Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026396.D
Acq On : 28 Jun 2023 14:21
Operator : SY/MD
Sample : 03420-08
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
A4647

Quant Time: Jun 28 23:51:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 23:48:01 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.843 | 114 | 825979 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 603127 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.556 | 152 | 210279 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.363 | 65 | 245579 | 20.466 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 81.880% | | | |
| 7) Chloroethane-d5 | 2.893 | 69 | 218896 | 25.661 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 102.640% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.027 | 65 | 109209 | 20.102 | ug/L | 0.01 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 80.400% | | | |
| 21) 2-Butanone-d5 | 7.075 | 46 | 217055 | 57.555 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 115.120% | | | |
| 24) Chloroform-d | 7.648 | 84 | 470905 | 20.119 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 80.480% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.307 | 65 | 318274 | 24.201 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 96.800% | | | |
| 32) Benzene-d6 | 8.276 | 84 | 951082 | 25.476 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 101.920% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.276 | 67 | 306642 | 25.278 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 101.120% | | | |
| 41) Toluene-d8 | 10.325 | 98 | 777911 | 23.806 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 95.240% | | | |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79 | 128085 | 26.298 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 105.200% | | | |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 143288 | 76.912 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 153.820%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 251898 | 26.375 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 105.520% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.854 | 152 | 161619 | 22.074 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 88.280% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 4.118 | 43 | 318783 | 105.609 | ug/L | 99 |
| 14) Carbon disulfide | 4.393 | 76 | 26403 | 0.700 | ug/L | 98 |
| 22) 2-Butanone | 7.173 | 43 | 142685 | 30.894 | ug/L | 98 |
| 35) Methylcyclohexane | 9.331 | 83 | 16366 | 0.915 | ug/L # | 72 |

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

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Quant Title : SFAM01.0
QLast Update : Wed Jun 28 23:48:01 2023
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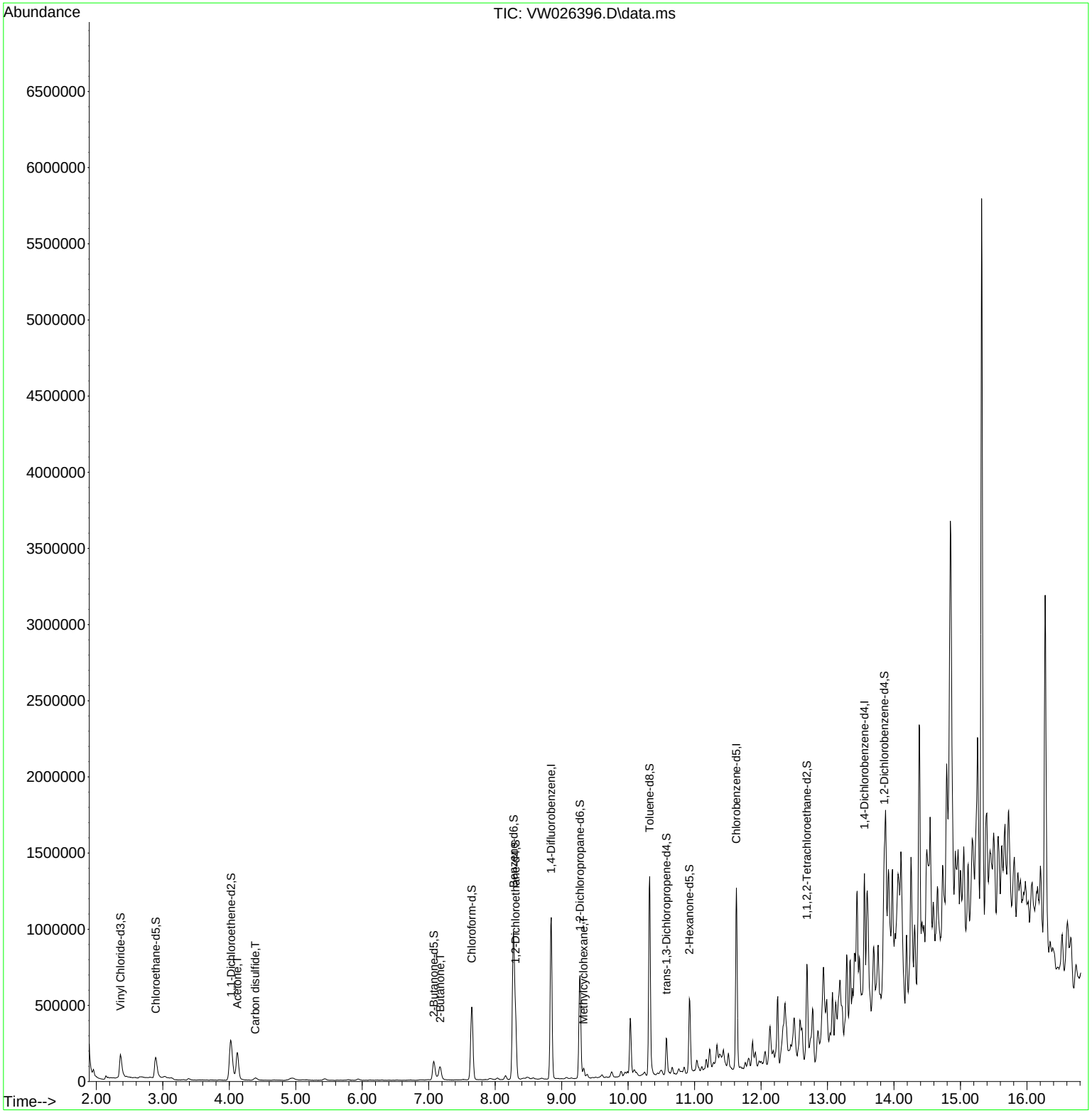
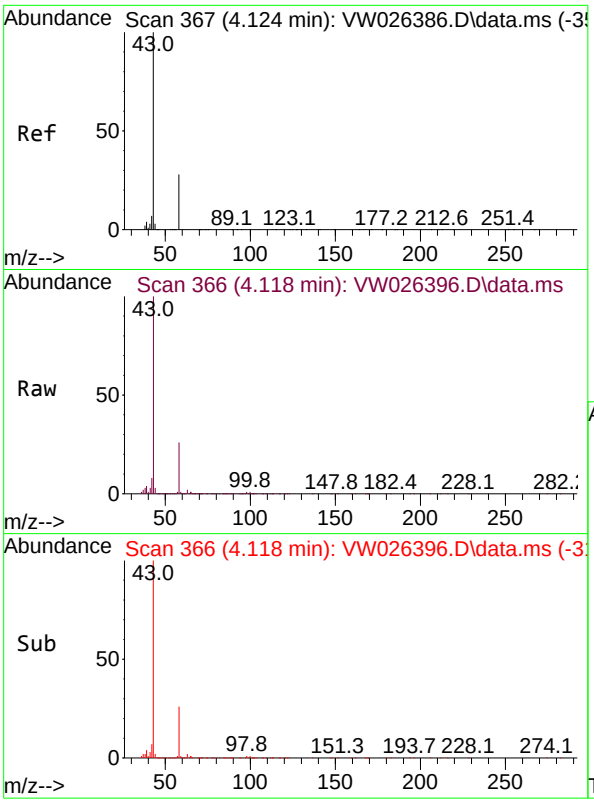


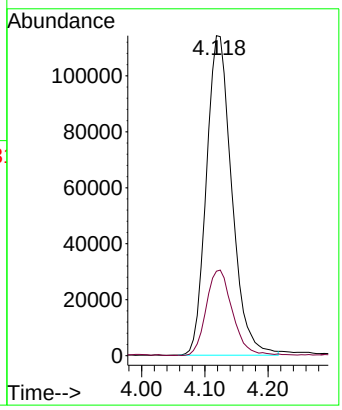


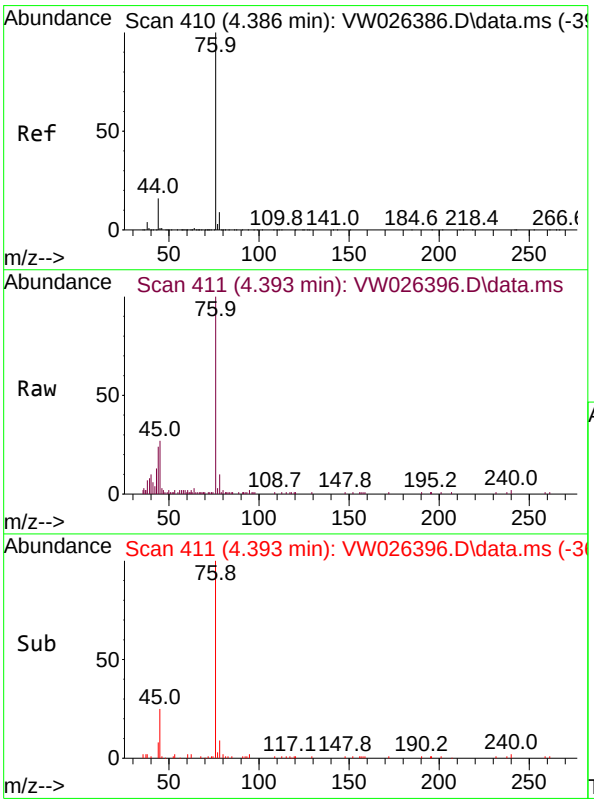

#13
Acetone
Concen: 105.609 ug/L
RT: 4.118 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

**Instrument :**
MSVOA_W
**ClientSampleId :**
A4647

Tgt Ion: 43 Resp: 318783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.2 | 0.0 | 55.8 |

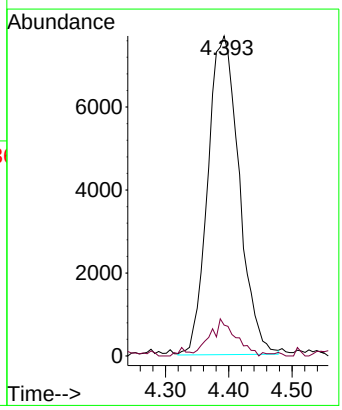


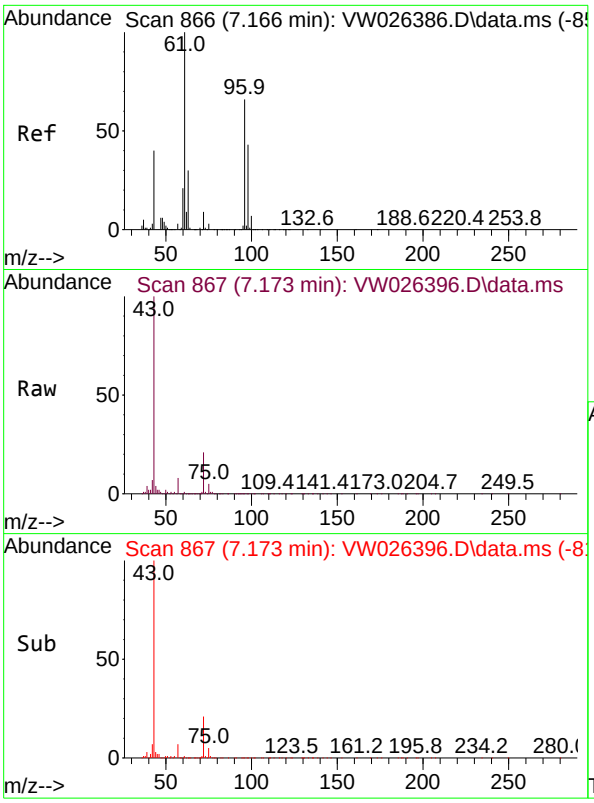




#14
Carbon disulfide
Concen: 0.700 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

Tgt Ion: 76 Resp: 26403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.7 | 7.2 | 10.8 |



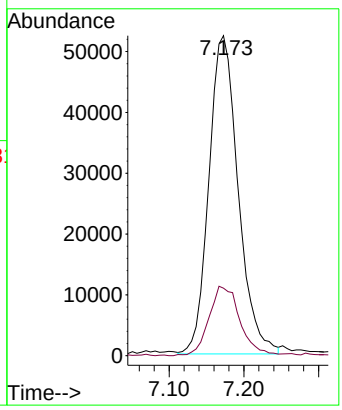


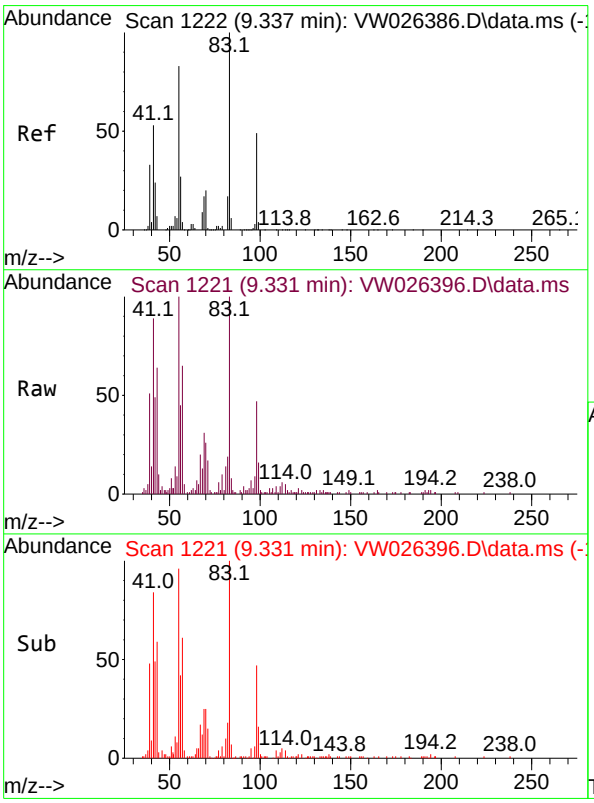

#22
2-Butanone
Concen: 30.894 ug/L
RT: 7.173 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

**Instrument :**
MSVOA_W
**ClientSampleId :**
A4647

Tgt Ion: 43 Resp: 142685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.3 | 11.8 | 35.3 |




#35
Methylcyclohexane
Concen: 0.915 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

Tgt Ion: 83 Resp: 16366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 125.3 | 68.8 | 103.2# |
| 98 | 48.0 | 37.8 | 56.6 |