Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
Data File : VU050987.D
Acq On : 29 Sep 2022 18:30
Operator : JC/MD
Sample : N4854-02DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
F5J04DL

Quant Time: Sep 30 01:50:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 30 01:30:03 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 347779 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 378407 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 135392 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.598 | 65 | 147914 | 41.967 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 83.940% | | | |
| 7) Chloroethane-d5 | 1.906 | 69 | 146855 | 44.854 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 89.700% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 63 | 173541 | 33.333 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 66.660% | | | |
| 21) 2-Butanone-d5 | 4.620 | 46 | 210146 | 91.928 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 91.930% | | | |
| 24) Chloroform-d | 5.060 | 84 | 245575 | 43.247 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.500% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 159252 | 45.309 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.620% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 505465 | 45.615 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.220% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.691 | 67 | 172279 | 47.912 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.820% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 433152 | 42.308 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 84.620% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 70677 | 41.210 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 82.420% | | | |
| 47) 2-Hexanone-d5 | 8.633 | 63 | 121326 | 83.563 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 83.560% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84 | 257344 | 40.951 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 81.900% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.192 | 152 | 152621 | 52.767 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 105.540% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 3.044 | 84 | 7280 | 2.045 | ug/L | 91 |
| 46) Tetrachloroethene | 8.552 | 164 | 73043 | 32.257 | ug/L | 99 |

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

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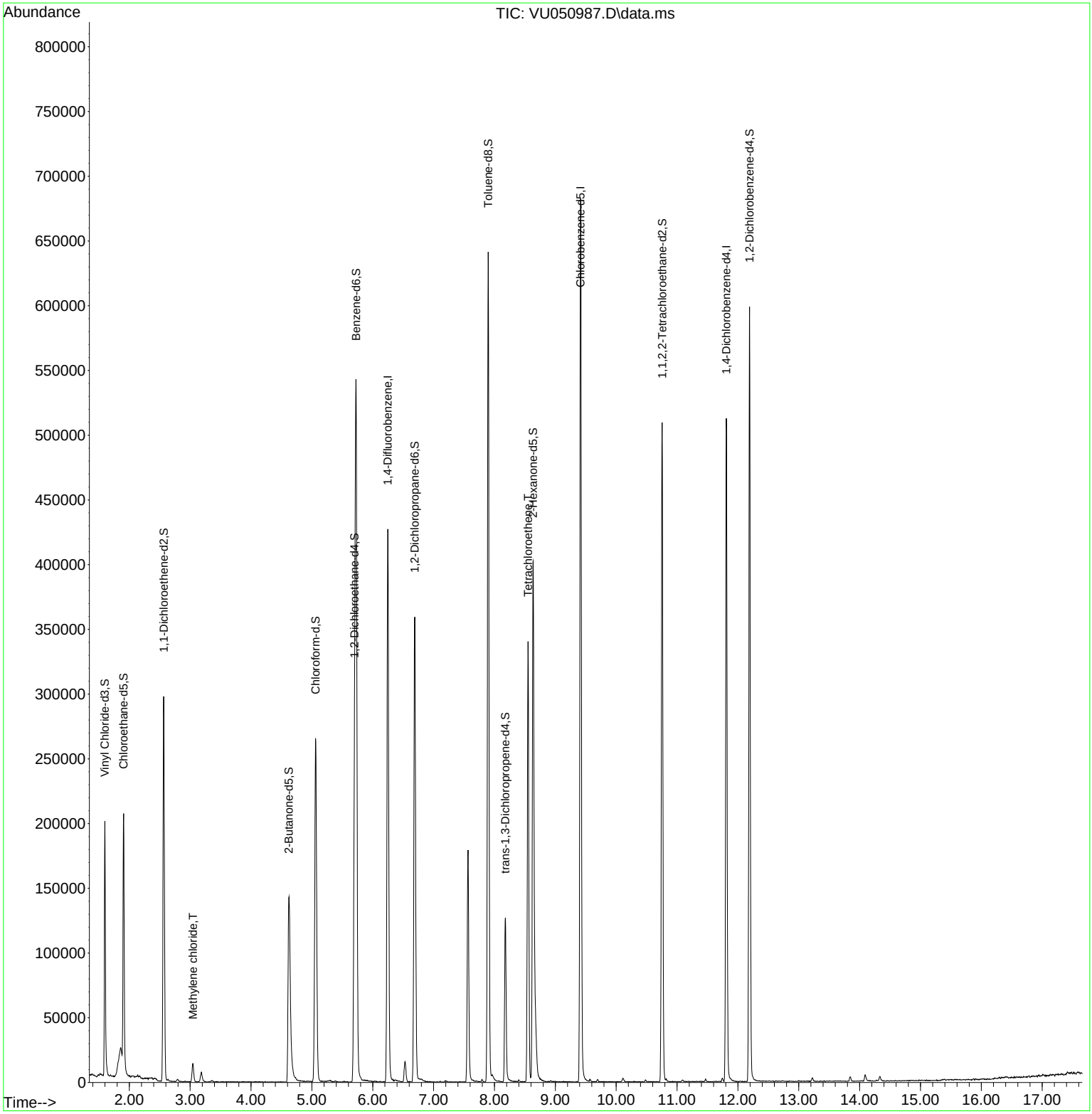
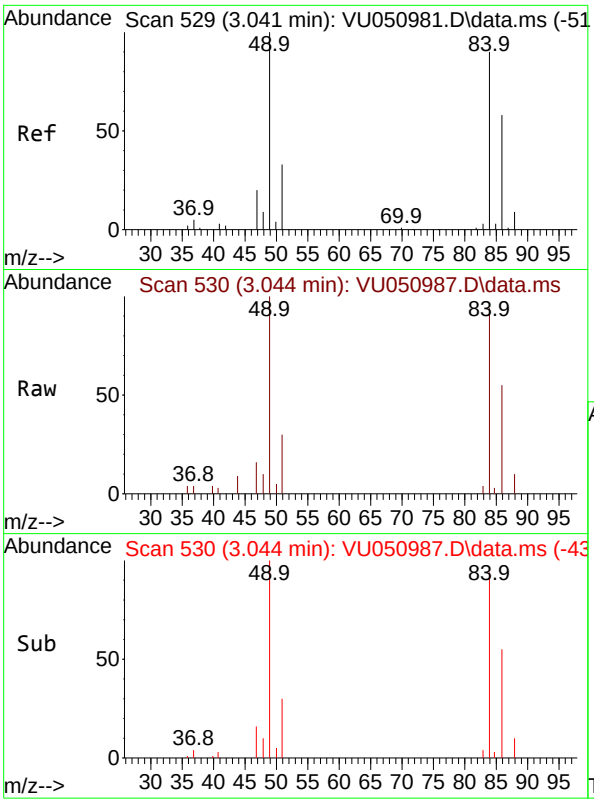


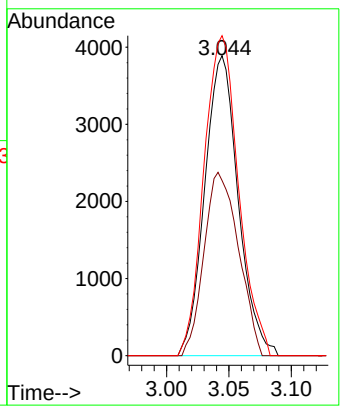


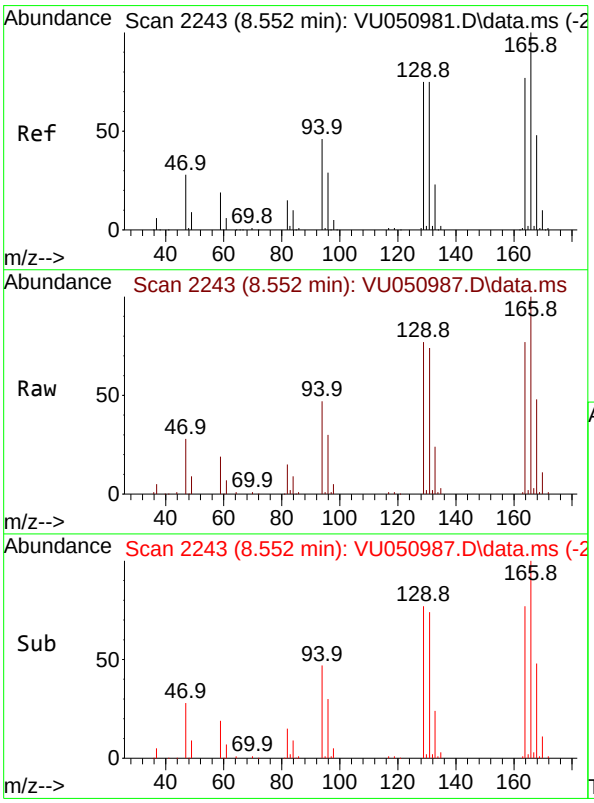

#16
Methylene chloride
Concen: 2.045 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.004 min
Lab File: VU050987.D
Acq: 29 Sep 2022 18:30

**Instrument :**
MSVOA_U
**ClientSampleId :**
F5J04DL

Tgt Ion: 84 Resp: 7280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 56.7 | 45.4 | 84.4 |
| 49 | 103.5 | 78.3 | 145.3 |




#46
Tetrachloroethene
Concen: 32.257 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050987.D
Acq: 29 Sep 2022 18:30

Tgt Ion:164 Resp: 73043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 99.8 | 68.1 | 126.5 |
| 131 | 95.8 | 67.8 | 126.0 |
| 166 | 129.4 | 90.5 | 168.1 |