Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101818\
Data File : VV008345.D
Acq On : 18 Oct 2018 16:00
Operator : SY/MD
Sample : J5422-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0922

Quant Time: Oct 19 09:01:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 111857 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 100056 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 41018 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 33386 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 105.60% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 21497 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 86.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 48162 | 3.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 79.40% | | | |
| 20) 2-Butanone-d5 | 3.97 | 46 | 95084 | 44.85 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 89.70% | | | |
| 24) Chloroform-d | 4.41 | 84 | 60021 | 4.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 31440 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 133363 | 4.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 45229 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.60% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 120027 | 4.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 14083 | 3.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 70.20% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 55875 | 39.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 79.44% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 24649 | 3.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 76.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 36024 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 92.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.21 | 43 | 7694 | 6.707 | ug/L | 96 |
| 34) Trichloroethene | 5.96 | 95 | 2533 | 0.271 | ug/L | 95 |
| 42) Toluene | 7.43 | 91 | 4968 | 0.141 | ug/L | 95 |

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

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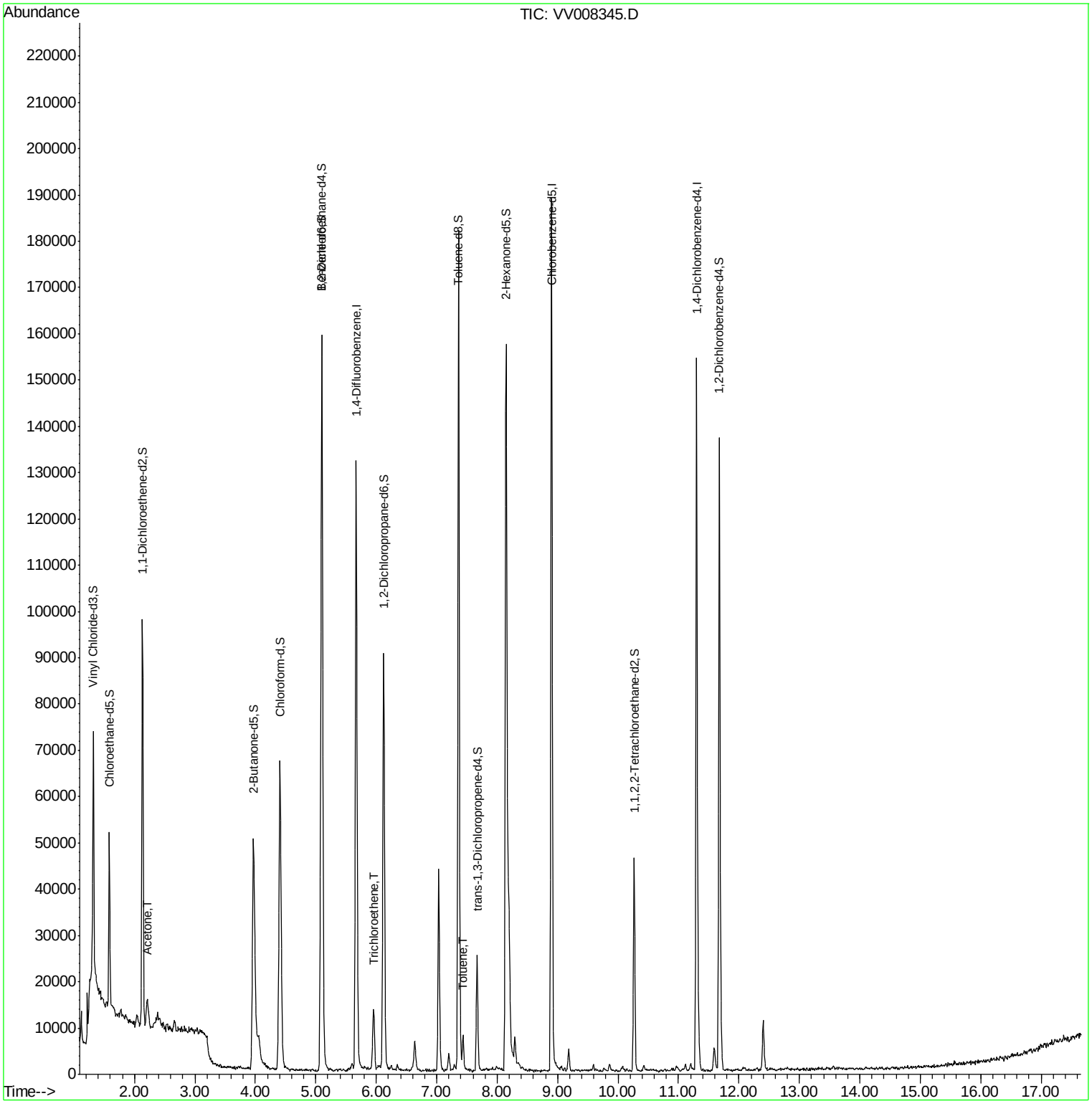
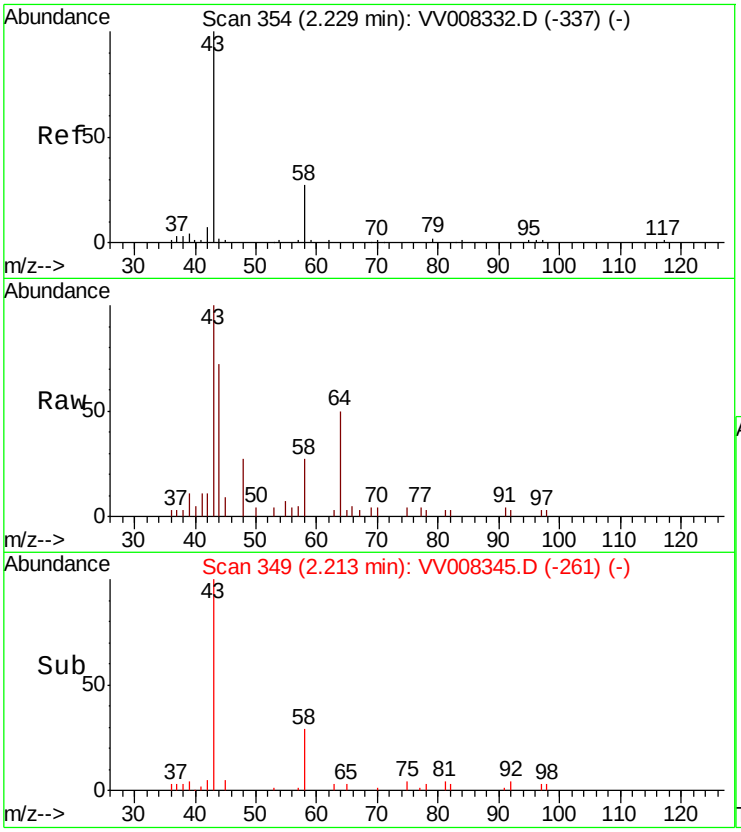


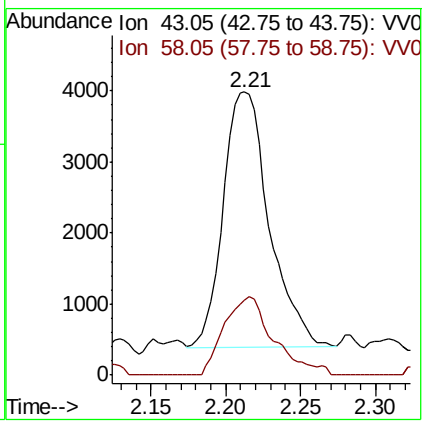


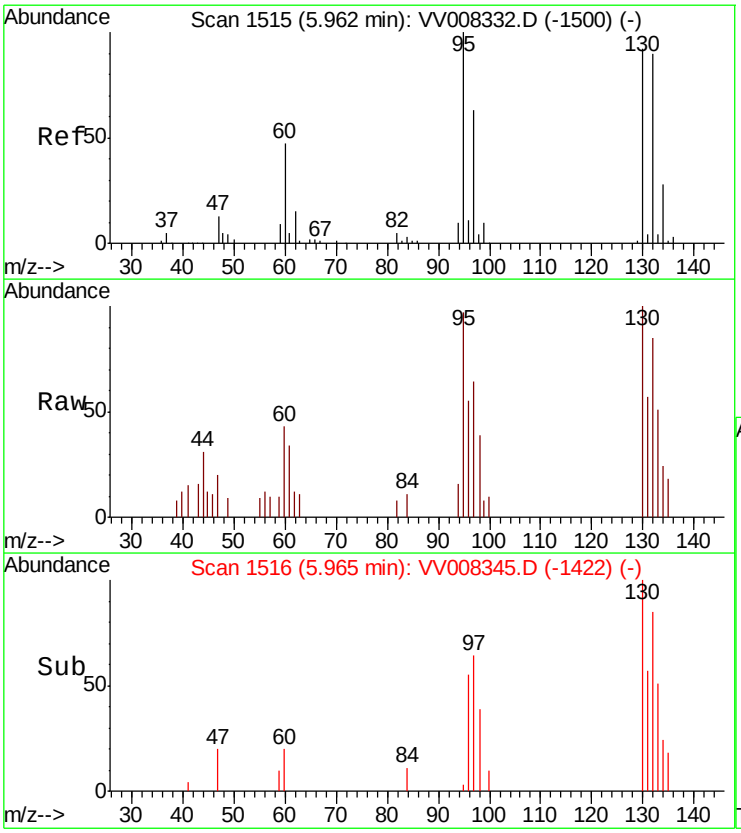

#13
Acetone
Concen: 6.707 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.02 min
Lab File: VV008345.D
Acq: 18 Oct 2018 16:00

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0922

Tgt Ion: 43 Resp: 7694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.0 | 0.0 | 62.0 |

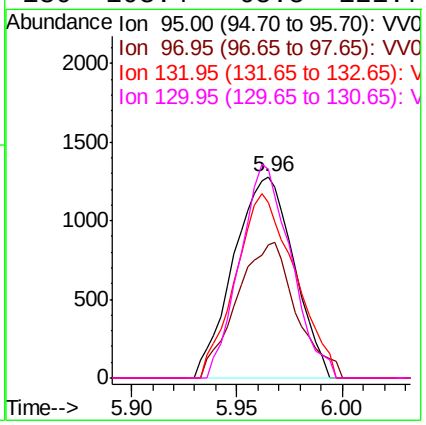


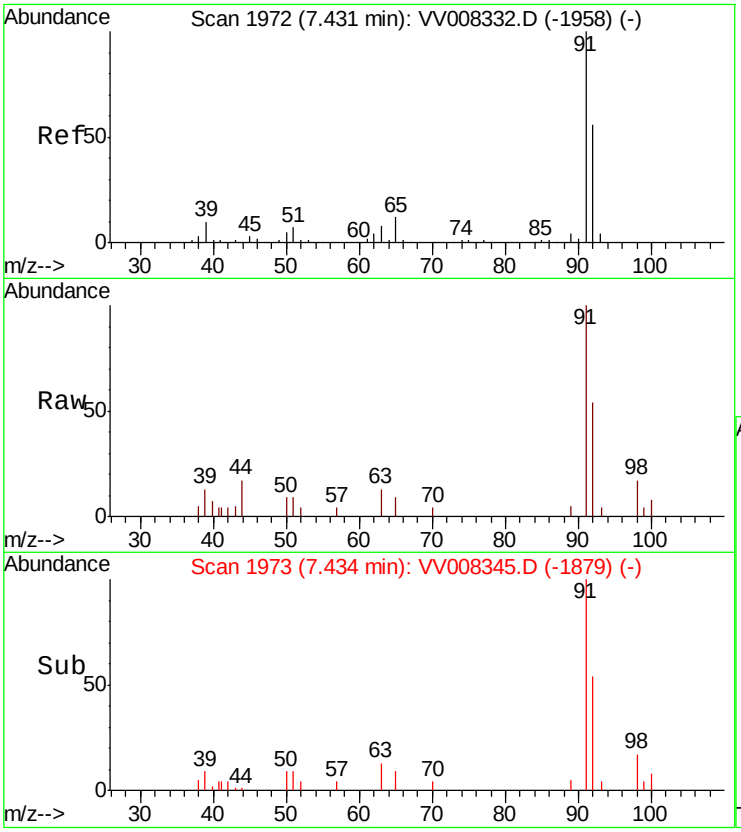




#34
Trichloroethene
Concen: 0.271 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008345.D
Acq: 18 Oct 2018 16:00

Tgt Ion: 95 Resp: 2533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 66.4 | 44.4 | 82.4 |
| 132 | 87.4 | 60.4 | 112.2 |
| 130 | 103.4 | 65.5 | 121.7 |






#42
Toluene
Concen: 0.141 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008345.D
Acq: 18 Oct 2018 16:00

Tgt Ion: 91 Resp: 4968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.5 | 40.1 | 74.5 |

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0922