Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112818\
Data File : VV008755.D
Acq On : 28 Nov 2018 23:08
Operator : SY/MD
Sample : J6096-09MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** A4158MS

Quant Time: Nov 29 04:20:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 151299 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 142312 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 59843 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 44030 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 100.40% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 33676 | 5.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 112.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 86021 | 5.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 102.40% | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 128883 | 54.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 109.10% | | | |
| 24) Chloroform-d | 4.41 | 84 | 104742 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 52723 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.00% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 220996 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 67100 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.00% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 194403 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 20720 | 4.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.40% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 84680 | 48.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.34% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 39819 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 93.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 67526 | 5.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 114.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 39720 | 5.258 | ug/L | 98 |
| 13) Acetone | 2.21 | 43 | 8935 | 7.667 | ug/L | 85 |
| 33) Benzene | 5.15 | 78 | 220416 | 5.138 | ug/L | 100 |
| 34) Trichloroethene | 5.96 | 95 | 57393 | 4.857 | ug/L | 100 |
| 42) Toluene | 7.43 | 91 | 231156 | 5.210 | ug/L | 97 |
| 51) Chlorobenzene | 8.93 | 112 | 147613 | 4.587 | ug/L | 98 |

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

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A4158MS

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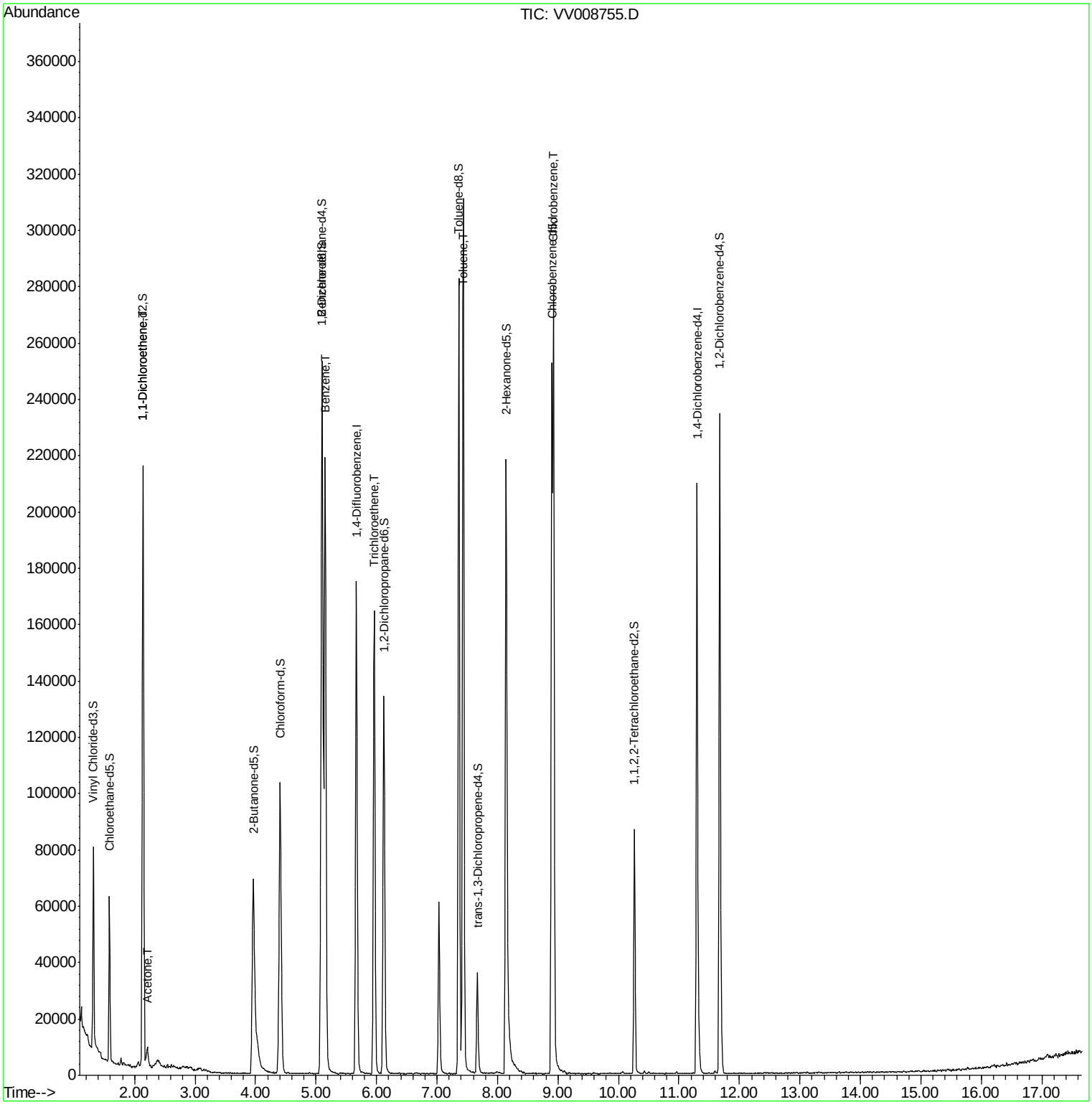
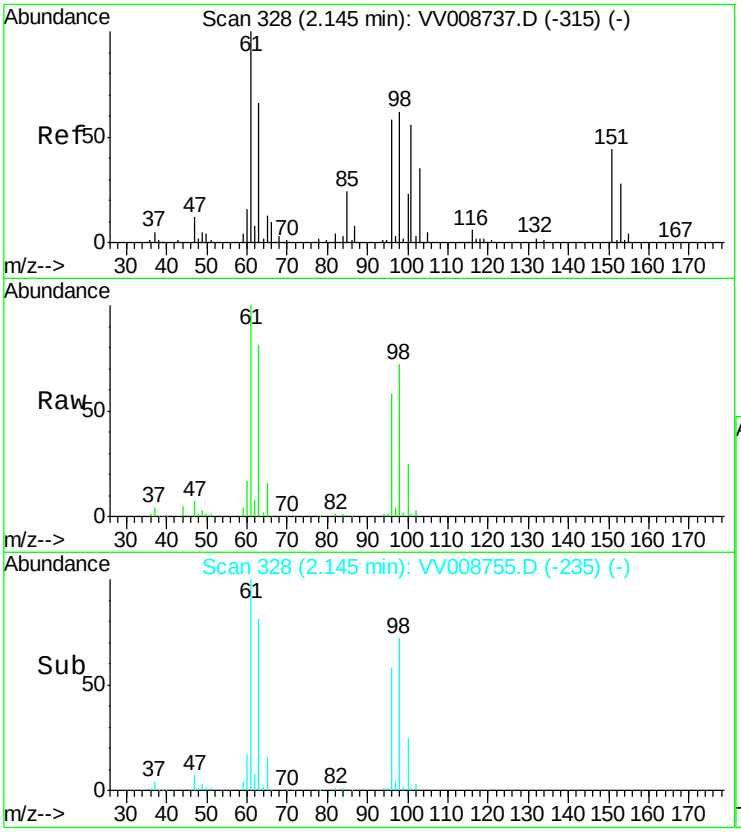
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration



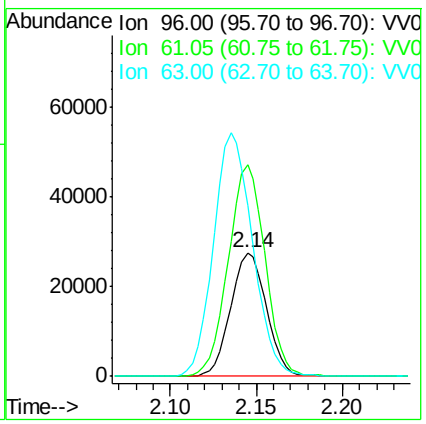


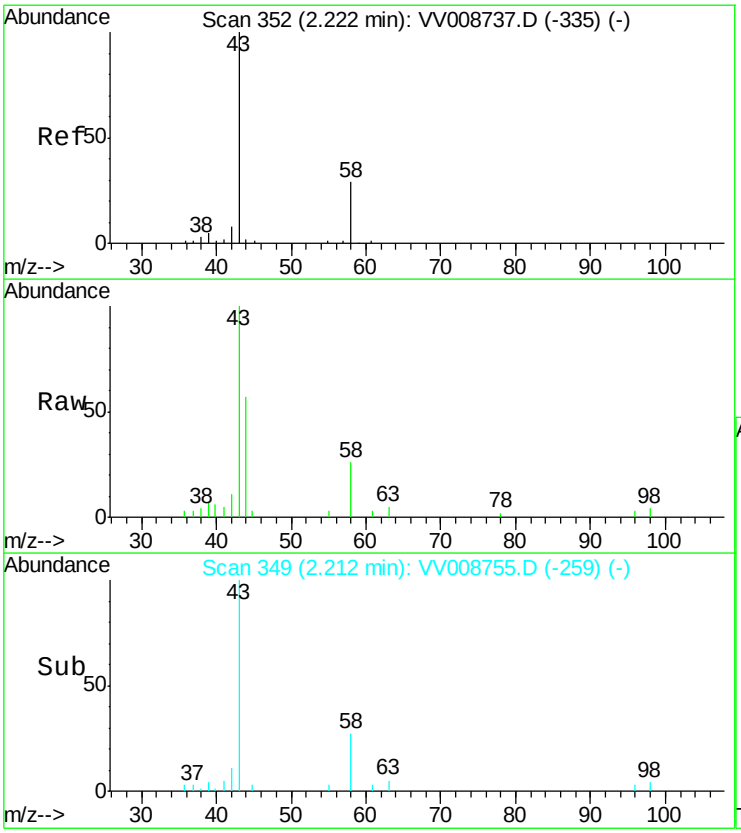

#12
1,1-Dichloroethene
Concen: 5.258 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

**Instrument :** MSVOA_V
**ClientSampleId :** A4158MS

Tgt Ion: 96 Resp: 39720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 171.3 | 118.0 | 219.2 |
| 63 | 138.6 | 95.3 | 177.1 |

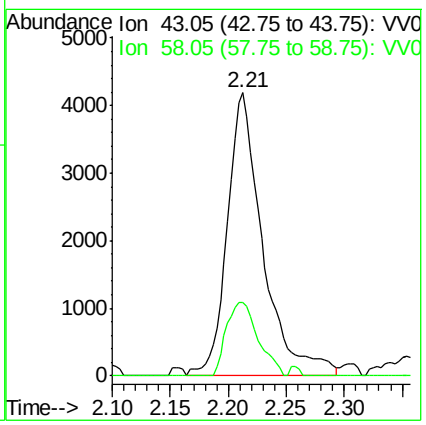


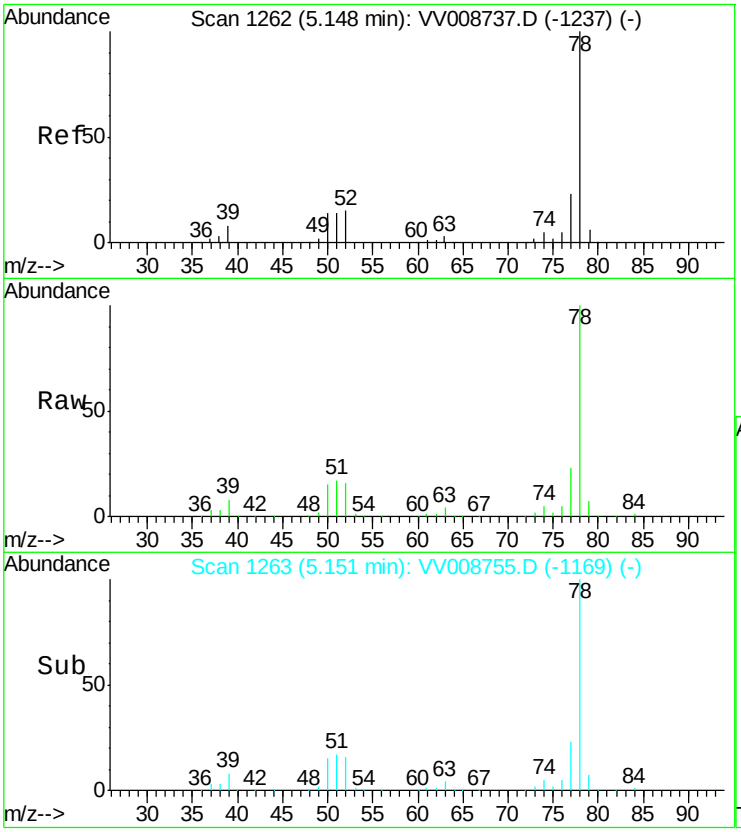




#13
Acetone
Concen: 7.667 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.01 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Tgt Ion: 43 Resp: 8935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.2 | 0.0 | 63.6 |

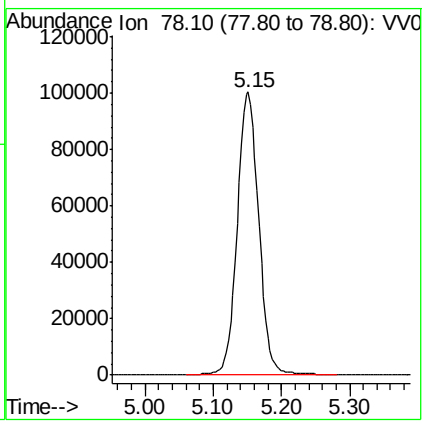


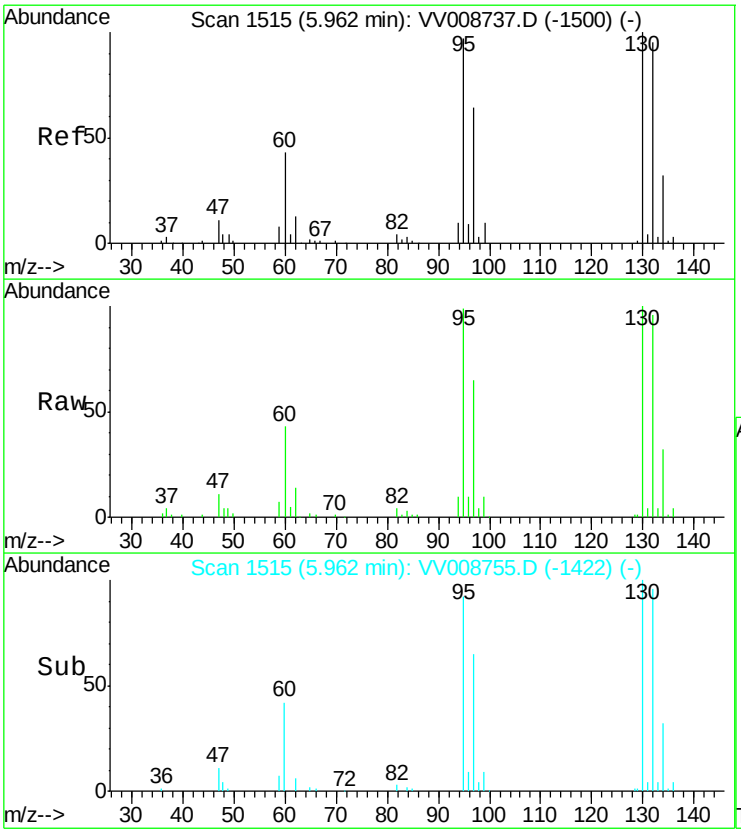



#33
Benzene
Concen: 5.138 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

**Instrument :**
MSVOA_V
**ClientSampleId :**
A4158MS

Tgt Ion: 78 Resp: 220416

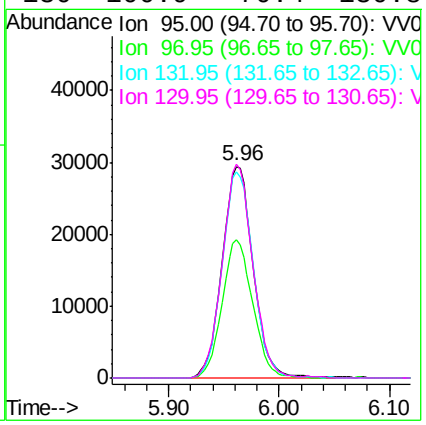


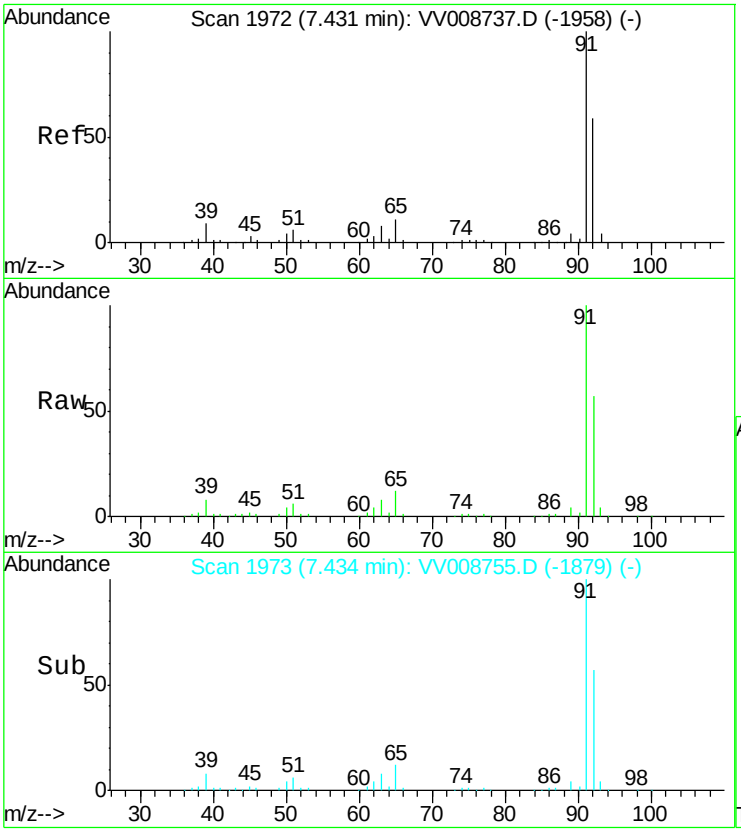




#34
Trichloroethene
Concen: 4.857 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Tgt Ion: 95 Resp: 57393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.3 | 45.1 | 83.9 |
| 132 | 97.1 | 68.0 | 126.4 |
| 130 | 100.9 | 70.4 | 130.8 |



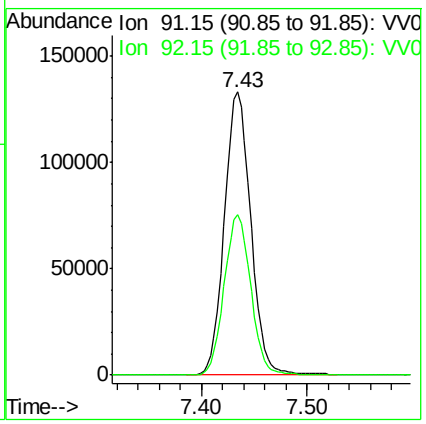


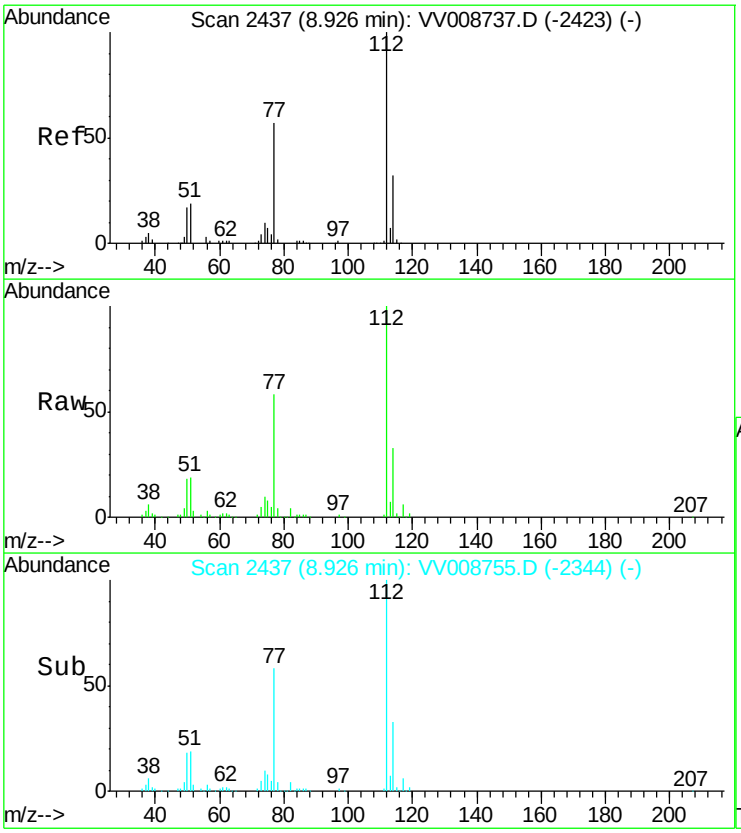

#42
Toluene
Concen: 5.210 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

**Instrument :** MSVOA_V
**ClientSampleId :** A4158MS

Tgt Ion: 91 Resp: 231156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.5 | 40.9 | 75.9 |




#51
Chlorobenzene
Concen: 4.587 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Tgt Ion:112 Resp: 147613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.8 | 21.4 | 39.8 |
| 77 | 57.6 | 45.8 | 68.8 |