Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031720\
Data File : VV015007.D
Acq On : 18 Mar 2020 05:12
Operator : SY/MD
Sample : L1940-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D89

Manual Integrations APPROVED
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Quant Time: Mar 18 08:50:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 324635 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 318769 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 149443 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 79286 | 36.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 73.32% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 64947 | 40.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 80.86% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 101984 | 30.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 61.46% | | | |
| 21) 2-Butanone-d5 | 3.94 | 46 | 98103m | 74.39 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 74.39% | | | |
| 24) Chloroform-d | 4.38 | 84 | 189535 | 42.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 84.12% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 126397 | 44.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.54% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 397538 | 45.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.54% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 114306 | 43.71 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 87.42% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 376053 | 43.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 86.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 48637 | 34.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 69.96% | | | |
| 47) 2-Hexanone-d5 | 8.12 | 63 | 100057 | 84.77 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 84.77% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 167821 | 43.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 87.68% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 158031 | 48.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.54% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 25) Chloroform | 4.41 | 83 | 7363 | 1.732 | ug/L | 98 |
| 68) 1,2,4-trichlorobenzene | 13.29 | 180 | 2213 | 0.643 | ug/L | 97 |

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

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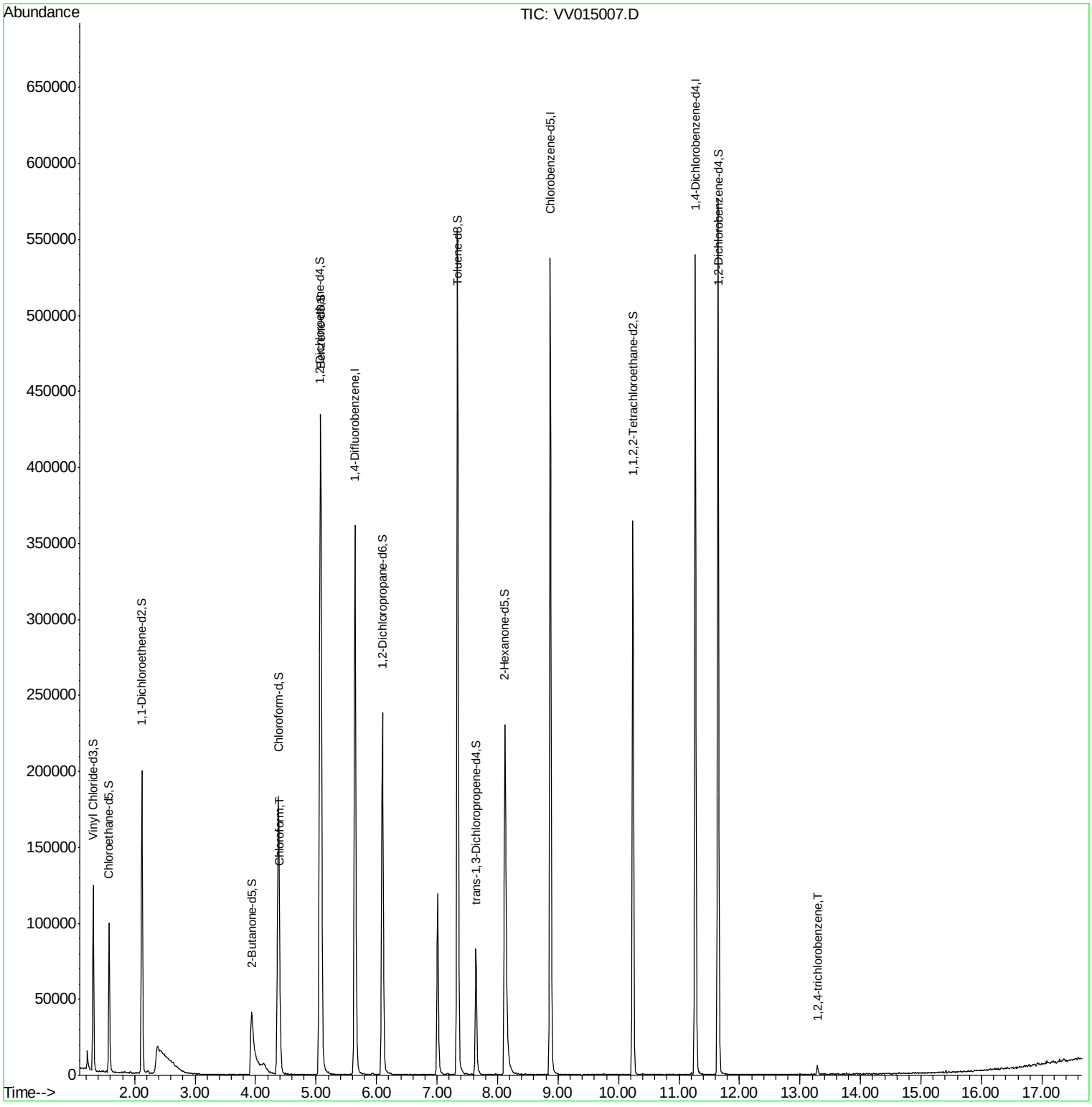
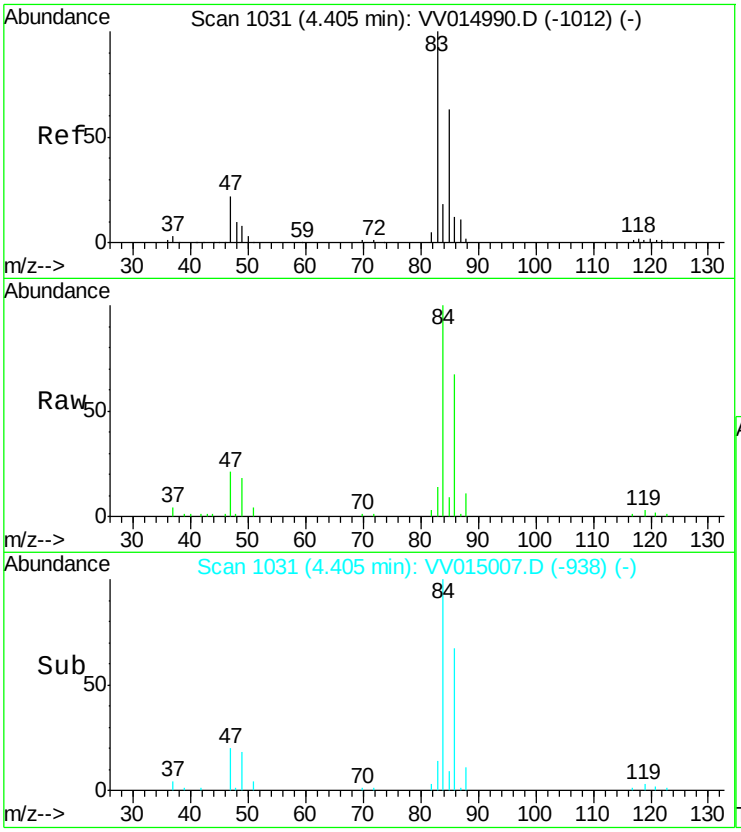
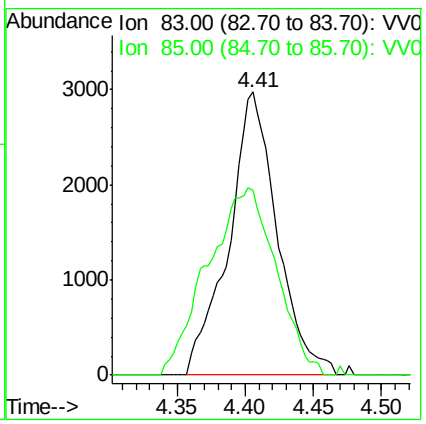





#25
Chloroform
Concen: 1.732 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015007.D
Acq: 18 Mar 2020 05:12

Tgt Ion: 83 Resp: 7363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 44.6 | 82.8 |

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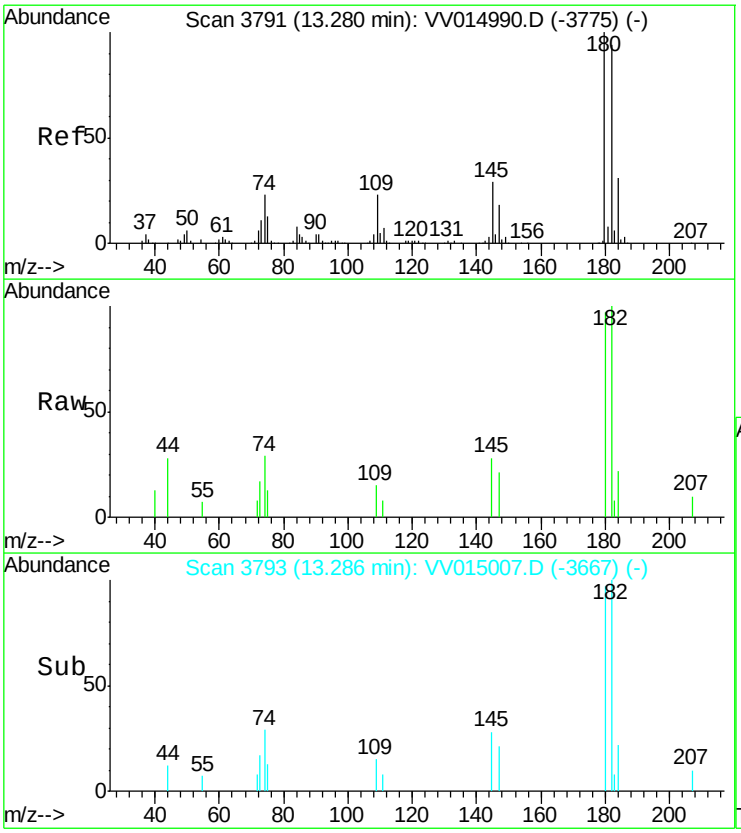


#68
1,2,4-trichlorobenzene
Concen: 0.643 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.01 min
Lab File: VV015007.D
Acq: 18 Mar 2020 05:12

Tgt Ion:180 Resp: 2213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 76.3 | 114.5 |
| 145 | 32.5 | 23.1 | 34.7 |