Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082824\
Data File : VV037123.D
Acq On : 28 Aug 2024 10:37
Operator : SY/MD
Sample : P3693-21
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 29 04:44:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 29 04:43:38 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.529 | 114 | 630417 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.780 | 117 | 598914 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.181 | 152 | 286141 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 149203 | 25.873 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 51.740%# | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 144322 | 32.381 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 64.760%# | | |
| 11) 1,1-Dichloroethene-d2 | 2.060 | 65 | 75819 | 31.281 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 62.560% | | |
| 21) 2-Butanone-d5 | 3.796 | 46 | 193276 | 86.547 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 86.550% | | |
| 24) Chloroform-d | 4.243 | 84 | 358081 | 39.674 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 79.340% | | |
| 26) 1,2-Dichloroethane-d4 | 4.937 | 65 | 231073 | 40.655 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 81.300% | | |
| 32) Benzene-d6 | 4.953 | 84 | 690535 | 38.173 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 76.340% | | |
| 36) 1,2-Dichloropropane-d6 | 5.986 | 67 | 234316 | 41.356 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 82.720% | | |
| 41) Toluene-d8 | 7.239 | 98 | 605228 | 37.072 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 74.140%# | | |
| 43) trans-1,3-Dichloroprop... | 7.551 | 79 | 94351 | 35.994 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 71.980% | | |
| 47) 2-Hexanone-d5 | 8.024 | 63 | 123430 | 79.822 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 79.820% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84 | 295045 | 42.937 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 85.880% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.554 | 152 | 236732 | 41.308 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 82.620% | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.282 | 62 | 24017 | 4.270 | ug/L | 84 |
| 35) Methylcyclohexane | 5.986 | 83 | 55485 | 7.486 | ug/L # | 19 |
| 39) cis-1,3-Dichloropropene | 6.908 | 75 | 6240 | 0.853 | ug/L # | 51 |
| 48) 2-Hexanone | 8.027 | 43 | 15056 | 4.133 | ug/L # | 74 |

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

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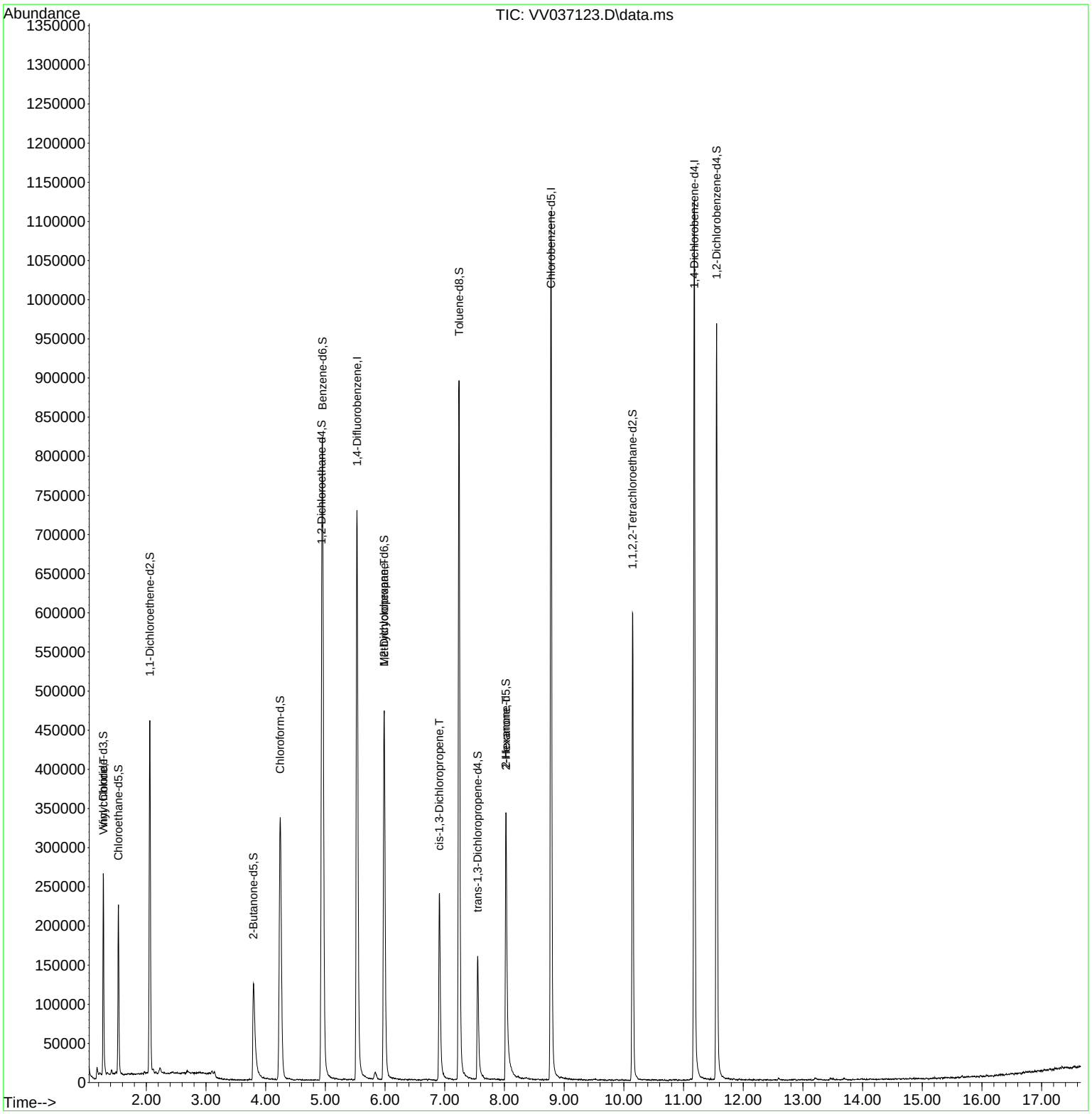
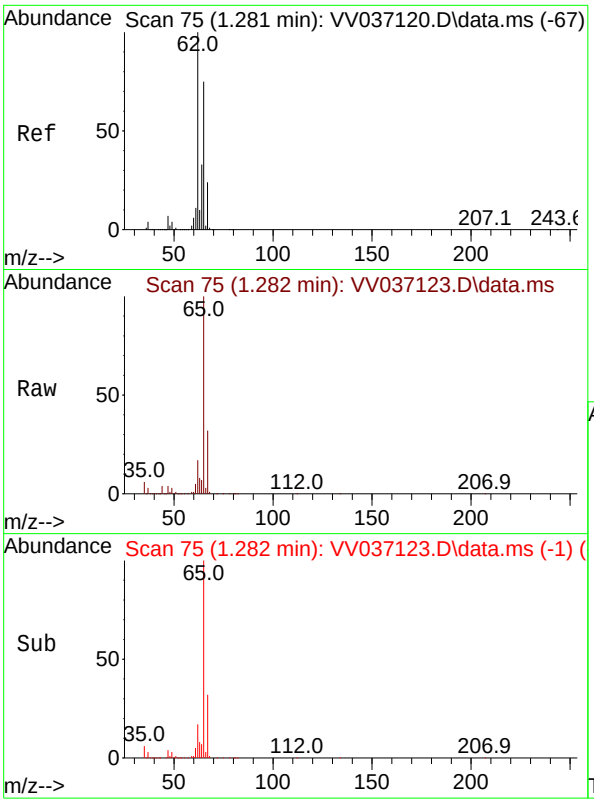
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 29 04:43:38 2024
Response via : Initial Calibration



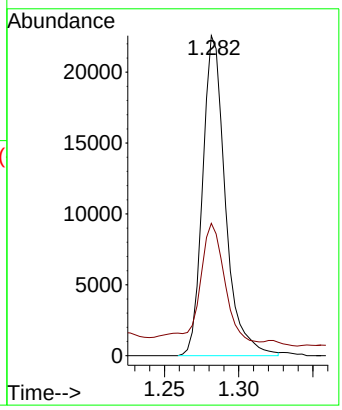


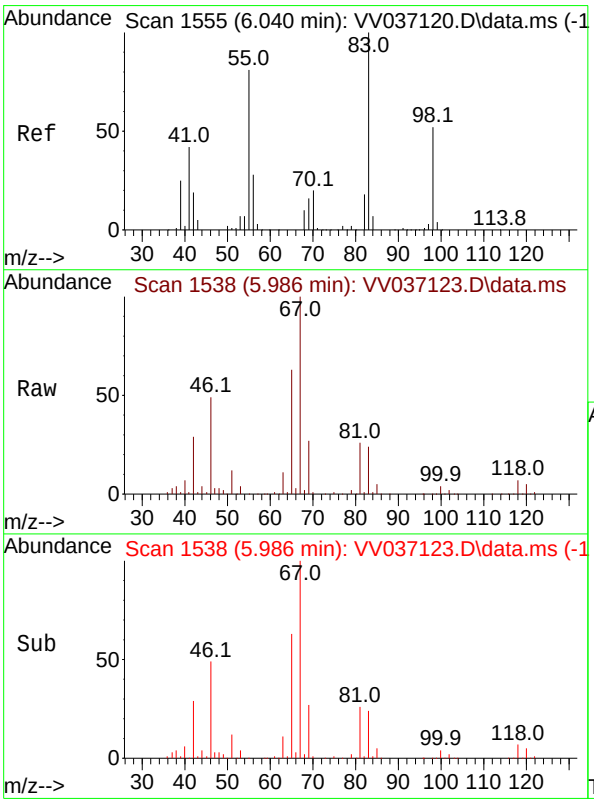

#5
Vinyl chloride
Concen: 4.270 ug/L
RT: 1.282 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV037123.D
Acq: 28 Aug 2024 10:37

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

Tgt Ion: 62 Resp: 24017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 41.3 | 22.8 | 42.4 |

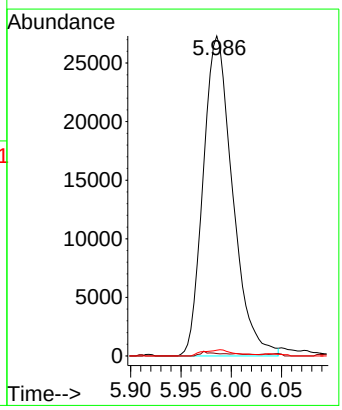


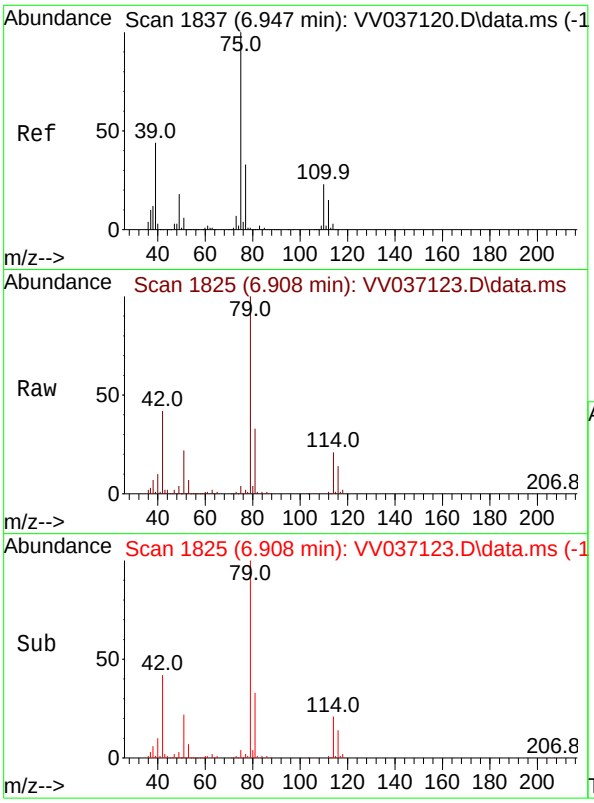




#35
Methylcyclohexane
Concen: 7.486 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.054 min
Lab File: VV037123.D
Acq: 28 Aug 2024 10:37

Tgt Ion: 83 Resp: 55485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 61.2 | 91.8# |
| 98 | 2.1 | 39.3 | 58.9# |



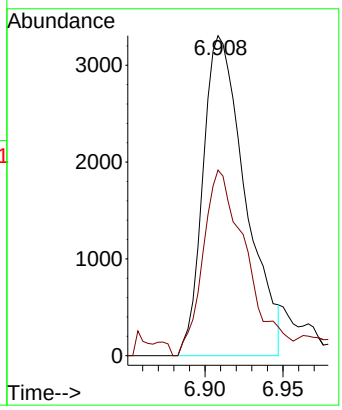


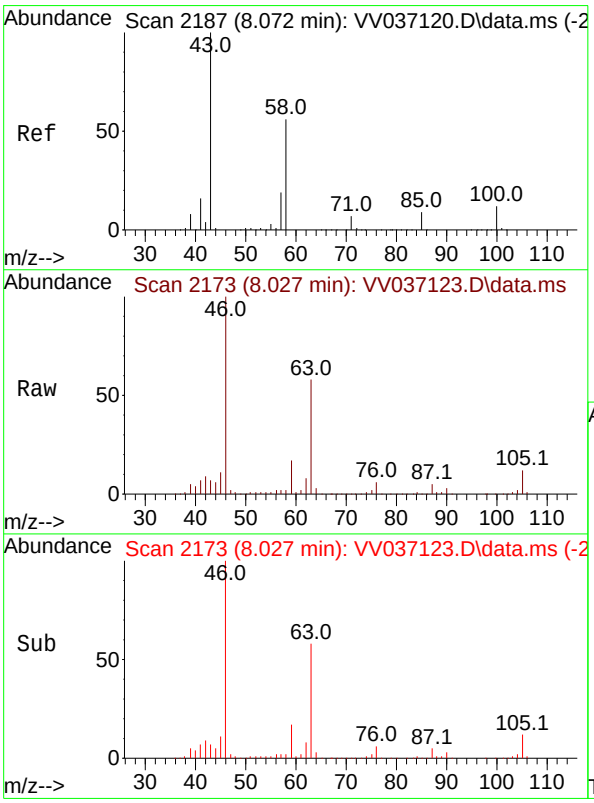

#39
cis-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 6.908 min Scan# 1
Delta R.T. -0.038 min
Lab File: VV037123.D
Acq: 28 Aug 2024 10:37

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

Tgt Ion: 75 Resp: 6240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 58.0 | 21.7 | 40.3# |




#48
2-Hexanone
Concen: 4.133 ug/L
RT: 8.027 min Scan# 2173
Delta R.T. -0.045 min
Lab File: VV037123.D
Acq: 28 Aug 2024 10:37

Tgt Ion: 43 Resp: 15056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.0 | 46.0 | 69.0# |
| 57 | 32.6 | 15.6 | 23.4# |
| 100 | 1.5 | 10.6 | 16.0# |