Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100118\
Data File : VW005762.D
Acq On : 02 Oct 2018 04:06
Operator : SY/AP
Sample : J5181-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC38

**Manual Integrations APPROVED**
sam
10/5/2018 2:43:12 PM

Quant Time: Oct 15 07:43:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 02 07:19:35 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 230974 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 192837 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 67184 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 44476 | 15.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 60.40% | | | |
| 7) Chloroethane-d5 | 2.90 | 69 | 41034 | 17.86 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 71.44% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 80454 | 12.51 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 50.04% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 45309 | 47.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 95.86% | | | |
| 24) Chloroform-d | 7.65 | 84 | 138099 | 23.27 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 93.08% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 82375 | 22.92 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 91.68% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 238243 | 24.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 99.84% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 80322 | 29.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 116.44% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 193661 | 20.55 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 82.20% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 26407 | 18.22 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 72.88% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 31754 | 49.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 98.30% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 64092 | 23.91 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 95.64% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 51686 | 21.74 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 86.96% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 62715 | 63.711 | ug/L | 70 |
| 14) Carbon disulfide | 4.37 | 76 | 11304m | 1.202 | ug/L | |
| 16) Methylene chloride | 4.92 | 84 | 17271 | 4.535 | ug/L | 98 |
| 21) 2-Butanone | 7.19 | 43 | 19124 | 16.222 | ug/L | 96 |
| 54) m,p-Xylene | 11.84 | 106 | 3303 | 0.629 | ug/L | 90 |
| 55) o-xylene | 12.18 | 106 | 3060 | 0.618 | ug/L | 82 |

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

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**Instrument :**
MSVOA_W
**ClientSampleId :**
JLC38

**Manual Integrations APPROVED**
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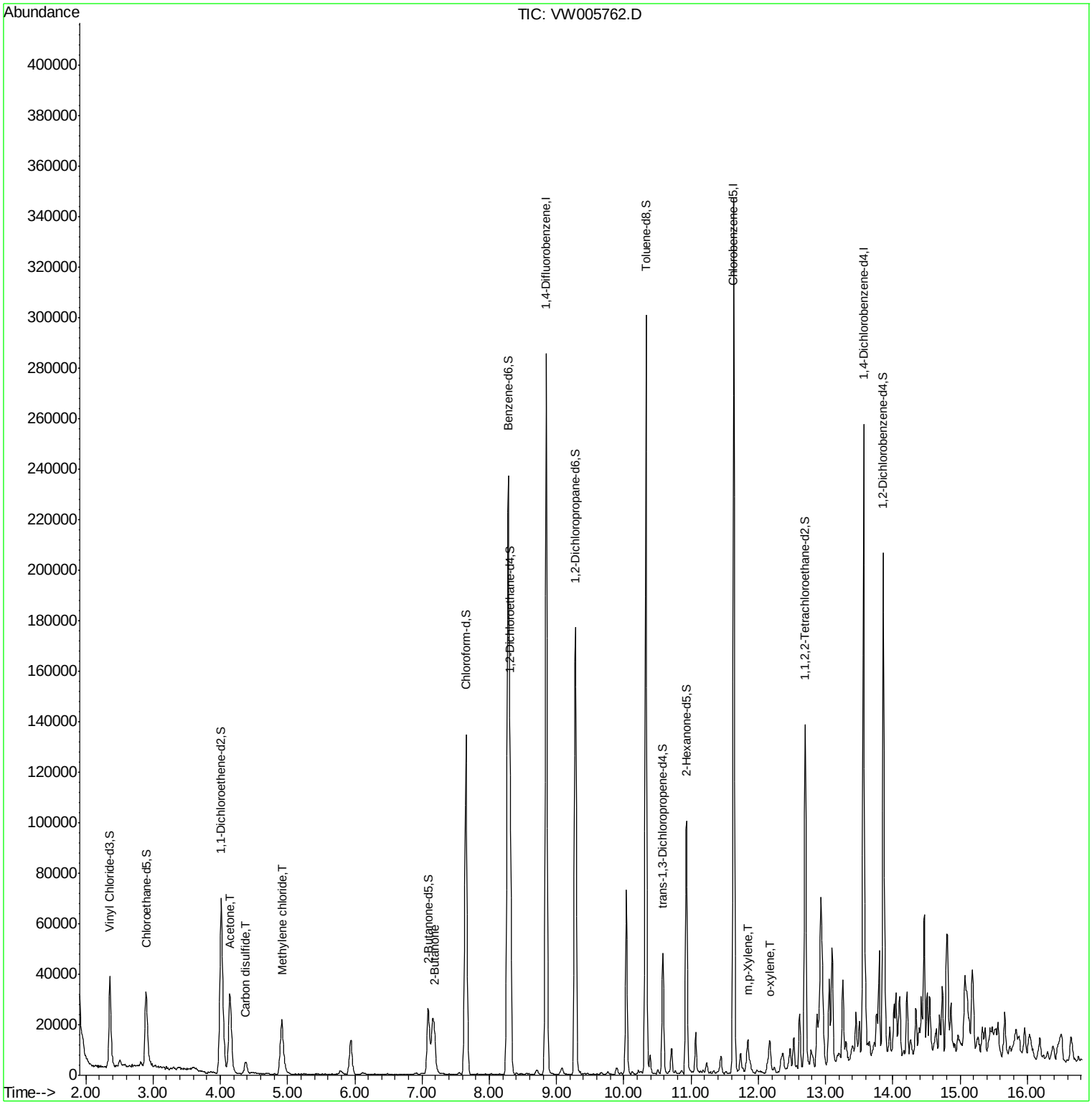
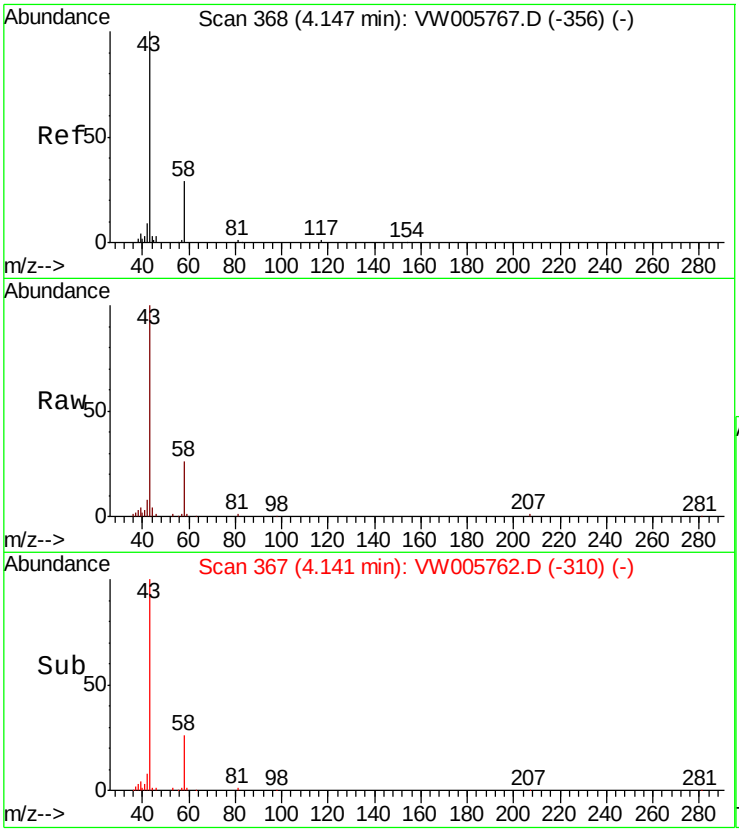
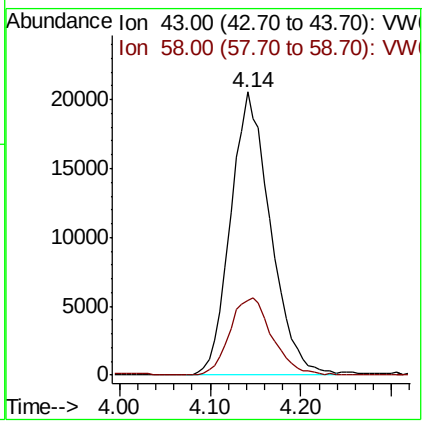





#13
Acetone
Concen: 63.711 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

Tgt Ion: 43 Resp: 62715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.7 | 0.0 | 31.8 |

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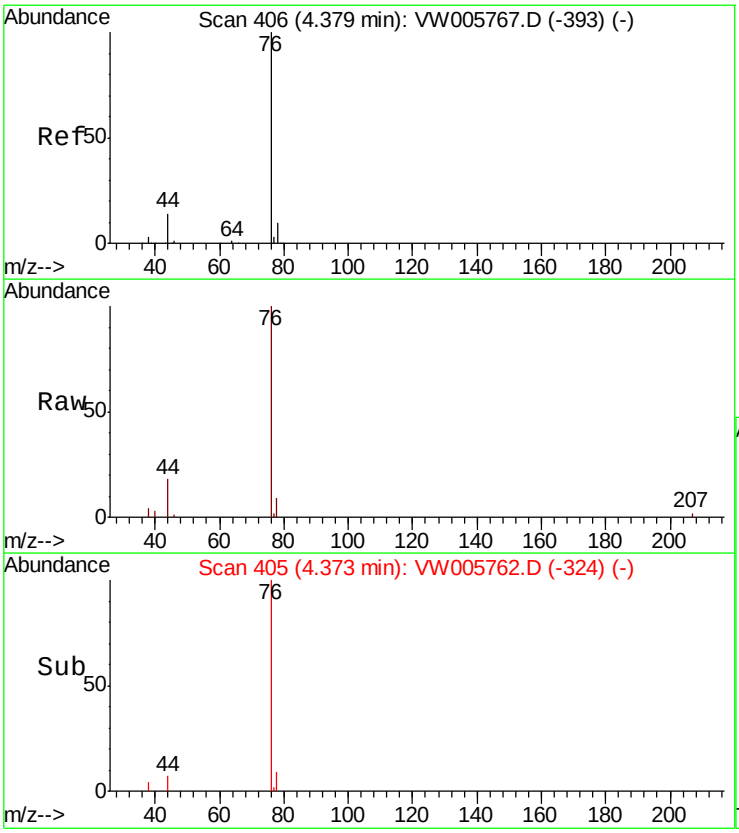
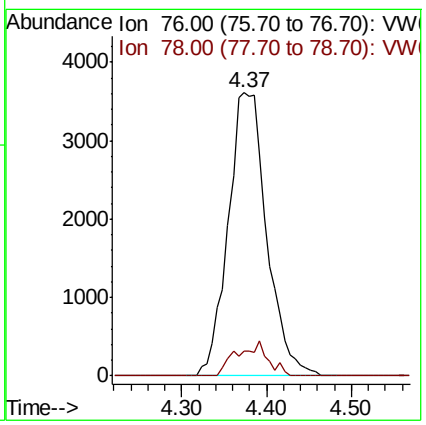
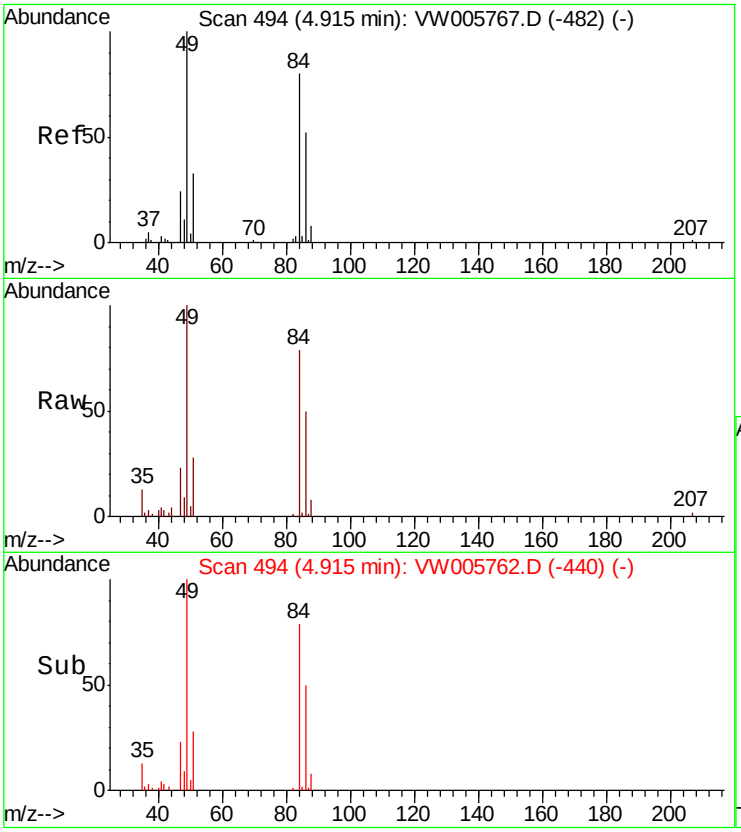



#14
Carbon disulfide
Concen: 1.202 ug/L m
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

Tgt Ion: 76 Resp: 11304

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

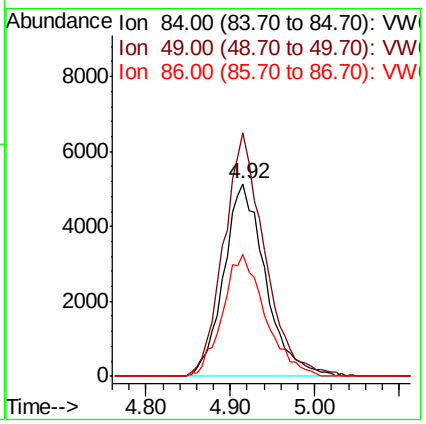





#16
Methylene chloride
Concen: 4.535 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

Tgt Ion: 84 Resp: 17271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 126.2 | 87.2 | 162.0 |
| 86 | 63.1 | 43.2 | 80.2 |

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**ClientSampleId :**
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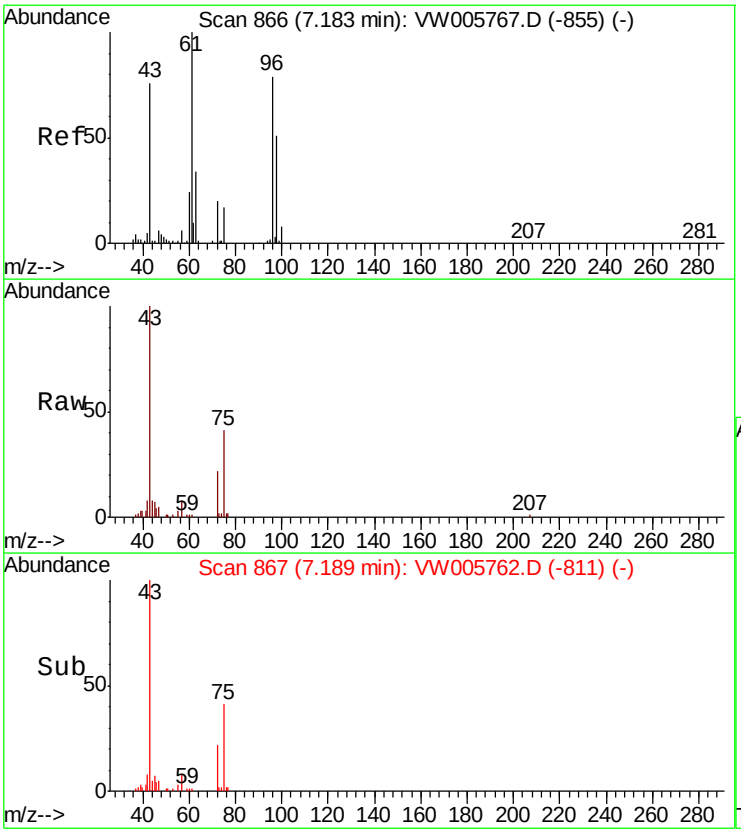
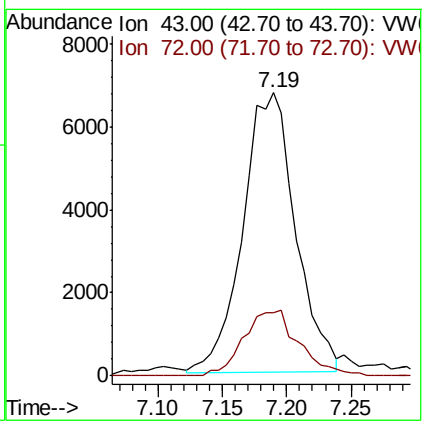
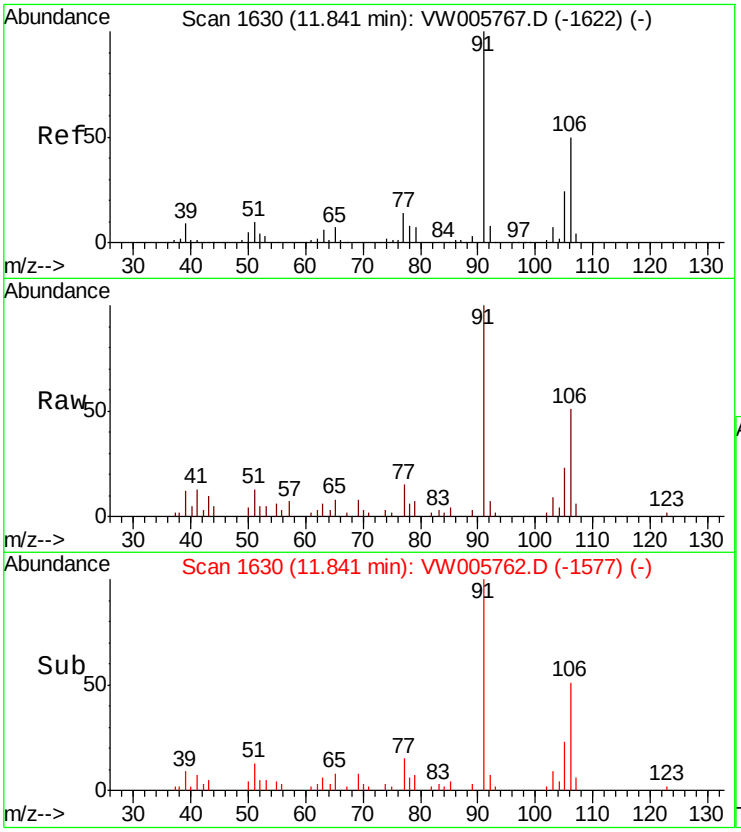



#21
2-Butanone
Concen: 16.222 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

Tgt Ion: 43 Resp: 19124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.5 | 13.2 | 39.6 |






#54
m,p-Xylene
Concen: 0.629 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

Tgt Ion:106 Resp: 3303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 194.8 | 147.7 | 274.3 |

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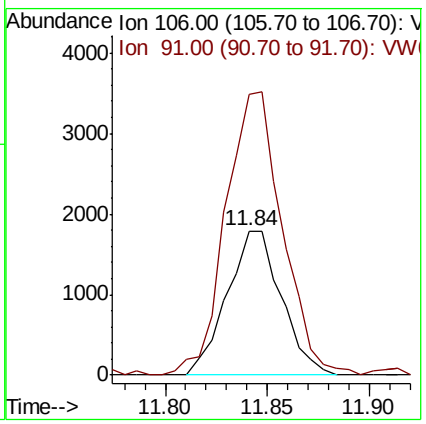


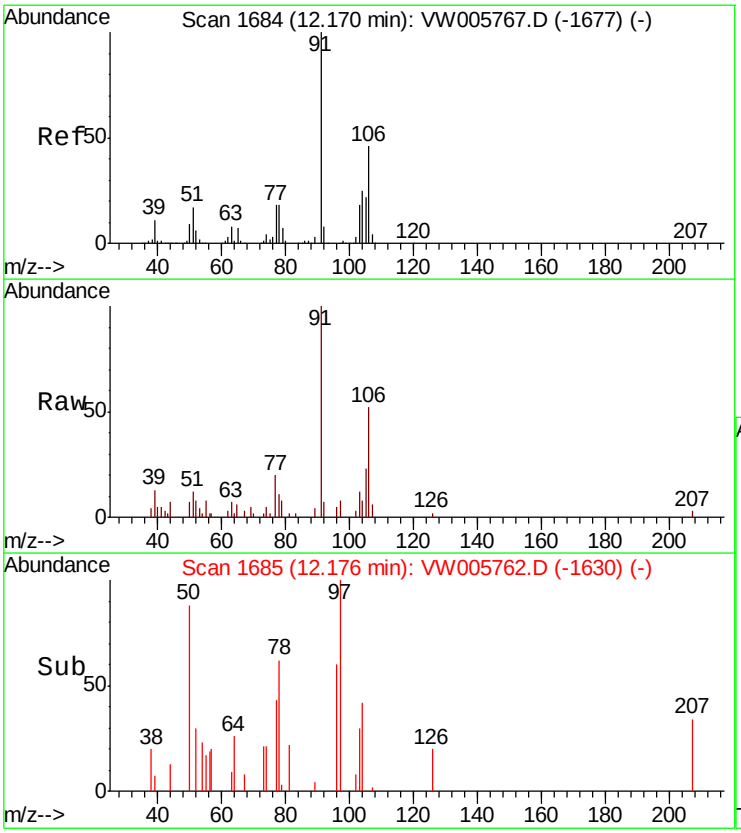


#55
o-xylene
Concen: 0.618 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

Tgt Ion:106 Resp: 3060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 193.6 | 156.5 | 290.7 |