Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
Data File : VW009600.D
Acq On : 30 Mar 2019 19:50
Operator : SY/VA
Sample : K2149-10
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VHBLK02

Quant Time: Mar 30 21:21:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 407522 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 403922 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 182999 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 135845 | 27.89 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 111.56% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 128106 | 22.48 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 89.92% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 199497 | 18.95 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 75.80% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 115274 | 57.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 114.48% | | | |
| 24) Chloroform-d | 7.64 | 84 | 287716 | 25.87 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 103.48% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 193404 | 28.87 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 115.48% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 533743 | 23.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 95.84% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 170393 | 25.47 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 101.88% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 482138 | 23.41 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 93.64% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 77371 | 23.03 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 92.12% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 76866 | 47.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 94.88% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 175907 | 26.70 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 106.80% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 182876 | 26.06 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 104.24% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 16) Methylene chloride | 4.92 | 84 | 6218 | 1.046 | ug/L | 82 |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 6210 | 0.672 | ug/L # | 72 |
| 45) trans-1,3-Dichloropropene | 10.58 | 75 | 4014 | 0.499 | ug/L | 89 |
| 59) 1,2,3-Trichloropropane | 13.56 | 75 | 24843 | 5.482 | ug/L | 90 |

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

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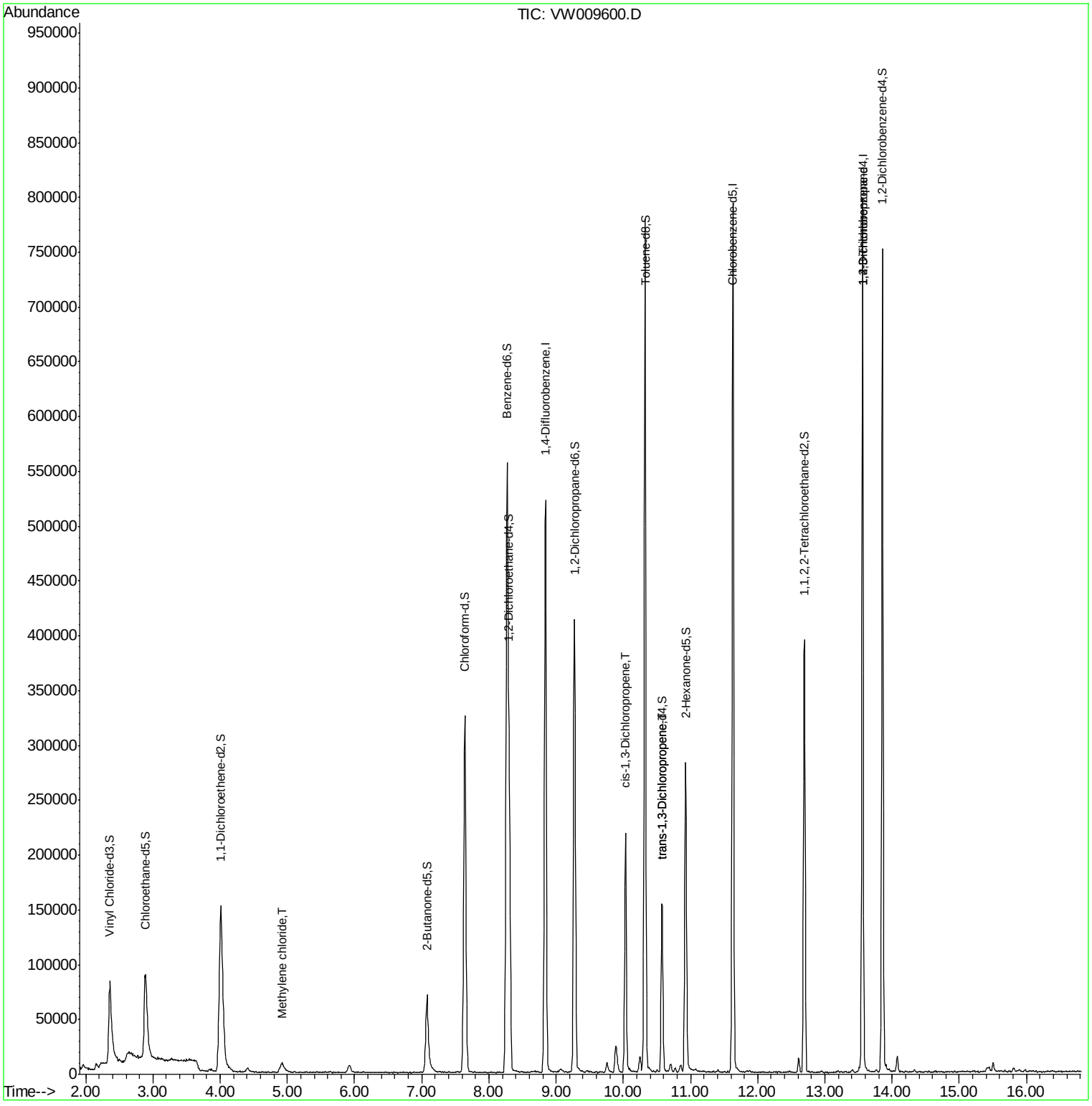
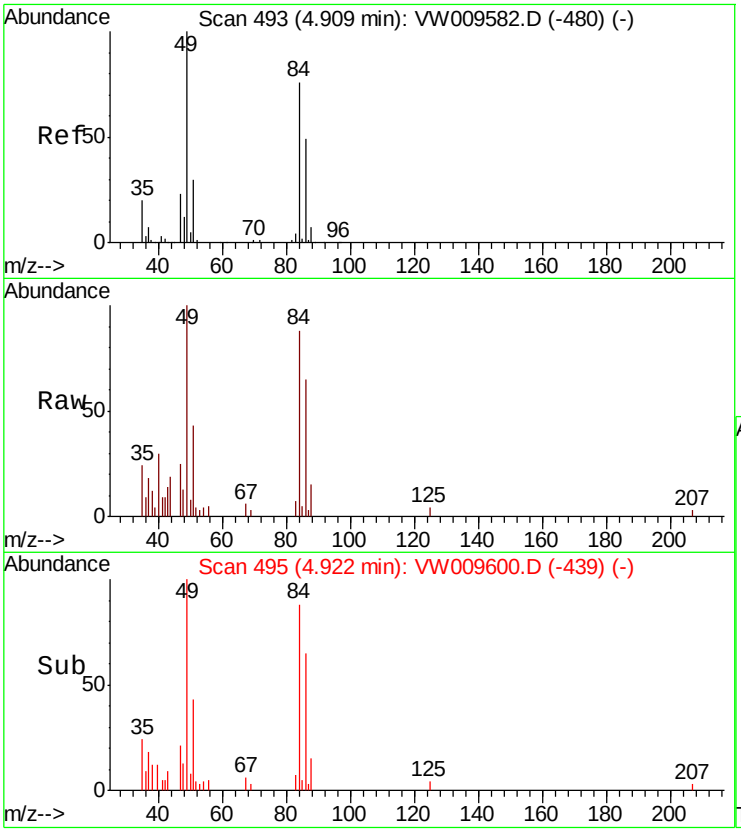
Operator : SY/VA
Sample : K2149-10
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK02

Quant Time: Mar 30 21:21:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration



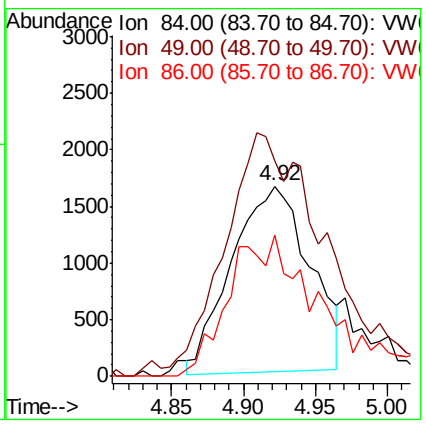


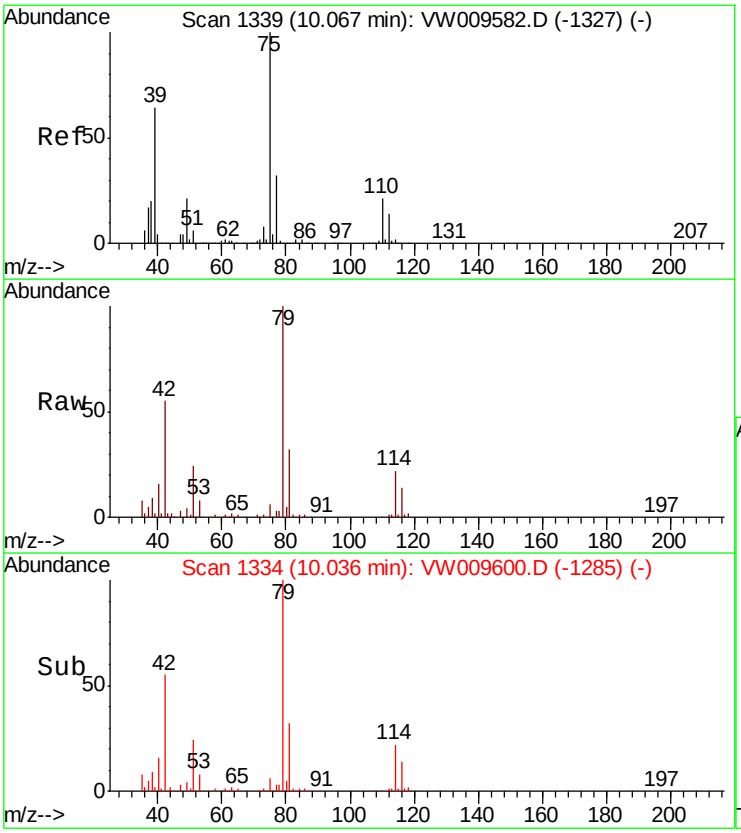

#16
Methylene chloride
Concen: 1.046 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009600.D
Acq: 30 Mar 2019 19:50

**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK02

Tgt Ion: 84 Resp: 6218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.5 | 96.0 | 178.2 |
| 86 | 74.3 | 44.4 | 82.5 |

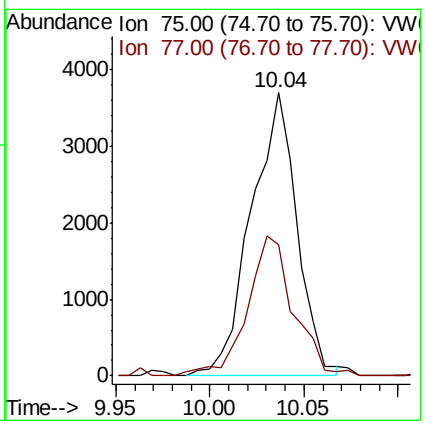


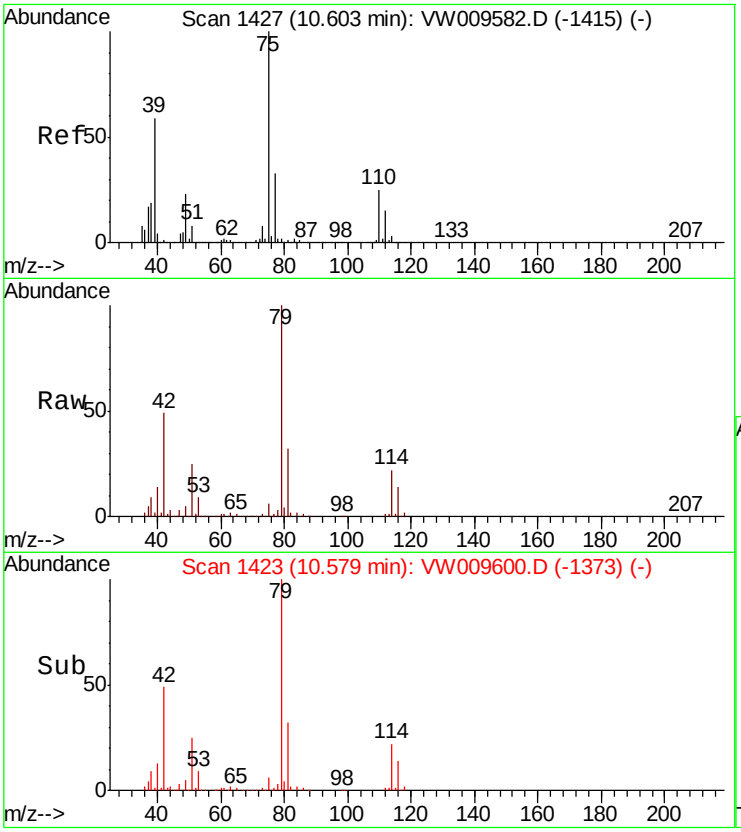




#42
cis-1,3-Dichloropropene
Concen: 0.672 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW009600.D
Acq: 30 Mar 2019 19:50

Tgt Ion: 75 Resp: 6210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.3 | 21.6 | 40.2# |



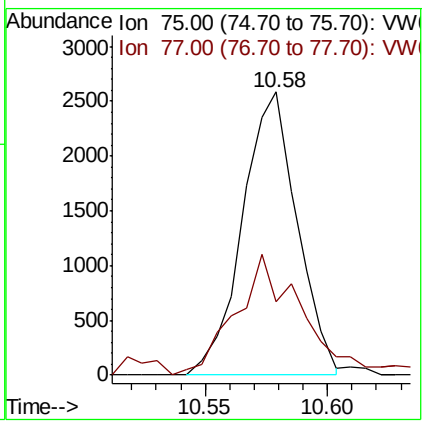


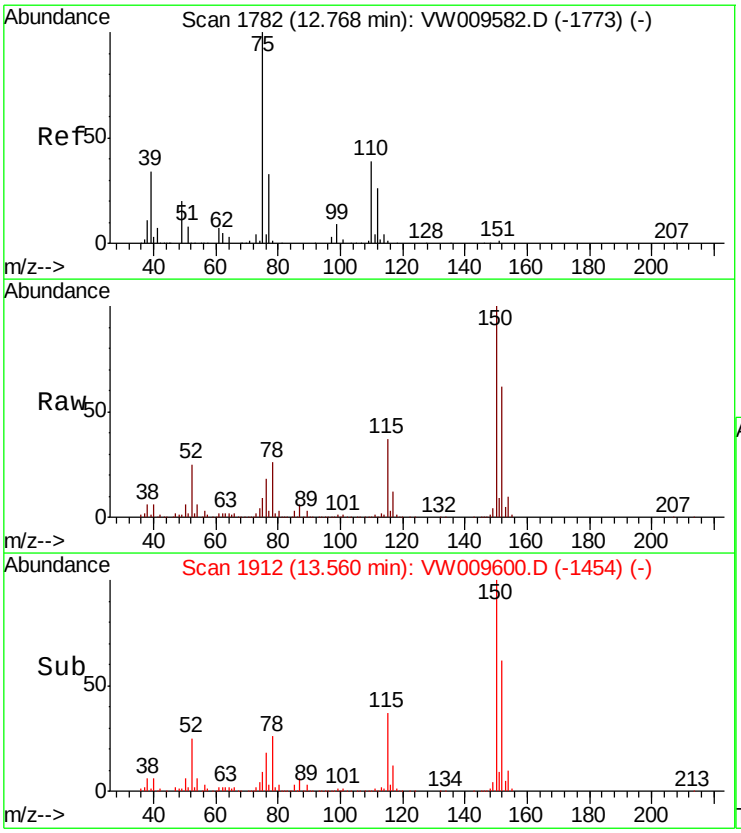

#45
trans-1,3-Dichloropropene
Concen: 0.499 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009600.D
Acq: 30 Mar 2019 19:50

**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK02

Tgt Ion: 75 Resp: 4014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 26.1 | 22.5 | 41.7 |




#59
1,2,3-Trichloropropane
Concen: 5.482 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009600.D
Acq: 30 Mar 2019 19:50

Tgt Ion: 75 Resp: 24843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.3 | 26.2 | 39.2 |