Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
Data File : VW024439.D
Acq On : 29 Aug 2022 11:35
Operator : SY/VA
Sample : N4346-11
Misc : 6.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
DBVU9

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 29 22:55:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Aug 29 22:53:57 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.841 | 114 | 151382 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.628 | 117 | 165433 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 93009 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.343 | 65 | 31904 | 7.645 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 30.600% | | | |
| 7) Chloroethane-d5 | 2.873 | 69 | 32567 | 10.416 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 41.680% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.007 | 63 | 29606 | 8.180 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 32.720%# | | | |
| 21) 2-Butanone-d5 | 7.086 | 46 | 39967m | 51.999 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 104.000% | | | |
| 24) Chloroform-d | 7.647 | 84 | 111348 | 22.879 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 91.520% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 93605 | 31.715 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 126.880% | | | |
| 32) Benzene-d6 | 8.275 | 84 | 138100 | 14.570 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 58.280% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 77608 | 26.328 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 105.320% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 94551 | 10.492 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 41.960% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 28164 | 20.417 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 81.680% | | | |
| 47) 2-Hexanone-d5 | 10.920 | 63 | 22225 | 33.692 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 67.380% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84 | 97433 | 29.194 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 116.760% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.847 | 152 | 79866 | 22.803 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 91.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 4.123 | 43 | 6878m | 14.995 | ug/L | |
| 16) Methylene chloride | 4.909 | 84 | 10397 | 4.095 | ug/L | 93 |
| 46) Tetrachloroethene | 10.866 | 164 | 9697 | 4.599 | ug/L | 87 |

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

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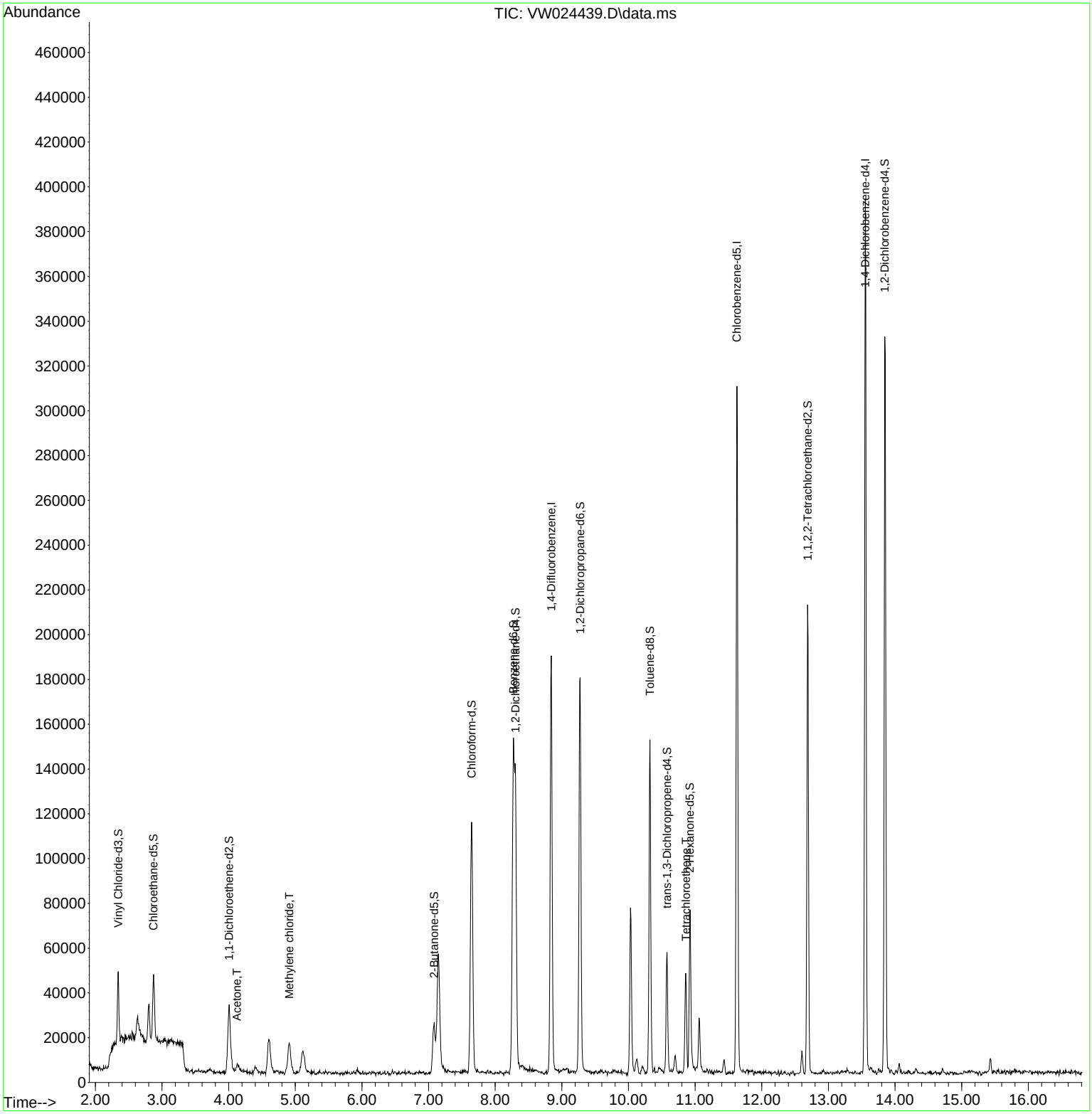
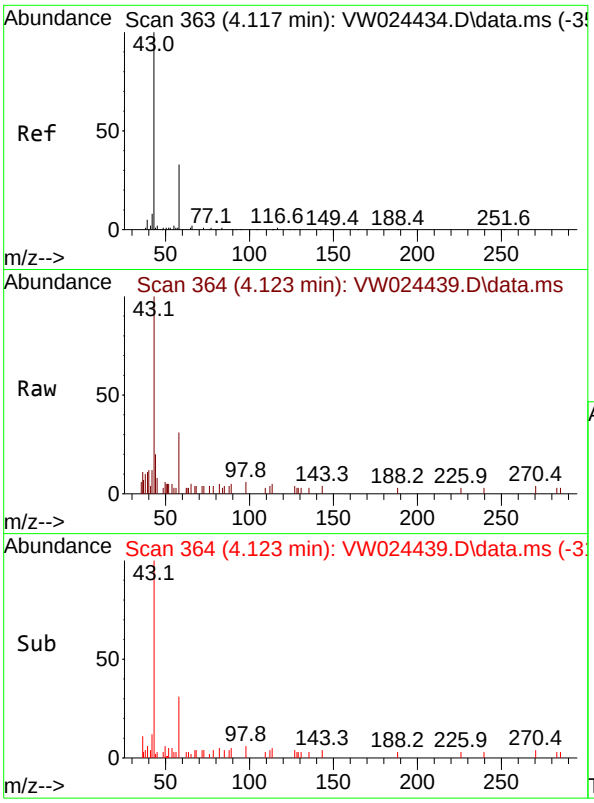
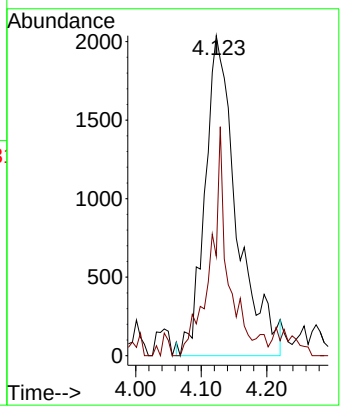





#13
Acetone
Concen: 14.995 ug/L m
RT: 4.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW024439.D
Acq: 29 Aug 2022 11:35

Tgt Ion: 43 Resp: 687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.6 | 0.0 | 58.4 |

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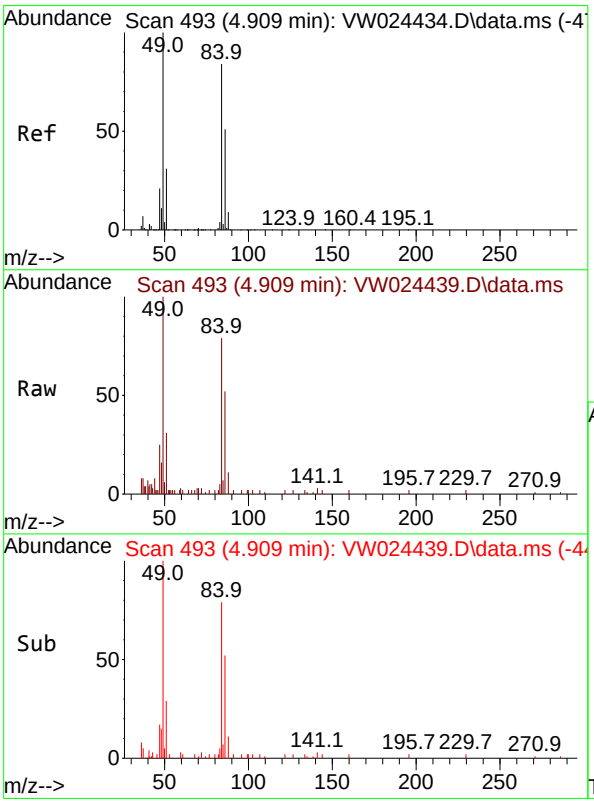
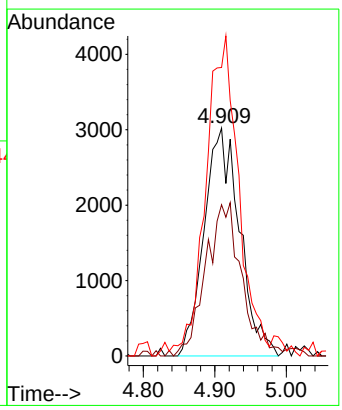
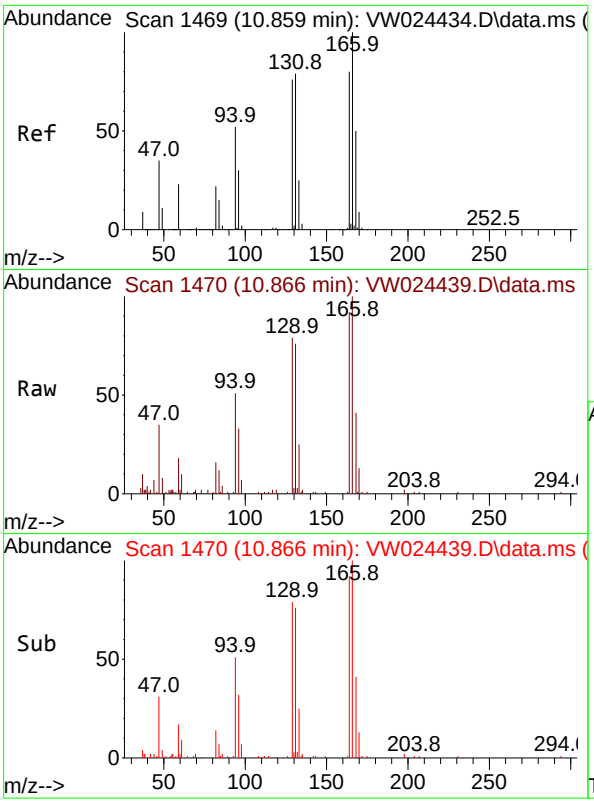



#16
Methylene chloride
Concen: 4.095 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024439.D
Acq: 29 Aug 2022 11:35

Tgt Ion: 84 Resp: 10397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 66.4 | 47.7 | 88.7 |
| 49 | 126.7 | 96.6 | 179.4 |

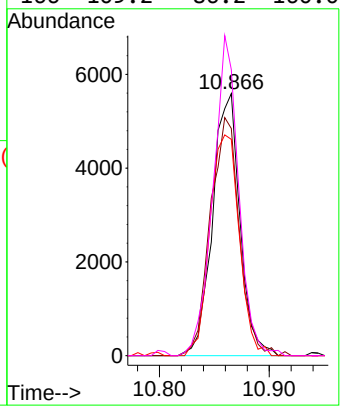





#46
Tetrachloroethene
Concen: 4.599 ug/L
RT: 10.866 min Scan# 14
Delta R.T. 0.006 min
Lab File: VW024439.D
Acq: 29 Aug 2022 11:35

Tgt Ion:164 Resp: 969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 86.7 | 72.9 | 135.3 |
| 131 | 82.5 | 63.7 | 118.3 |
| 166 | 109.2 | 86.2 | 160.0 |

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