Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021120\
Data File : VV014558.D
Acq On : 11 Feb 2020 16:54
Operator : SY/MD
Sample : L1489-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFRD9

Quant Time: Feb 12 03:34:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 12 03:16:31 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 301874 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 284624 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 140356 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 56111 | 33.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 66.94% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 42658 | 40.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 81.84% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 74442 | 33.26 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 66.52% | | | |
| 21) 2-Butanone-d5 | 3.92 | 46 | 114634 | 101.62 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 101.62% | | | |
| 24) Chloroform-d | 4.40 | 84 | 177049 | 49.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 113639 | 53.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.34% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 366162 | 48.86 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.72% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 112440 | 47.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 94.84% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 344064 | 49.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.46% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 59028 | 48.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 97.96% | | | |
| 47) 2-Hexanone-d5 | 8.13 | 63 | 92696 | 99.92 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 99.92% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25 | 84 | 155751 | 50.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 101.96% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 136799 | 52.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 105.84% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 8160 | 8.478 | ug/L | 94 |
| 53) m,p-Xylene | 9.18 | 106 | 8741 | 2.372 | ug/L | 92 |
| 54) o-xylene | 9.59 | 106 | 3206 | 0.878 | ug/L | 84 |

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

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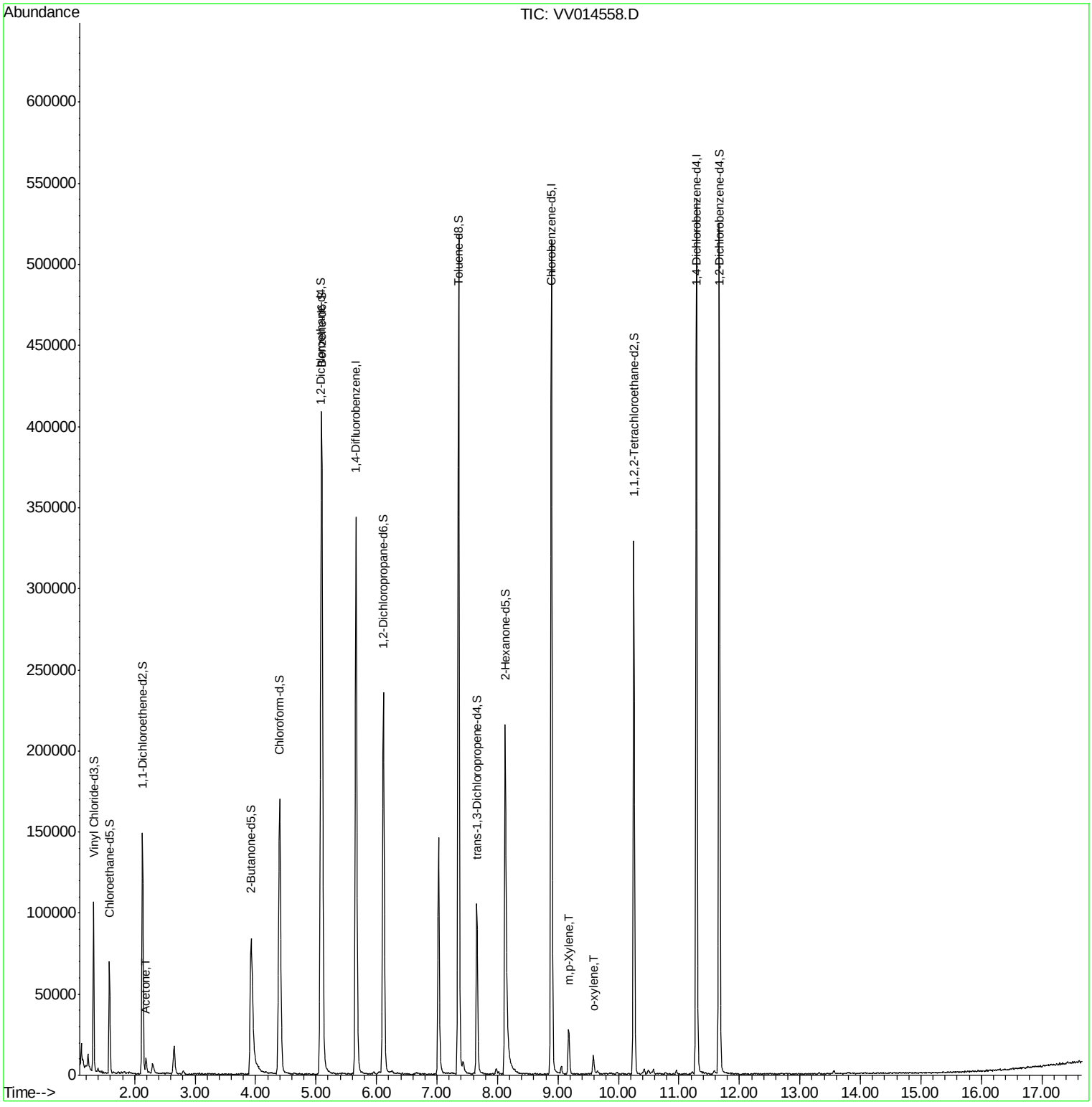
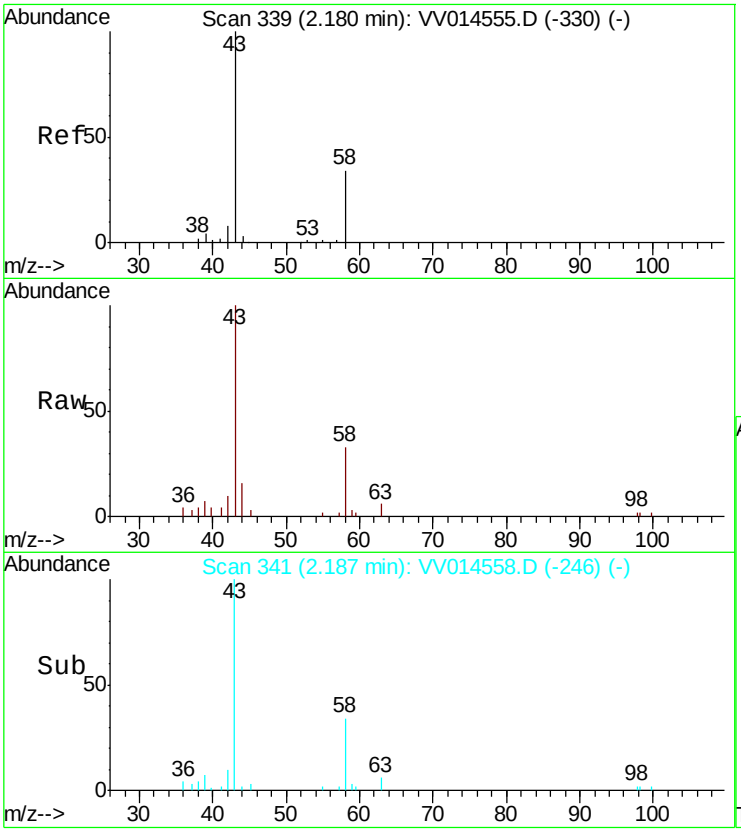
QLast Update : Wed Feb 12 03:16:31 2020
Response via : Initial Calibration



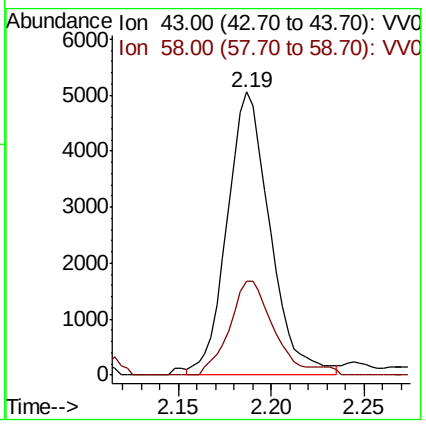


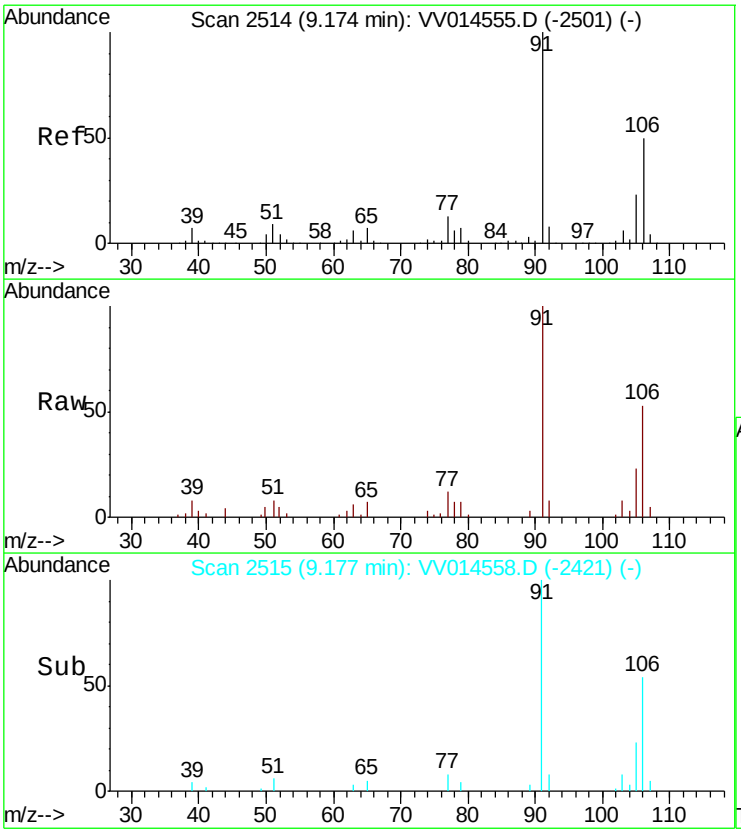

#13
Acetone
Concen: 8.478 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.01 min
Lab File: VV014558.D
Acq: 11 Feb 2020 16:54

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFRD9

Tgt Ion: 43 Resp: 8160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.8 | 0.0 | 61.2 |

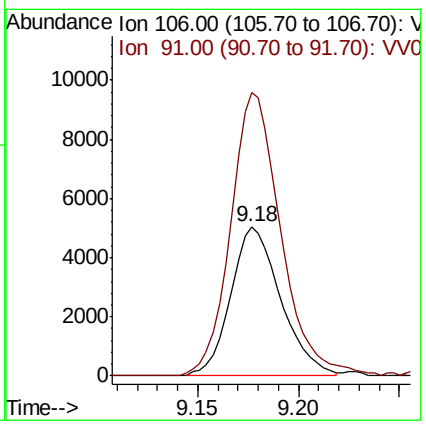


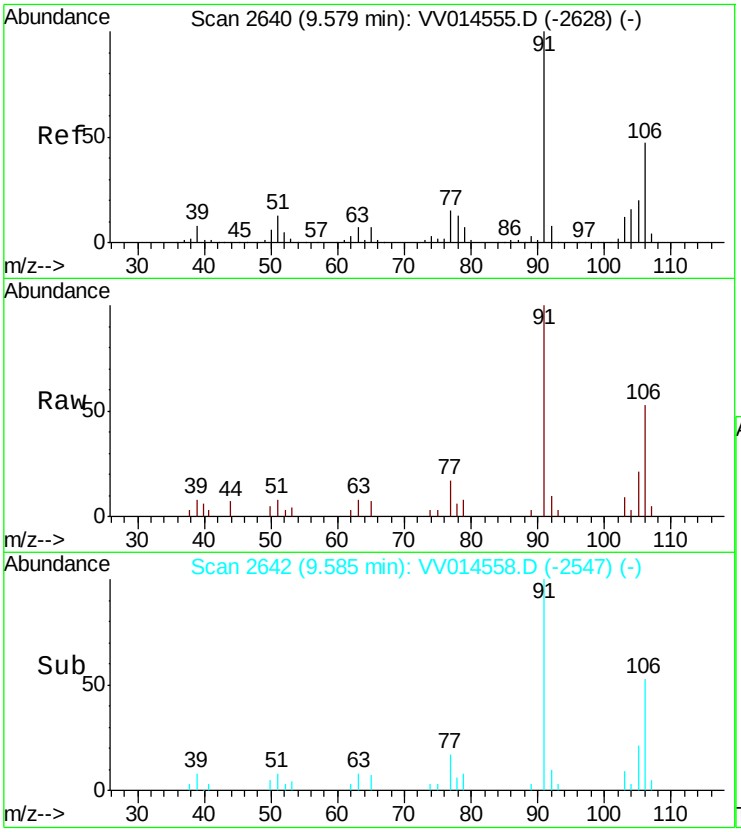




#53
m,p-Xylene
Concen: 2.372 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014558.D
Acq: 11 Feb 2020 16:54

Tgt Ion:106 Resp: 8741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 189.7 | 140.9 | 261.7 |

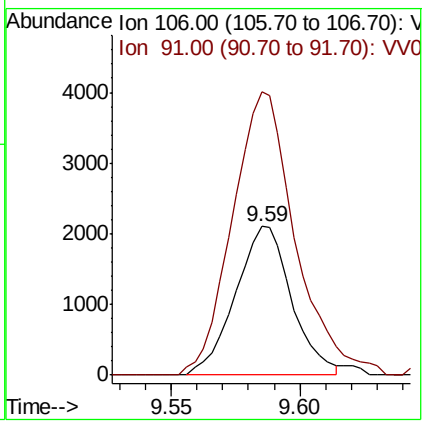





#54
o-xylene
Concen: 0.878 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV014558.D
Acq: 11 Feb 2020 16:54

Tgt Ion:106 Resp: 3206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 190.1 | 150.4 | 279.2 |




**Instrument :**
MSVOA_V
**ClientSampleId :**
BFRD9