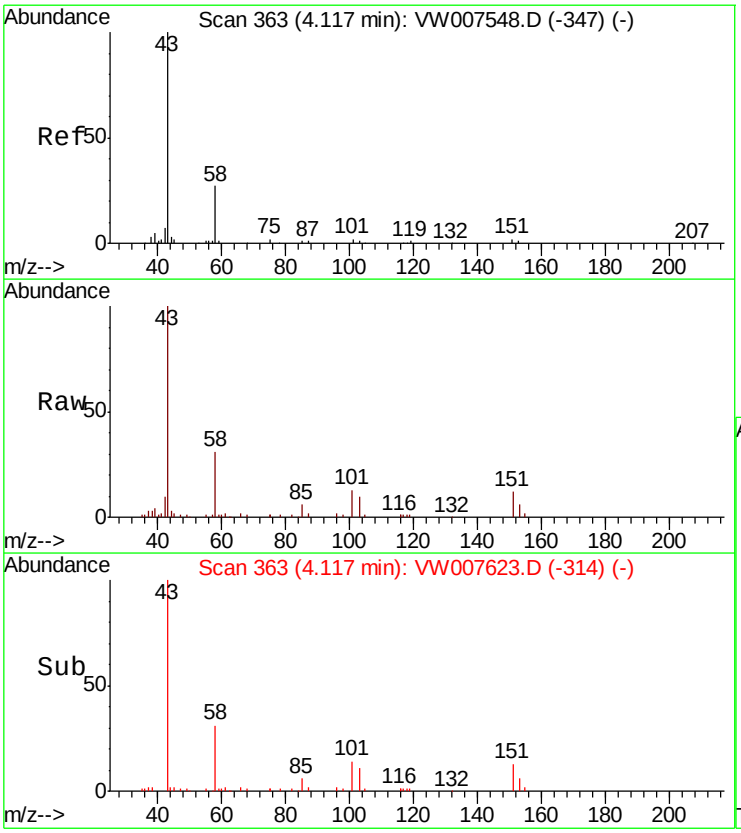

#15
Acrylonitrile
Concen: 215.758 ug/l
RT: 5.36 min Scan# 567
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 53 Resp: 34948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.4 | 67.4 | 101.2 |
| 51 | 38.4 | 30.2 | 45.2 |

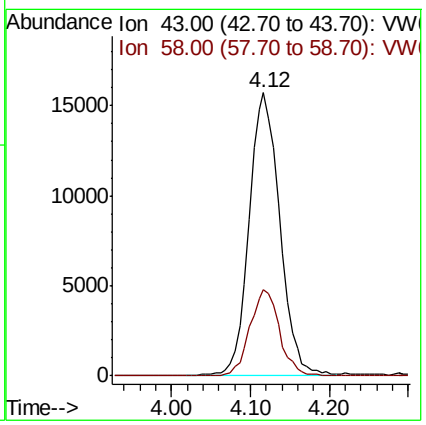


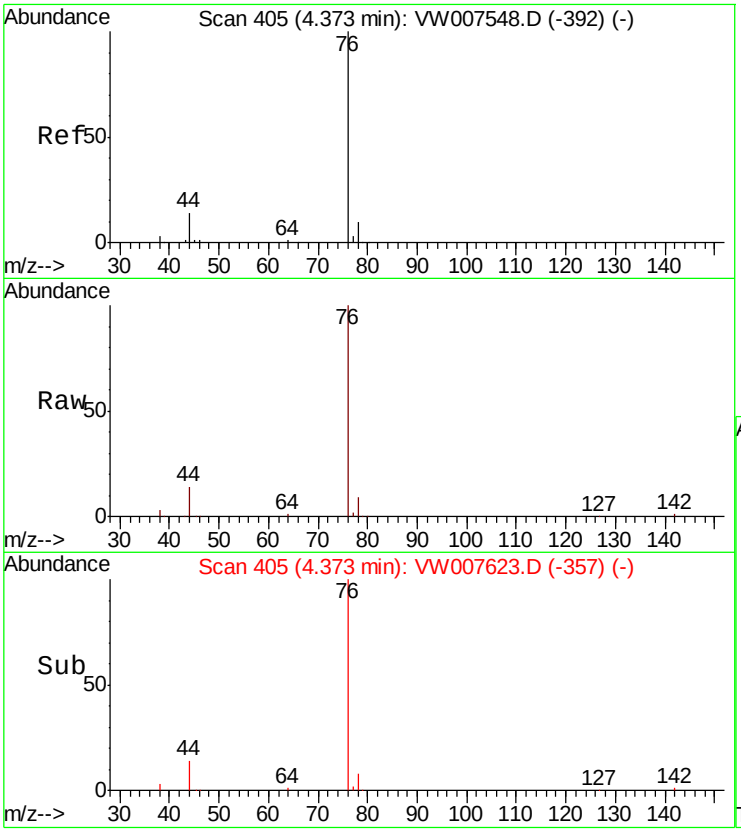




#16
Acetone
Concen: 276.893 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 43 Resp: 42660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.6 | 24.9 | 37.3 |



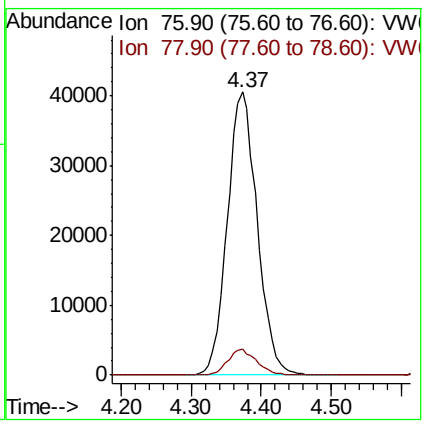


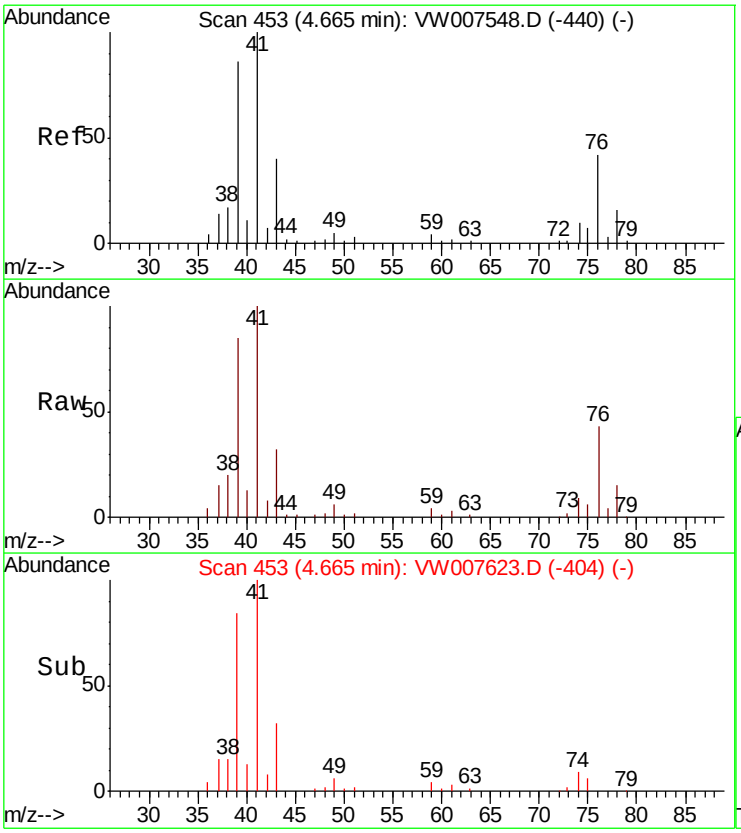

#17
Carbon Disulfide
Concen: 50.734 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 76 Resp: 119974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.1 | 10.7 |

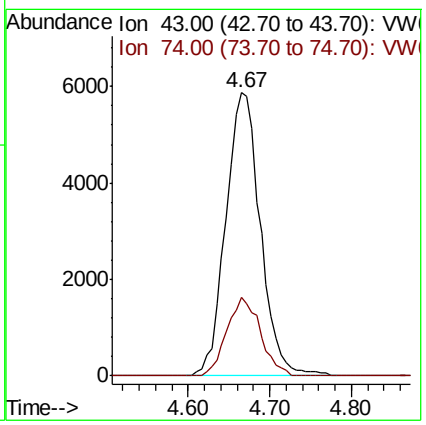


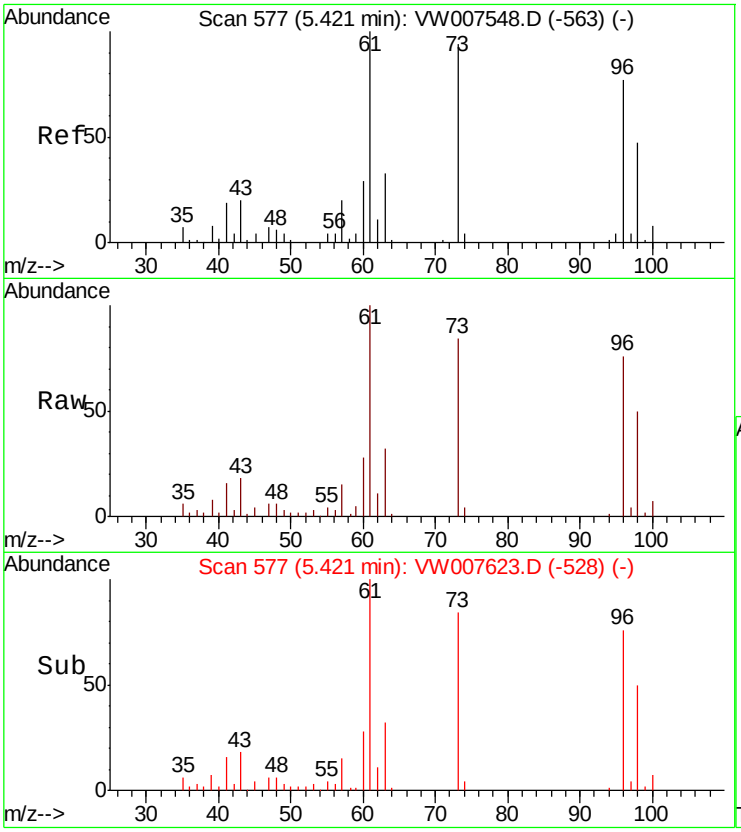




#18
Methyl Acetate
Concen: 41.083 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 43 Resp: 17179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.8 | 21.1 | 31.7 |



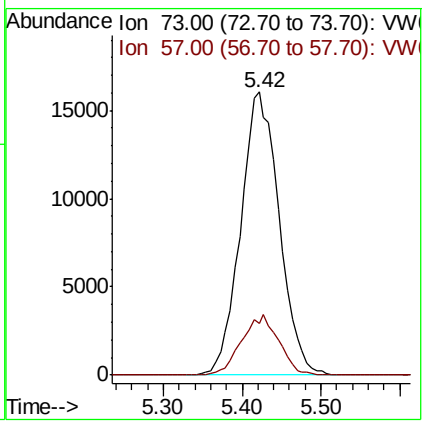


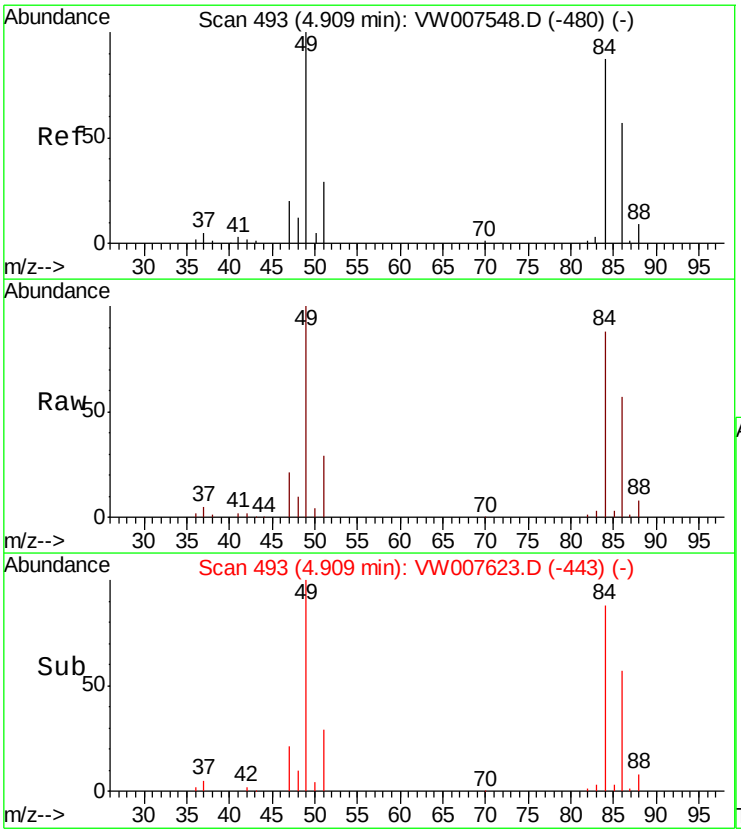

#19
Methyl tert-butyl Ether
Concen: 46.221 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 73 Resp: 54382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.2 | 16.4 | 24.6 |

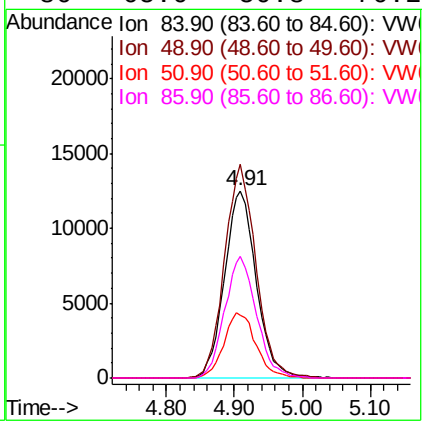


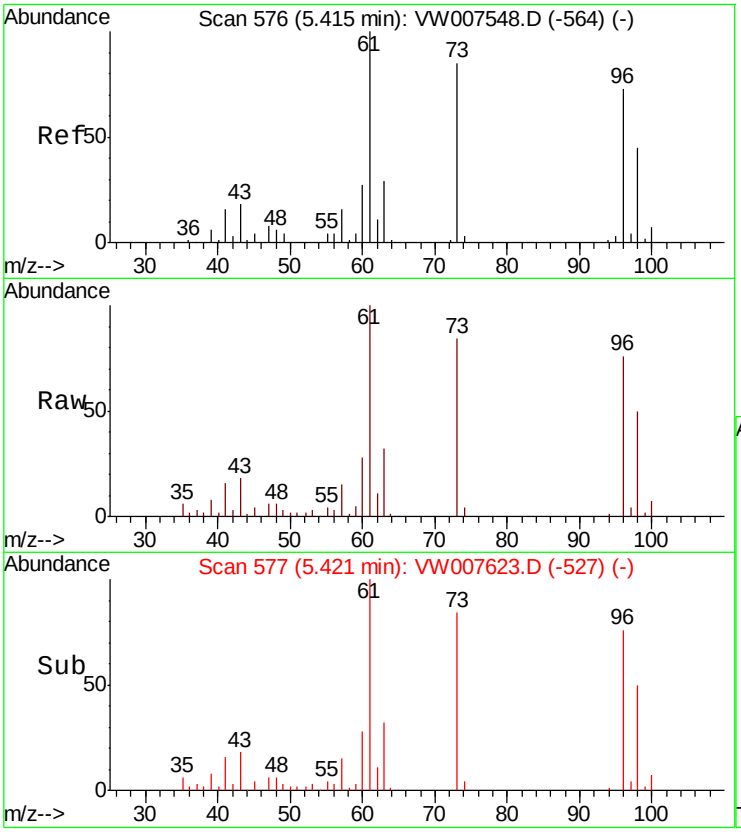




#20
Methylene Chloride
Concen: 47.697 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 84 Resp: 40338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.2 | 87.1 | 130.7 |
| 51 | 33.6 | 28.2 | 42.2 |
| 86 | 65.0 | 50.8 | 76.2 |



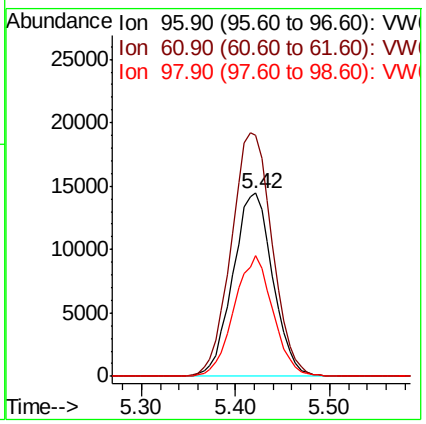


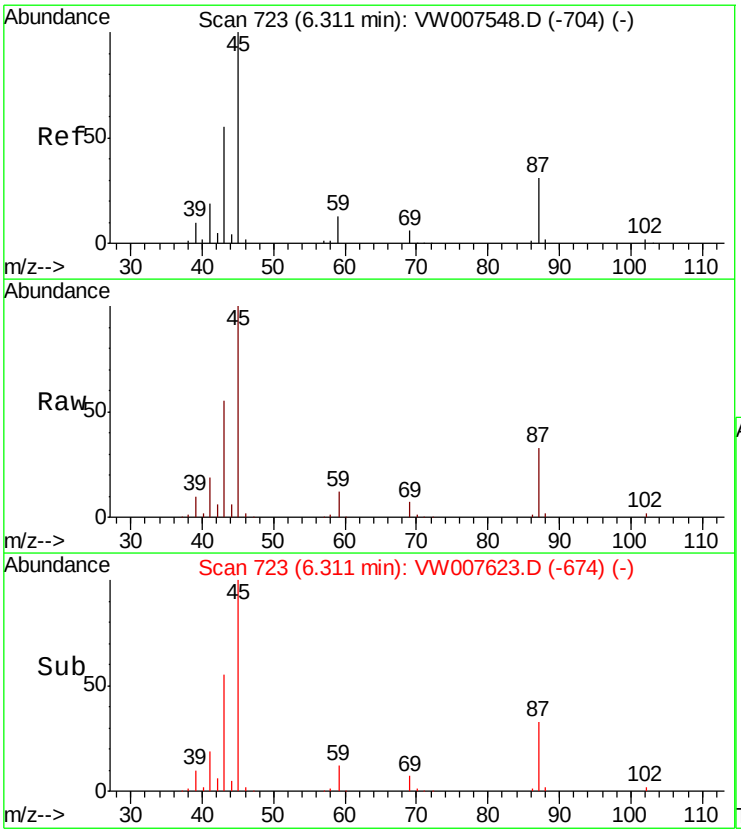

#21
trans-1,2-Dichloroethene
Concen: 49.022 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 96 Resp: 42770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.9 | 105.0 | 157.6 |
| 98 | 66.1 | 49.7 | 74.5 |

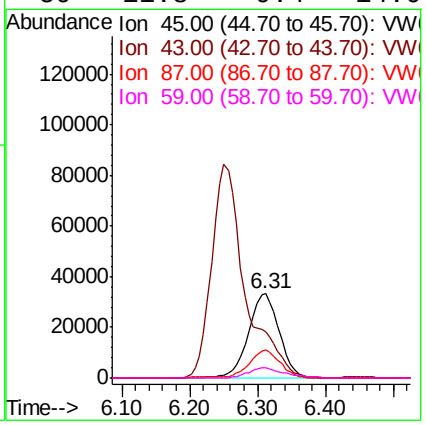


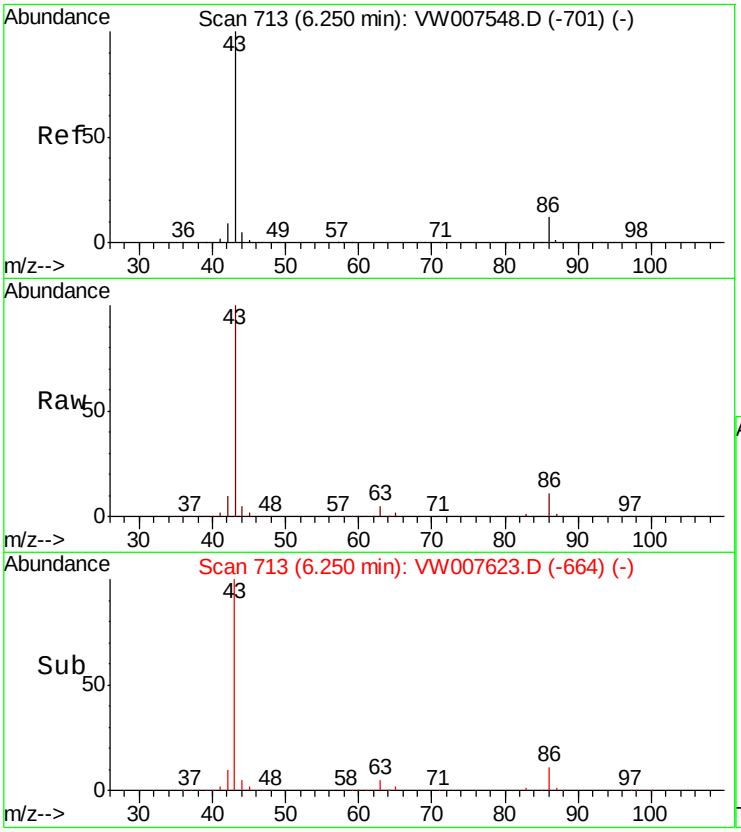




#22
Diisopropyl ether
Concen: 47.561 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 45 Resp: 105098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 54.1 | 41.6 | 62.4 |
| 87 | 33.2 | 24.3 | 36.5 |
| 59 | 11.8 | 9.4 | 14.0 |



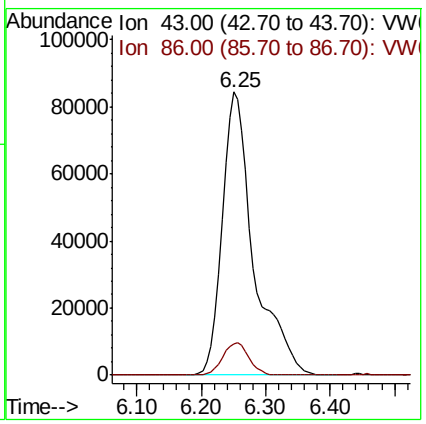


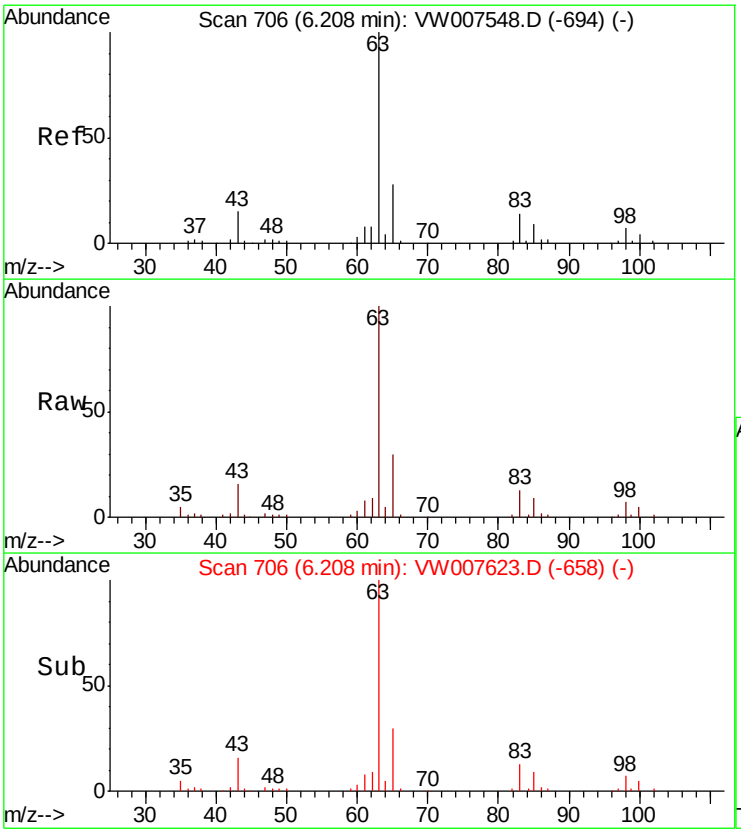

#23
Vinyl Acetate
Concen: 233.934 ug/l
RT: 6.25 min Scan# 713
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 43 Resp: 289138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.9 | 8.6 | 12.8 |

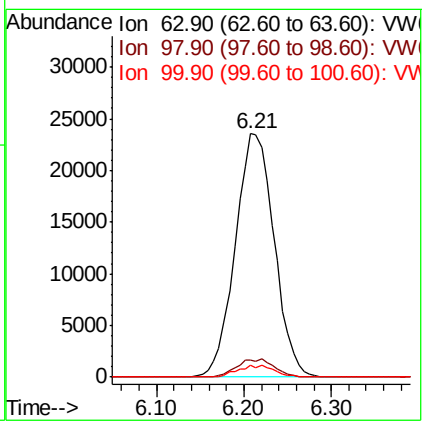


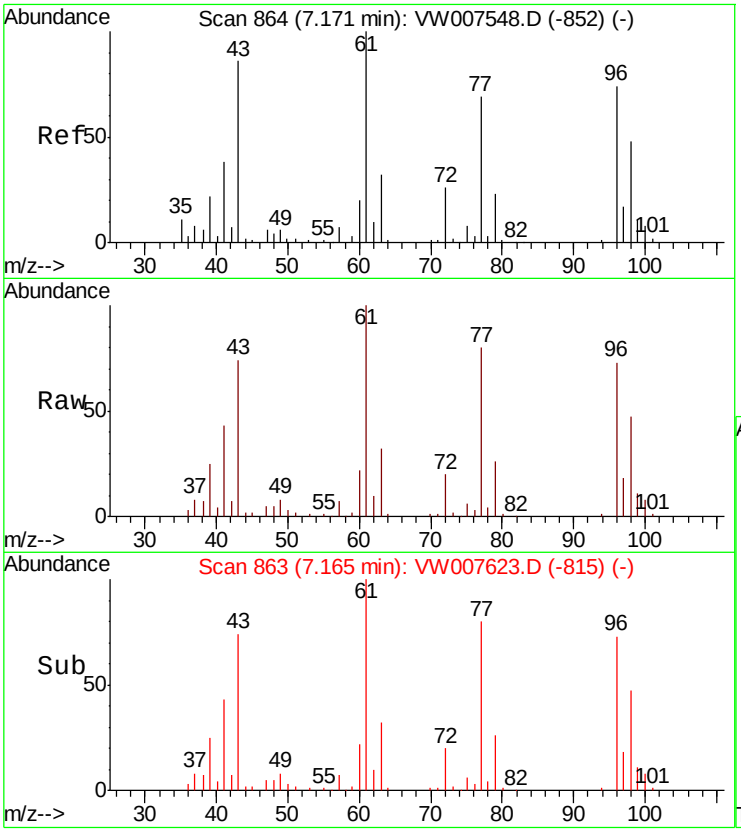




#24
1,1-Dichloroethane
Concen: 48.601 ug/l
RT: 6.21 min Scan# 706
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 63 Resp: 72584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.9 | 3.5 | 10.4 |
| 100 | 4.7 | 2.5 | 7.5 |



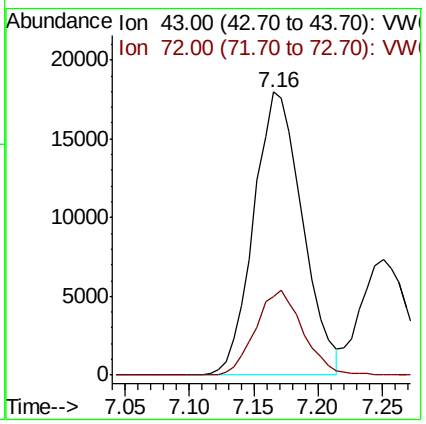


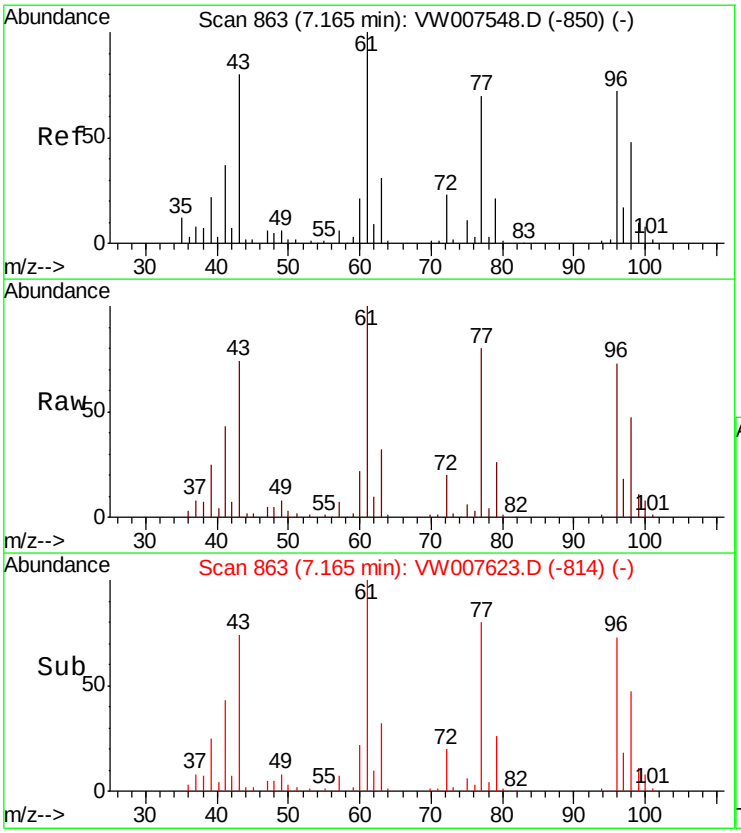

#25
2-Butanone
Concen: 234.663 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 43 Resp: 47199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.8 | 23.4 | 35.2 |

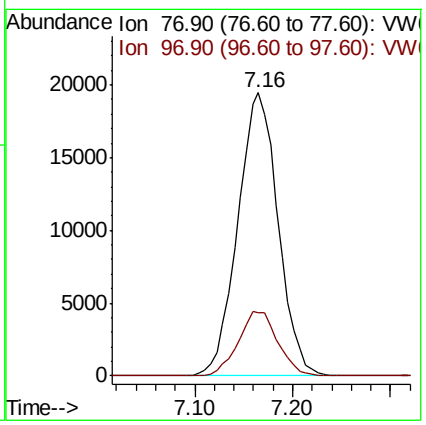


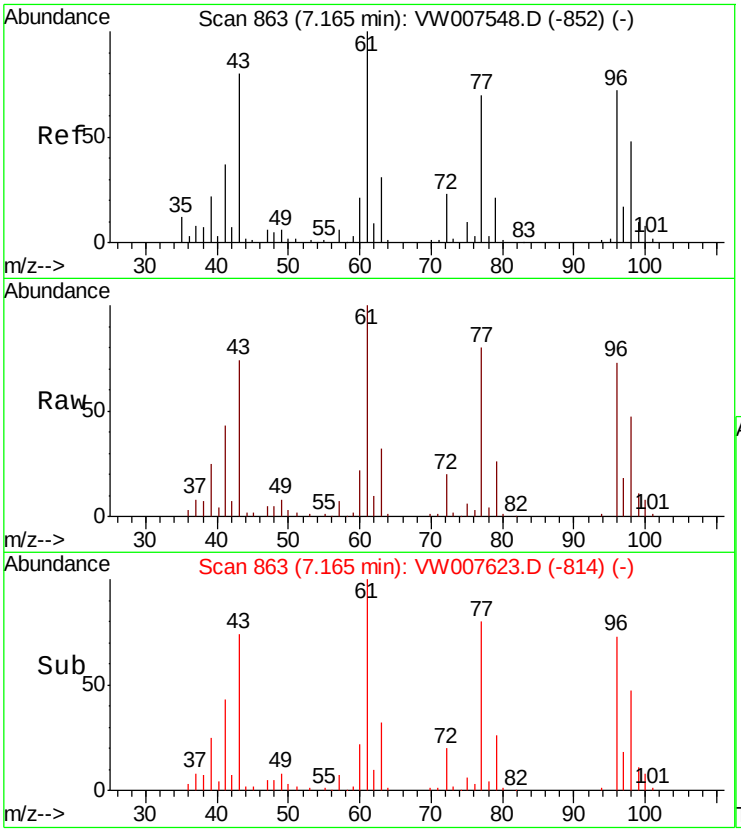




#26
2,2-Dichloropropane
Concen: 56.370 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 77 Resp: 55717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.3 | 11.6 | 34.8 |



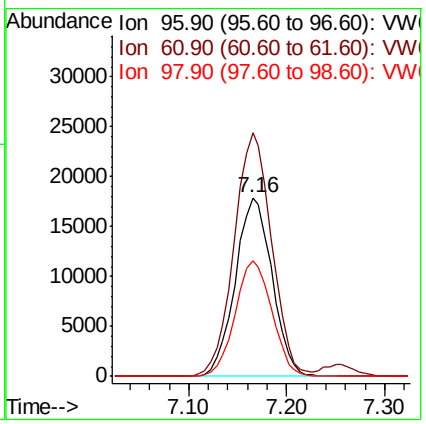


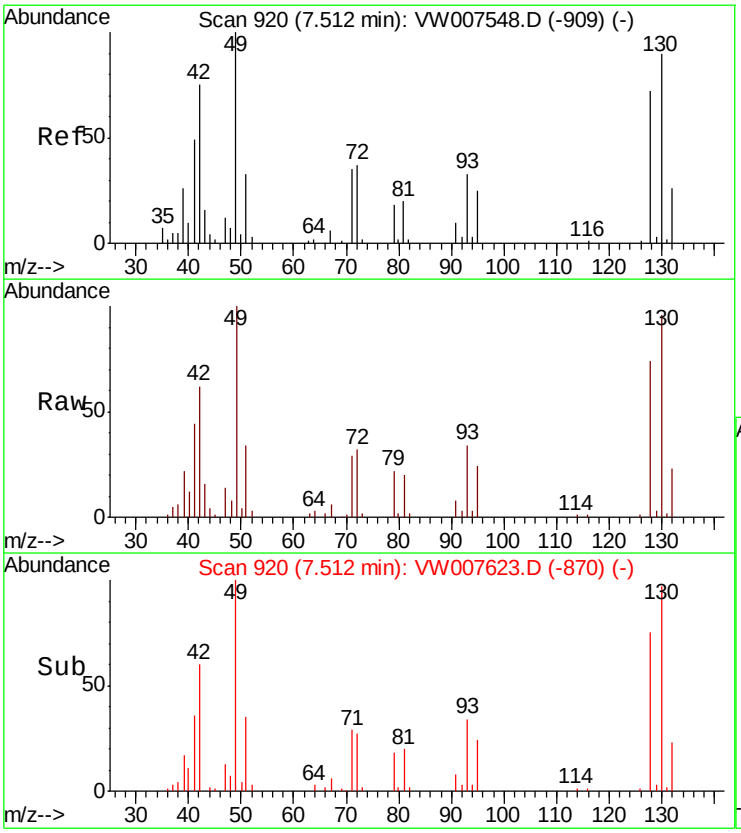

#27
cis-1,2-Dichloroethene
Concen: 48.747 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 96 Resp: 46568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.3 | 0.0 | 268.4 |
| 98 | 64.5 | 0.0 | 127.8 |

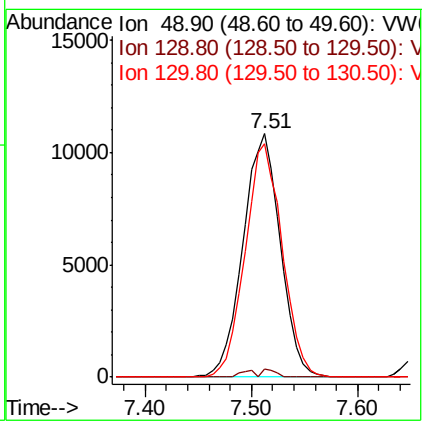


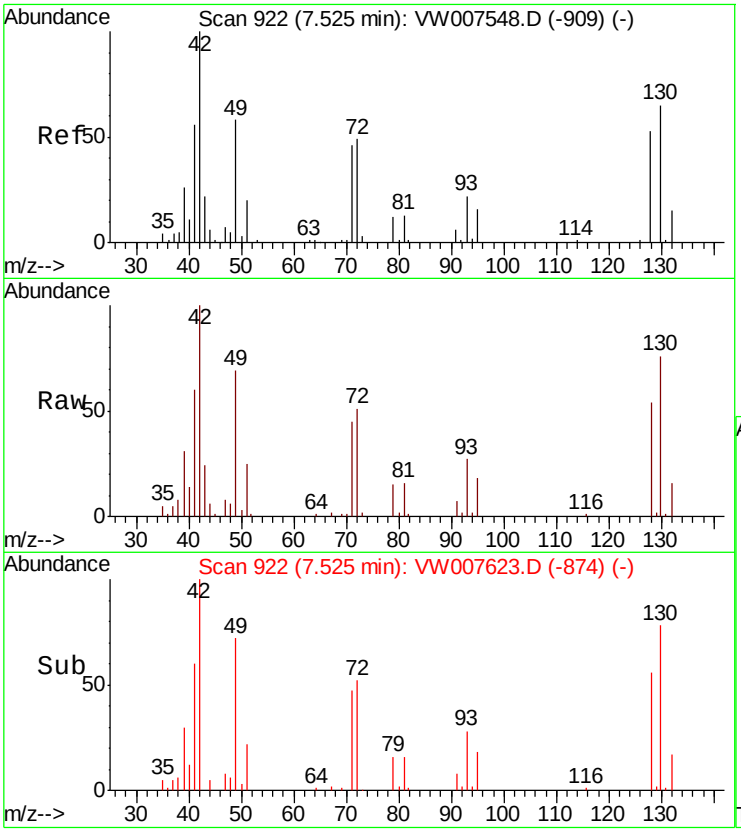




#28
Bromochloromethane
Concen: 47.476 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 49 Resp: 26670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.2 | 0.0 | 2.6 |
| 130 | 95.1 | 75.9 | 113.9 |



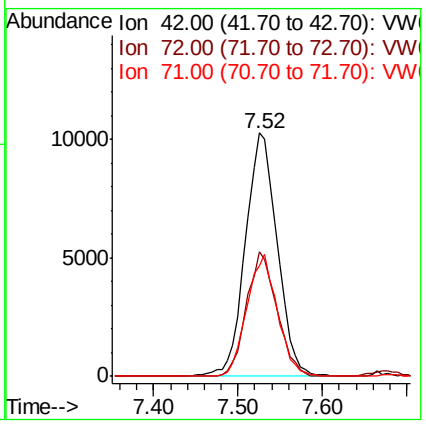


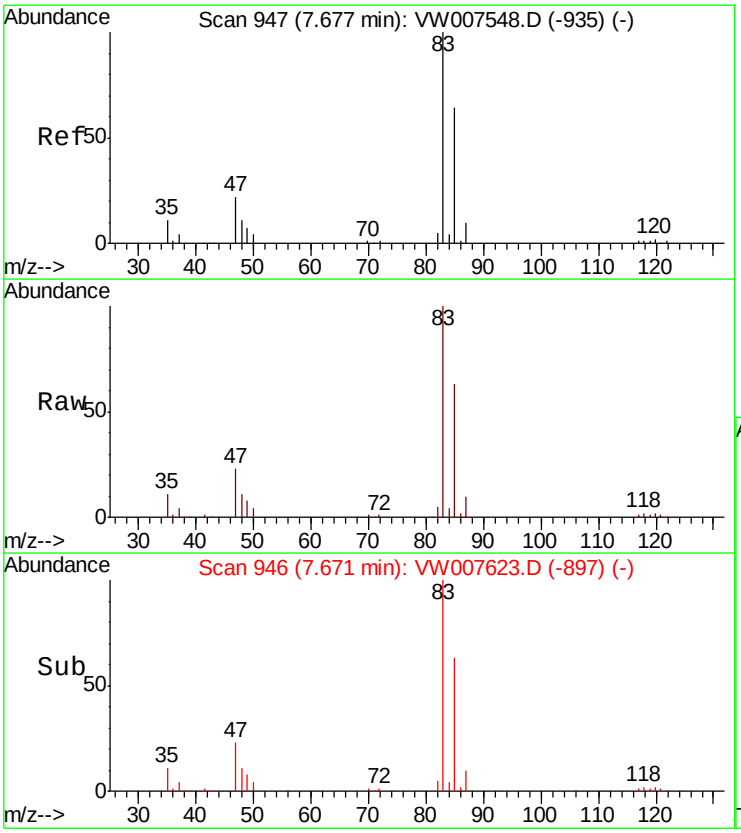

#29
Tetrahydrofuran
Concen: 207.105 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 42 Resp: 26371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.7 | 38.2 | 57.4 |
| 71 | 47.9 | 35.5 | 53.3 |

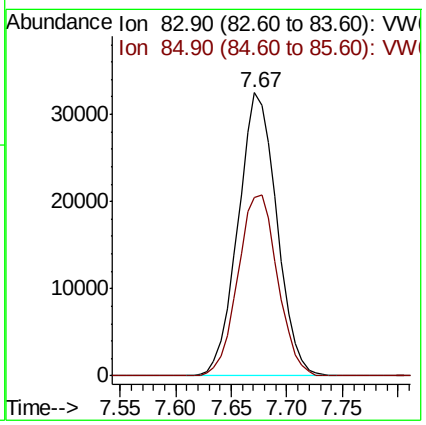


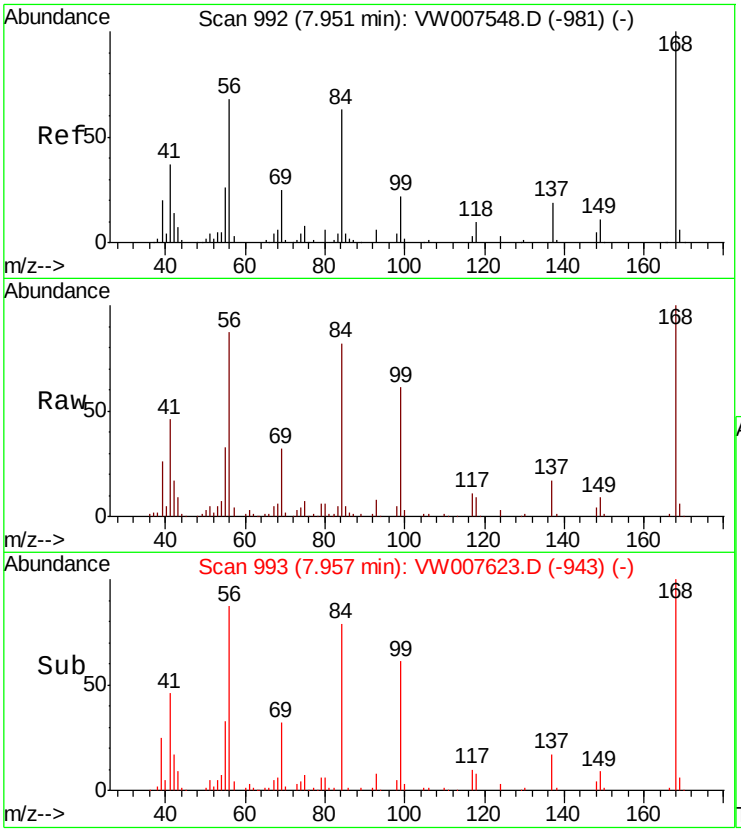




#30
Chloroform
Concen: 48.298 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 83 Resp: 78497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.0 | 51.8 | 77.8 |



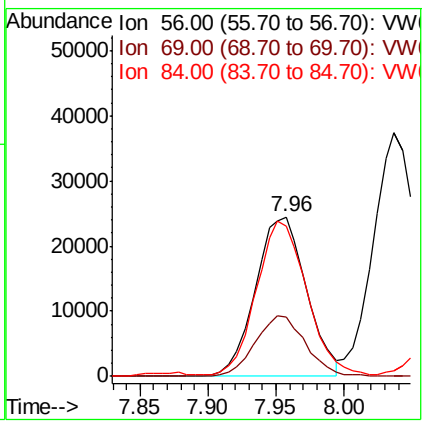


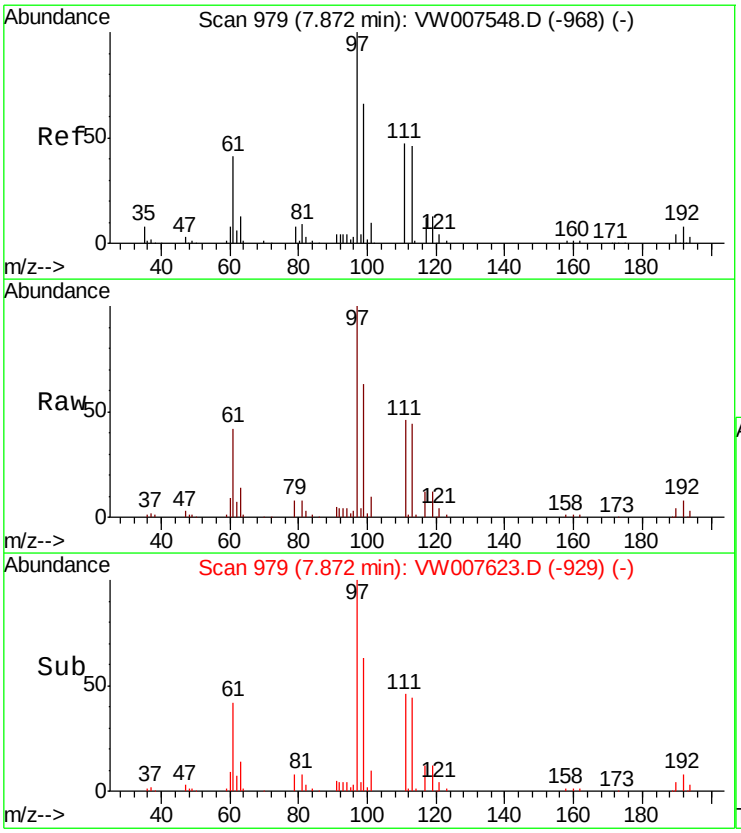

#31
Cyclohexane
Concen: 46.846 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 56 Resp: 64191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 37.1 | 28.9 | 43.3 |
| 84 | 92.8 | 71.8 | 107.6 |

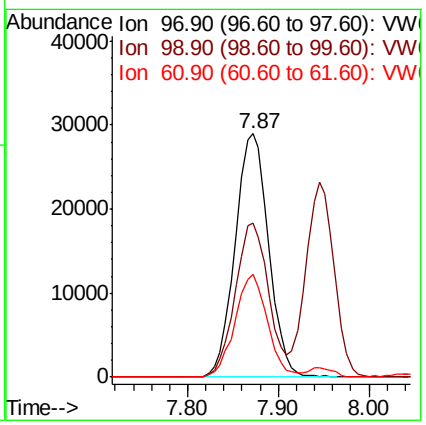


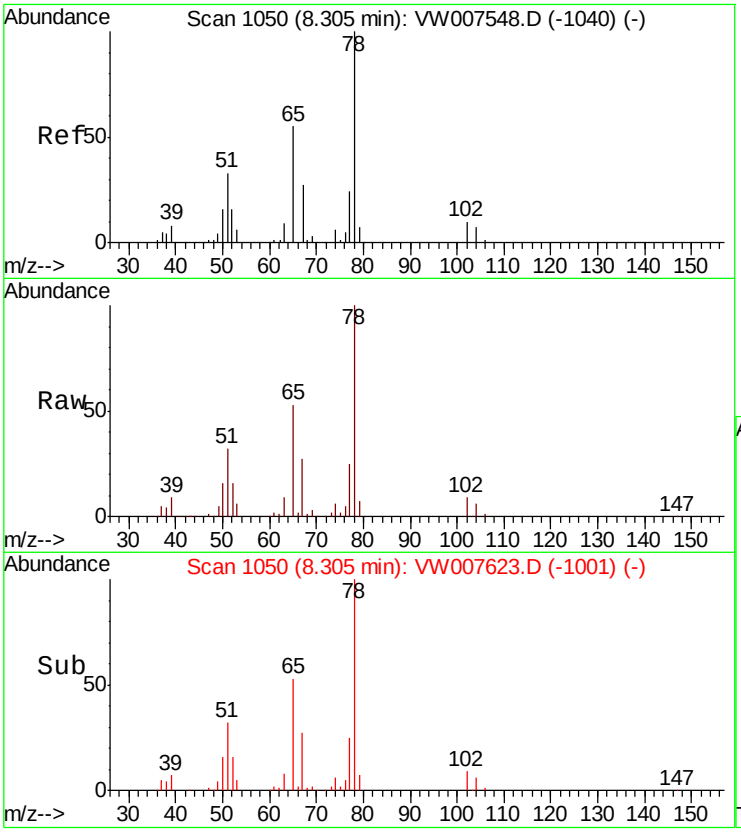




#32
1,1,1-Trichloroethane
Concen: 51.882 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 97 Resp: 73945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.1 | 51.1 | 76.7 |
| 61 | 41.1 | 33.2 | 49.8 |



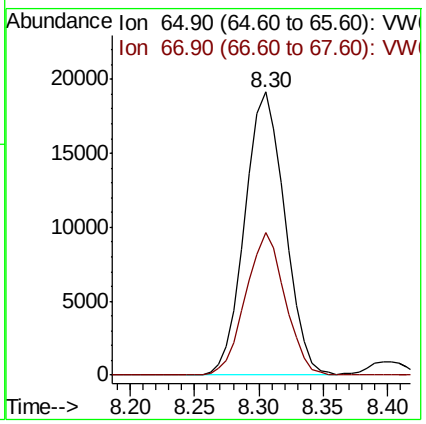


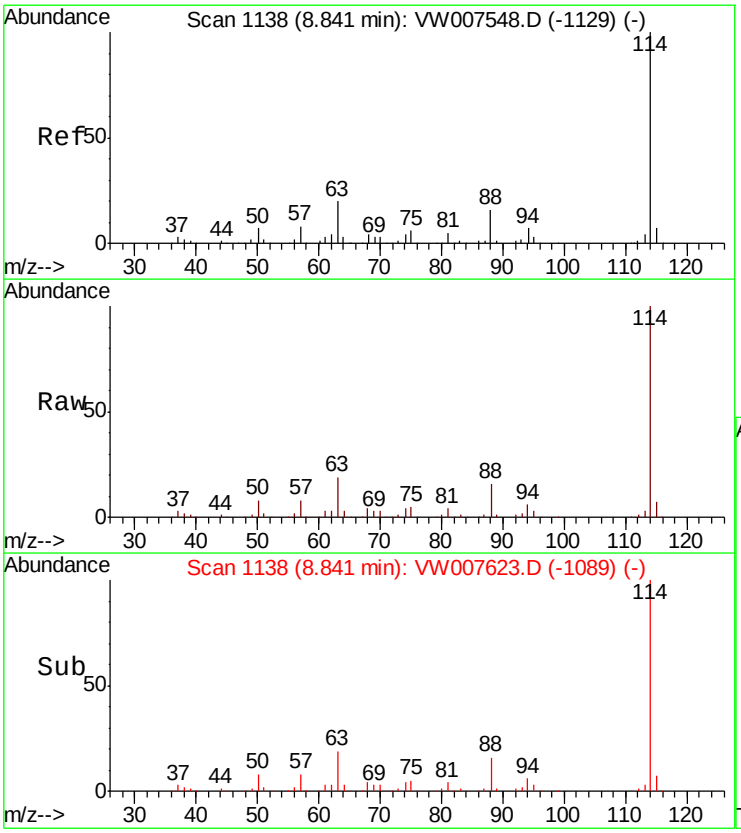

#33
1,2-Dichloroethane-d4
Concen: 46.743 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 65 Resp: 41229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.3 | 0.0 | 101.6 |

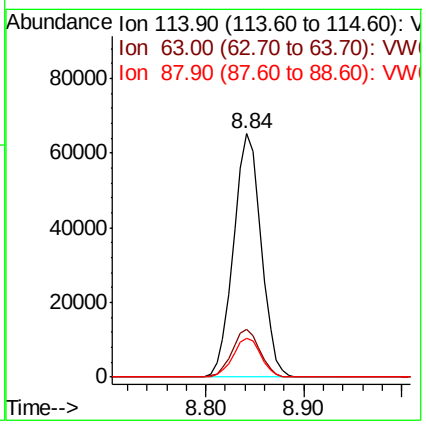


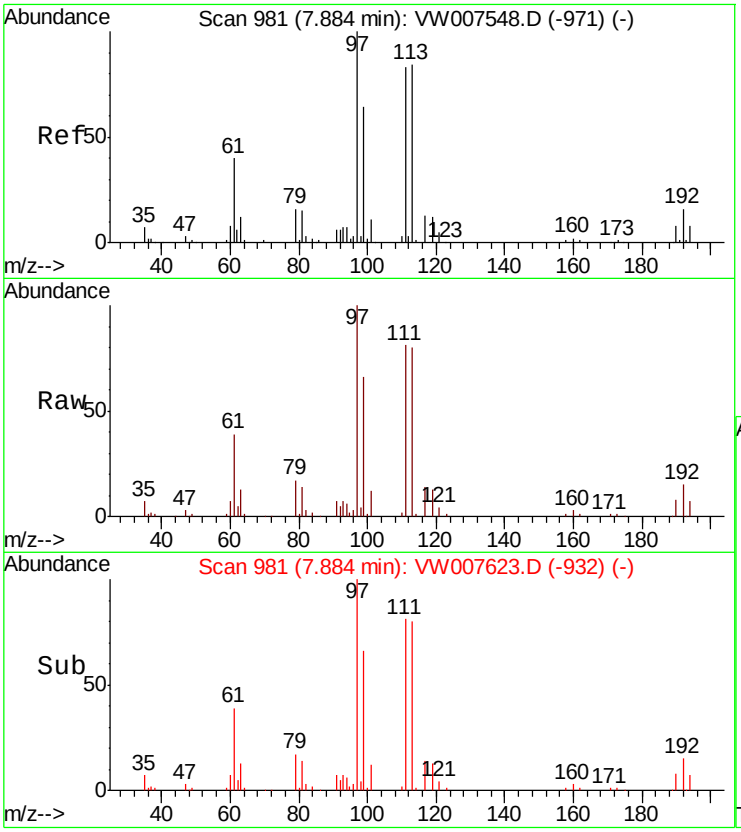




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:114 Resp: 128002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.4 | 0.0 | 39.6 |
| 88 | 15.7 | 0.0 | 31.4 |



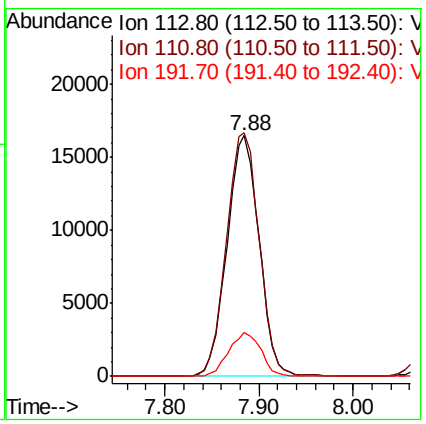


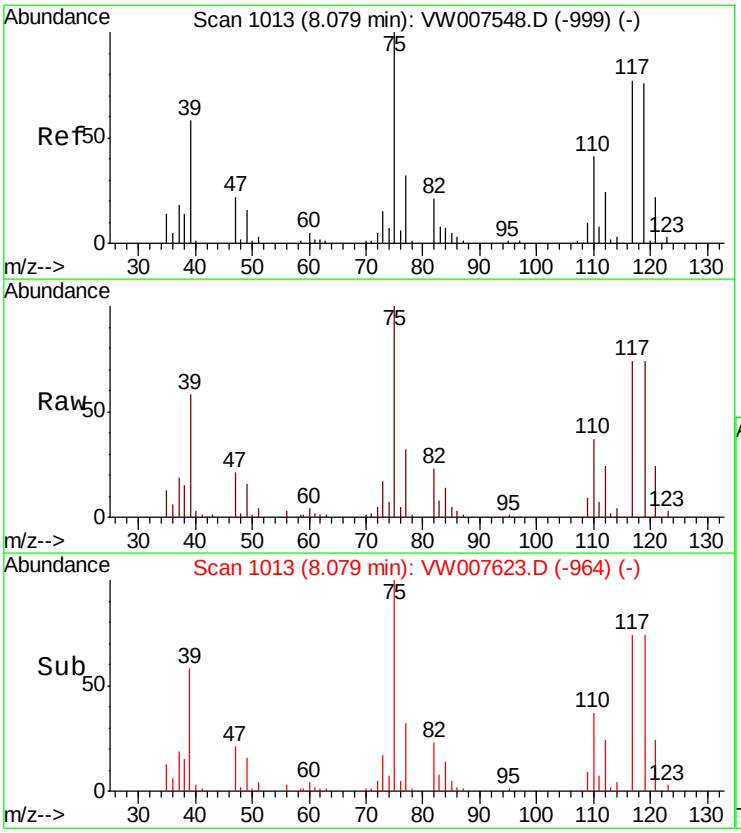

#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:113 Resp: 39063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 81.1 | 121.7 |
| 192 | 18.2 | 14.6 | 21.8 |

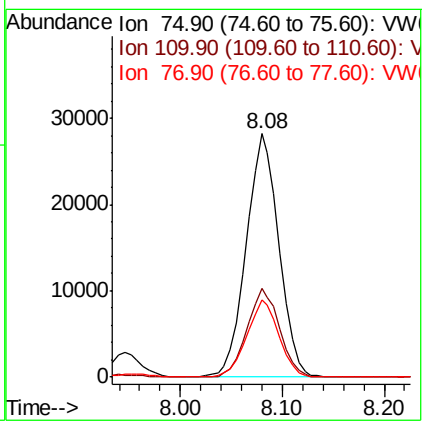


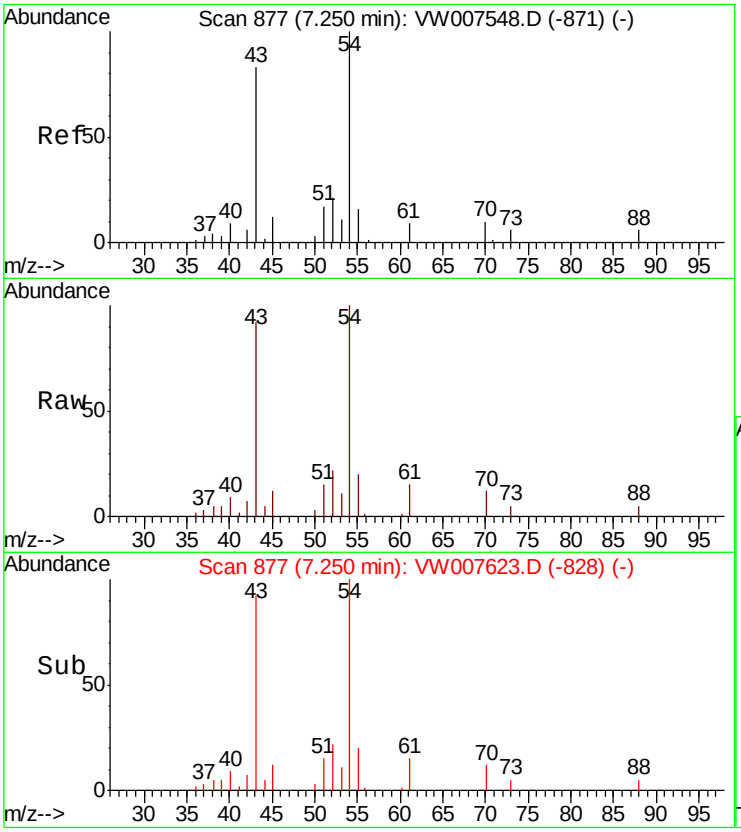




#36
1,1-Dichloropropene
Concen: 53.840 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 75 Resp: 62868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.1 | 18.5 | 55.5 |
| 77 | 31.0 | 25.6 | 38.4 |



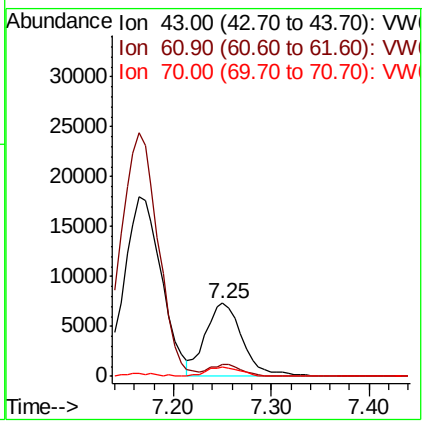


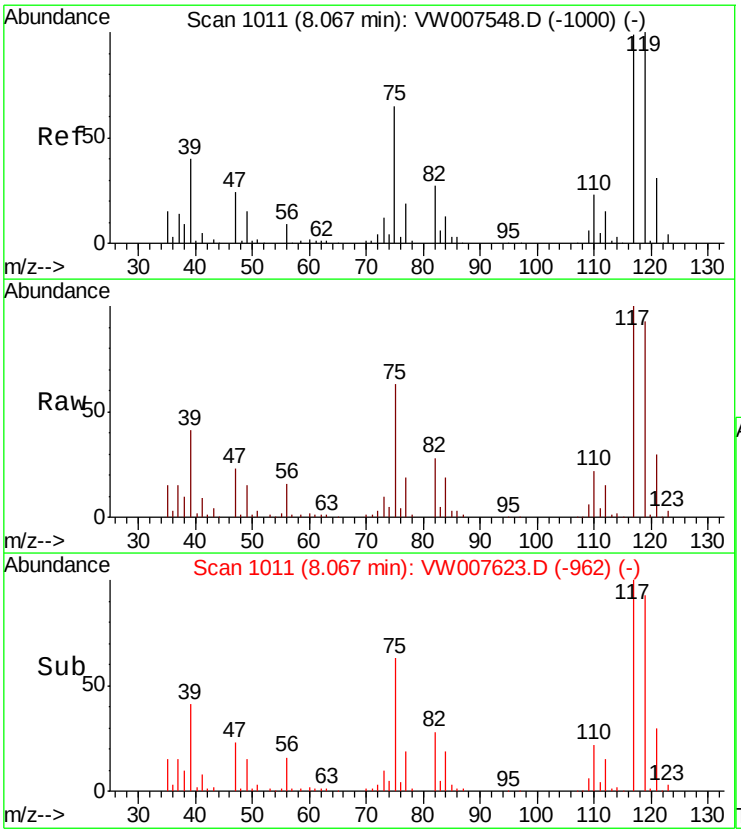

#37
Ethyl Acetate
Concen: 44.603 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 43 Resp: 19371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.9 | 12.1 | 18.1 |
| 70 | 11.4 | 10.0 | 15.0 |

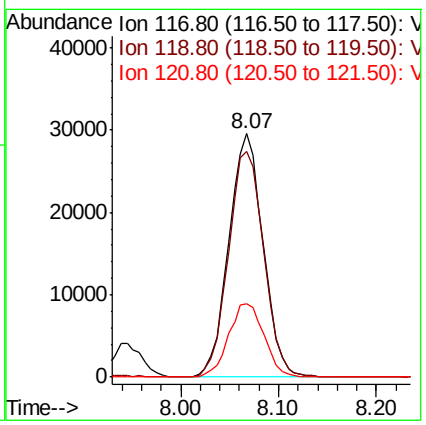


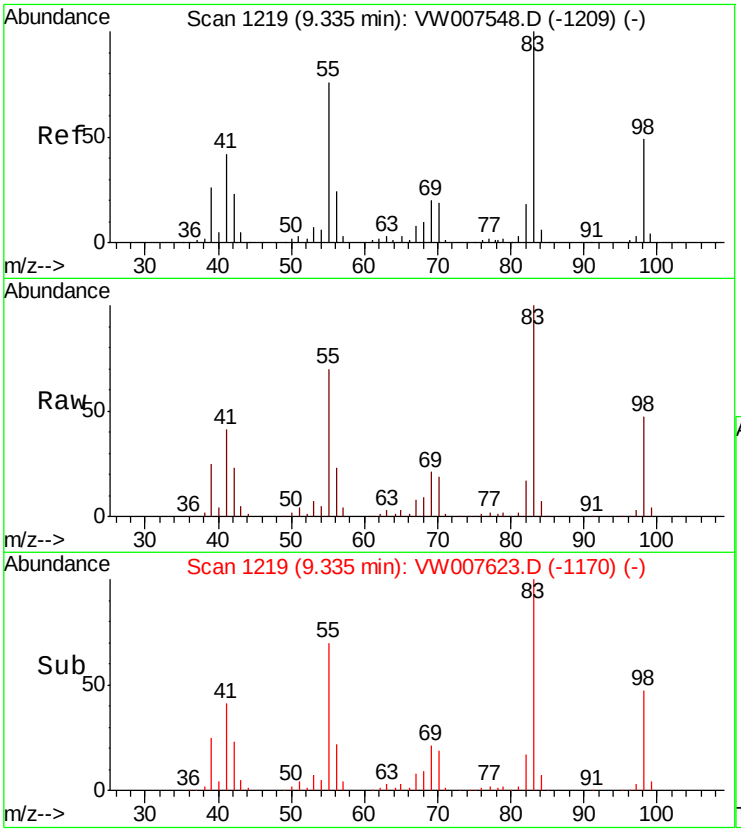




#38
Carbon Tetrachloride
Concen: 56.507 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:117 Resp: 71794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.8 | 74.3 | 111.5 |
| 121 | 29.9 | 24.3 | 36.5 |



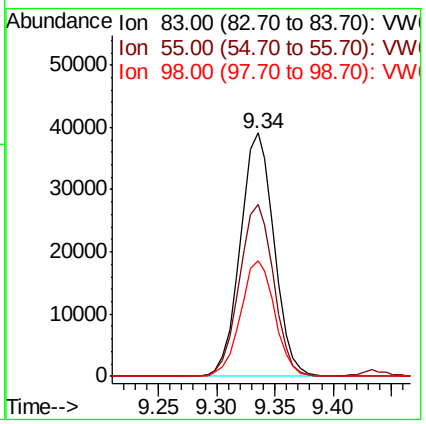


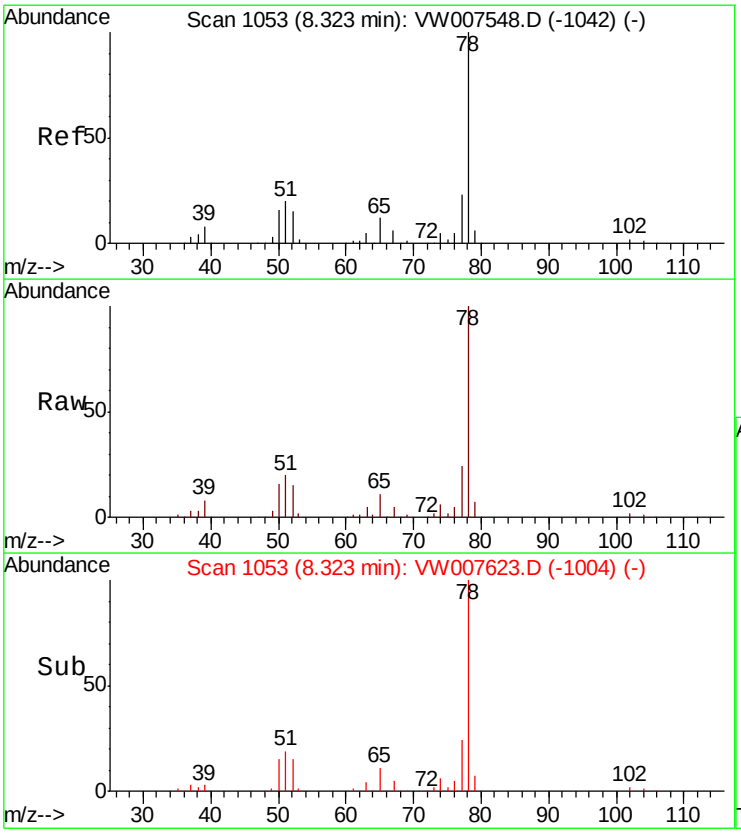

#39
Methylcyclohexane
Concen: 55.957 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 83 Resp: 79119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 70.4 | 62.8 | 94.2 |
| 98 | 47.4 | 42.2 | 63.2 |

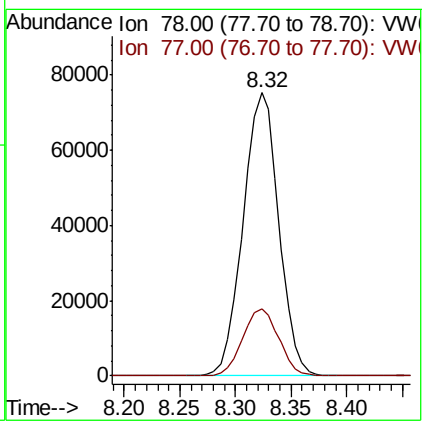


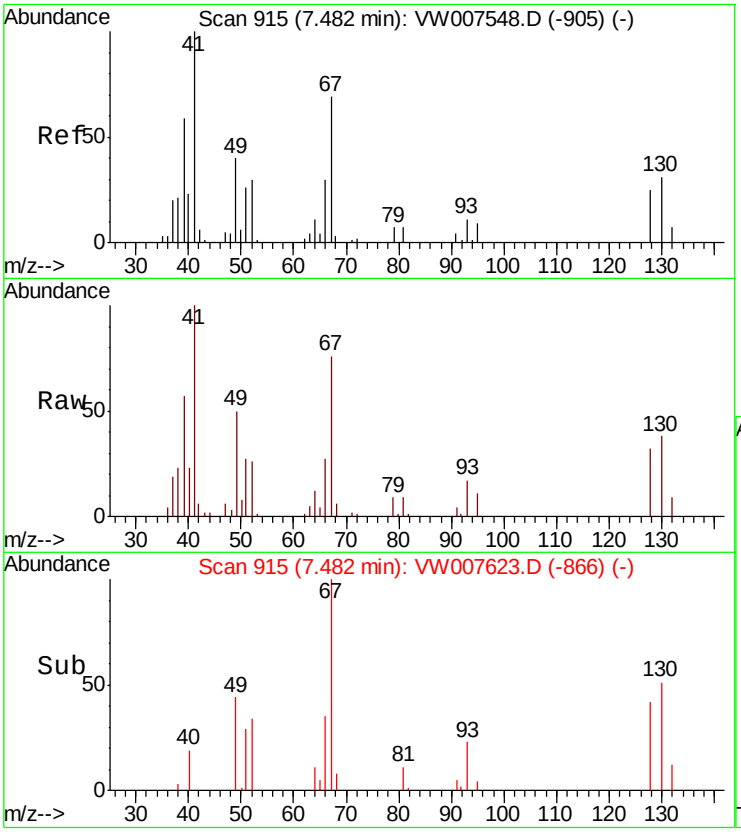




#40
Benzene
Concen: 51.806 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 78 Resp: 167879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.9 | 18.8 | 28.2 |



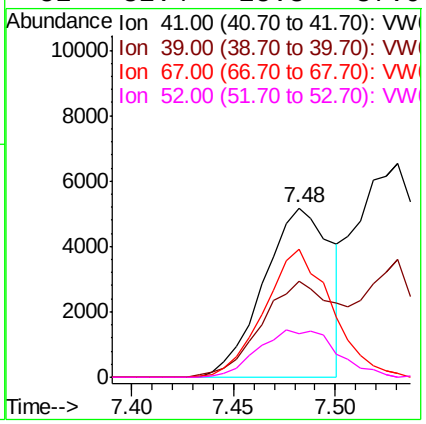


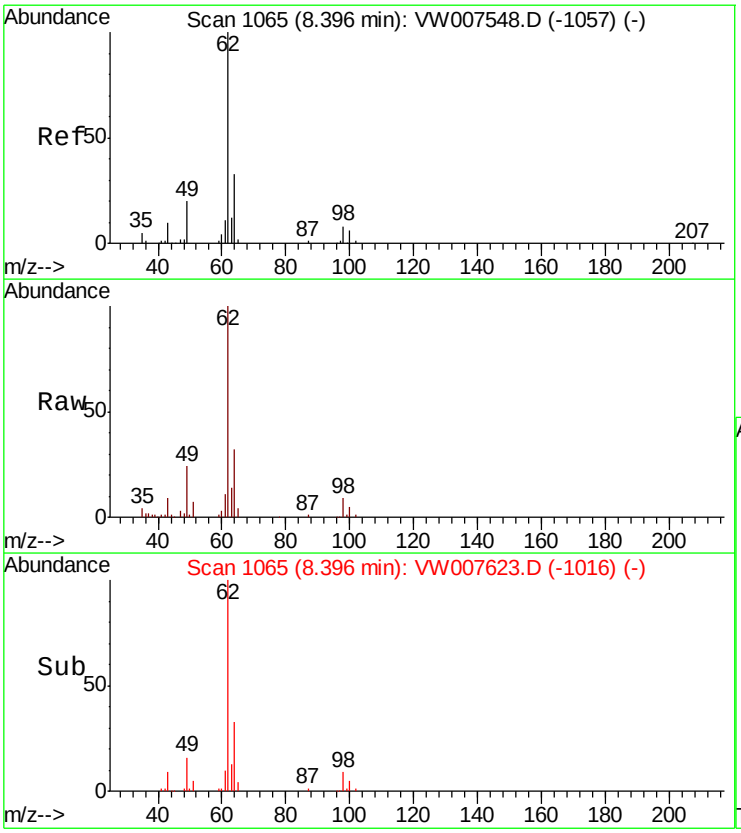

#41
Methacrylonitrile
Concen: 48.367 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 41 Resp: 11962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 64.4 | 52.2 | 78.2 |
| 67 | 75.7 | 60.5 | 90.7 |
| 52 | 32.4 | 25.3 | 37.9 |

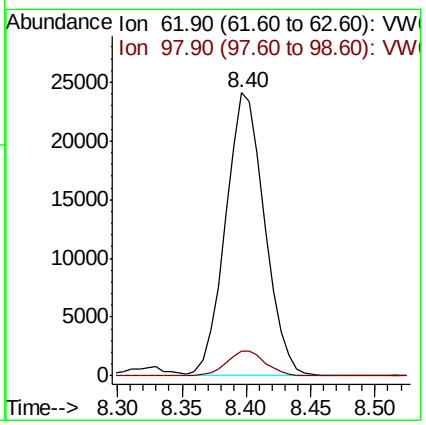


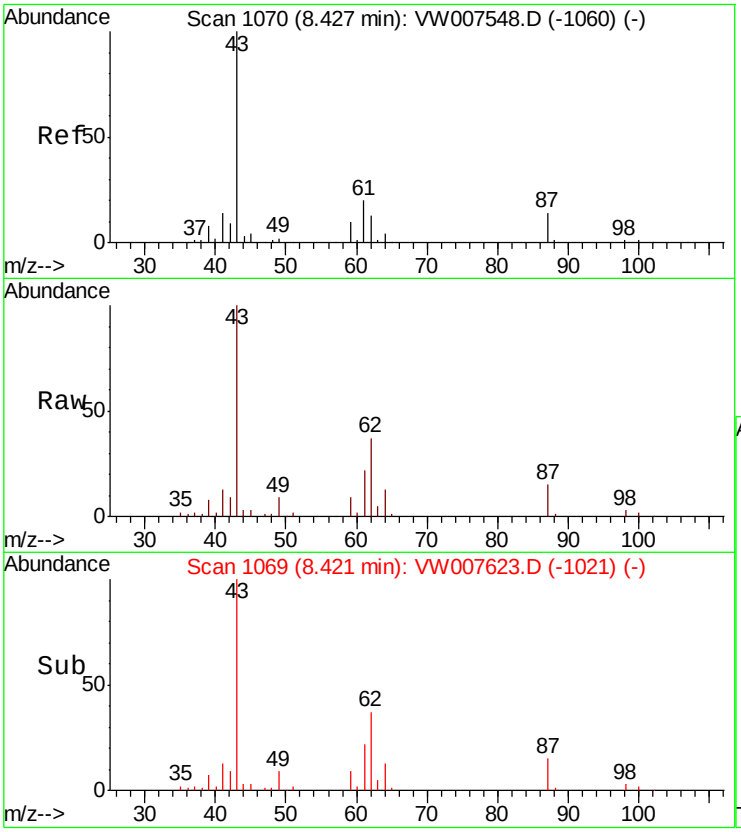




#42
1,2-Dichloroethane
Concen: 50.001 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 62 Resp: 50898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.6 | 0.0 | 17.6 |



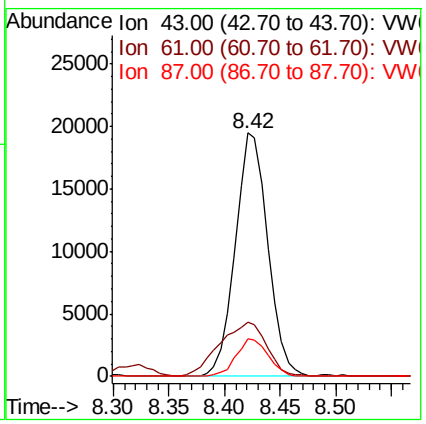


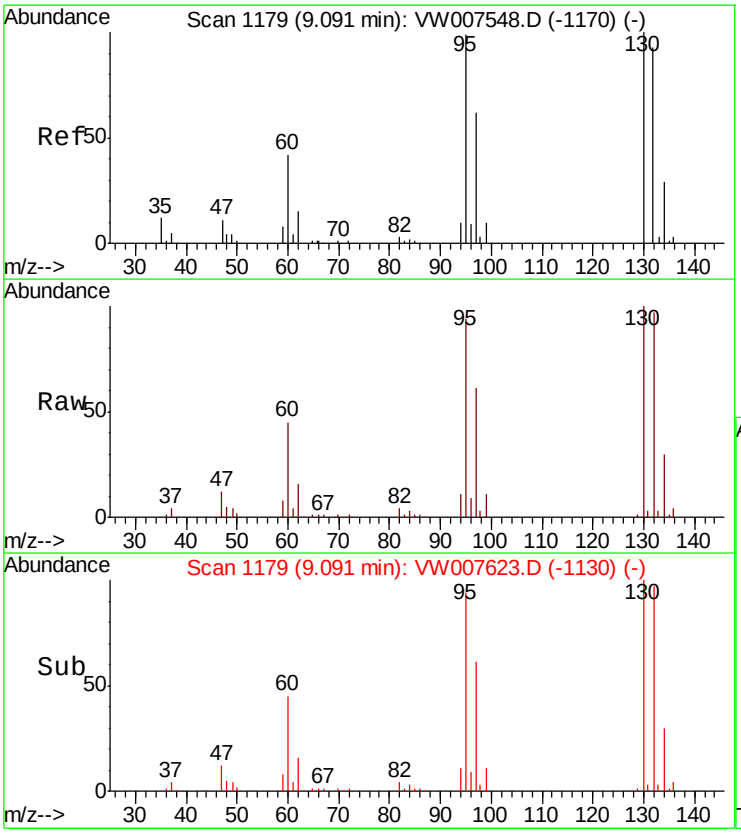

#43
Isopropyl Acetate
Concen: 46.165 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 43 Resp: 39604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 31.9 | 25.3 | 37.9 |
| 87 | 14.9 | 11.8 | 17.8 |

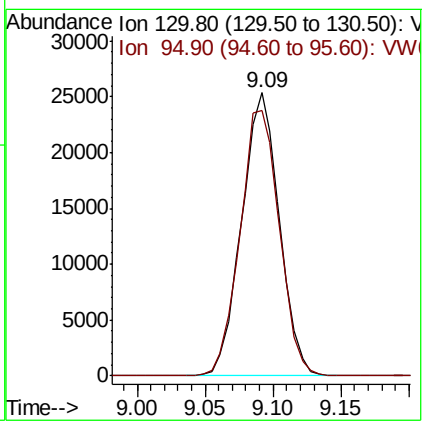


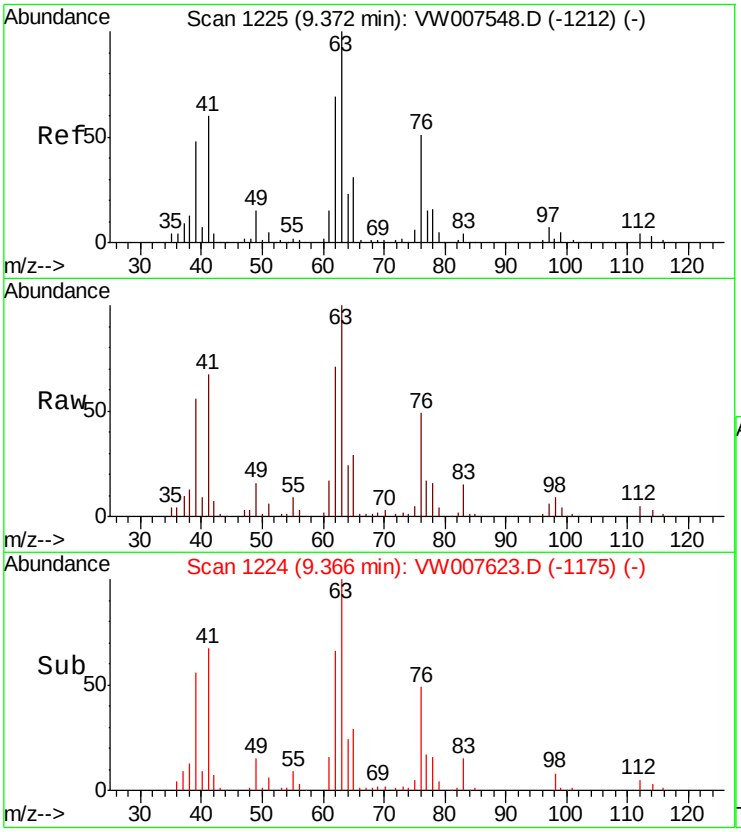




#44
Trichloroethene
Concen: 53.052 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:130 Resp: 49092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 93.8 | 0.0 | 193.2 |



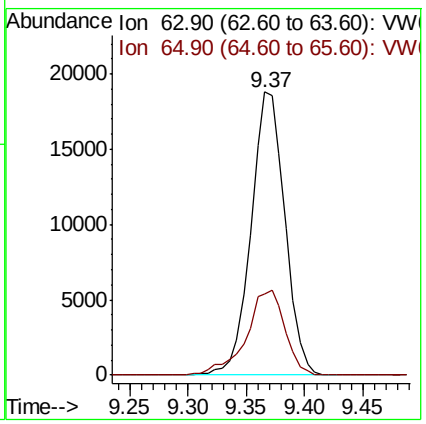


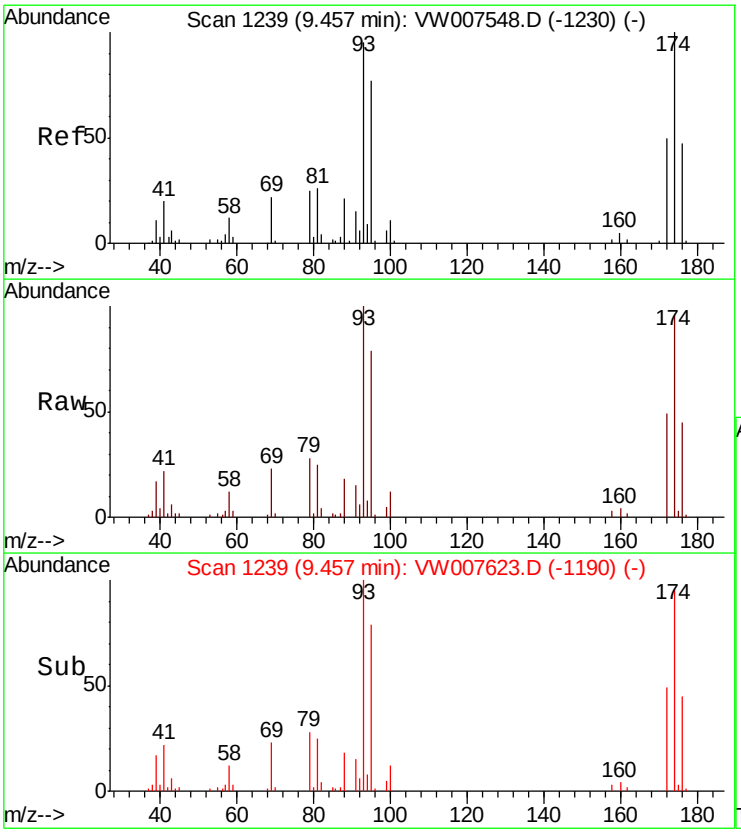

#45
1,2-Dichloropropane
Concen: 50.843 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 63 Resp: 38127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.6 | 24.4 | 36.6 |

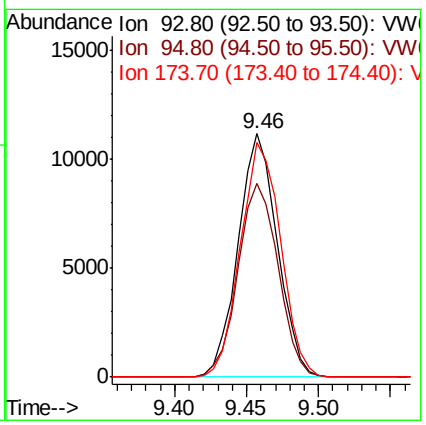


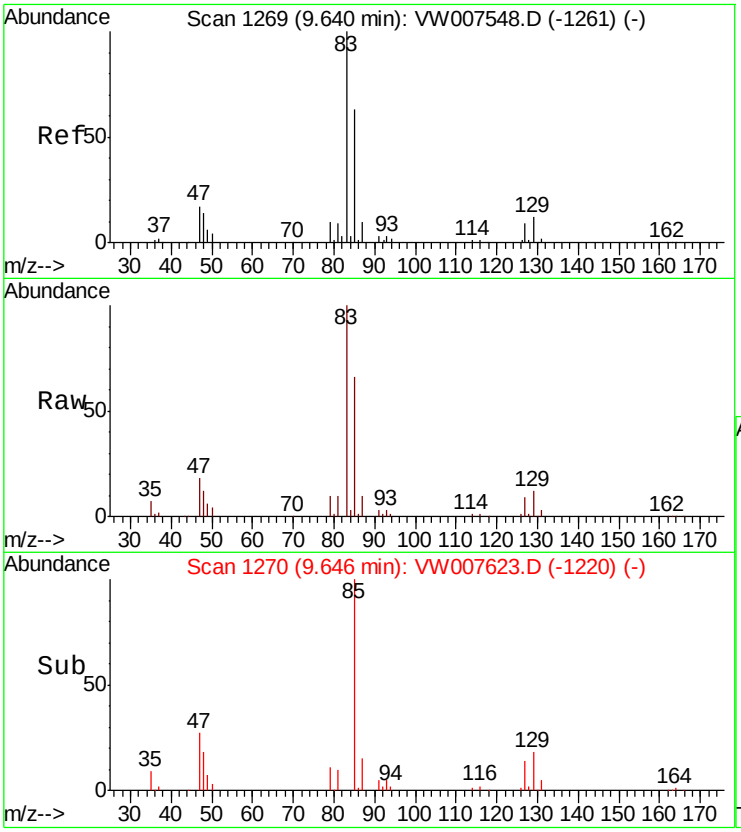




#46
Dibromomethane
Concen: 49.259 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 93 Resp: 20977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.6 | 68.0 | 102.0 |
| 174 | 99.3 | 83.2 | 124.8 |



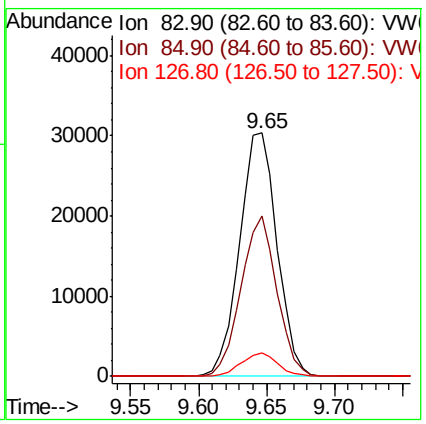


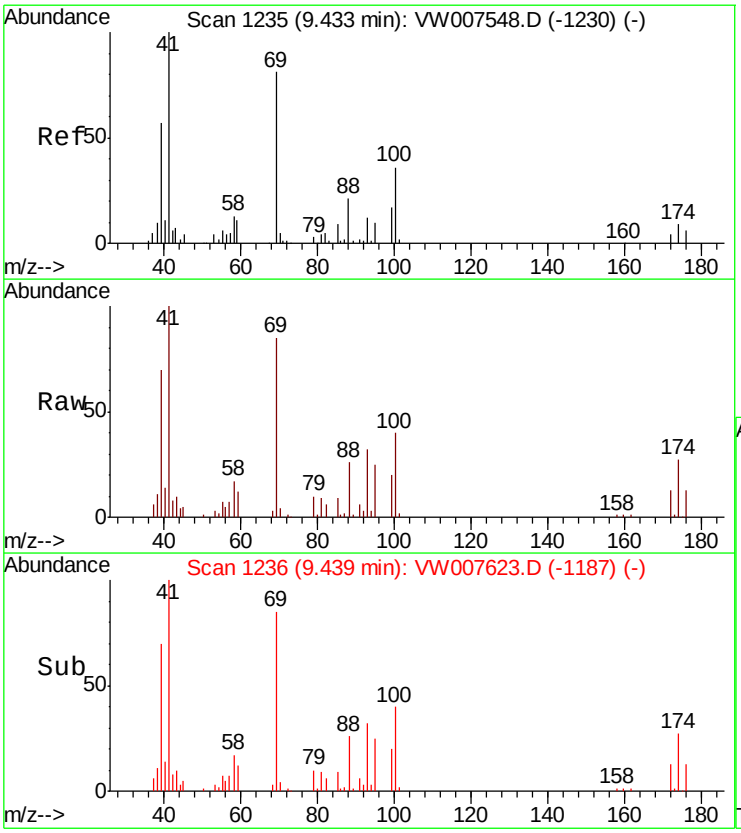

#47
Bromodichloromethane
Concen: 52.427 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 83 Resp: 58562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 47.6 | 71.4 |
| 127 | 9.4 | 6.7 | 10.1 |

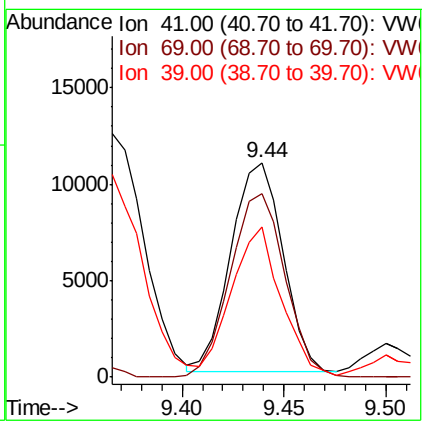


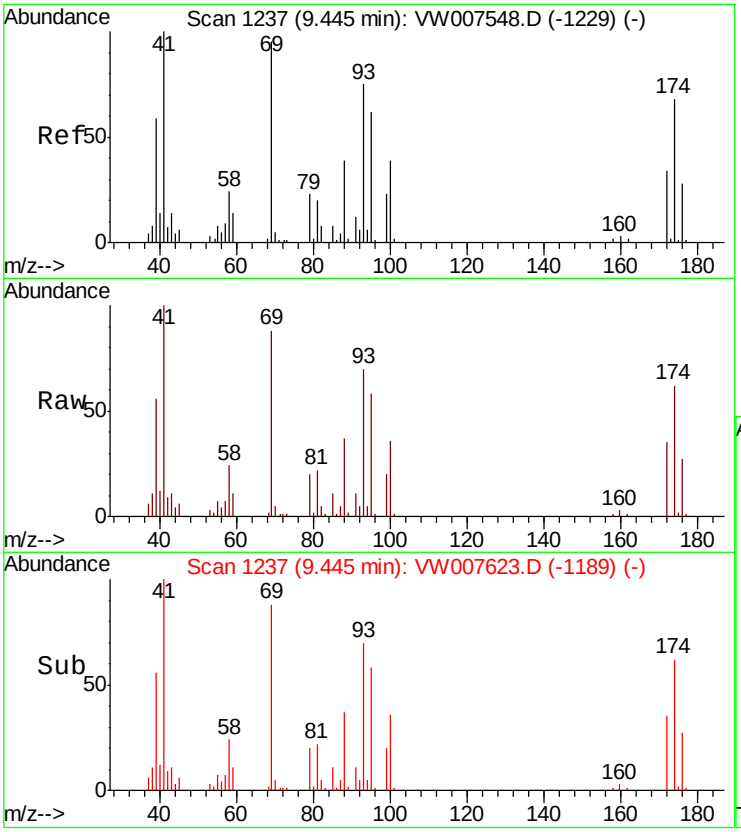




#48
Methyl methacrylate
Concen: 43.760 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 41 Resp: 19280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 92.2 | 69.8 | 104.8 |
| 39 | 66.4 | 50.9 | 76.3 |



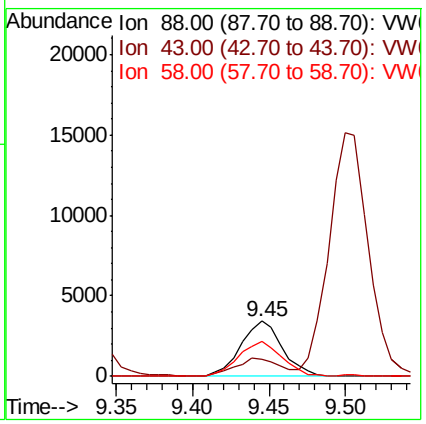


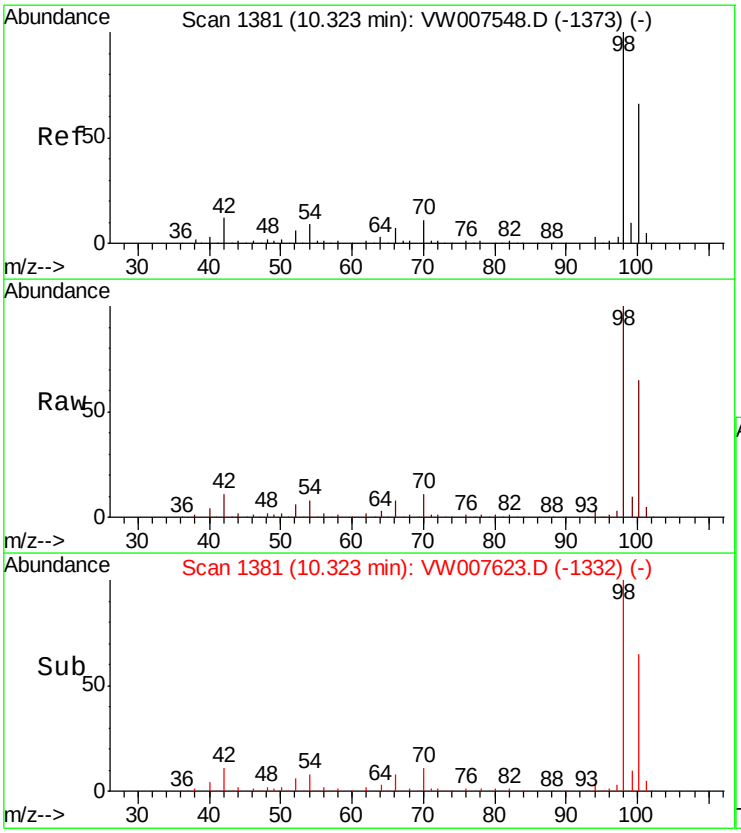

#49
1,4-Dioxane
Concen: 939.976 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 88 Resp: 6495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 33.5 | 25.0 | 37.4 |
| 58 | 65.9 | 51.4 | 77.2 |

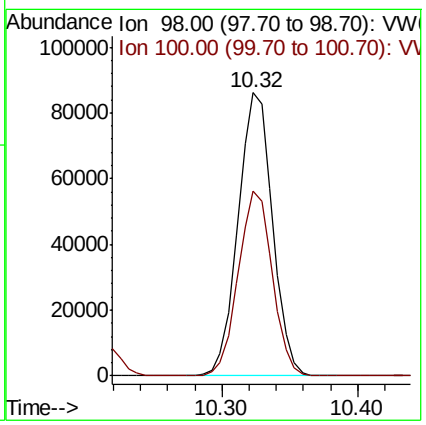


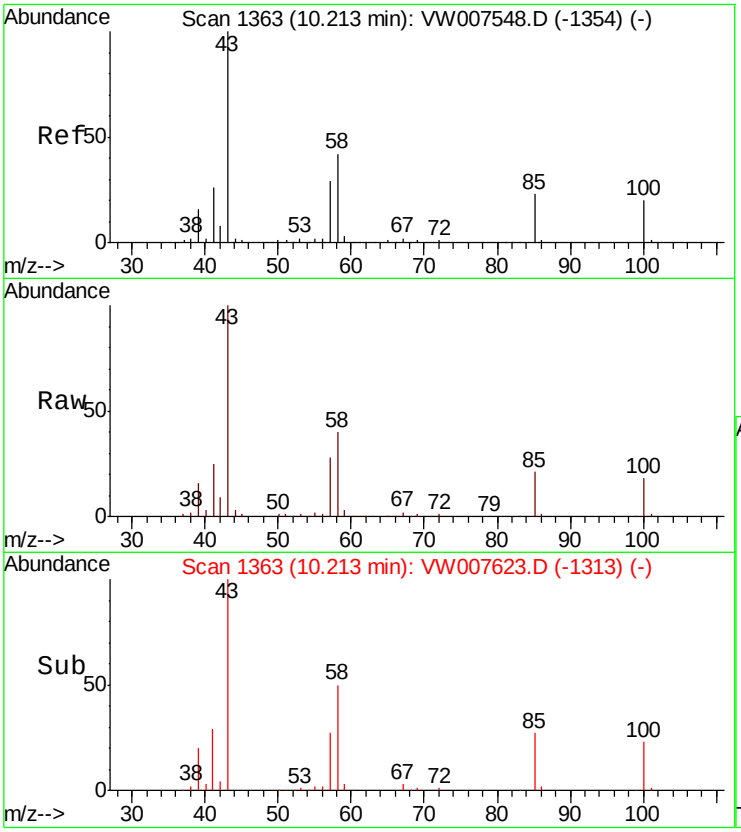




#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 98 Resp: 151863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 51.8 | 77.8 |



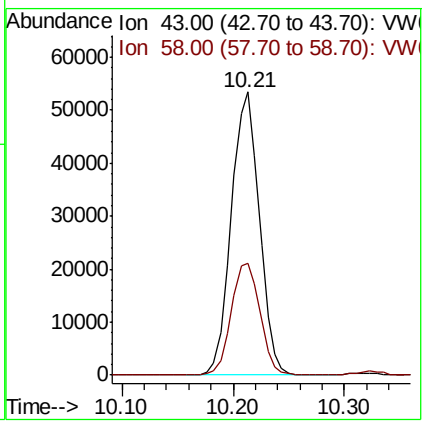


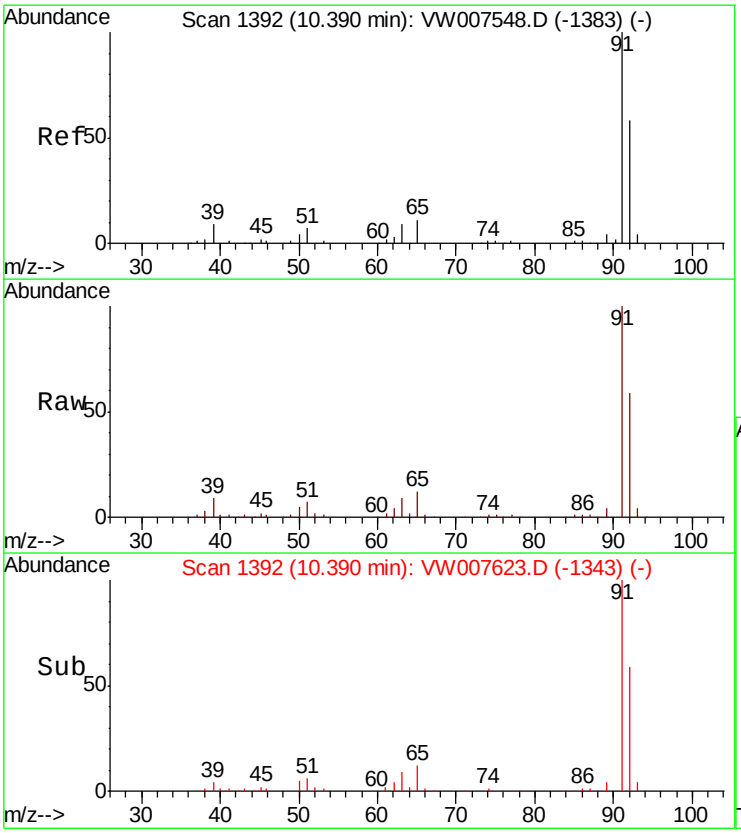

#51
4-Methyl-2-Pentanone
Concen: 230.790 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 43 Resp: 93550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.5 | 33.1 | 49.7 |

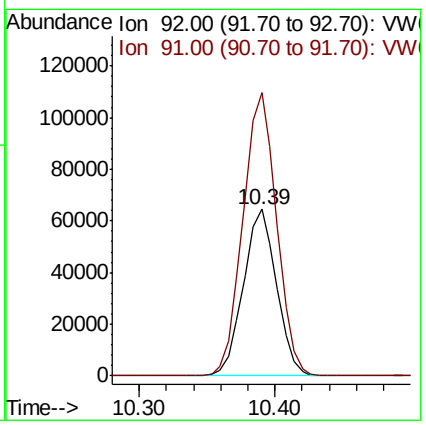


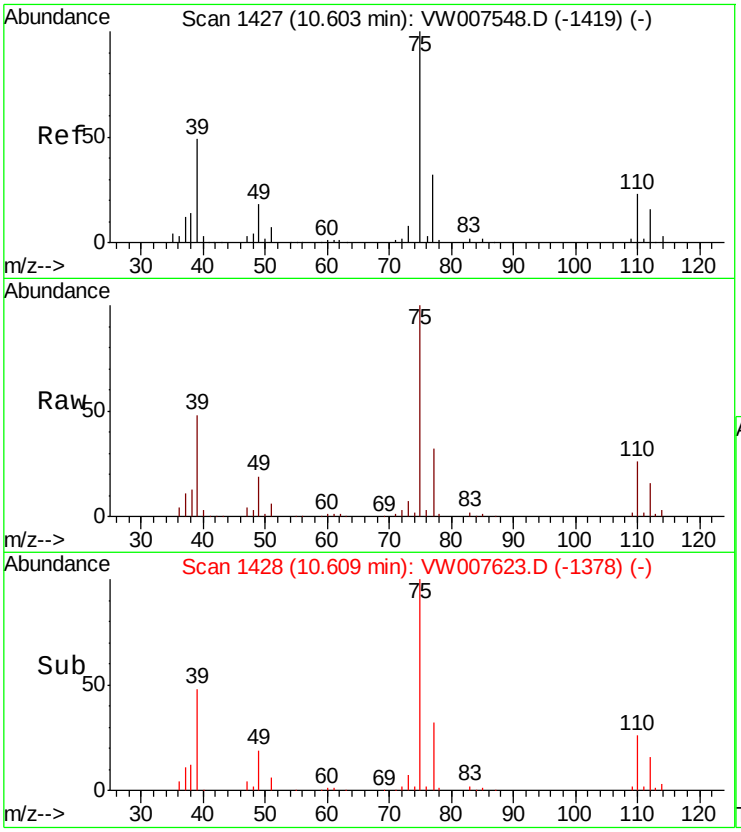




#52
Toluene
Concen: 52.588 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 92 Resp: 110282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.3 | 136.2 | 204.2 |



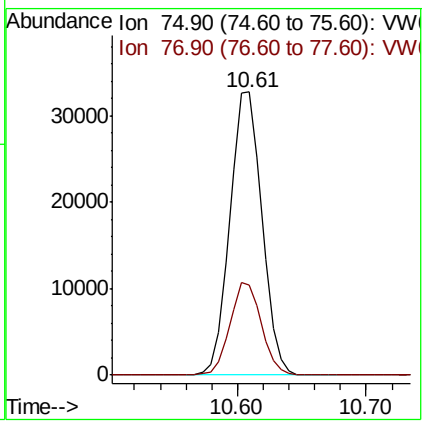


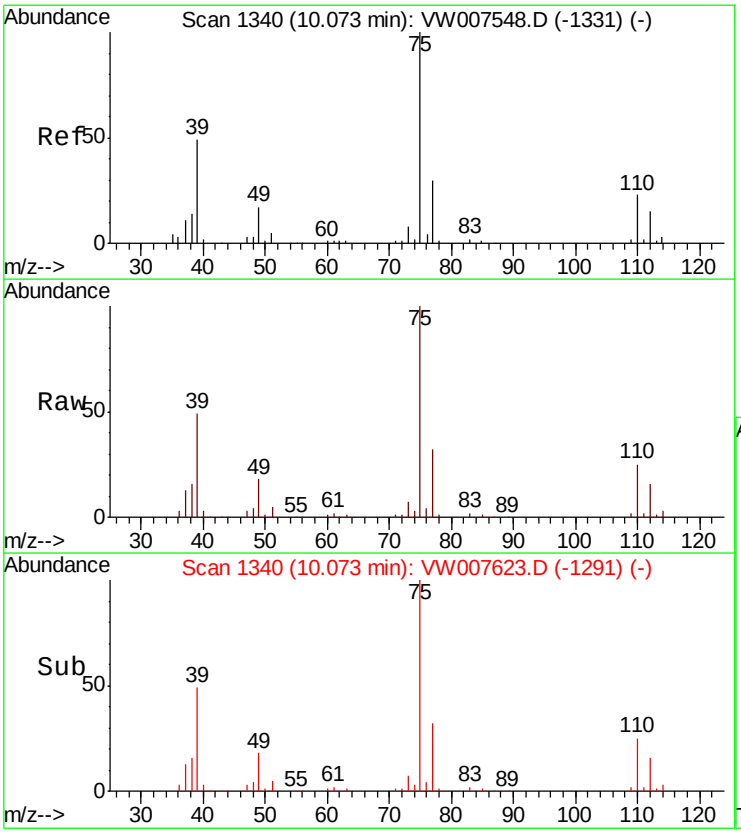

#53
t-1,3-Dichloropropene
Concen: 52.361 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 75 Resp: 56782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 26.2 | 39.4 |

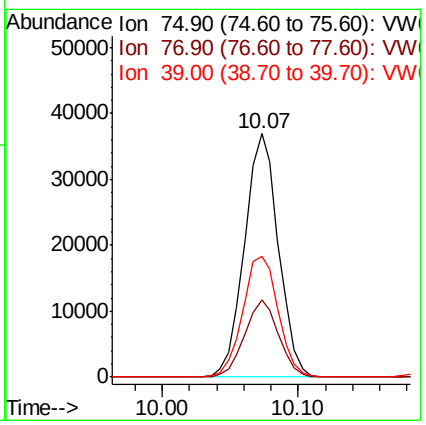


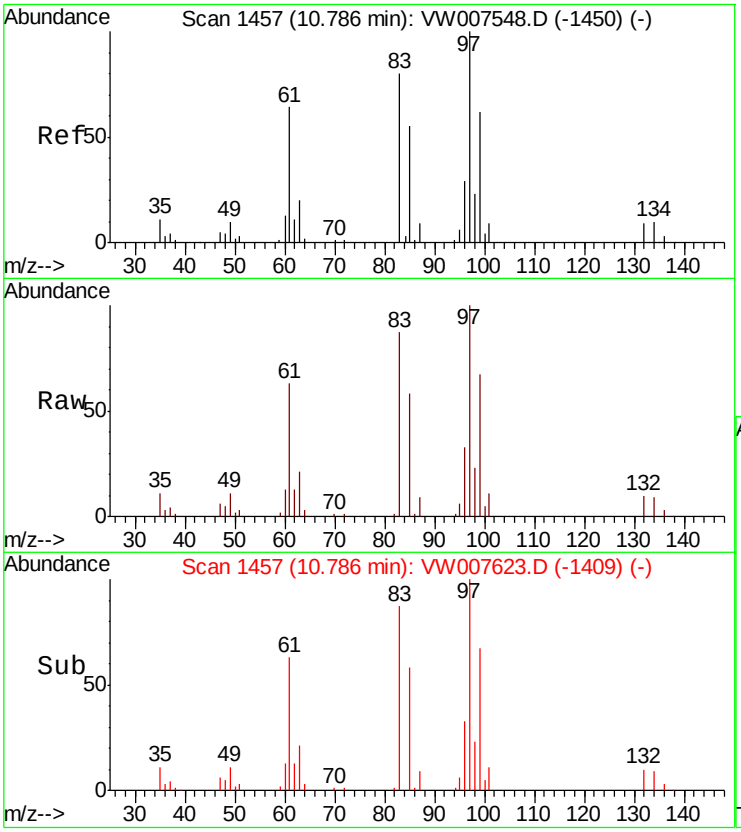




#54
cis-1,3-Dichloropropene
Concen: 51.567 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 75 Resp: 64645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 24.8 | 37.2 |
| 39 | 49.4 | 40.9 | 61.3 |



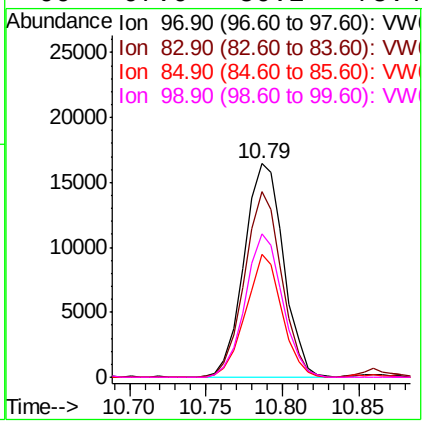


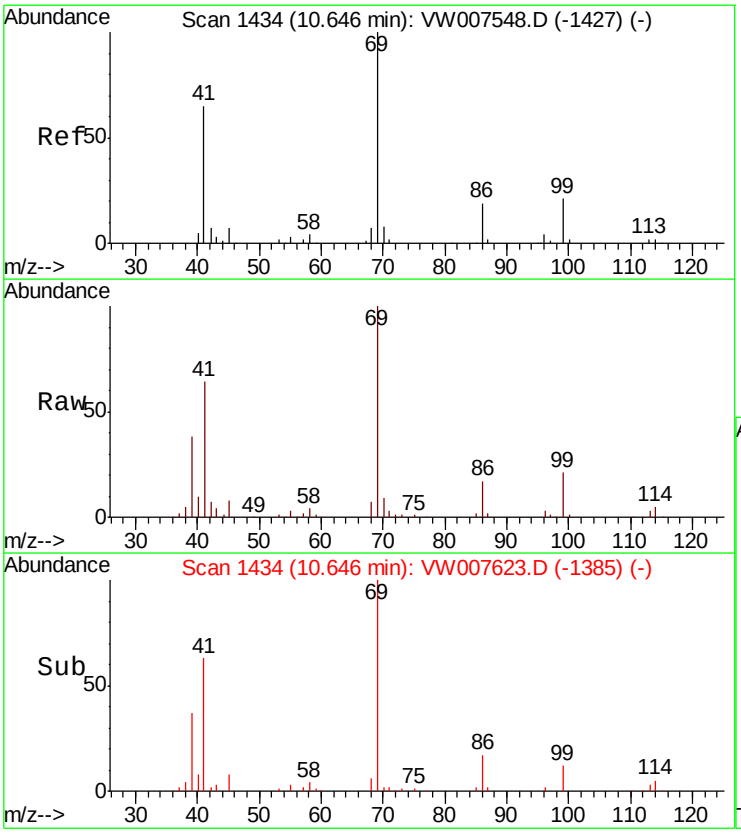

#55
1,1,2-Trichloroethane
Concen: 50.852 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 97 Resp: 29473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.8 | 62.1 | 93.1 |
| 85 | 57.8 | 44.2 | 66.4 |
| 99 | 67.0 | 50.2 | 75.4 |

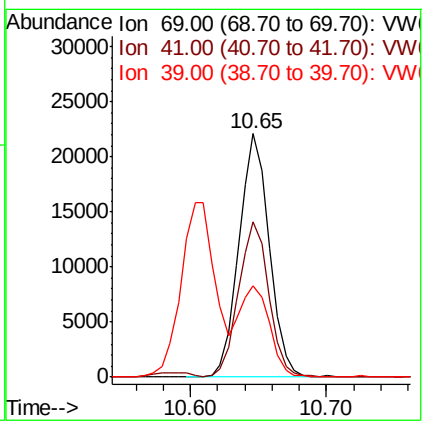


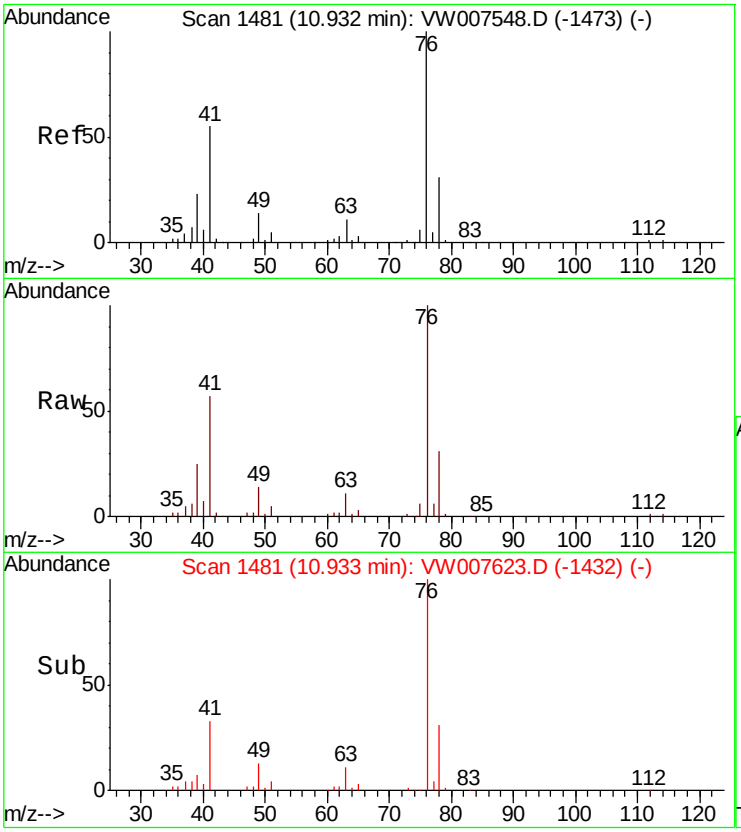




#56
Ethyl methacrylate
Concen: 49.330 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 69 Resp: 34365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.8 | 51.0 | 76.6 |
| 39 | 38.4 | 30.8 | 46.2 |



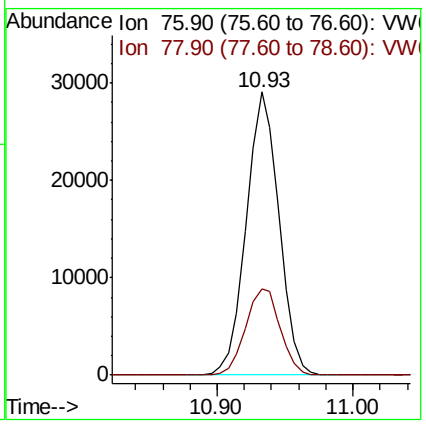


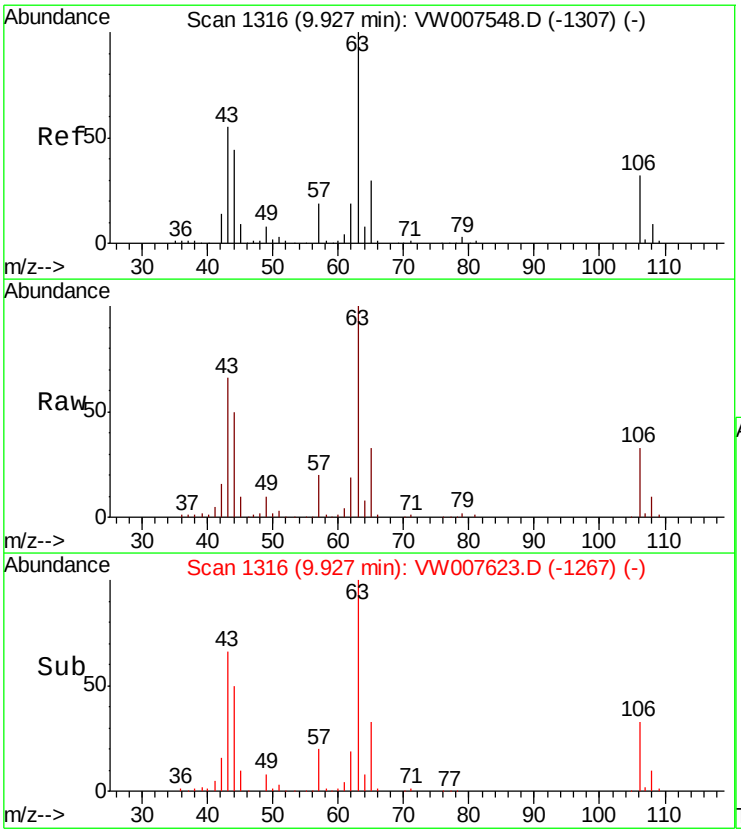

#57
1,3-Dichloropropane
Concen: 51.550 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 76 Resp: 49040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 26.2 | 39.4 |

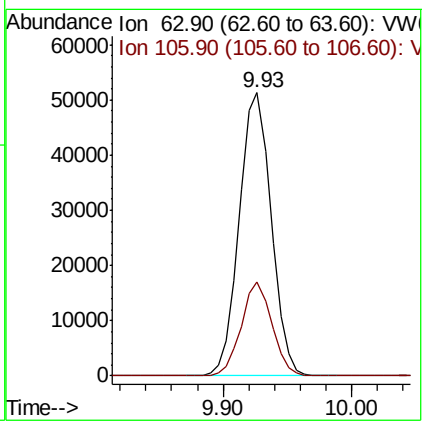


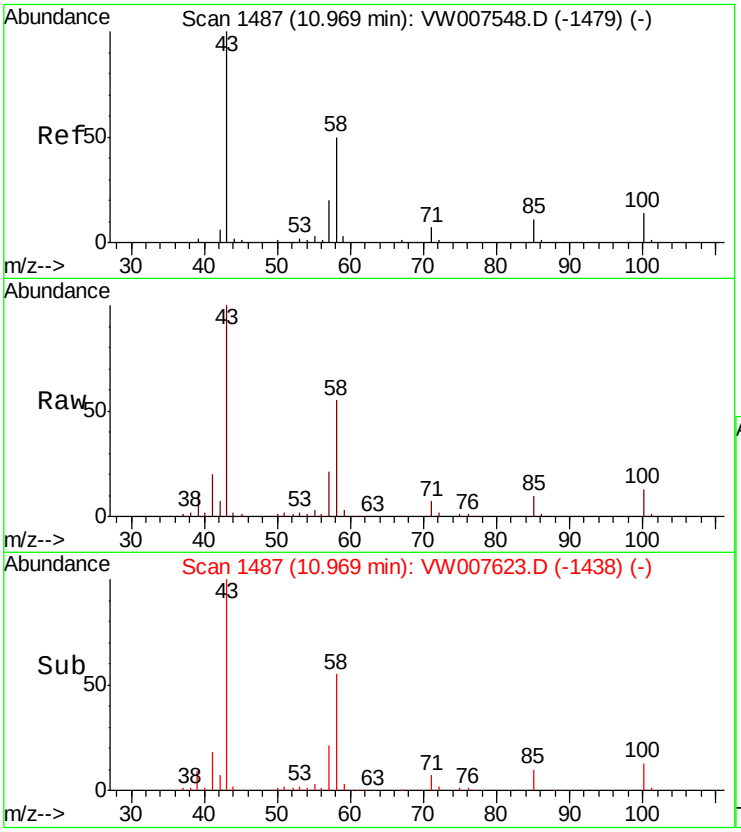




#58
2-Chloroethyl Vinyl ether
Concen: 273.347 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 63 Resp: 87814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 31.8 | 25.0 | 37.6 |



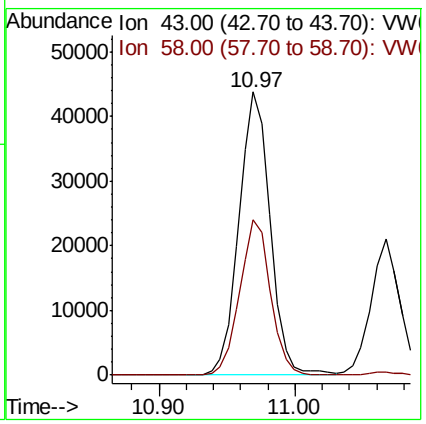


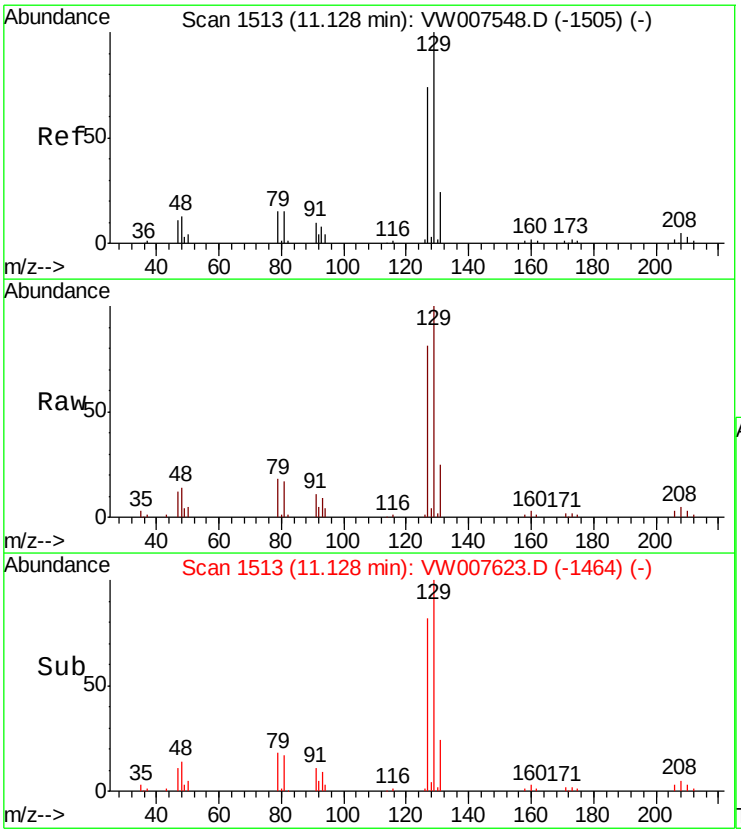

#59
2-Hexanone
Concen: 260.280 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 43 Resp: 70350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.9 | 27.1 | 81.3 |

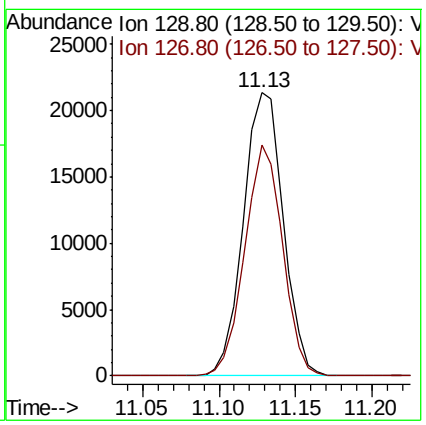


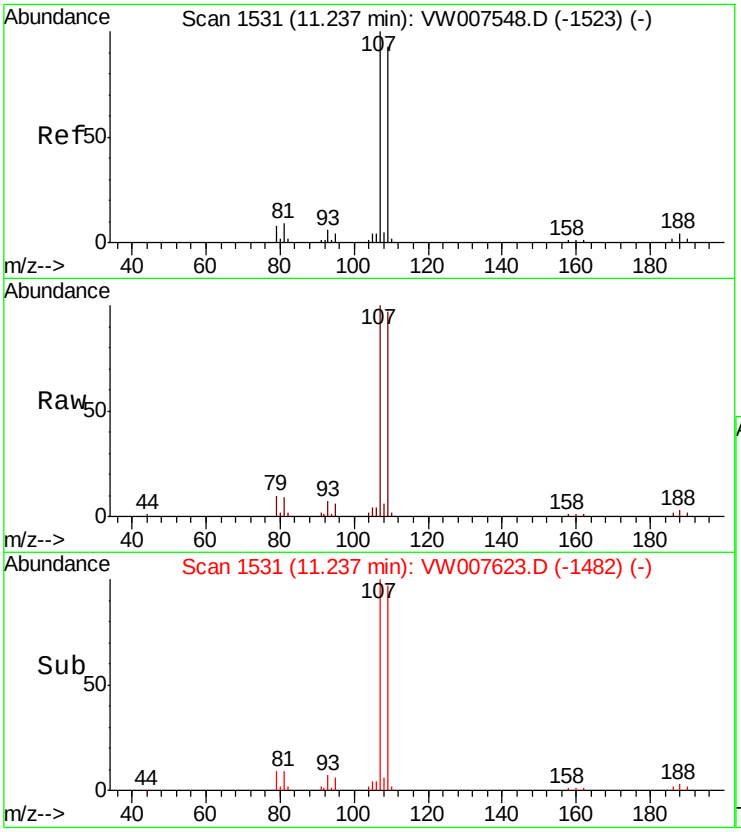




#60
Dibromochloromethane
Concen: 52.964 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:129 Resp: 38740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 38.1 | 114.3 |



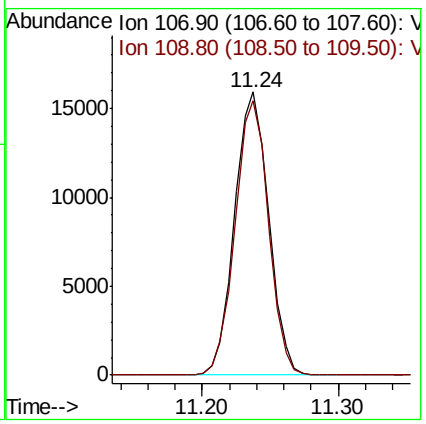


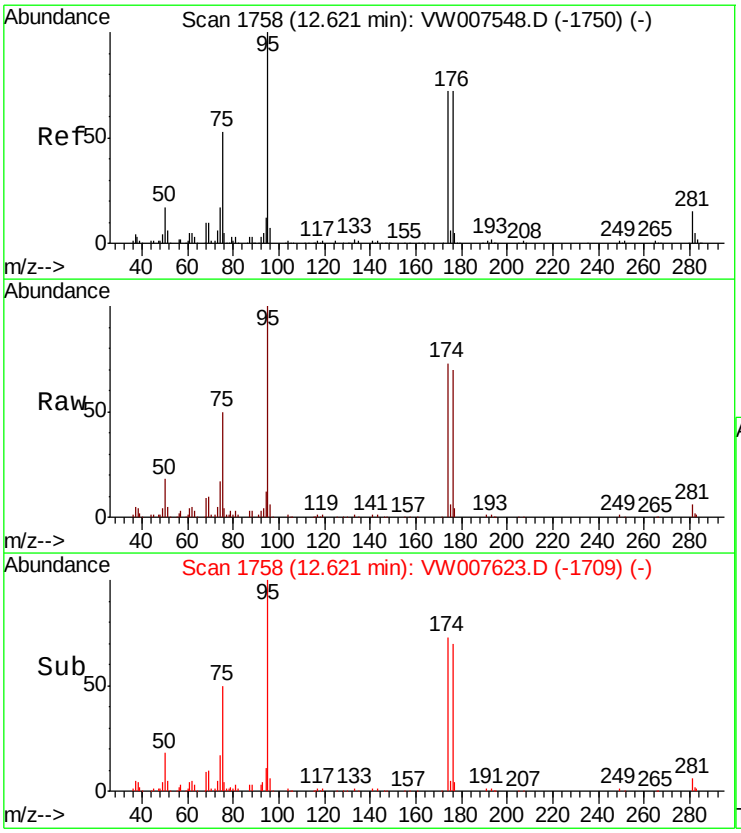

#61
1,2-Dibromoethane
Concen: 48.634 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:107 Resp: 27856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.1 | 79.1 | 118.7 |

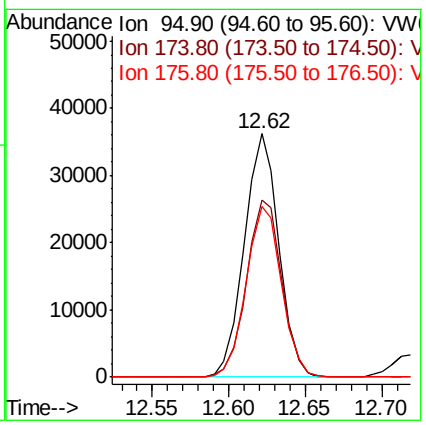


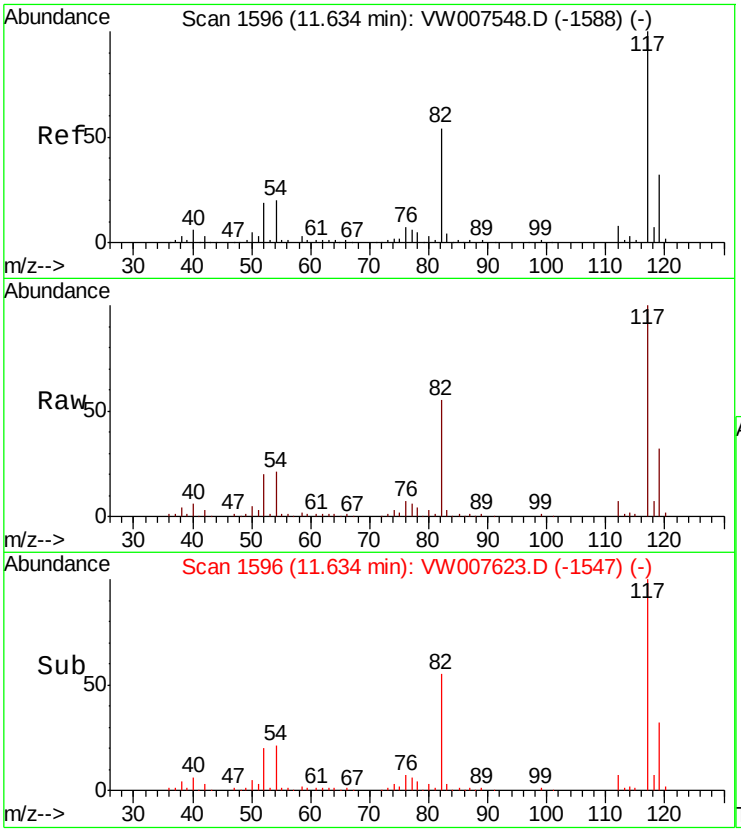




#62
4-Bromofluorobenzene
Concen: 53.018 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 95 Resp: 56633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.5 | 0.0 | 147.2 |
| 176 | 72.1 | 0.0 | 138.8 |



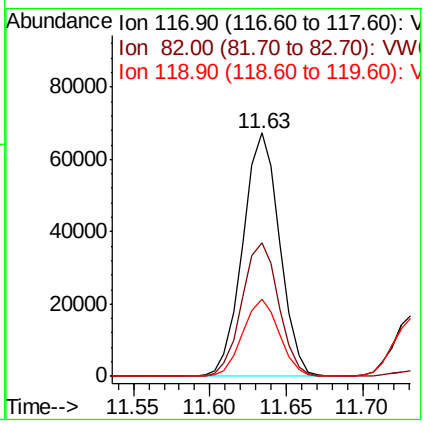


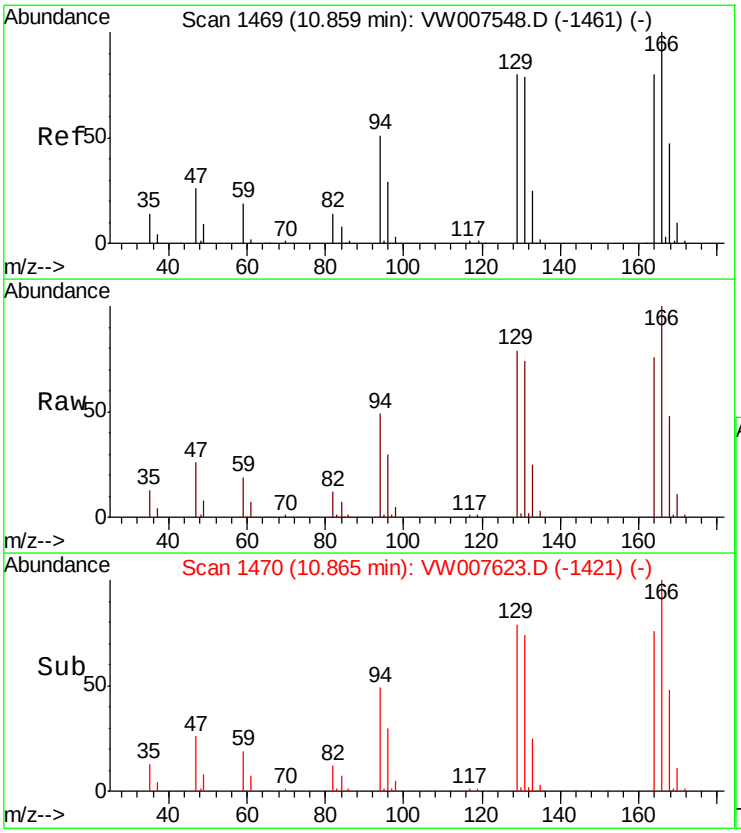

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:117 Resp: 112500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.9 | 42.3 | 63.5 |
| 119 | 31.5 | 23.0 | 34.6 |

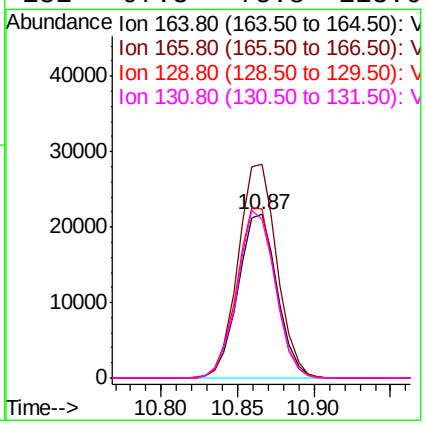


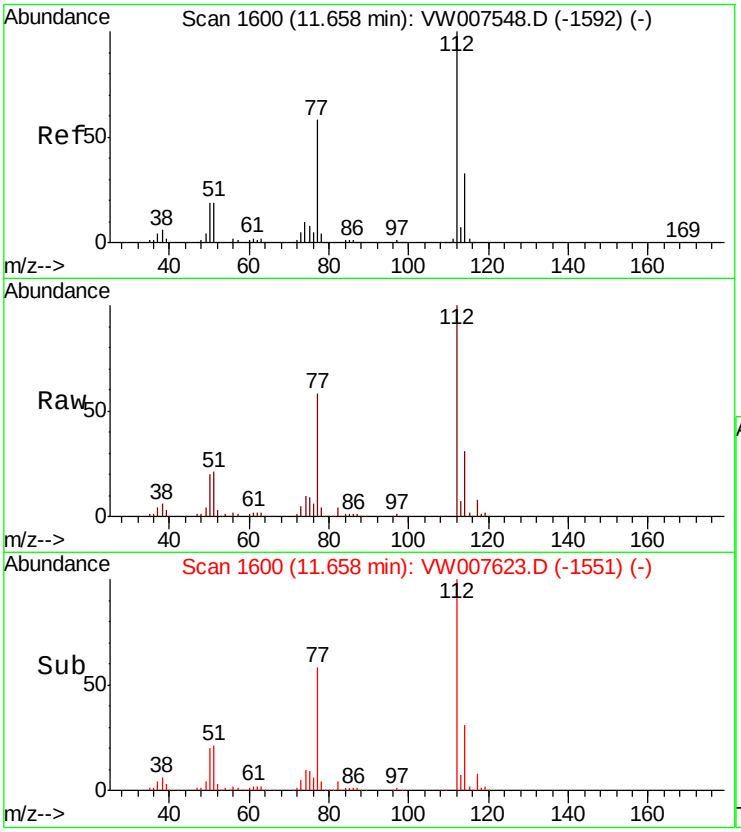




#64
Tetrachloroethene
Concen: 47.507 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:164 Resp: 38434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.7 | 107.9 | 161.9 |
| 129 | 103.4 | 73.4 | 110.2 |
| 131 | 97.3 | 75.8 | 113.6 |



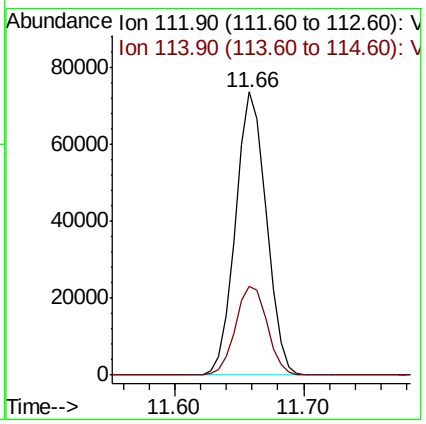


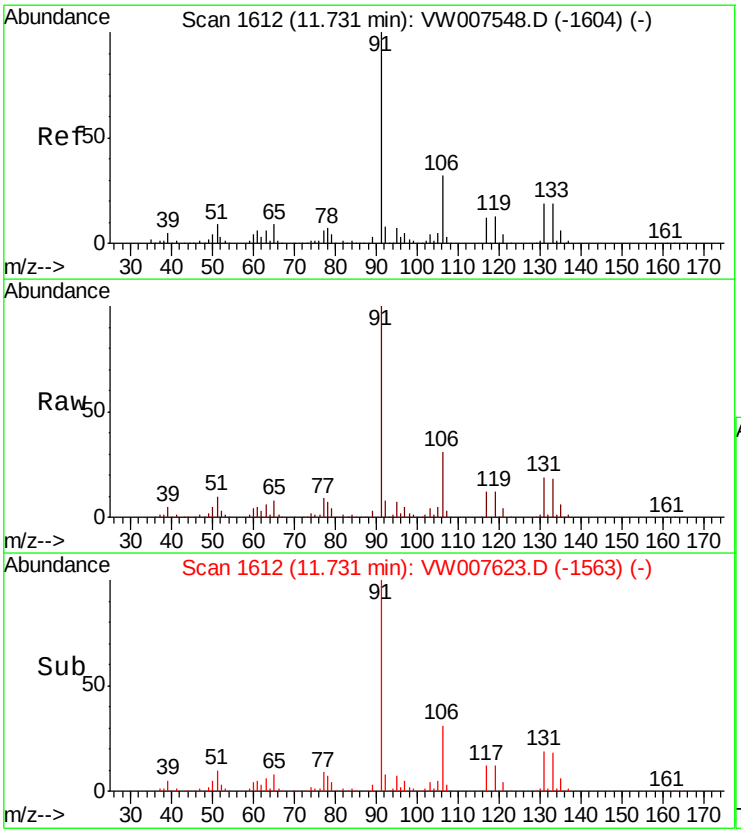

#65
Chlorobenzene
Concen: 51.945 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:112 Resp: 121804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.2 | 27.8 | 41.8 |

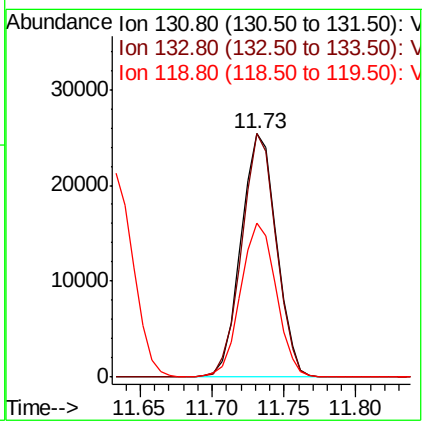


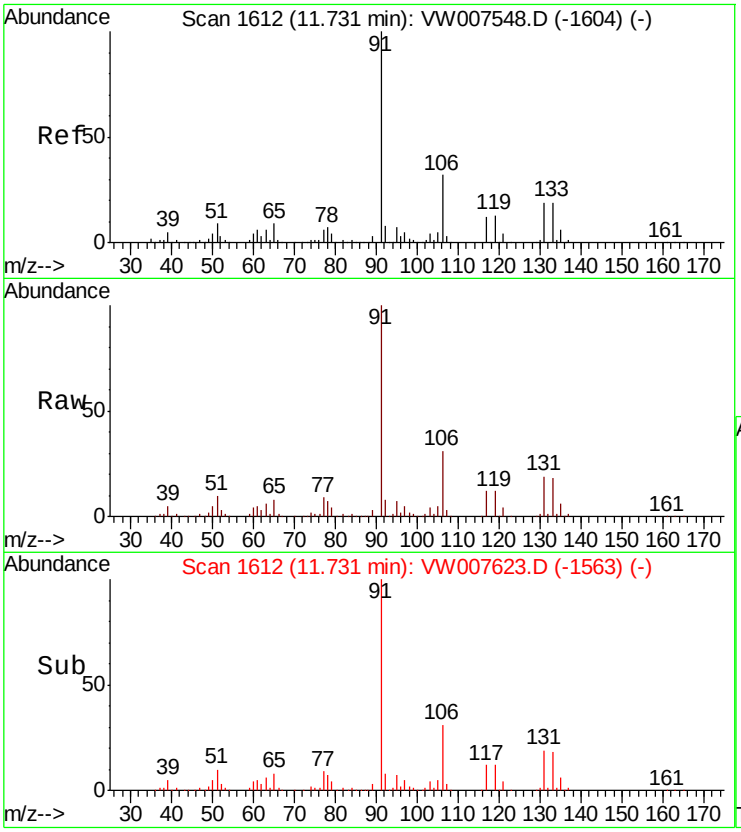




#66
1,1,1,2-Tetrachloroethane
Concen: 52.417 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:131 Resp: 43289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.6 | 47.1 | 141.4 |
| 119 | 63.1 | 31.3 | 93.9 |



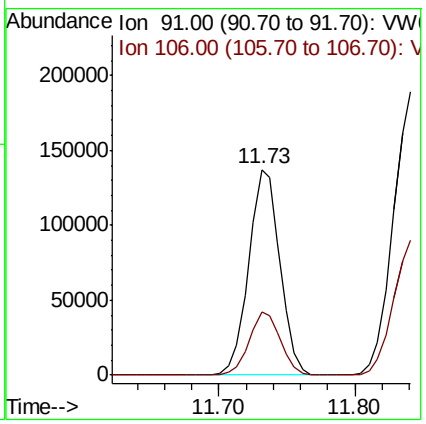


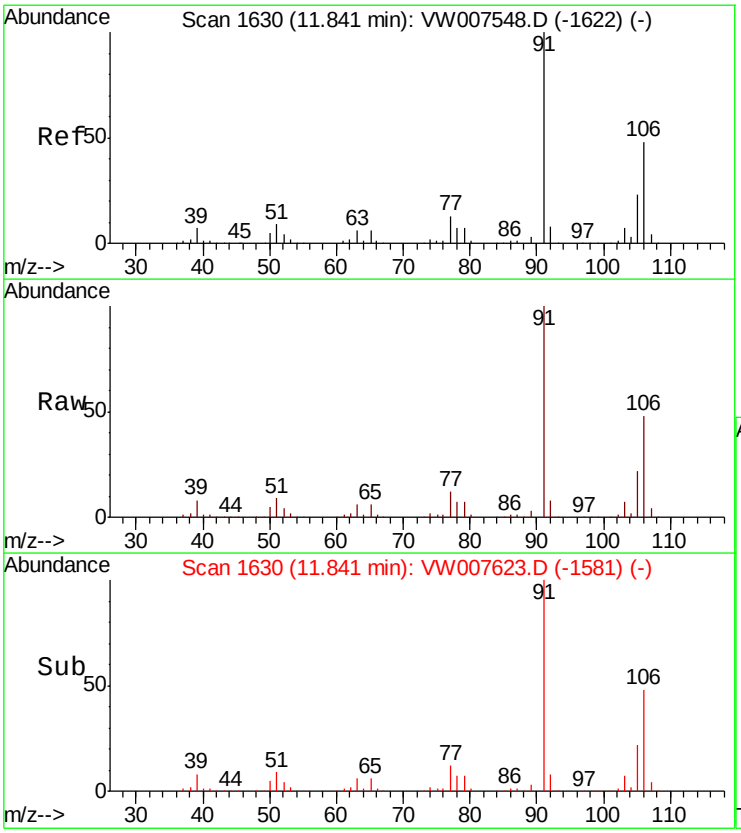

#67
Ethyl Benzene
Concen: 54.827 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 91 Resp: 221031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.9 | 21.8 | 32.8 |

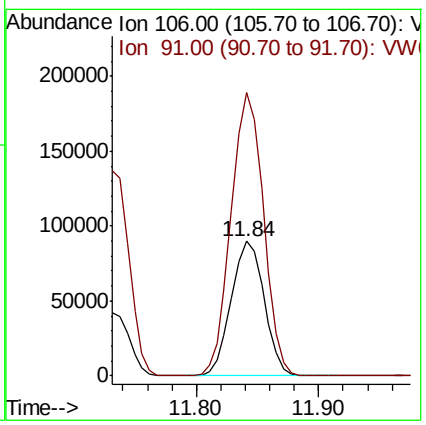


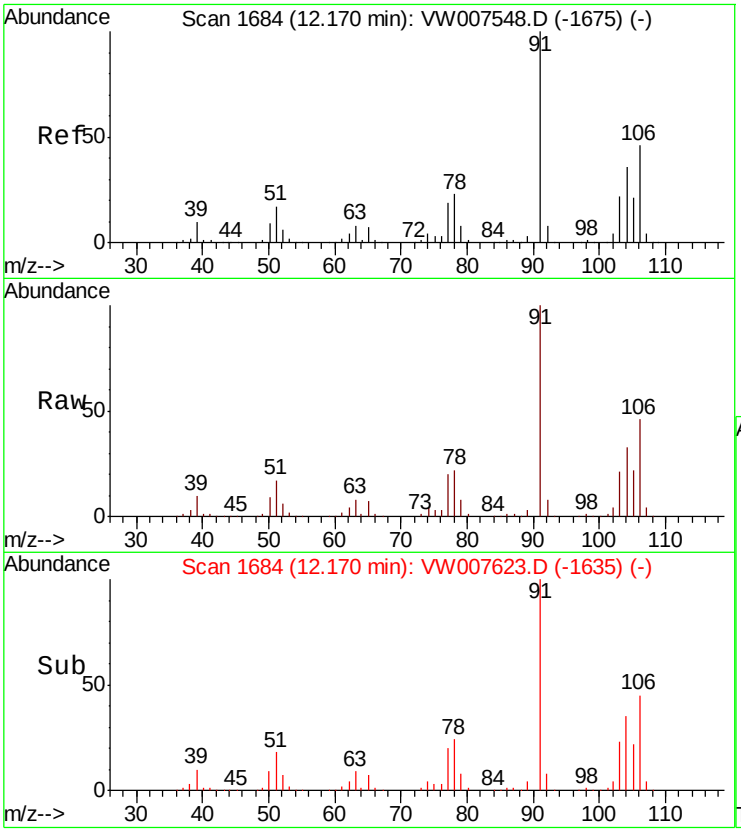




#68
m/p-Xylenes
Concen: 107.225 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:106 Resp: 168049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.0 | 165.3 | 247.9 |



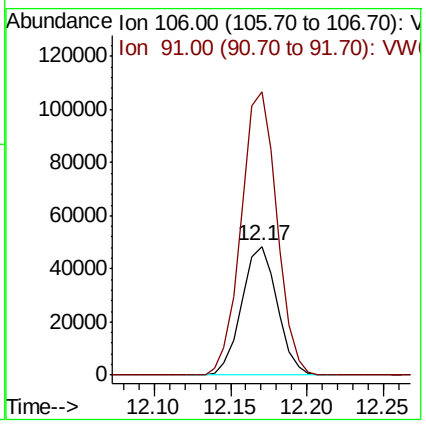


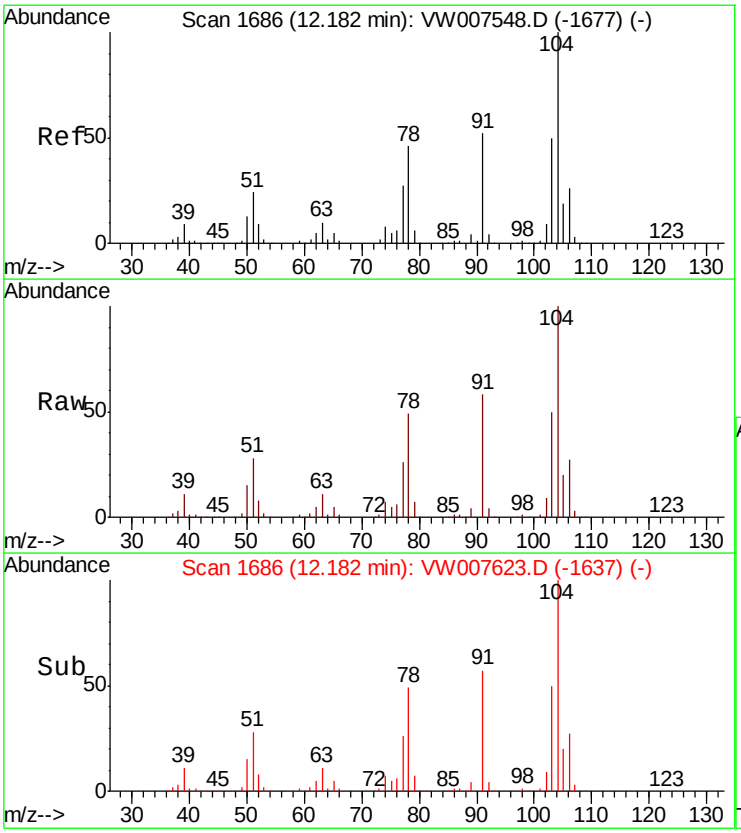

#69
o-Xylene
Concen: 53.563 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:106 Resp: 78401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.8 | 106.6 | 319.8 |

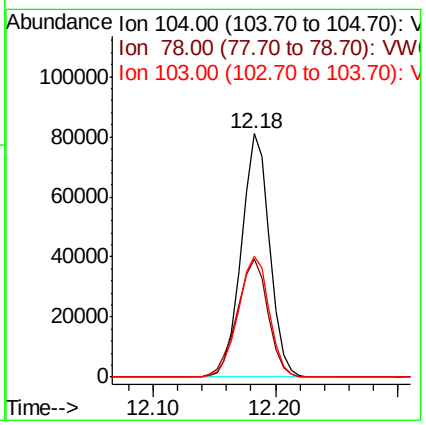


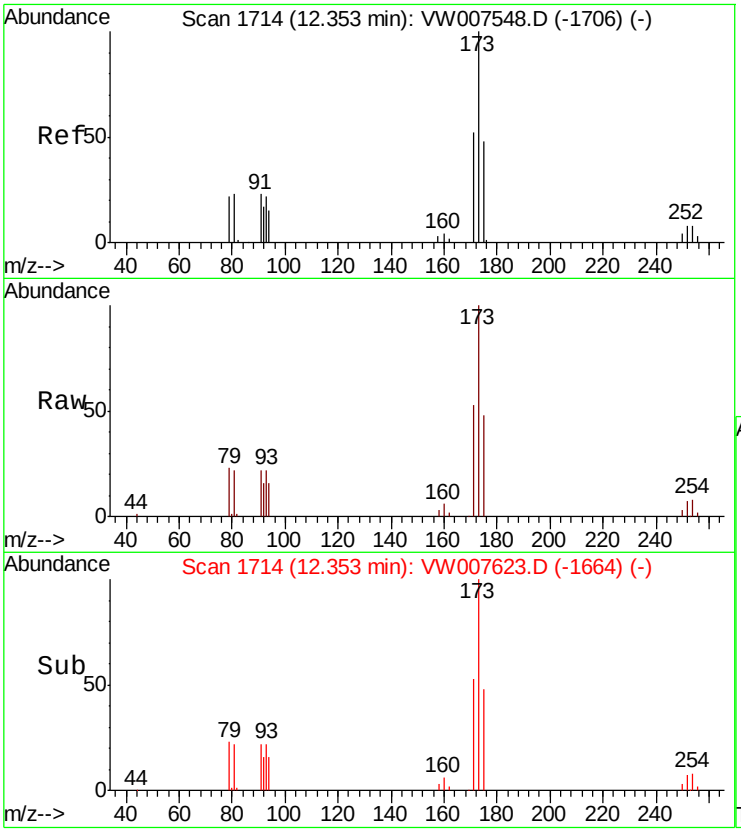




#70
Styrene
Concen: 54.699 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:104 Resp: 129319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.2 | 41.8 | 62.8 |
| 103 | 54.9 | 46.6 | 69.8 |



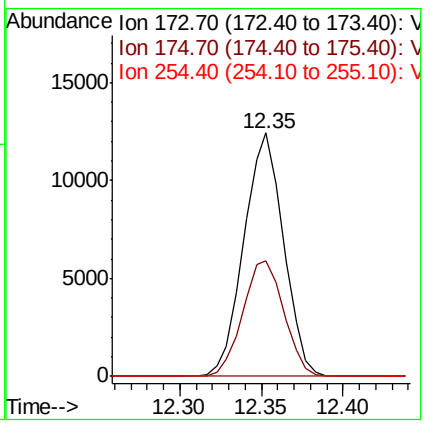


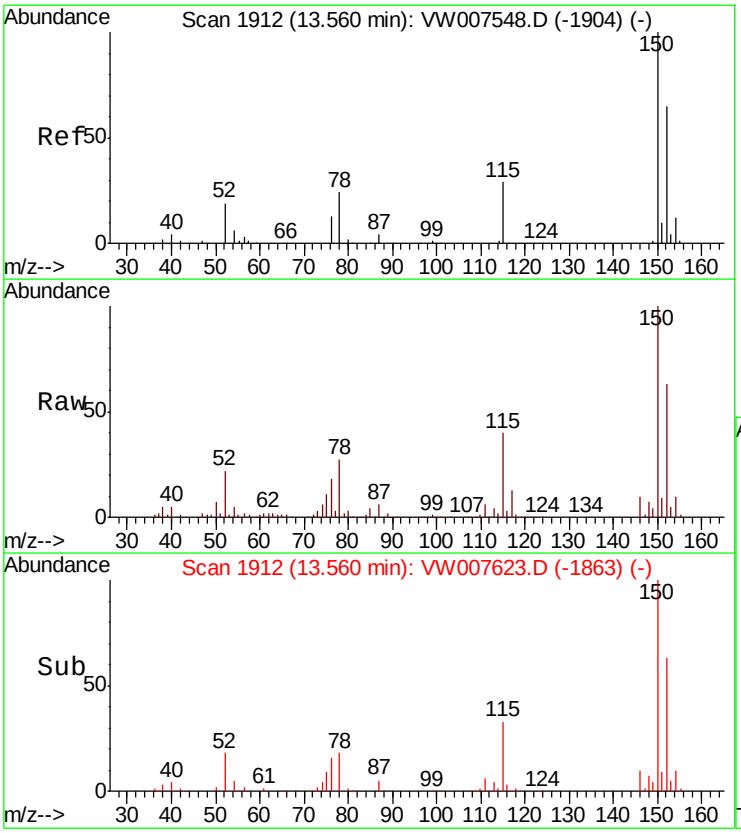

#71
Bromoform
Concen: 49.706 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:173 Resp: 21011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.2 | 23.6 | 70.8 |
| 254 | 0.0 | 0.0 | 0.0 |

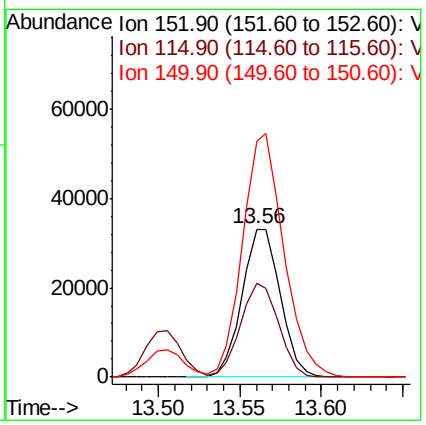


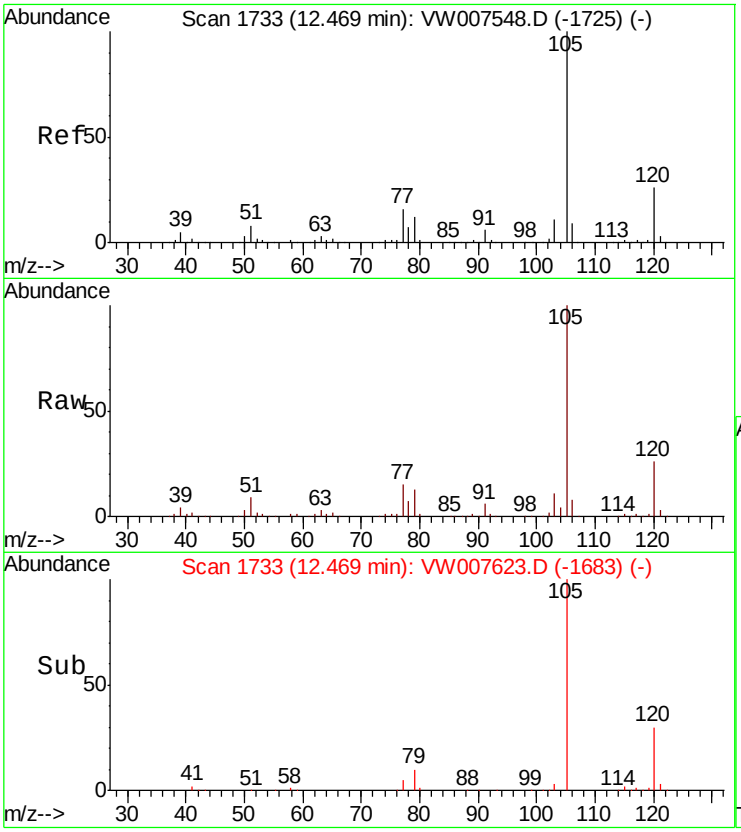




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:152 Resp: 53931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.3 | 31.4 | 94.2 |
| 150 | 177.6 | 0.0 | 358.4 |



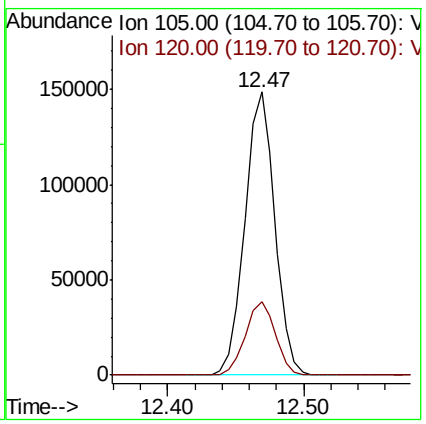


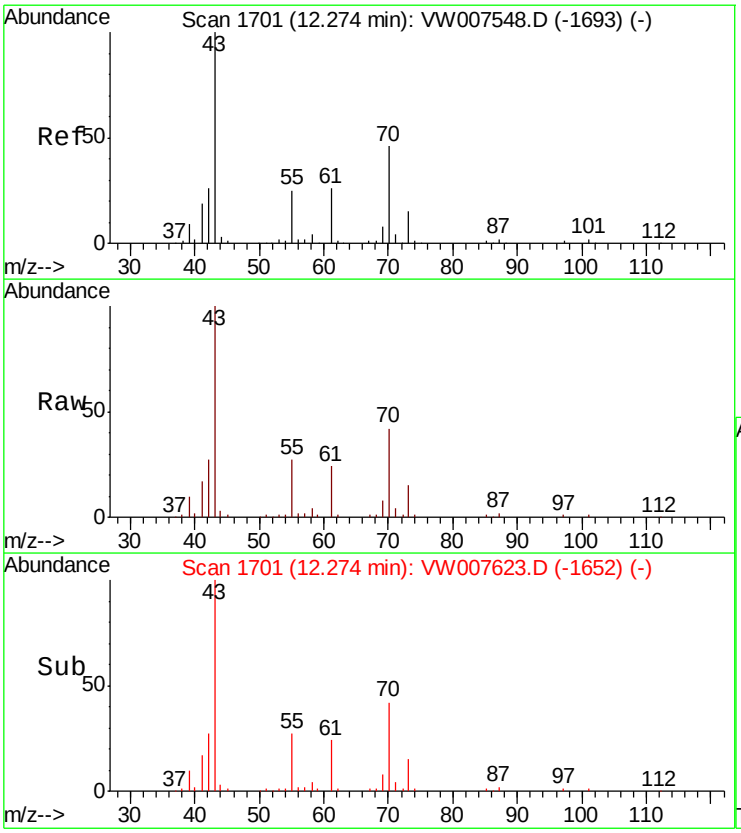

#73
Isopropylbenzene
Concen: 55.412 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:105 Resp: 228984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 12.8 | 38.4 |

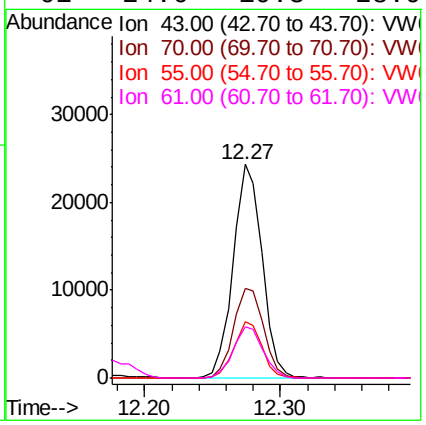


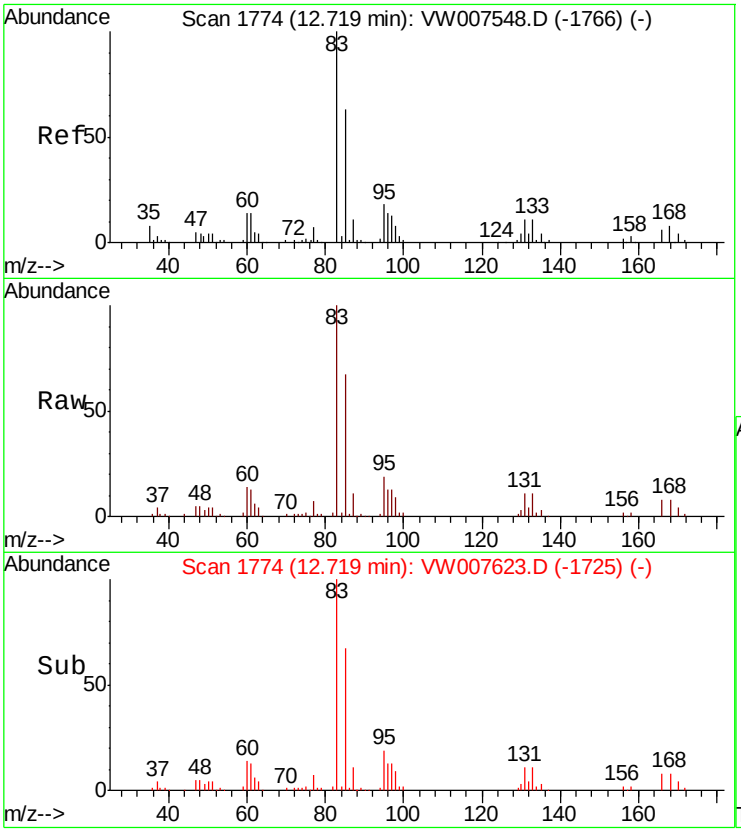




#74
N-amyl acetate
Concen: 47.905 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 43 Resp: 35978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.6 | 36.5 | 54.7 |
| 55 | 25.5 | 20.1 | 30.1 |
| 61 | 24.6 | 19.3 | 28.9 |



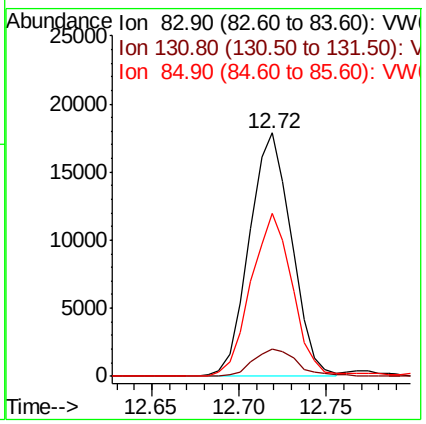


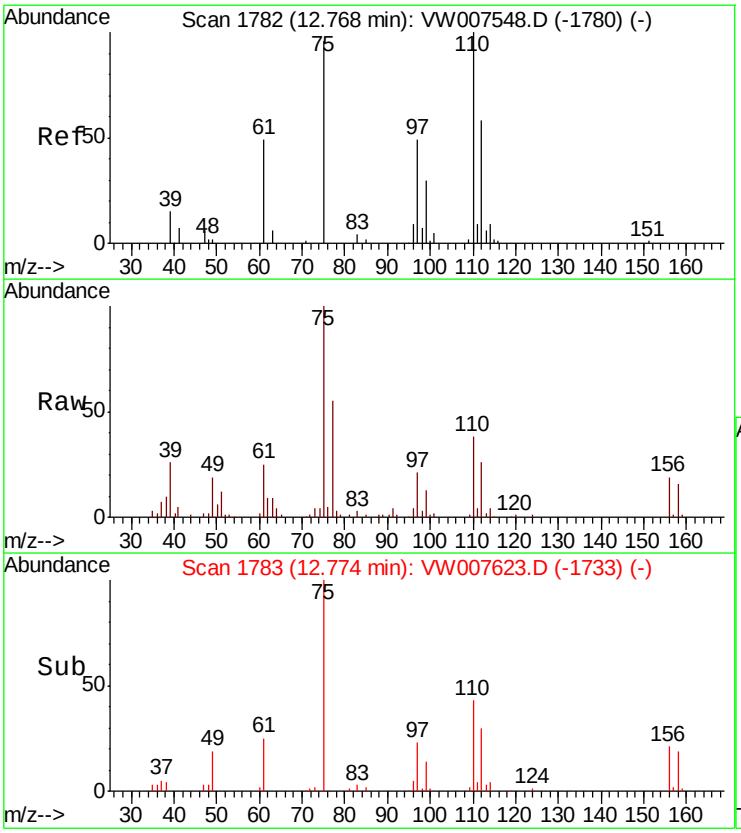

#75
1,1,2,2-Tetrachloroethane
Concen: 48.978 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 83 Resp: 29977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.8 | 5.9 | 17.8 |
| 85 | 65.5 | 30.0 | 90.0 |

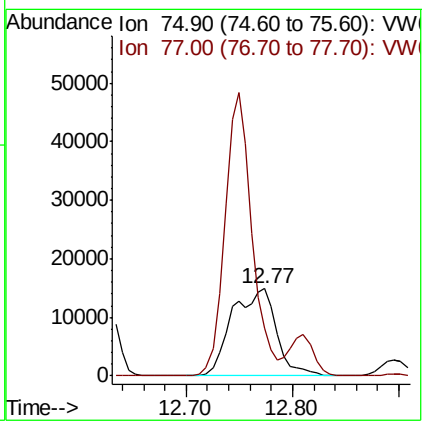


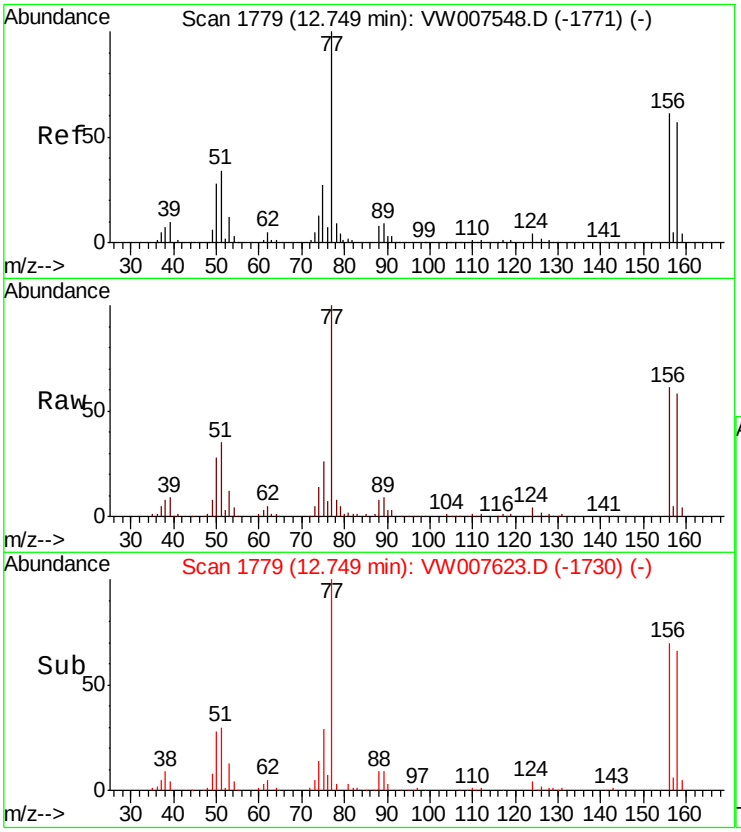




#76
1,2,3-Trichloropropane
Concen: 98.080 ug/l
RT: 12.77 min Scan# 1783
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 75 Resp: 43614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 166.9 | 500.8# |



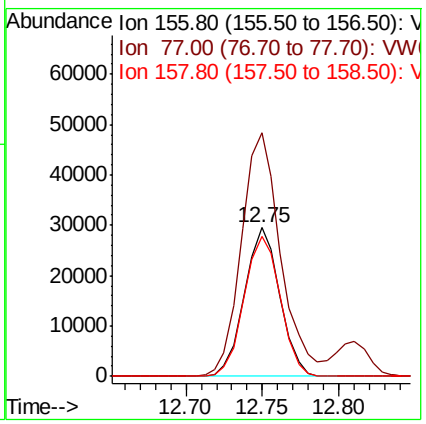


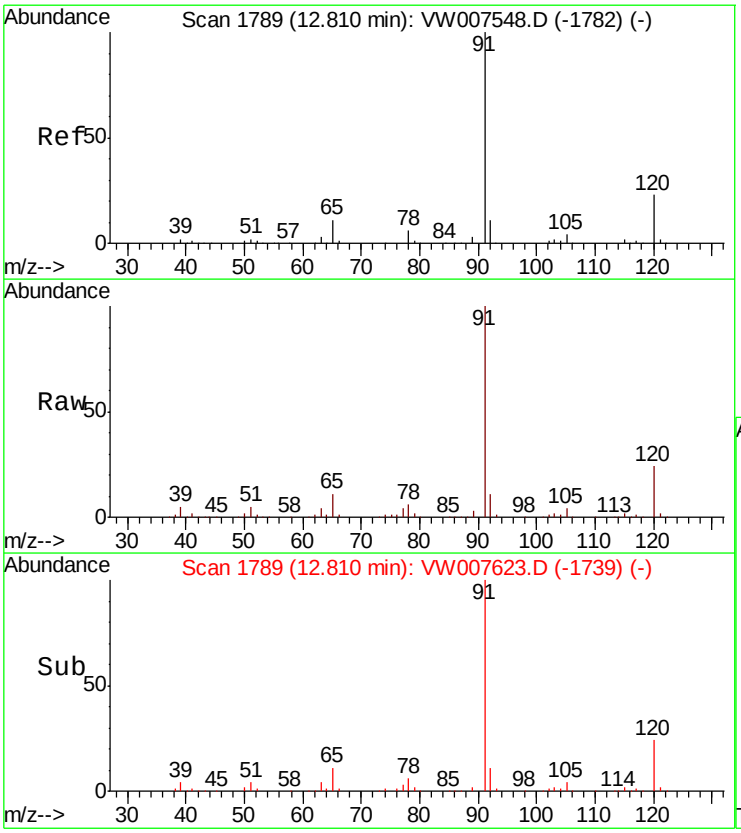

#77
Bromobenzene
Concen: 51.590 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:156 Resp: 47256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 181.7 | 88.1 | 264.4 |
| 158 | 96.7 | 45.6 | 136.7 |

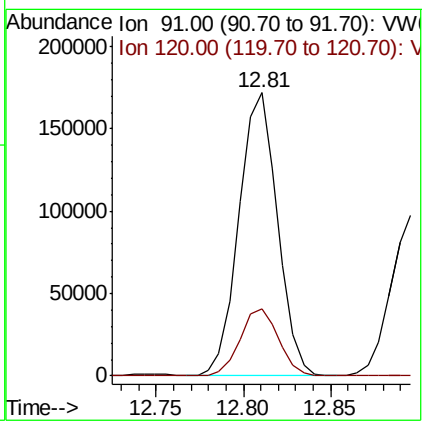


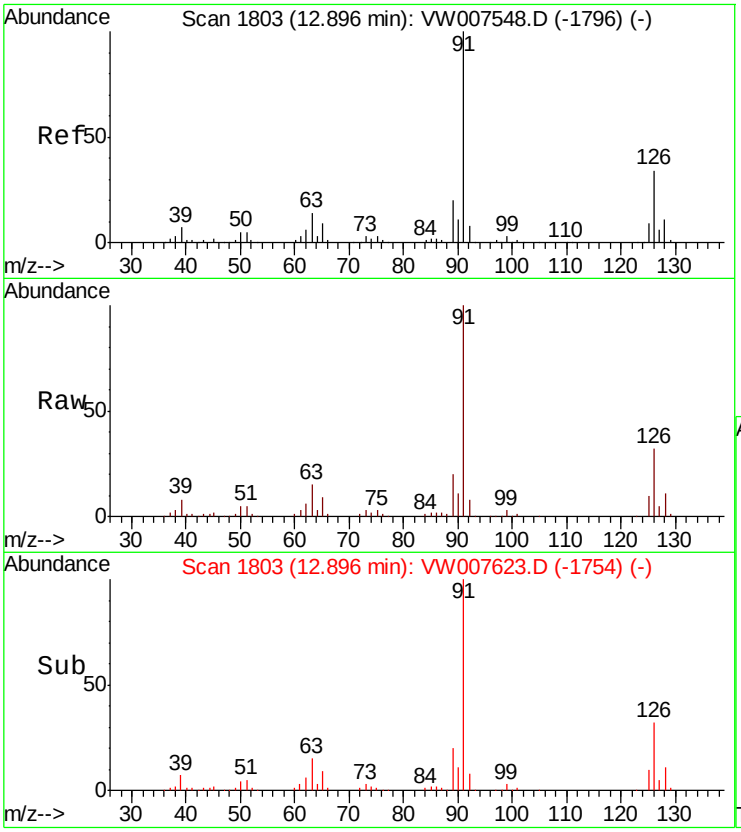




#78
n-propylbenzene
Concen: 56.843 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 91 Resp: 264357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.6 | 11.9 | 35.5 |



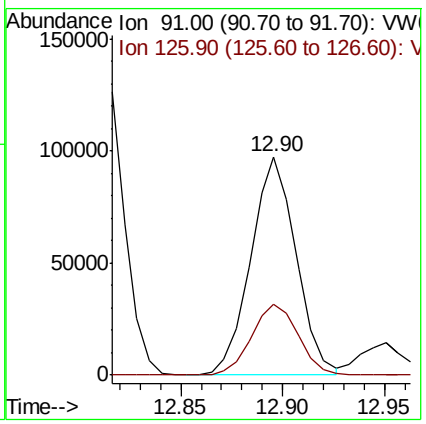


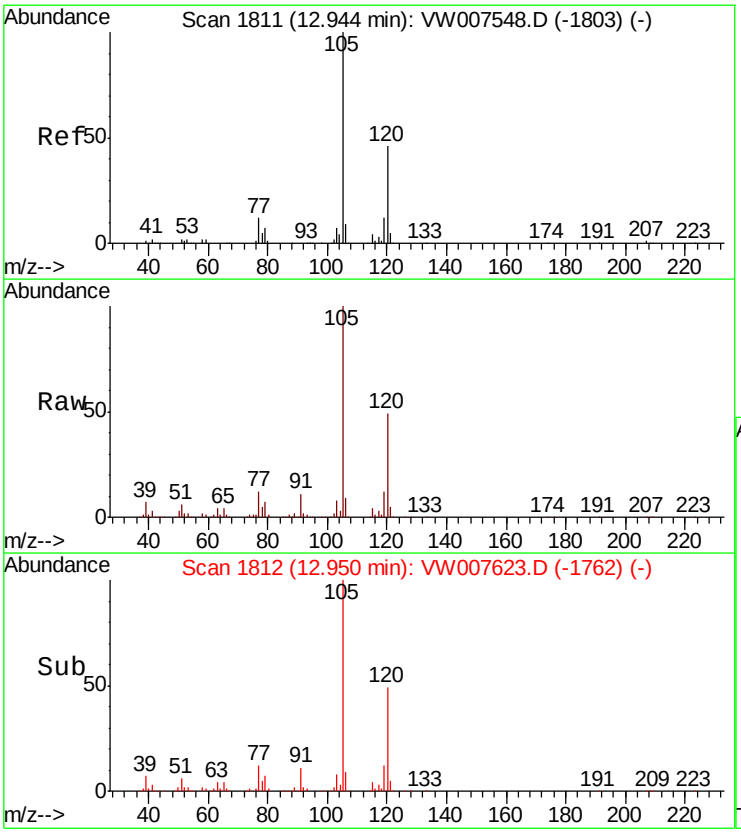

#79
2-Chlorotoluene
Concen: 53.587 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 91 Resp: 150793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.5 | 15.9 | 47.6 |

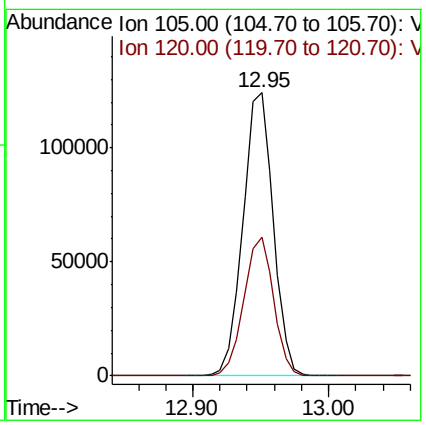


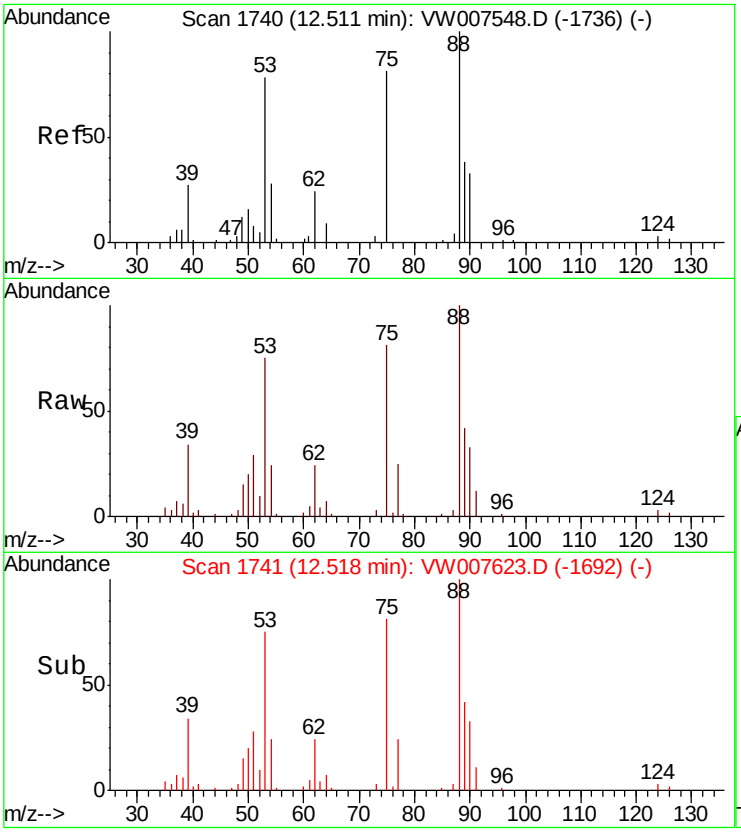




#80
1,3,5-Trimethylbenzene
Concen: 55.708 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:105 Resp: 193430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 23.8 | 71.4 |



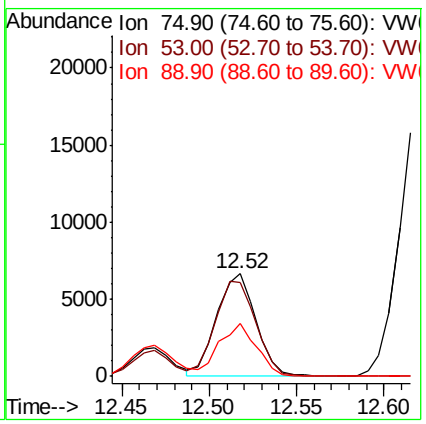


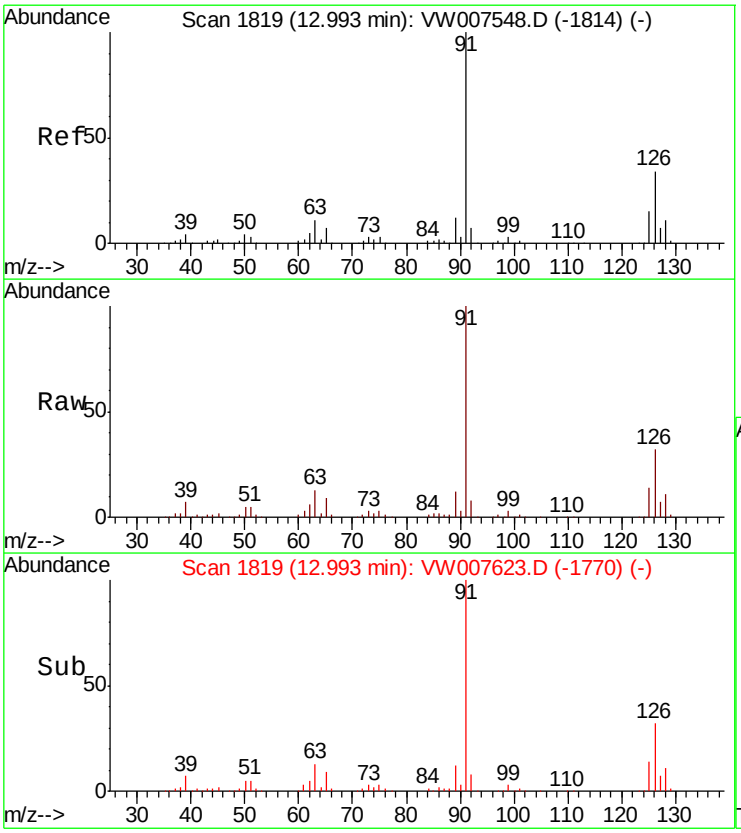

#81
trans-1,4-Dichloro-2-butene
Concen: 52.012 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 75 Resp: 10470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 95.7 | 84.9 | 127.3 |
| 89 | 47.9 | 40.3 | 60.5 |

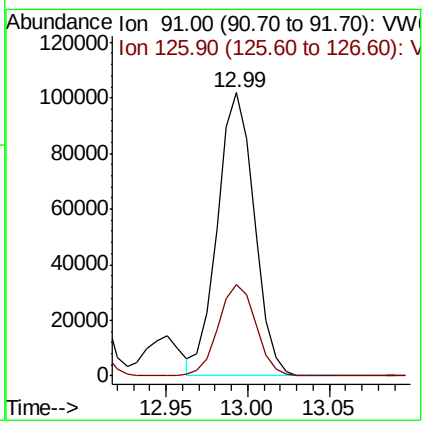


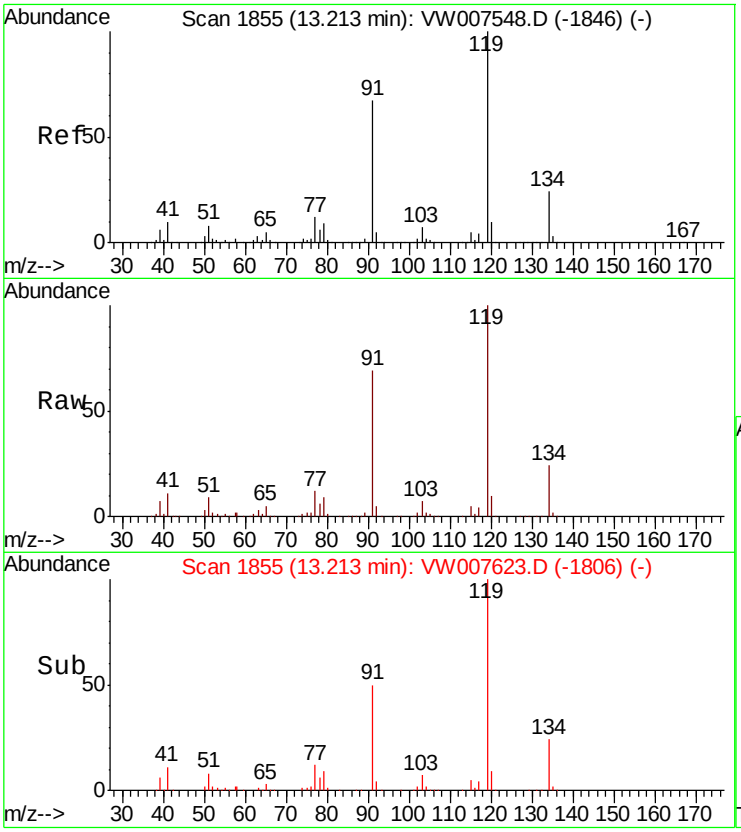




#82
4-Chlorotoluene
Concen: 54.050 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 91 Resp: 160327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.9 | 16.0 | 48.0 |



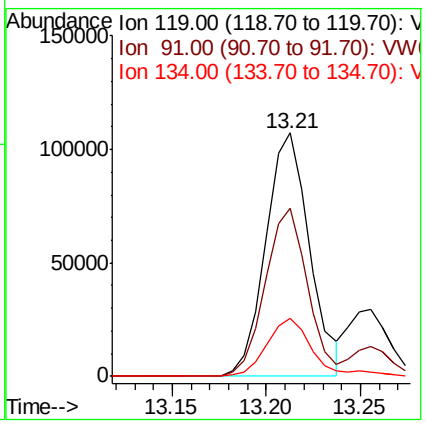


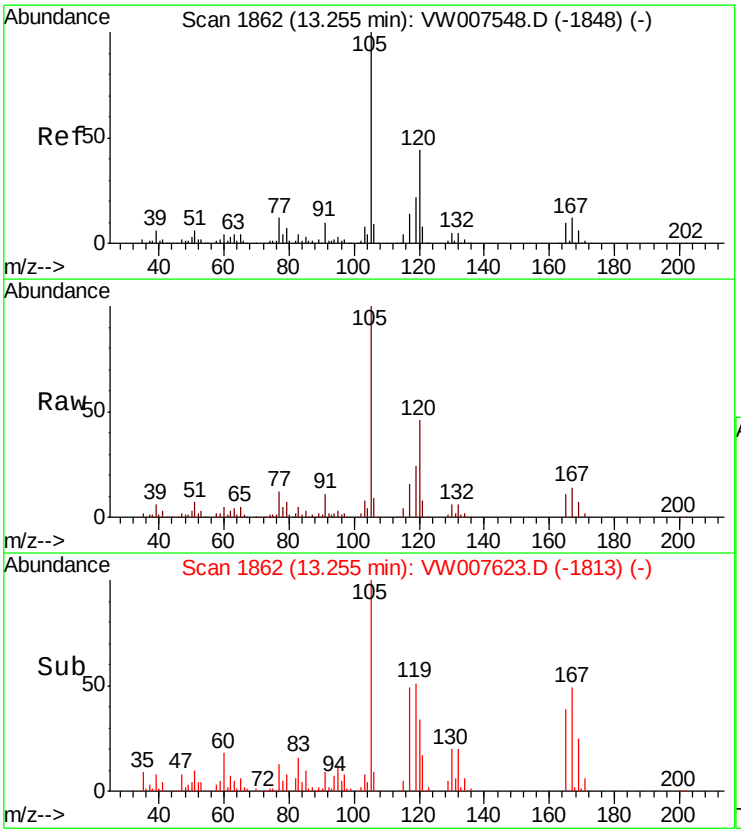

#83
tert-Butylbenzene
Concen: 56.535 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:119 Resp: 172971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.6 | 33.1 | 99.2 |
| 134 | 24.9 | 12.5 | 37.5 |

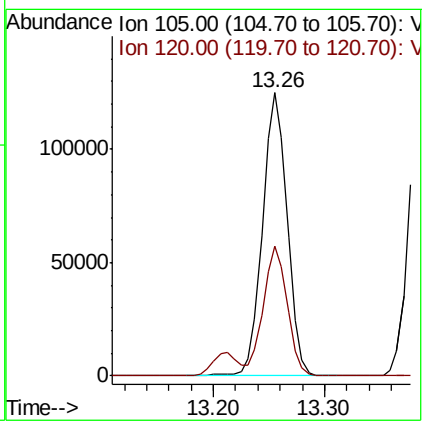


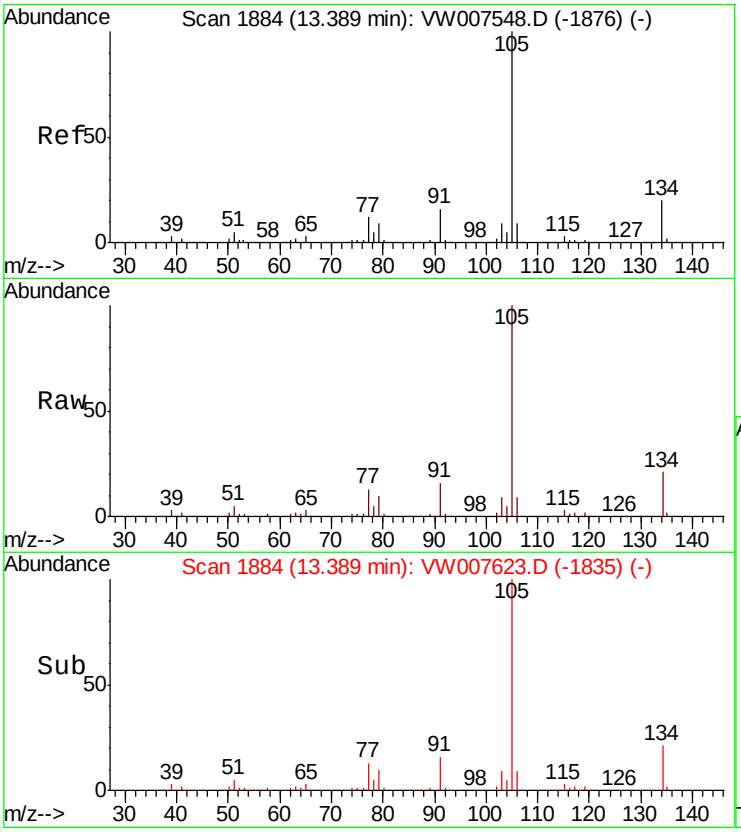




#84
1,2,4-Trimethylbenzene
Concen: 54.235 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:105 Resp: 193789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.0 | 22.6 | 67.7 |



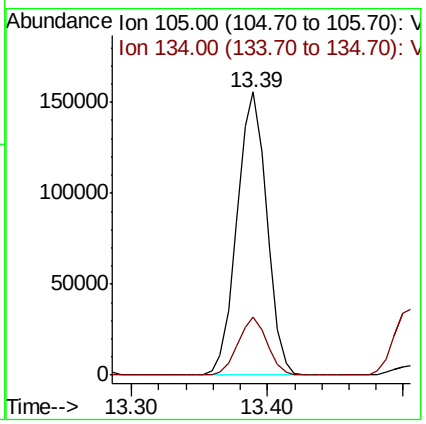


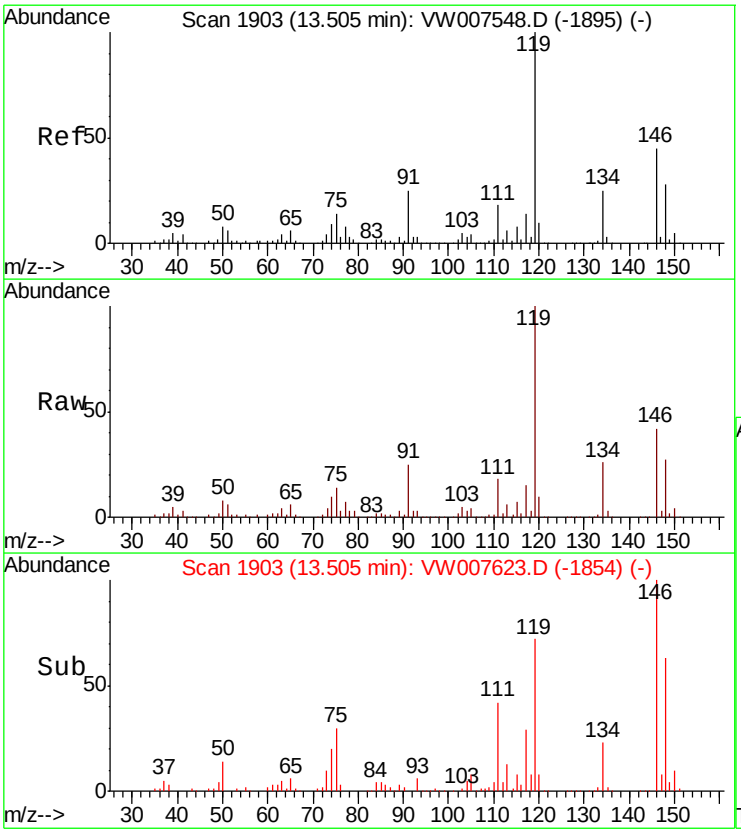

#85
sec-Butylbenzene
Concen: 57.089 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:105 Resp: 238440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 11.1 | 33.3 |

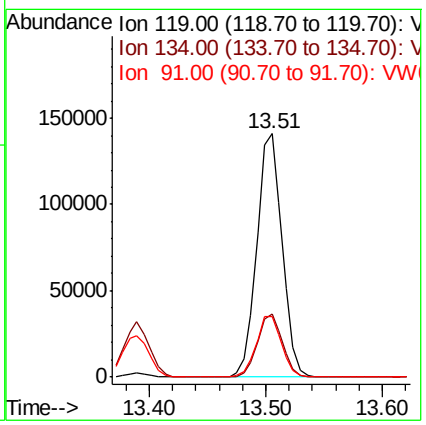


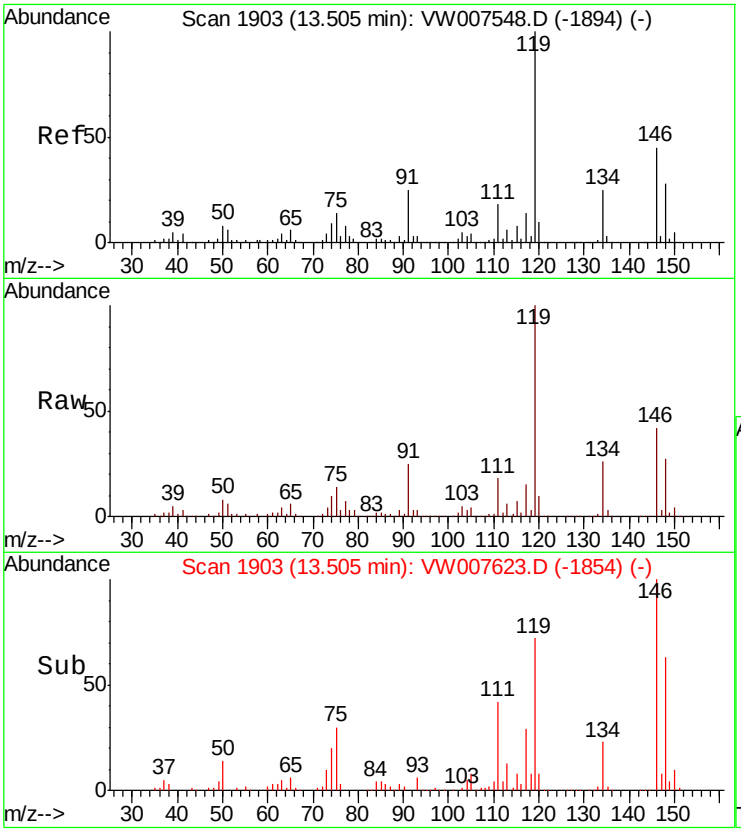




#86
p-Isopropyltoluene
Concen: 57.011 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:119 Resp: 213913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 12.9 | 38.7 |
| 91 | 25.2 | 11.9 | 35.9 |



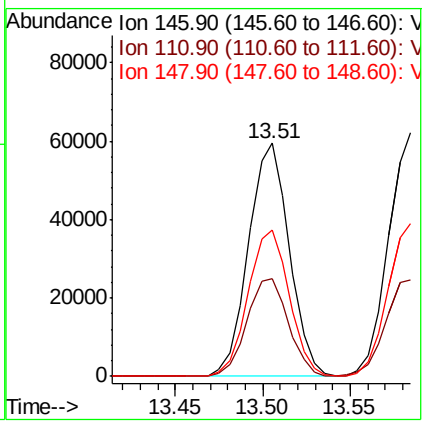


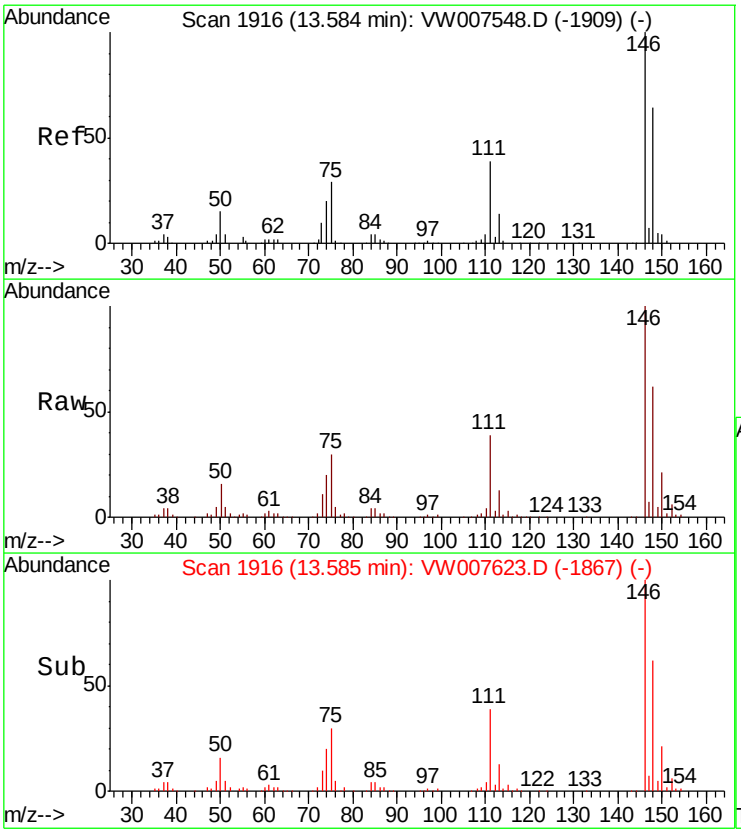

#87
1,3-Dichlorobenzene
Concen: 53.180 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:146 Resp: 97122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.6 | 20.1 | 60.3 |
| 148 | 63.3 | 31.4 | 94.0 |

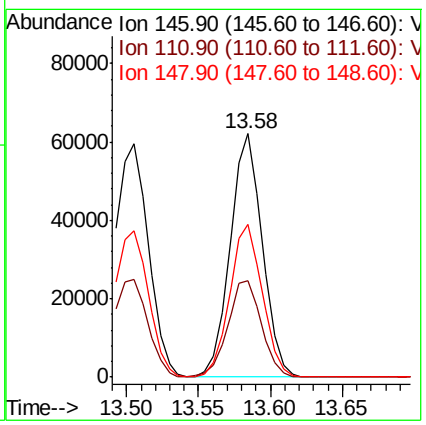


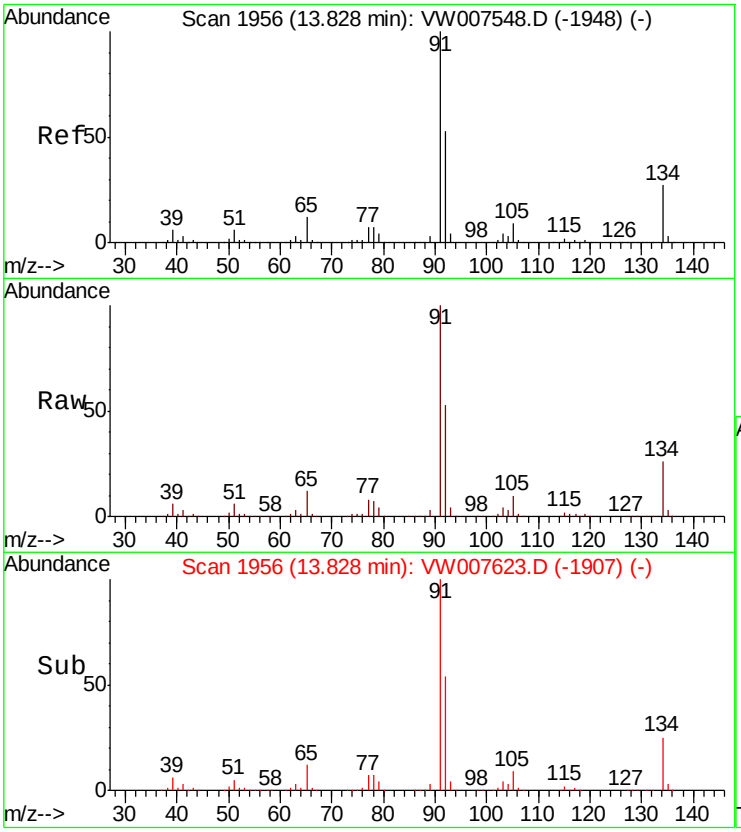




#88
1,4-Dichlorobenzene
Concen: 52.689 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:146 Resp: 96739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.5 | 20.3 | 61.0 |
| 148 | 63.6 | 33.5 | 100.5 |



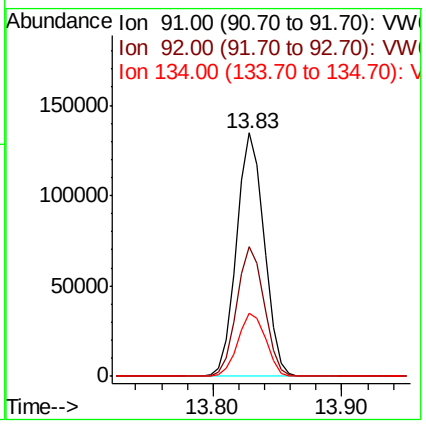


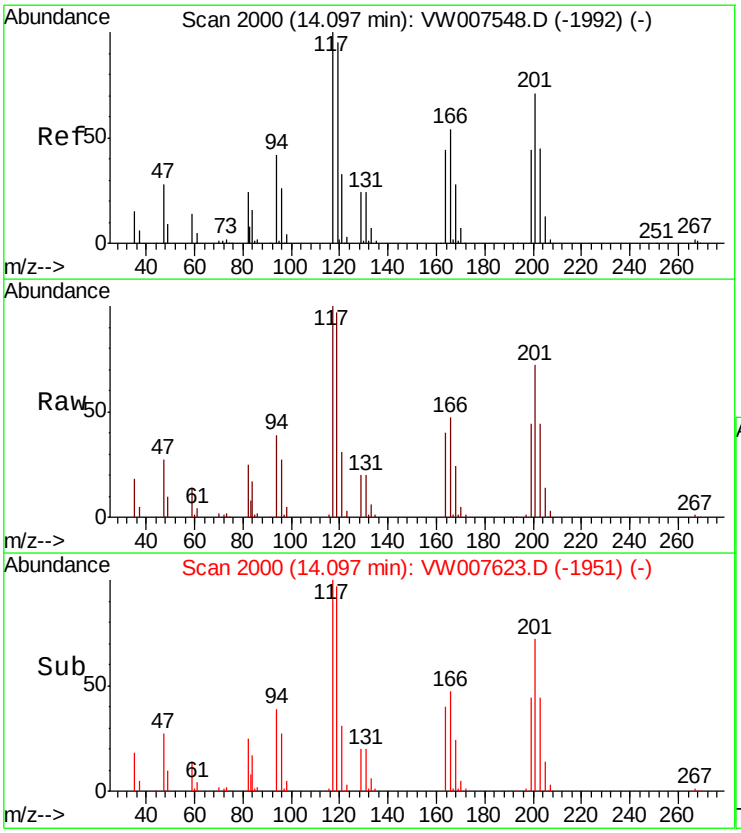

#89
n-Butylbenzene
Concen: 57.365 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion: 91 Resp: 199540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.0 | 25.7 | 77.1 |
| 134 | 26.1 | 13.4 | 40.2 |

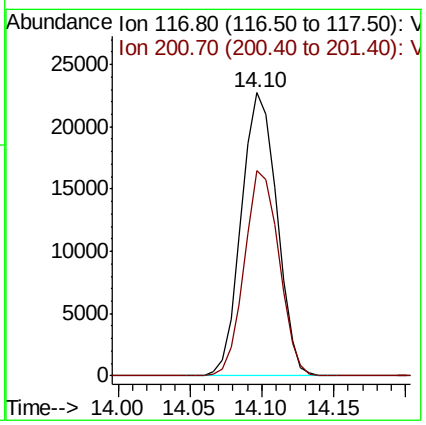


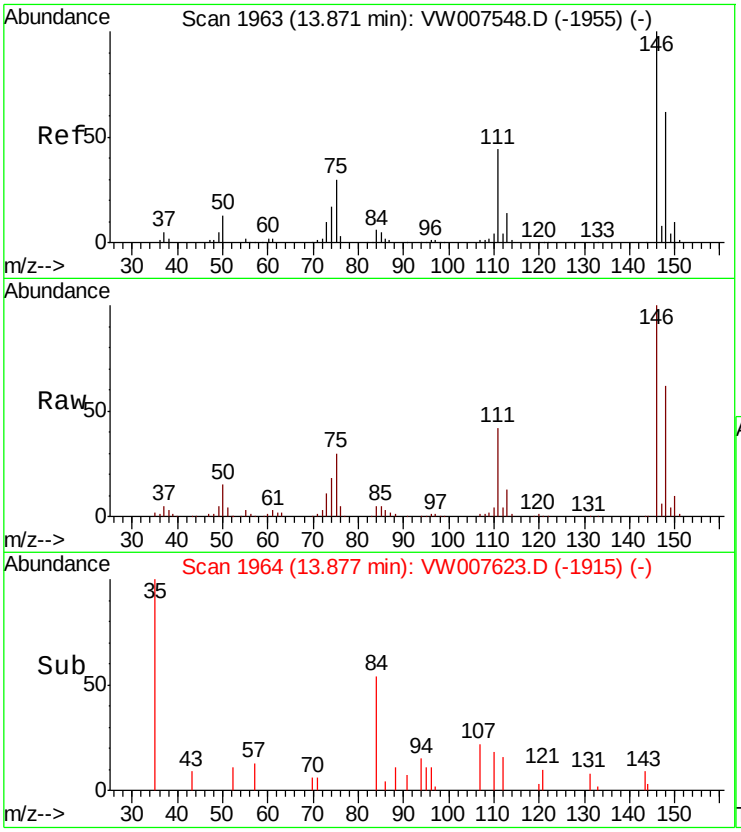




#90
Hexachloroethane
Concen: 58.217 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:117 Resp: 38867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 70.4 | 35.3 | 105.9 |



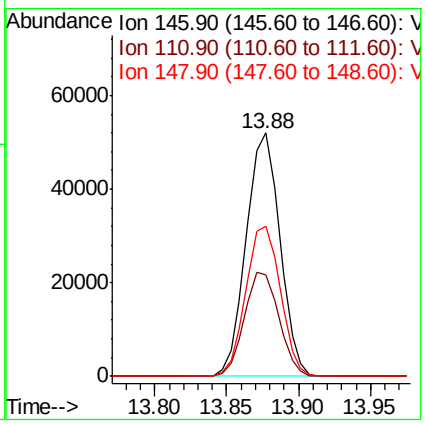


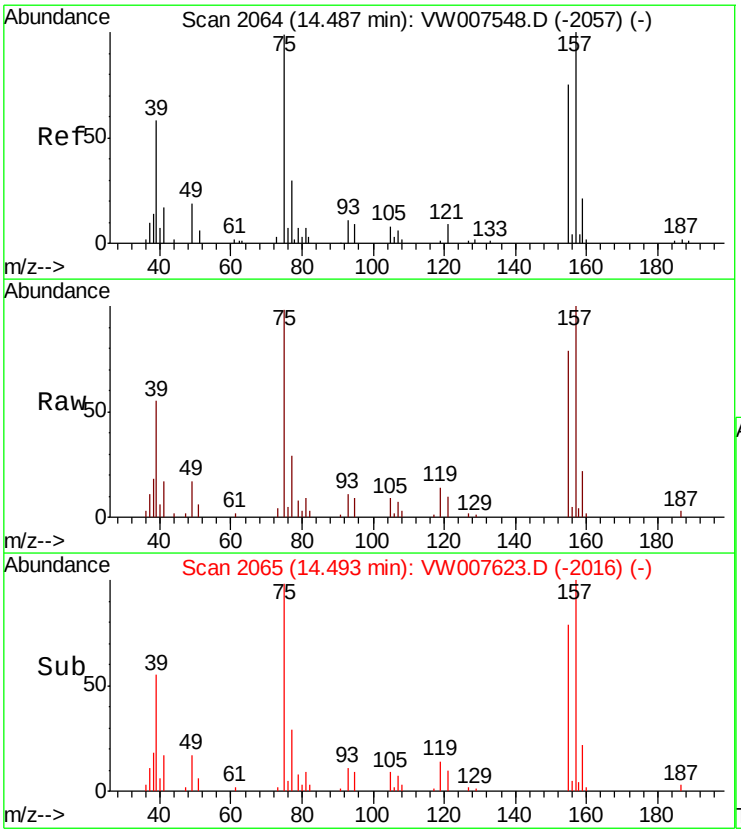

#91
1,2-Dichlorobenzene
Concen: 51.592 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:146 Resp: 84391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 22.4 | 67.2 |
| 148 | 63.3 | 32.4 | 97.2 |

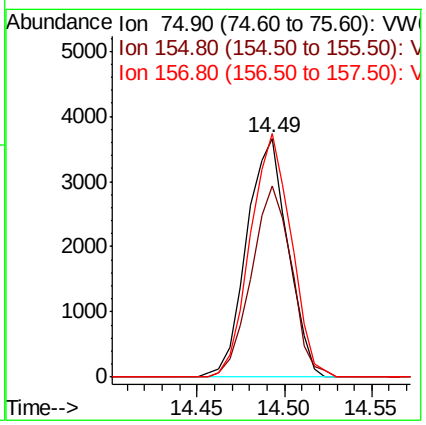


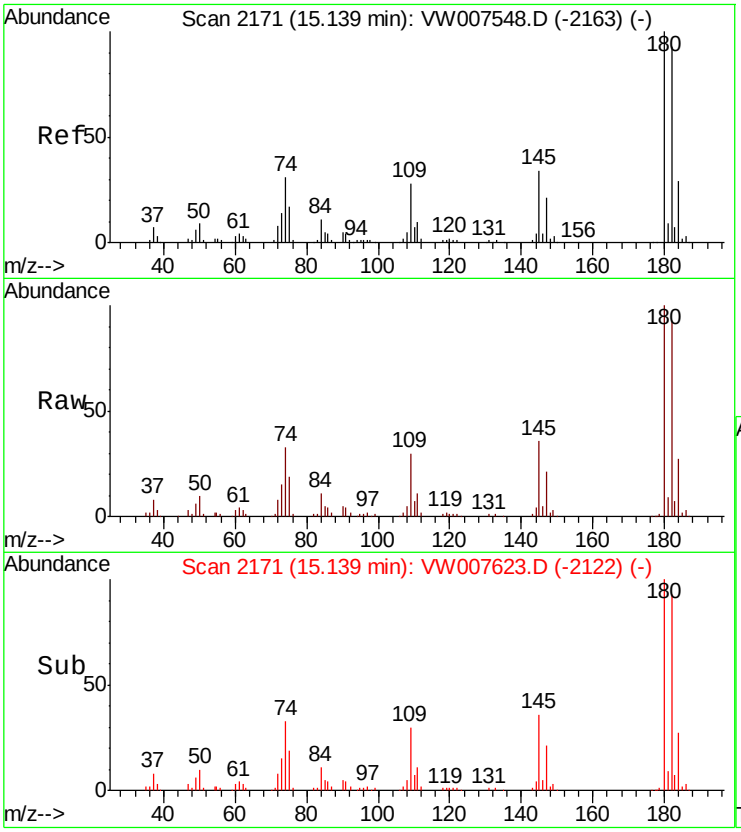




#92
1,2-Dibromo-3-Chloropropane
Concen: 48.817 ug/l
RT: 14.49 min Scan# 2065
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion: 75 Resp: 5996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 78.0 | 40.8 | 122.2 |
| 157 | 100.8 | 51.1 | 153.4 |



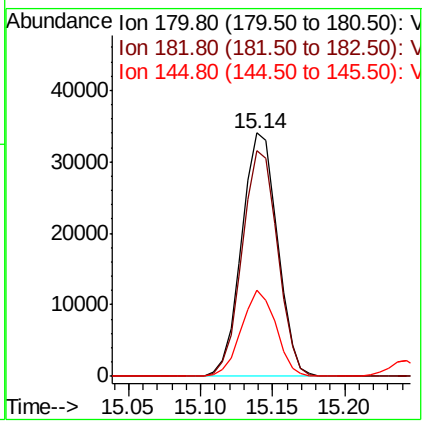


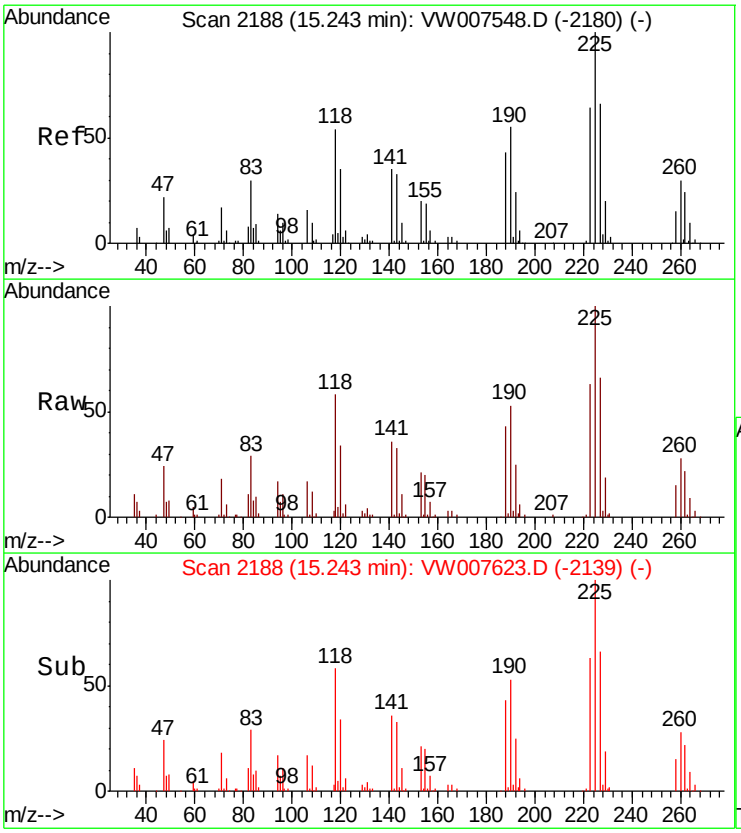

#93
1,2,4-Trichlorobenzene
Concen: 51.978 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:180 Resp: 58512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.8 | 49.9 | 149.6 |
| 145 | 34.1 | 17.8 | 53.4 |

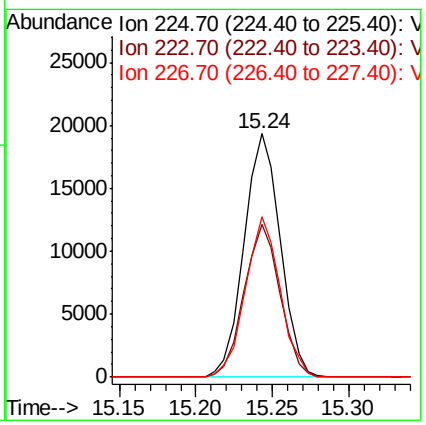


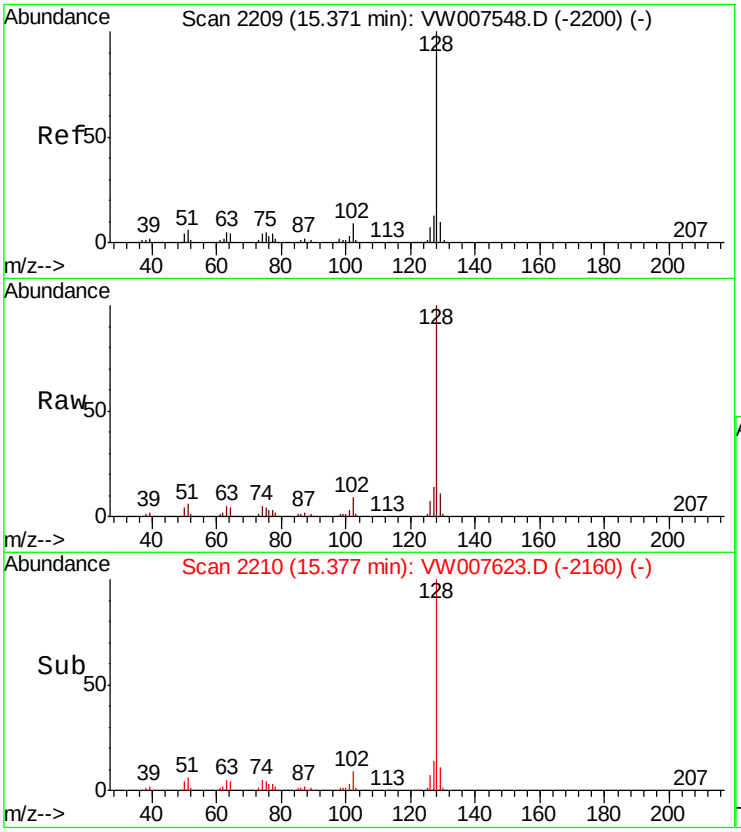




#94
Hexachlorobutadiene
Concen: 53.330 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:225 Resp: 31853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 32.1 | 96.3 |
| 227 | 63.1 | 31.9 | 95.9 |



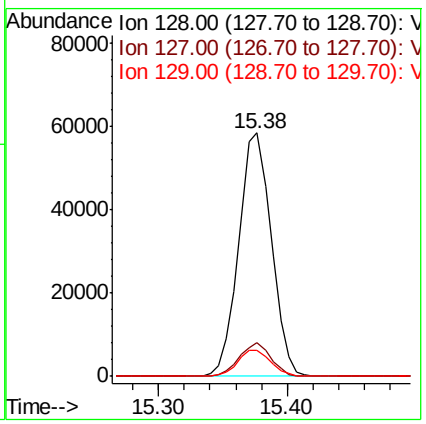


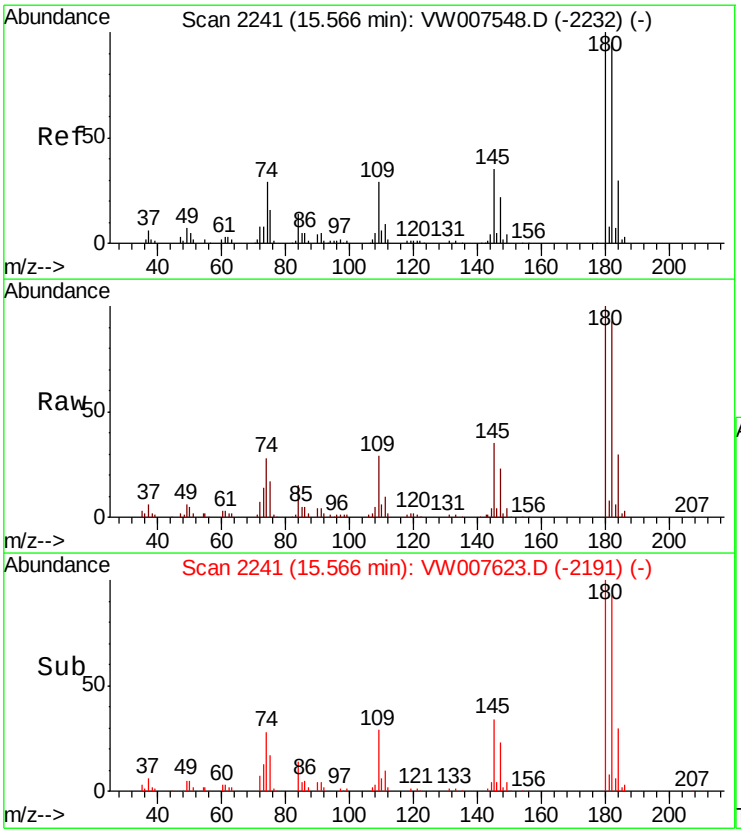

#95
Naphthalene
Concen: 47.554 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

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

Tgt Ion:128 Resp: 102408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.3 | 10.2 | 15.4 |
| 129 | 11.1 | 8.3 | 12.5 |




#96
1,2,3-Trichlorobenzene
Concen: 49.970 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007623.D
Acq: 17 Dec 2018 11:15

Tgt Ion:180 Resp: 48864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 45.6 | 136.7 |
| 145 | 35.2 | 17.5 | 52.5 |