Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062119\
Data File : VV011654.D
Acq On : 20 Jun 2019 20:26
Operator : SY/MD
Sample : K3381-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFCN5

Quant Time: Jun 21 03:51:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 02:33:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 164519 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 155023 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 67026 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 54809 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 100.40% | | | |
| 7) Chloroethane-d5 | 1.56 | 69 | 41108 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 107.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 81234 | 3.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.20% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 175575 | 61.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 122.08% | | | |
| 24) Chloroform-d | 4.40 | 84 | 109663 | 5.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 110.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 64579 | 5.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.80% | | | |
| 32) Benzene-d6 | 5.09 | 84 | 220030 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 69207 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.00% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 193634 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 21151 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.00% | | | |
| 46) 2-Hexanone-d5 | 8.13 | 63 | 132602 | 60.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 121.44% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 52227 | 5.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 112.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 67863 | 5.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 107.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 10025 | 4.825 | ug/L | 93 |
| 14) Carbon disulfide | 2.35 | 76 | 91785 | 3.349 | ug/L | 95 |
| 42) Toluene | 7.43 | 91 | 11439 | 0.213 | ug/L | 97 |

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

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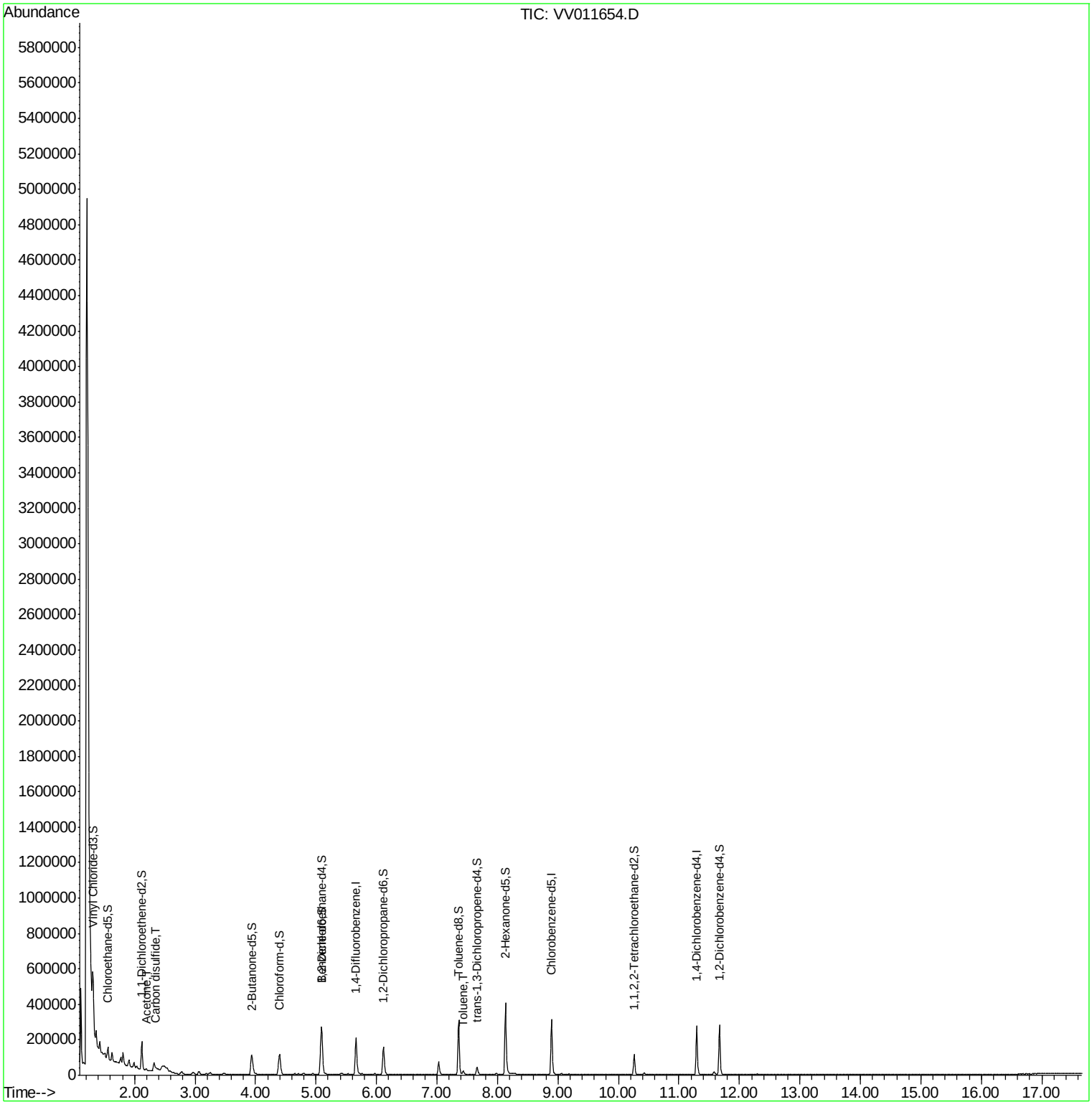
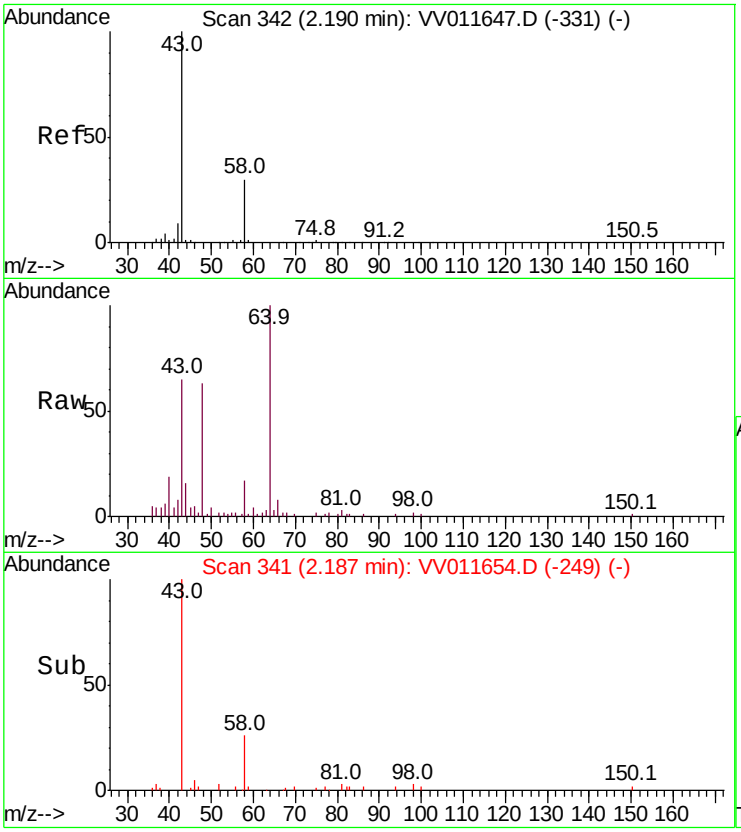


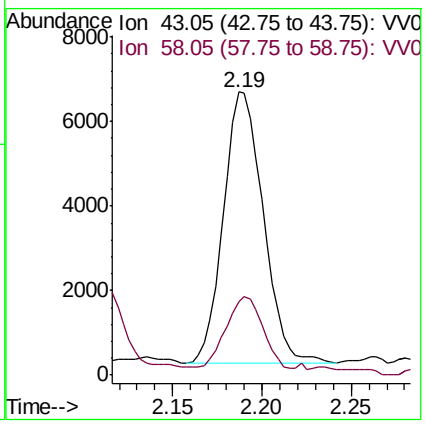


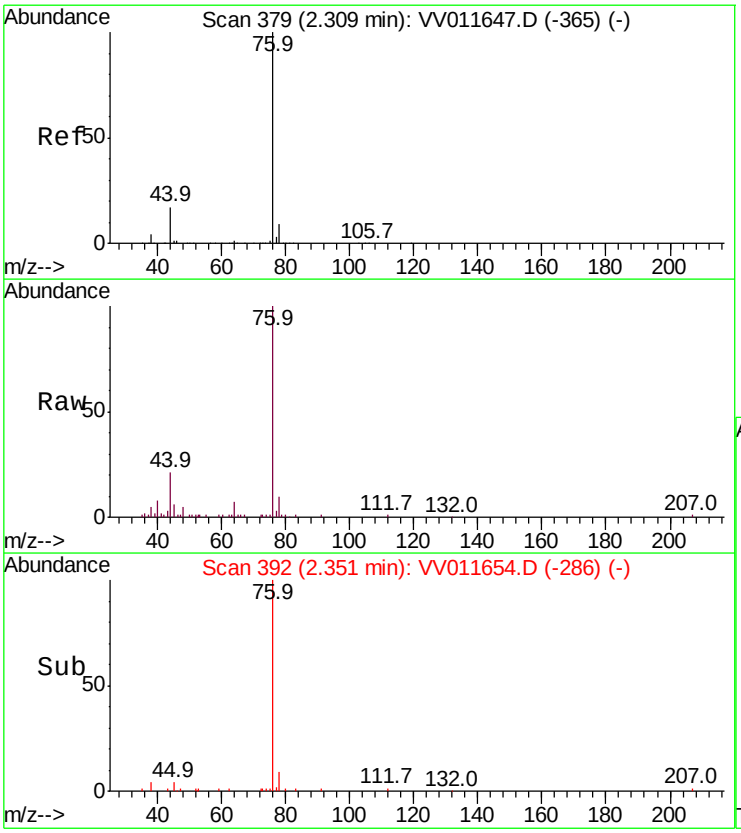

#13
Acetone
Concen: 4.825 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV011654.D
Acq: 20 Jun 2019 20:26

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFCN5

Tgt Ion: 43 Resp: 10025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.8 | 0.0 | 56.6 |

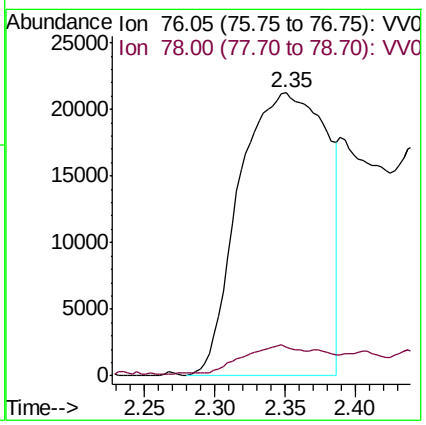


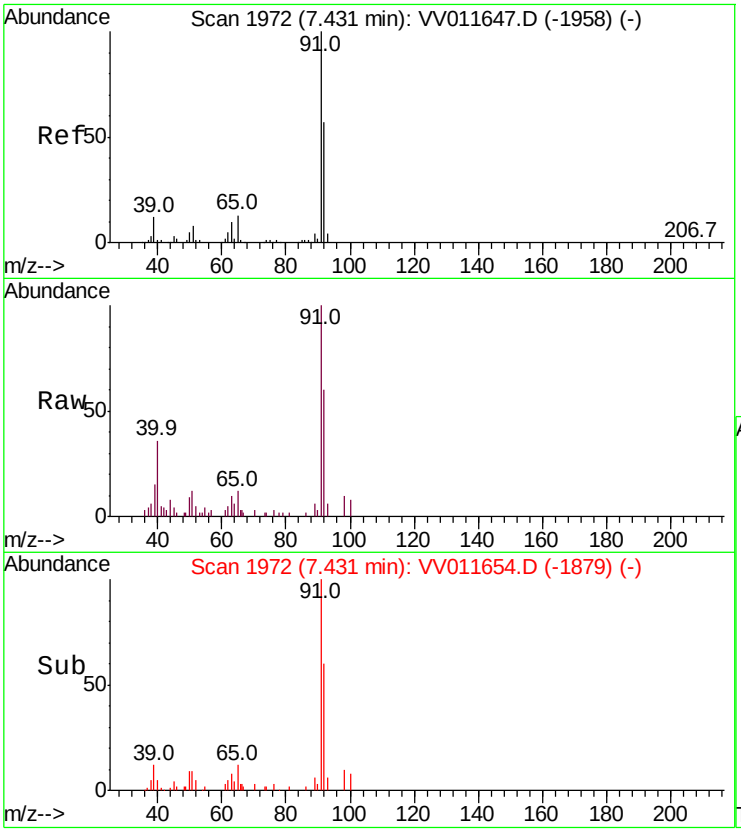




#14
Carbon disulfide
Concen: 3.349 ug/L
RT: 2.35 min Scan# 392
Delta R.T. 0.04 min
Lab File: VV011654.D
Acq: 20 Jun 2019 20:26

Tgt Ion: 76 Resp: 91785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.3 | 7.0 | 10.4 |






#42
Toluene
Concen: 0.213 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011654.D
Acq: 20 Jun 2019 20:26

Tgt Ion: 91 Resp: 11439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.0 | 40.3 | 74.9 |

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFCN5