Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\

Quantitation Report (Not Reviewed)

Data File : VW007164.D
Acq On : 03 Dec 2018 15:57
Operator : SY/AP
Sample : VIBLK87
Misc : 6.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK87

Quant Time: Dec 04 03:18:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 134687 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 132019 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 68877 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 20621 | 18.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 72.00% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 17945 | 21.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 87.36% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 44818 | 15.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 60.04% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 25726 | 55.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 110.88% | | | |
| 24) Chloroform-d | 7.65 | 84 | 49380 | 17.50 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 70.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 36317 | 22.24 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 88.96% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 126090 | 20.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 80.40% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 36396 | 20.25 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 81.00% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 133513 | 20.12 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 80.48% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 18049 | 20.54 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 82.16% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 23037 | 54.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 109.38% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 38953 | 23.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 95.16% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 54836 | 21.22 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 84.88% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.93 | 84 | 4132 | 1.919 | ug/L | 94 |
| 25) Chloroform | 7.68 | 83 | 12334 | 4.146 | ug/L | 97 |
| 27) 1,2-Dichloroethane | 8.28 | 62 | 785 | 0.398 | ug/L # | 74 |
| 35) Trichloroethene | 8.85 | 95 | 4081 | 2.200 | ug/L # | 5 |
| 40) 1,2-Dichloropropane | 9.27 | 63 | 4181 | 2.548 | ug/L # | 87 |
| 41) Bromodichloromethane | 9.34 | 83 | 686 | 0.319 | ug/L # | 26 |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 1186 | 0.455 | ug/L # | 76 |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\

Quantitation Report (Not Reviewed)

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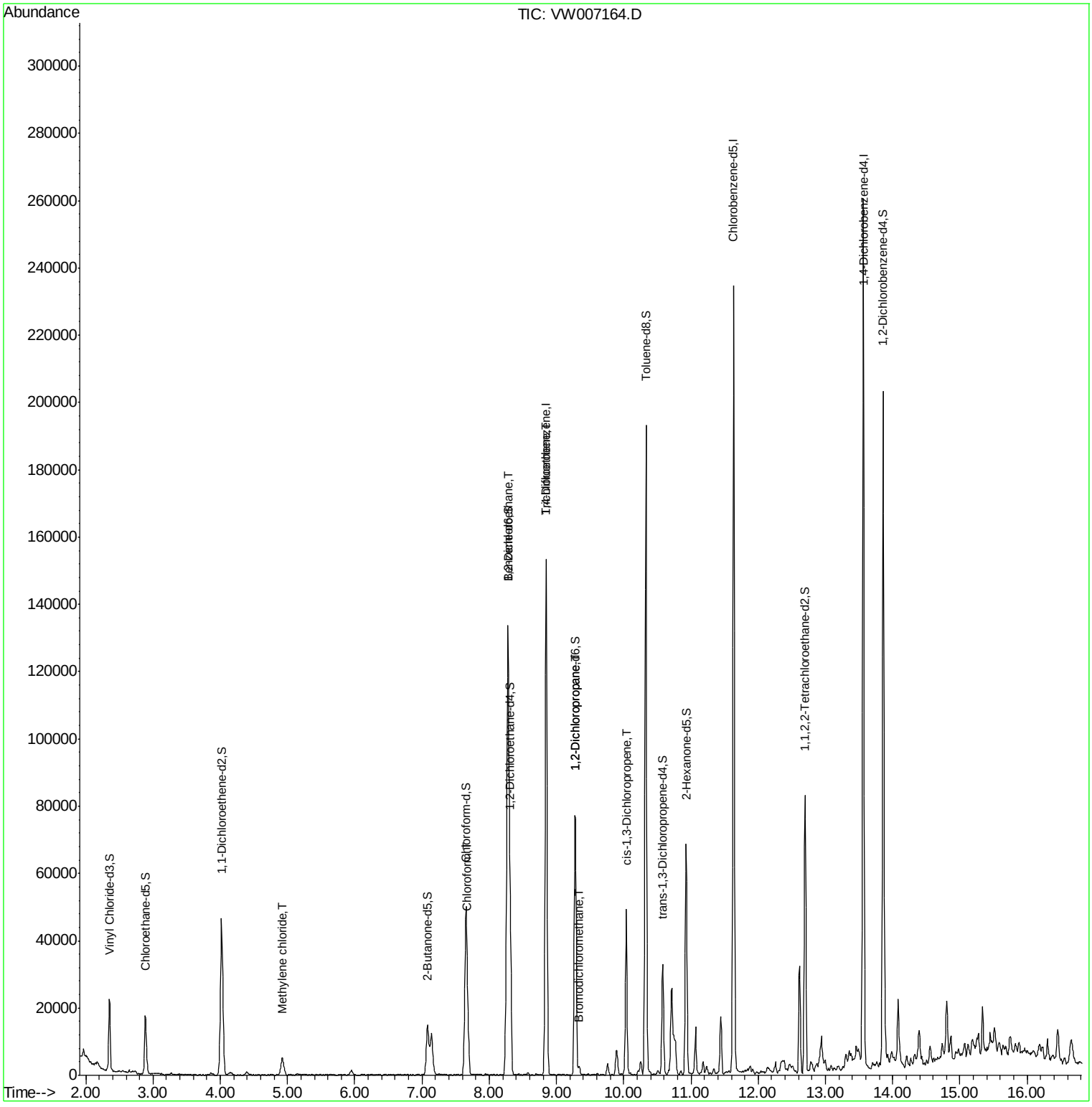
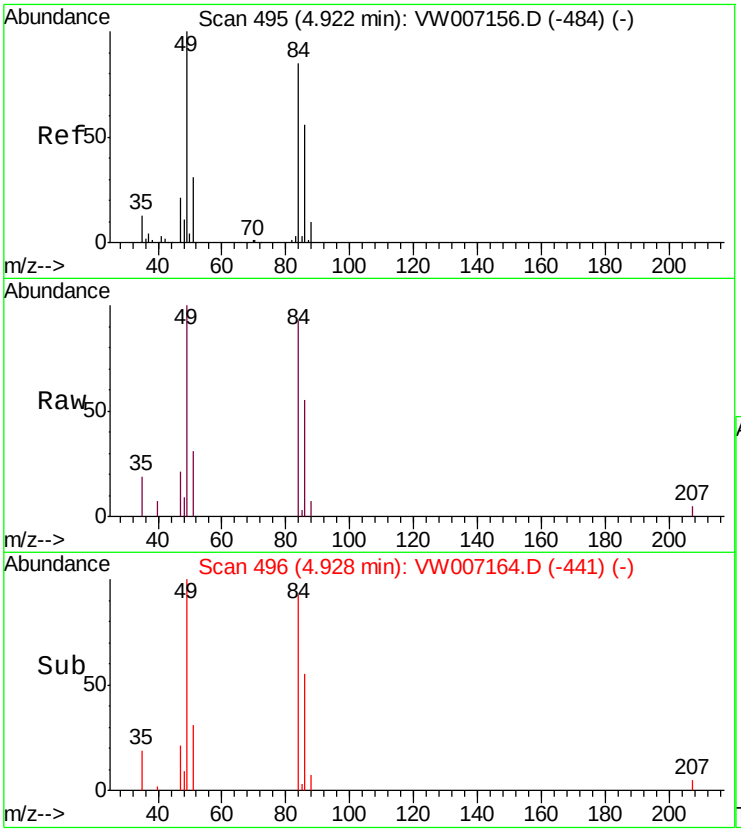
Operator : SY/AP
Sample : VIBLK87
Misc : 6.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK87

Quant Time: Dec 04 03:18:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration



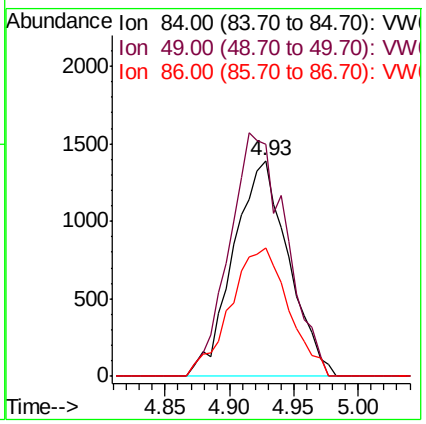


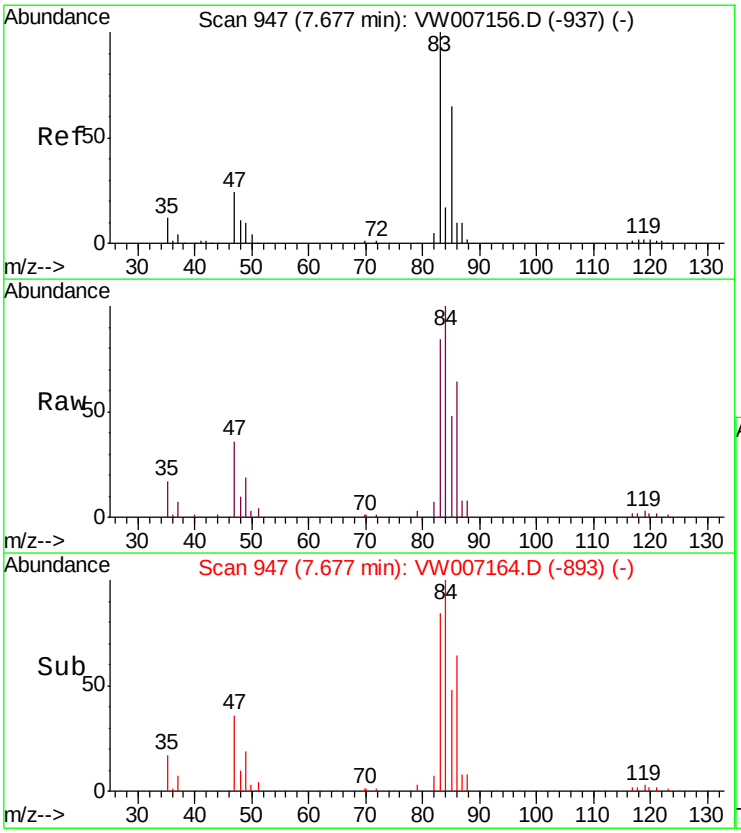

#16
Methylene chloride
Concen: 1.919 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007164.D
Acq: 03 Dec 2018 15:57

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK87

Tgt Ion: 84 Resp: 4132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 107.6 | 80.9 | 150.3 |
| 86 | 59.7 | 42.8 | 79.6 |

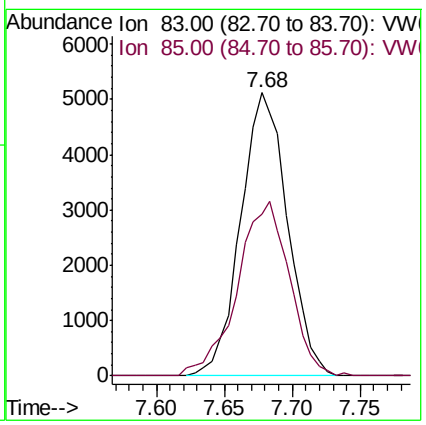


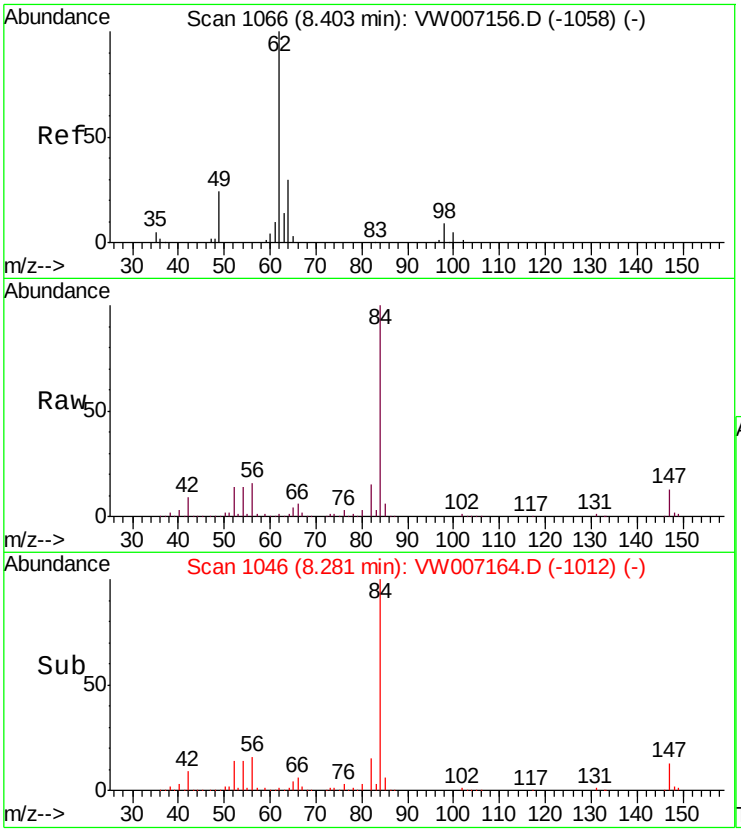




#25
Chloroform
Concen: 4.146 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007164.D
Acq: 03 Dec 2018 15:57

Tgt Ion: 83 Resp: 12334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.2 | 46.1 | 85.7 |



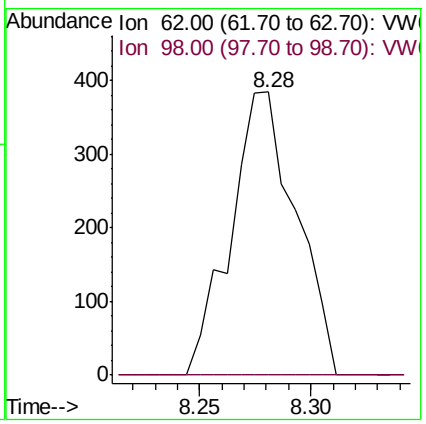


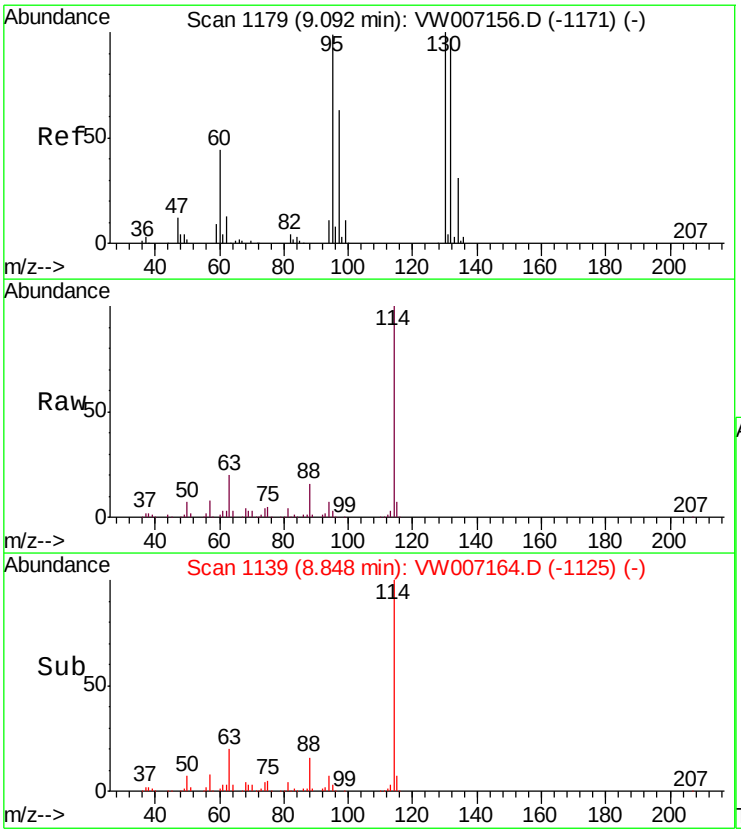

#27
1,2-Dichloroethane
Concen: 0.398 ug/L
RT: 8.28 min Scan# 1046
Delta R.T. -0.12 min
Lab File: VW007164.D
Acq: 03 Dec 2018 15:57

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK87

Tgt Ion: 62 Resp: 785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.4 | 11.2# |

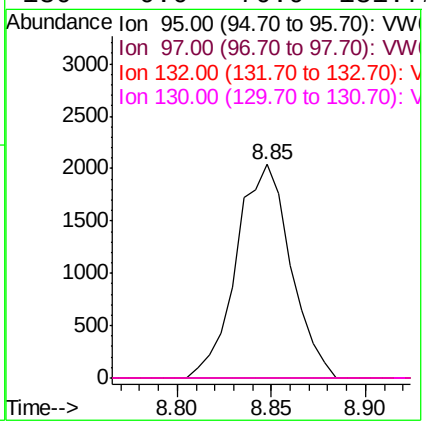


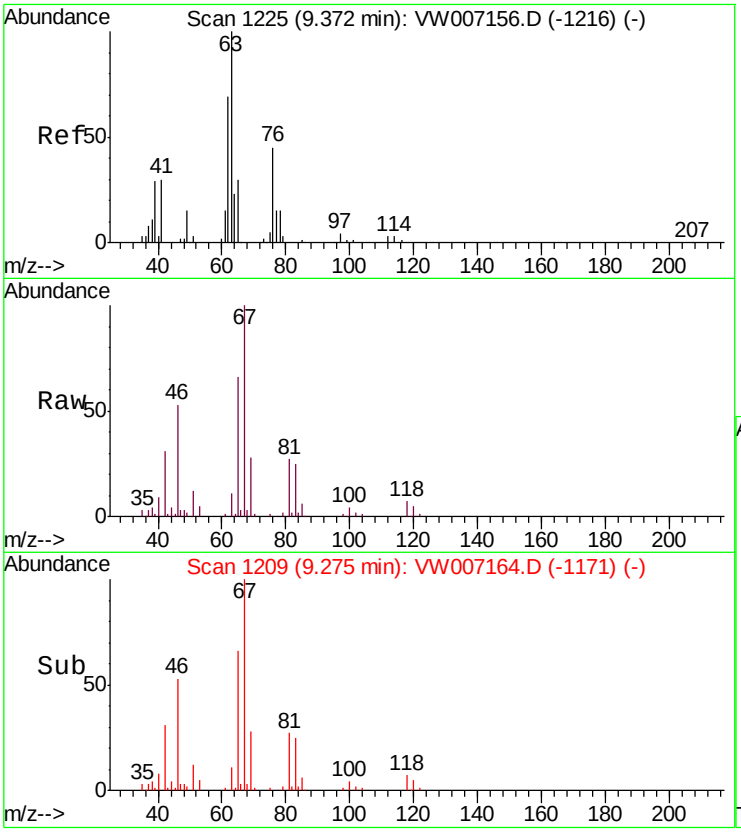




#35
Trichloroethene
Concen: 2.200 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW007164.D
Acq: 03 Dec 2018 15:57

Tgt Ion: 95 Resp: 4081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 44.7 | 83.1# |
| 132 | 0.0 | 68.2 | 126.6# |
| 130 | 0.0 | 70.9 | 131.7# |



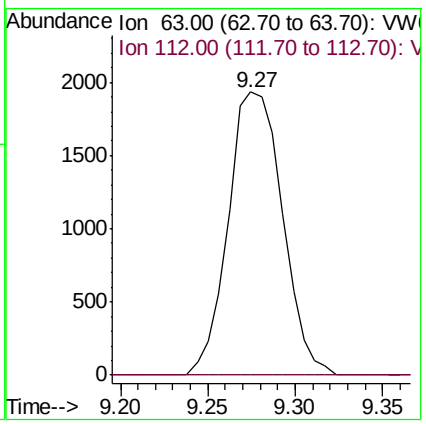


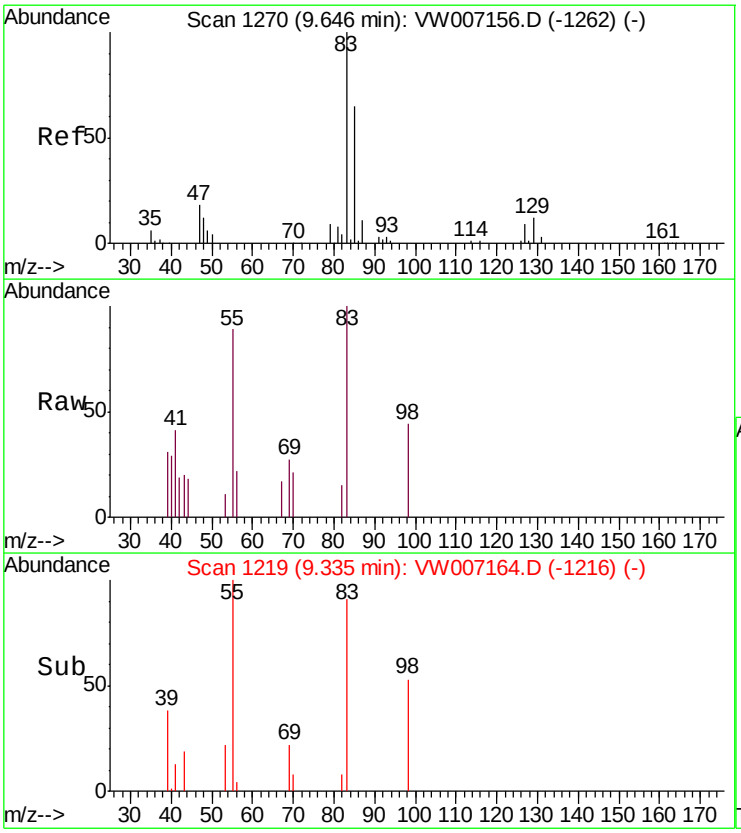

#40
1,2-Dichloropropane
Concen: 2.548 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007164.D
Acq: 03 Dec 2018 15:57

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK87

Tgt Ion: 63 Resp: 4181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.2# |

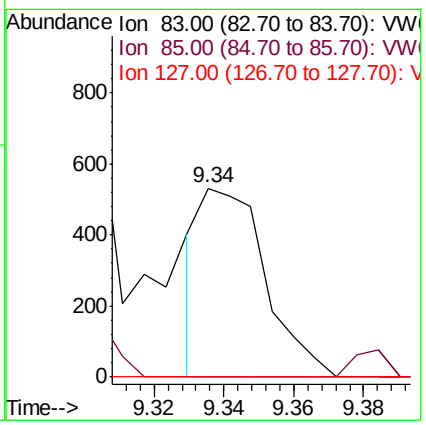


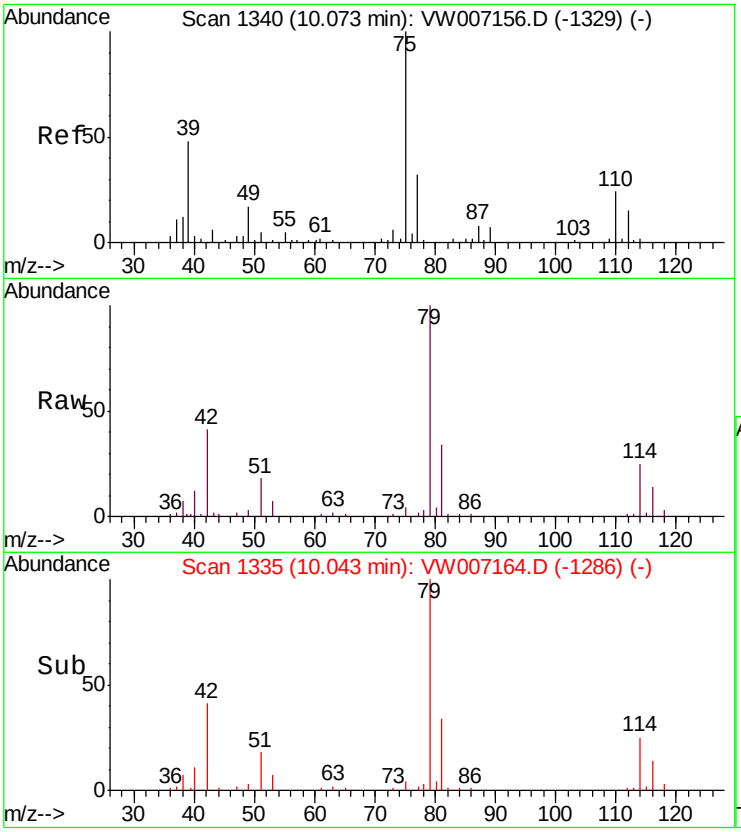




#41
Bromodichloromethane
Concen: 0.319 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.31 min
Lab File: VW007164.D
Acq: 03 Dec 2018 15:57

Tgt Ion: 83 Resp: 686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 0.0 | 43.9 | 81.5# |
| 127 | 0.0 | 7.1 | 10.7# |






#42
cis-1,3-Dichloropropene
Concen: 0.455 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW007164.D
Acq: 03 Dec 2018 15:57

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK87

Tgt Ion: 75 Resp: 1186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.2 | 22.3 | 41.5# |