Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092418\
Data File : VV007829.D
Acq On : 24 Sep 2018 20:38
Operator : SY/MD
Sample : J5043-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E5FE4

Quant Time: Sep 25 04:46:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 25 04:04:32 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 192304 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 185080 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 96616 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 35535 | 34.00 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 68.00% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 38488 | 40.52 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 81.04% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 72963 | 29.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 59.22%# | | | |
| 21) 2-Butanone-d5 | 3.95 | 46 | 57610 | 83.46 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 83.46% | | | |
| 24) Chloroform-d | 4.41 | 84 | 91012 | 40.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 81.34% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 63366 | 44.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.80% | | | |
| 32) Benzene-d6 | 5.11 | 84 | 176157 | 41.41 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 82.82% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.13 | 67 | 53223 | 42.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 84.72% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 178631 | 40.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 80.36% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 23692 | 37.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 74.80% | | | |
| 47) 2-Hexanone-d5 | 8.14 | 63 | 43679 | 78.95 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 78.95% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 83595 | 42.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 85.26% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 85671 | 43.11 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 86.22% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 33) Benzene | 5.16 | 78 | 1822 | 0.411 | ug/L | 100 |
| 34) Trichloroethene | 5.97 | 95 | 4953 | 3.778 | ug/L | 92 |
| 42) Toluene | 7.44 | 91 | 4782 | 0.910 | ug/L | 98 |
| 46) Tetrachloroethene | 8.02 | 164 | 101332 | 75.514 | ug/L | 98 |

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

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QLast Update : Tue Sep 25 04:04:32 2018
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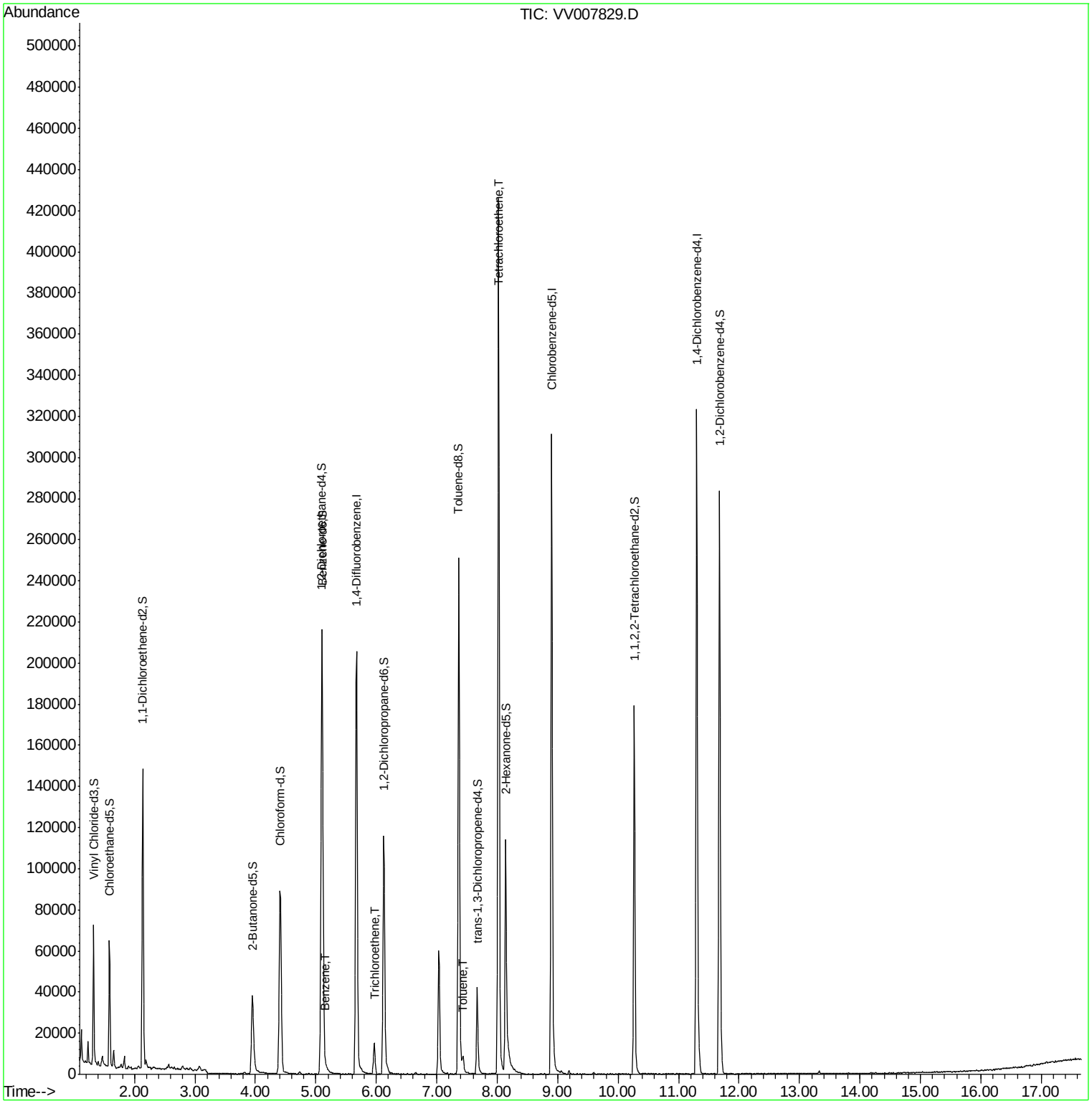
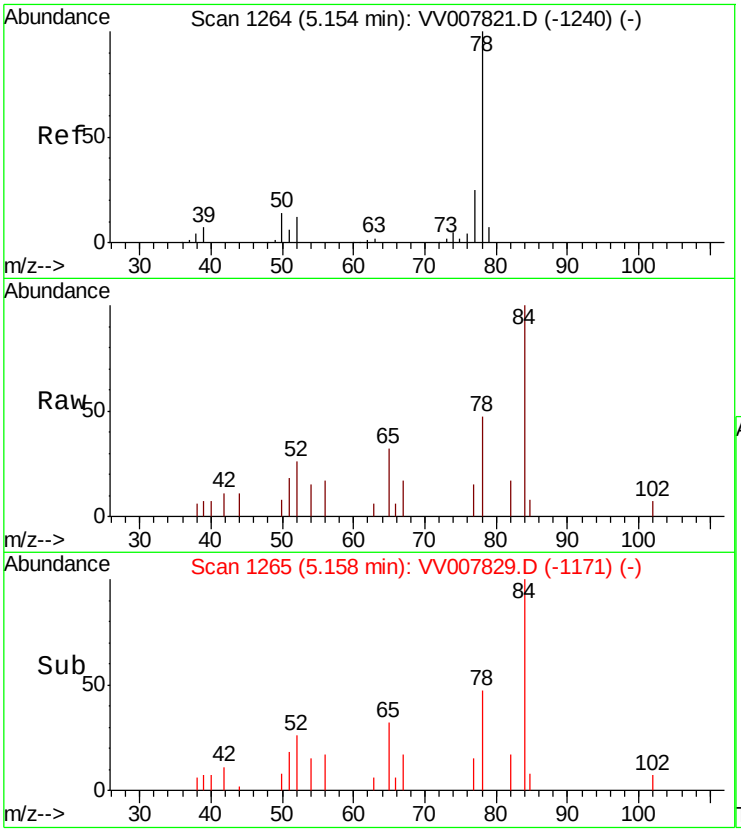
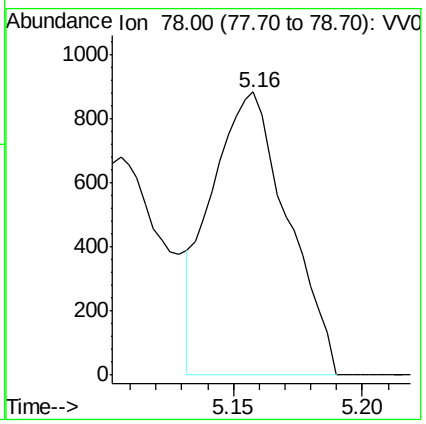


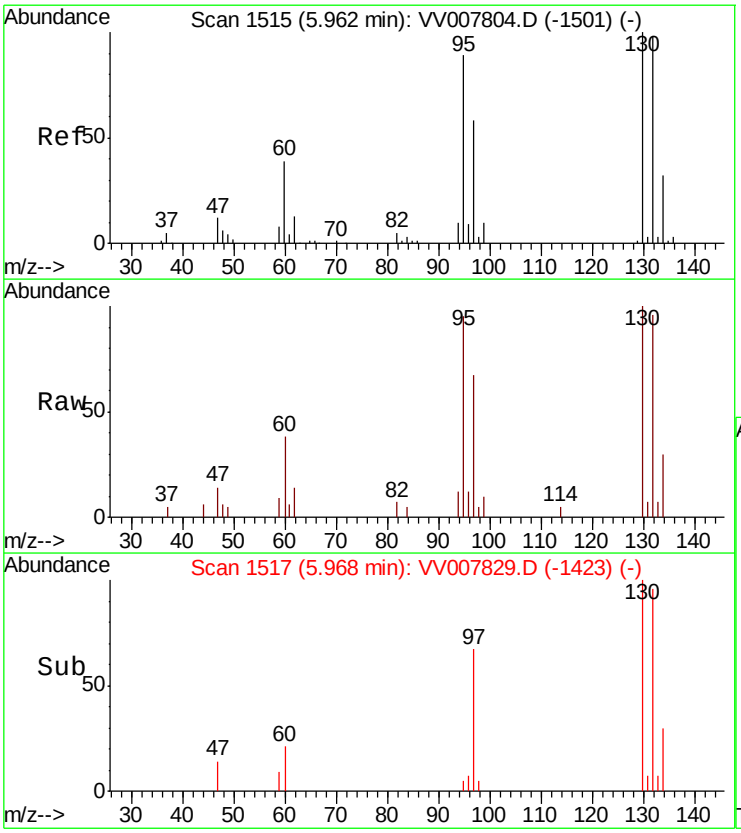



#33
Benzene
Concen: 0.411 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV007829.D
Acq: 24 Sep 2018 20:38

**Instrument :**
MSVOA_V
**ClientSampleId :**
E5FE4

Tgt Ion: 78 Resp: 1822

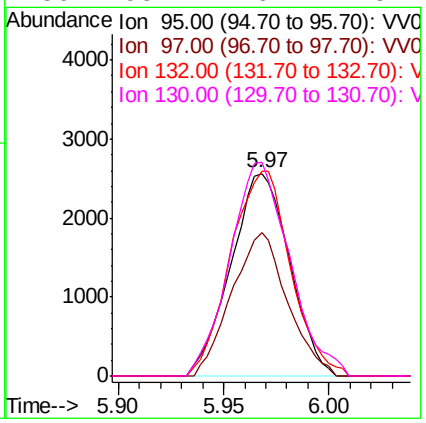


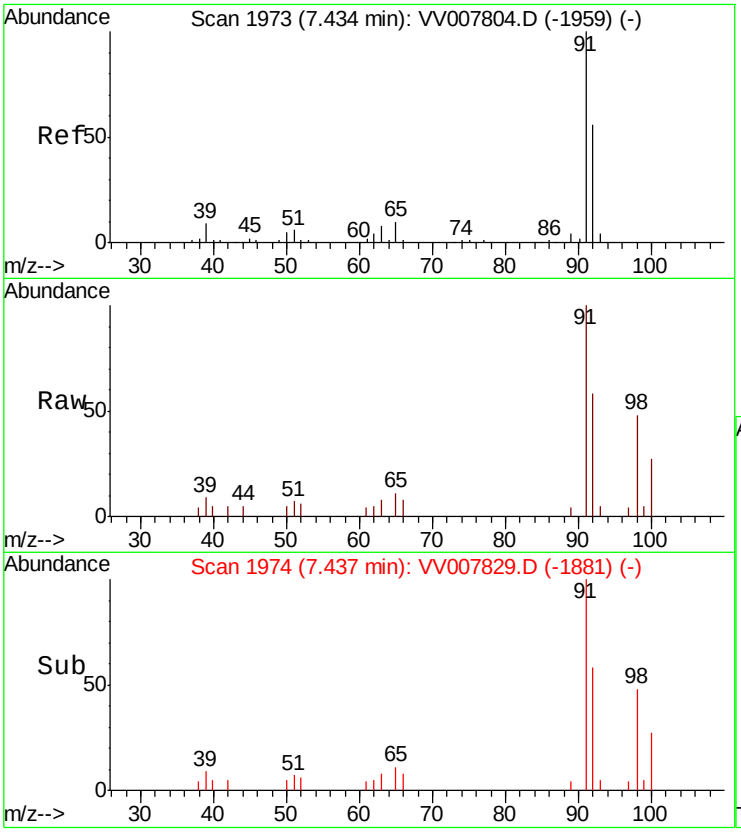




#34
Trichloroethene
Concen: 3.778 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VV007829.D
Acq: 24 Sep 2018 20:38

Tgt Ion: 95 Resp: 4953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 70.7 | 45.2 | 84.0 |
| 132 | 100.9 | 77.7 | 144.3 |
| 130 | 105.4 | 79.7 | 148.1 |



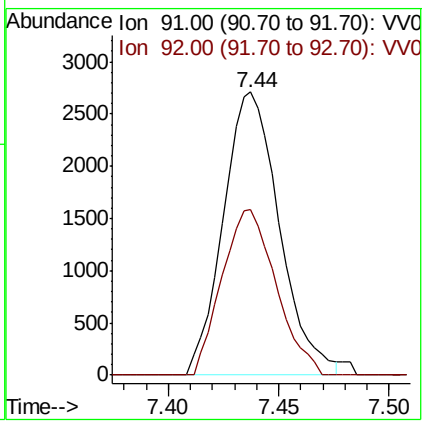


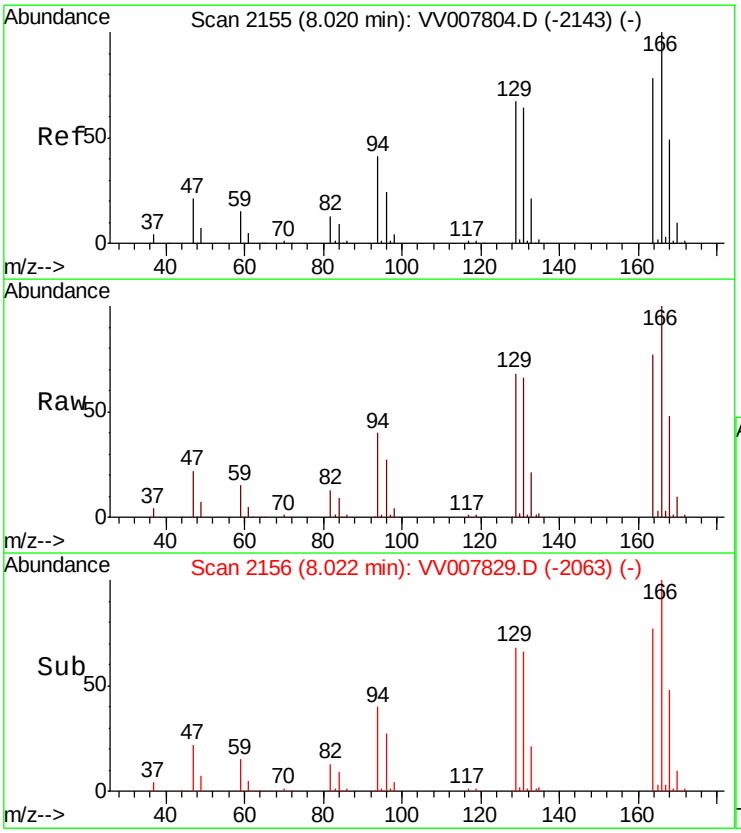

#42
Toluene
Concen: 0.910 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV007829.D
Acq: 24 Sep 2018 20:38

**Instrument :**
MSVOA_V
**ClientSampleId :**
E5FE4

Tgt Ion: 91 Resp: 4782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.3 | 39.7 | 73.7 |




#46
Tetrachloroethene
Concen: 75.514 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007829.D
Acq: 24 Sep 2018 20:38

Tgt Ion:164 Resp: 101332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 88.5 | 61.0 | 113.4 |
| 131 | 86.3 | 57.8 | 107.4 |
| 166 | 130.4 | 89.9 | 167.0 |