Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
Data File : VV036325.D
Acq On : 27 Jun 2024 23:06
Operator : SY/MD
Sample : P3035-24
Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Jun 28 05:07:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 04:20:38 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.529 | 114 | 410156 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 320049 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.185 | 152 | 83288 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.272 | 65 | 169347 | 24.311 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 97.240% | | | |
| 7) Chloroethane-d5 | 1.526 | 69 | 155804 | 28.003 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 112.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.050 | 65 | 77473 | 23.659 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 94.640% | | | |
| 21) 2-Butanone-d5 | 3.857 | 46 | 7738 | 4.786 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 9.580%# | | | |
| 24) Chloroform-d | 4.243 | 84 | 337001 | 27.836 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 111.360% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.937 | 65 | 180556 | 27.965 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 111.880% | | | |
| 32) Benzene-d6 | 4.953 | 84 | 663541 | 36.727 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 146.920%# | | | |
| 36) 1,2-Dichloropropane-d6 | 5.982 | 67 | 207836 | 38.245 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 152.960%# | | | |
| 41) Toluene-d8 | 7.240 | 98 | 545674 | 33.498 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 134.000%# | | | |
| 43) trans-1,3-Dichloroprop... | 7.555 | 79 | 61194 | 25.217 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 100.880% | | | |
| 47) 2-Hexanone-d5 | 8.034 | 63 | 18702 | 21.560 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 43.120% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84 | 120644 | 27.083 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 108.320% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.558 | 152 | 104723 | 34.504 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 138.000%# | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 2.442 | 84 | 53101 | 6.576 | ug/L | 96 |
| 25) Chloroform | 4.275 | 83 | 10253 | 0.843 | ug/L | 99 |
| 48) 2-Hexanone | 8.037 | 43 | 2082 | 0.969 | ug/L # | 78 |
| 63) 1,2,4-Trimethylbenzene | 10.873 | 105 | 10986 | 1.403 | ug/L # | 31 |

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

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**Instrument :**
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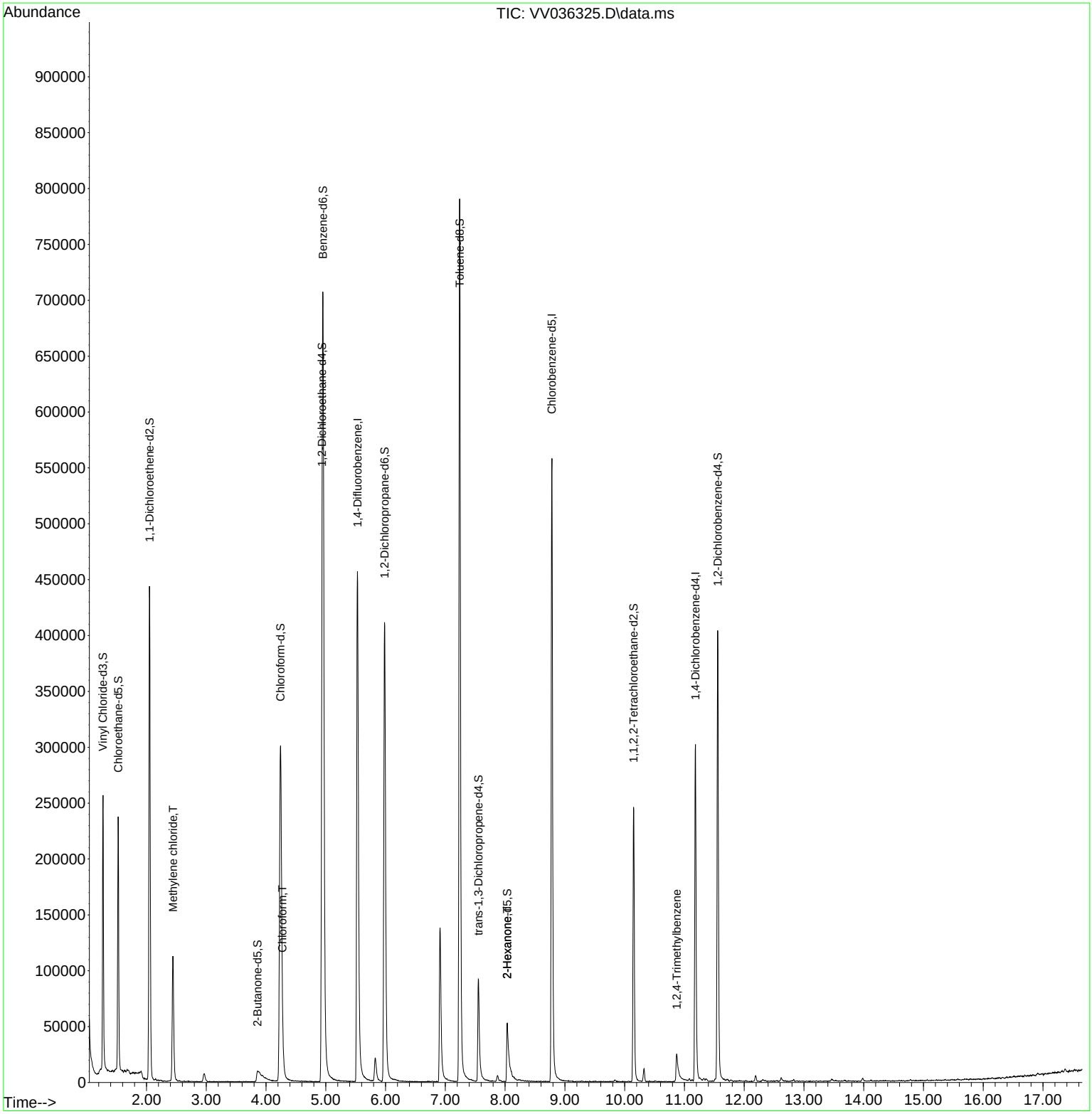
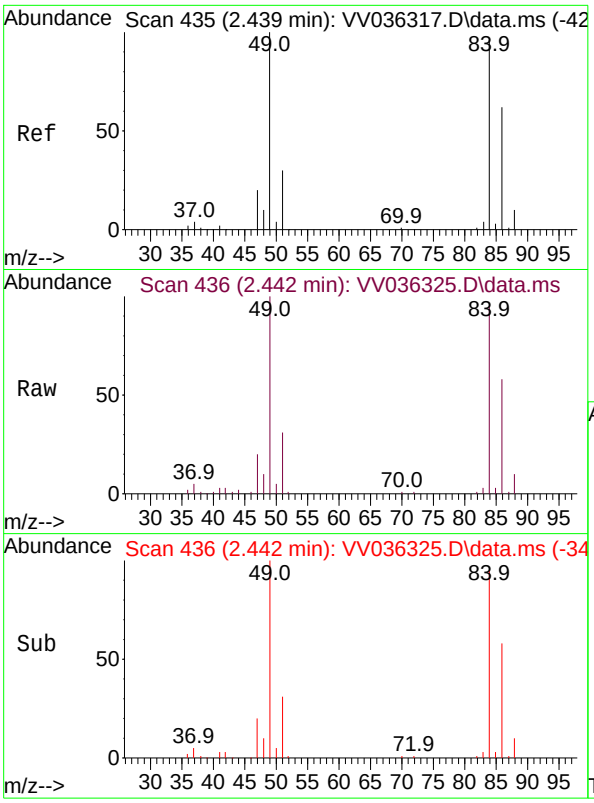
**ClientSampleId :**

Quant Time: Jun 28 05:07:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 04:20:38 2024
Response via : Initial Calibration



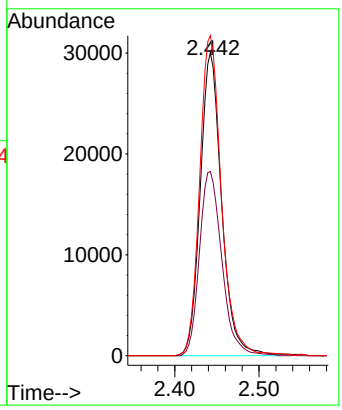


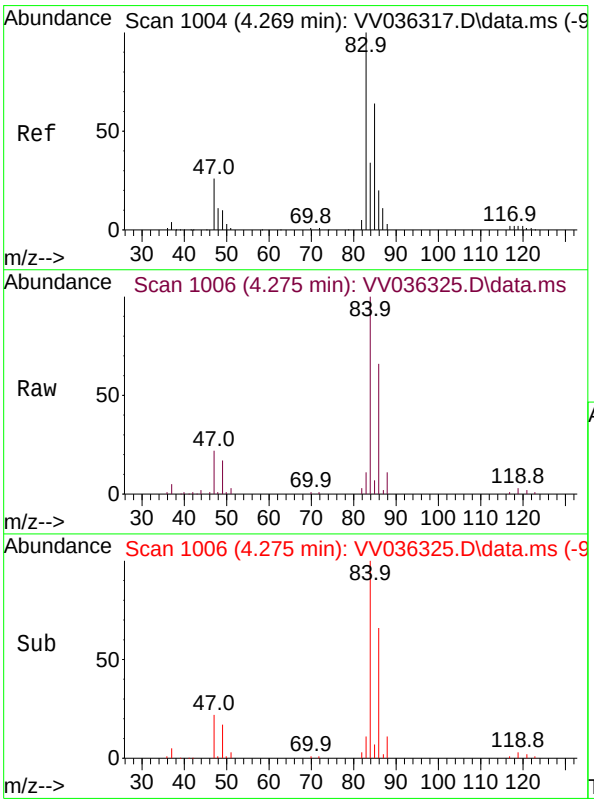

#16
Methylene chloride
Concen: 6.576 ug/L
RT: 2.442 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV036325.D
Acq: 27 Jun 2024 23:06

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

Tgt Ion: 84 Resp: 53101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 60.8 | 45.6 | 84.8 |
| 49 | 105.6 | 75.7 | 140.5 |

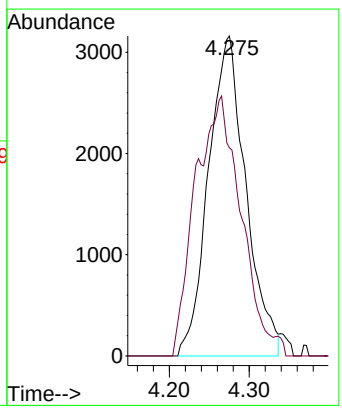


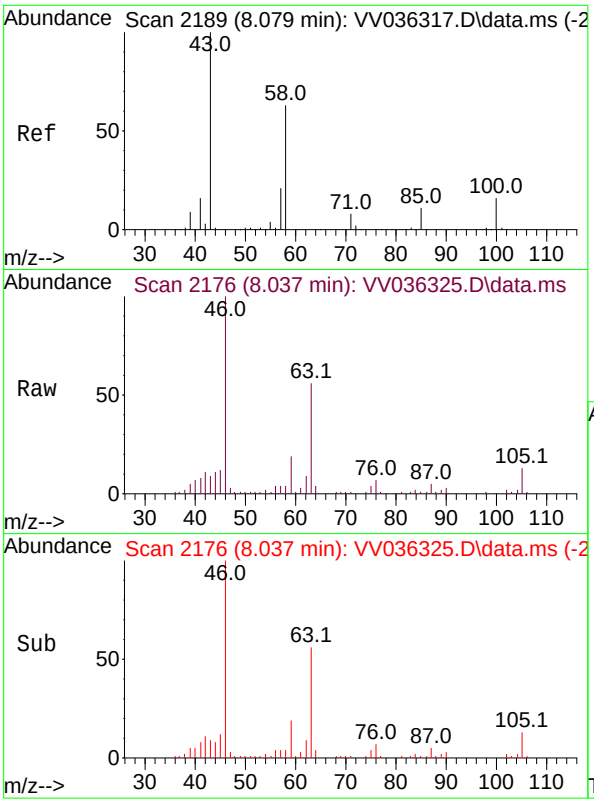




#25
Chloroform
Concen: 0.843 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.007 min
Lab File: VV036325.D
Acq: 27 Jun 2024 23:06

Tgt Ion: 83 Resp: 10253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 45.0 | 83.6 |



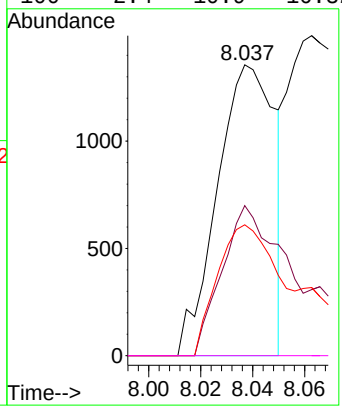


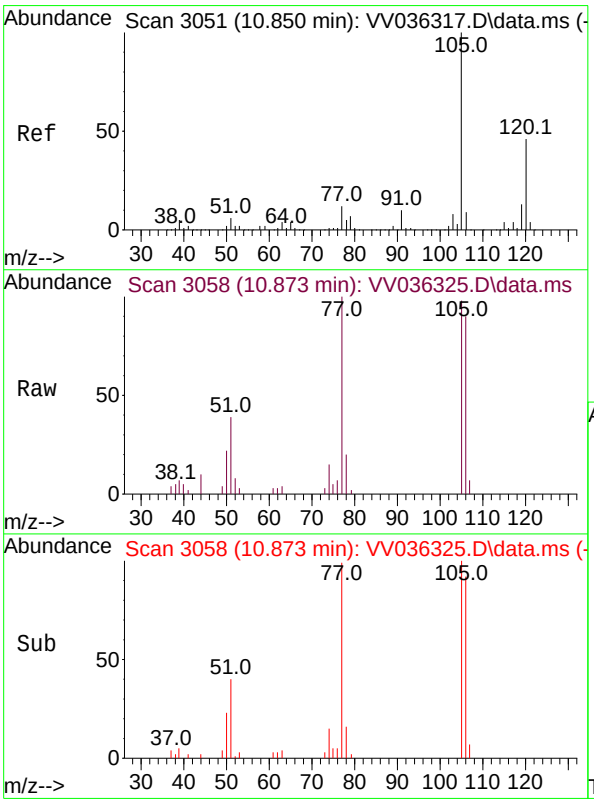

#48
2-Hexanone
Concen: 0.969 ug/L
RT: 8.037 min Scan# 2
Delta R.T. -0.042 min
Lab File: VV036325.D
Acq: 27 Jun 2024 23:06

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

Tgt Ion: 43 Resp: 2082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.8 | 48.5 | 72.7 |
| 57 | 47.6 | 15.8 | 23.6# |
| 100 | 2.4 | 10.9 | 16.3# |




#63
1,2,4-Trimethylbenzene
Concen: 1.403 ug/L
RT: 10.873 min Scan# 3058
Delta R.T. 0.023 min
Lab File: VV036325.D
Acq: 27 Jun 2024 23:06

Tgt Ion:105 Resp: 10986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 36.2 | 54.4# |