Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021884.D
Acq On : 19 Aug 2021 12:24
Operator : SY/MD
Sample : M3464-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DBKF6

Quant Time: Aug 20 02:16:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 20 02:14:47 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 458067 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 412855 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.252 | 152 | 193485 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 134921 | 37.677 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 75.360% | | | |
| 7) Chloroethane-d5 | 1.558 | 69 | 109194 | 40.407 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 80.820% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.104 | 63 | 156009 | 27.369 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 54.740%# | | | |
| 21) 2-Butanone-d5 | 3.876 | 46 | 205312 | 92.185 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 92.190% | | | |
| 24) Chloroform-d | 4.349 | 84 | 251821 | 40.589 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 81.180% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 155454 | 43.560 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.120% | | | |
| 32) Benzene-d6 | 5.050 | 84 | 535573 | 45.112 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.220% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 168655 | 45.618 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 91.240% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 483125 | 44.027 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 88.060% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 73160 | 40.208 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 80.420% | | | |
| 47) 2-Hexanone-d5 | 8.088 | 63 | 116945 | 96.510 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 96.510% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 214098 | 46.730 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 93.460% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.628 | 152 | 181580 | 45.347 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 90.700% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 18) Methyl tert-butyl Ether | 2.770 | 73 | 15811 | 1.618 | ug/L | 99 |

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

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**ClientSampleId :**
DBKF6

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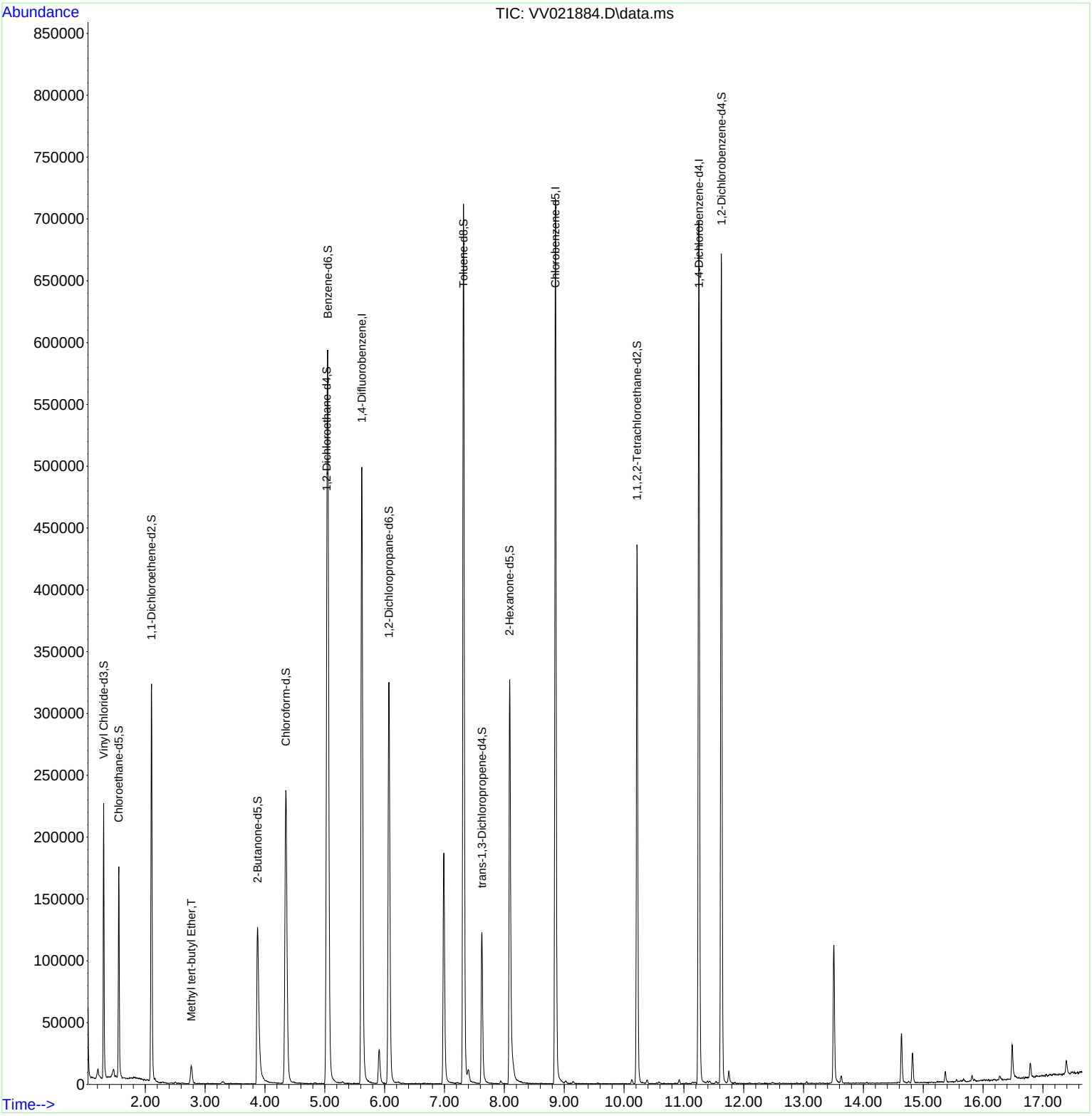
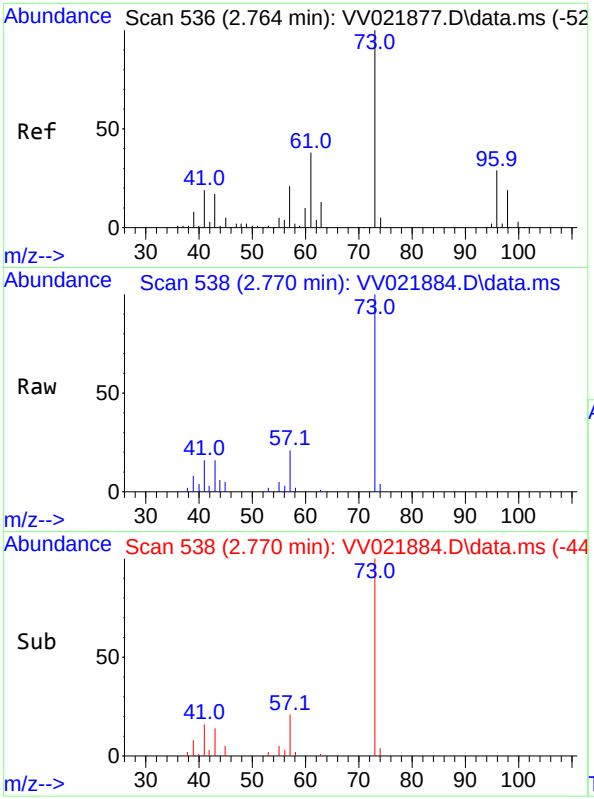
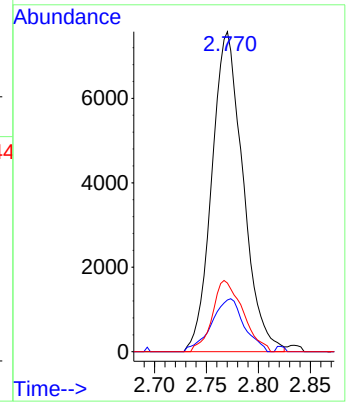





#18
Methyl tert-butyl Ether
Concen: 1.618 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV021884.D
Acq: 19 Aug 2021 12:24

Tgt Ion: 73 Resp: 15811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 17.2 | 14.2 | 21.4 |
| 57 | 21.8 | 17.7 | 26.5 |

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