Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
Data File : VW018762.D
Acq On : 23 Apr 2021 16:57
Operator : SY/VA
Sample : M2165-09
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** GB3F0

Quant Time: Apr 24 00:19:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 24 00:16:05 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 564929 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 509455 | 25.00 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 239701 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.355 | 65 | 95988 | 11.18 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 44.72% | | | |
| 7) Chloroethane-d5 | 2.891 | 69 | 90338 | 11.87 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 47.48% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.019 | 63 | 133580 | 8.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 35.84%# | | | |
| 21) 2-Butanone-d5 | 7.080 | 46 | 118089 | 60.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 120.86% | | | |
| 24) Chloroform-d | 7.653 | 84 | 302911 | 19.54 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 78.16% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 185685 | 21.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 85.20% | | | |
| 32) Benzene-d6 | 8.275 | 84 | 504916 | 16.89 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 67.56% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 187478 | 20.82 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 83.28% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 412822 | 15.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 60.40% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 75770 | 19.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 79.04% | | | |
| 47) 2-Hexanone-d5 | 10.927 | 63 | 103233 | 65.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 131.84% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84 | 205742 | 27.35 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 109.40% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 188050 | 22.33 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 89.32% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.129 | 43 | 8284 | 5.84 | ug/L | 91 |
| 16) Methylene chloride | 4.915 | 84 | 27219 | 2.94 | ug/L | 92 |
| 42) Toluene | 10.390 | 91 | 11097 | 0.32 | ug/L | 95 |
| 46) Tetrachloroethene | 10.866 | 164 | 530978 | 91.23 | ug/L | 89 |

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

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Quant Title : SFAM01.0
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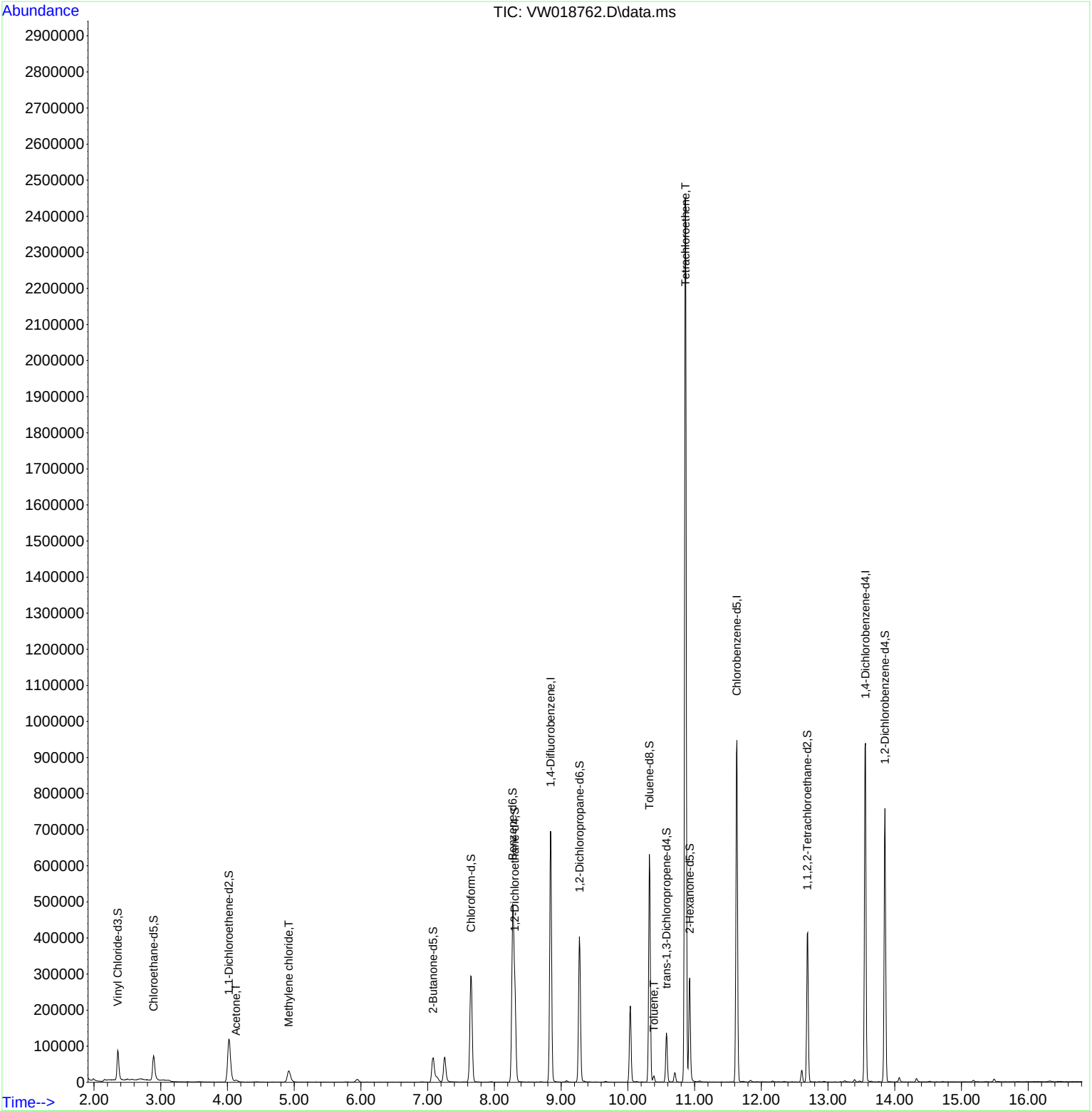

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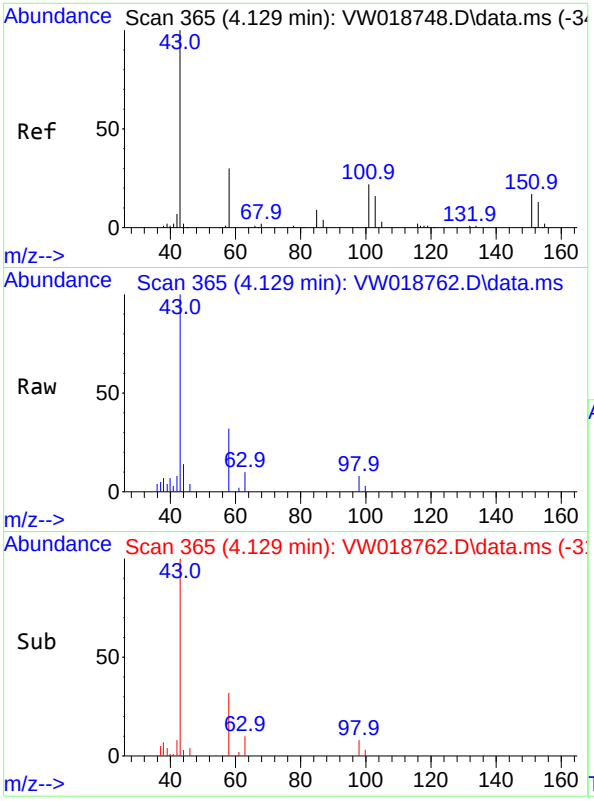
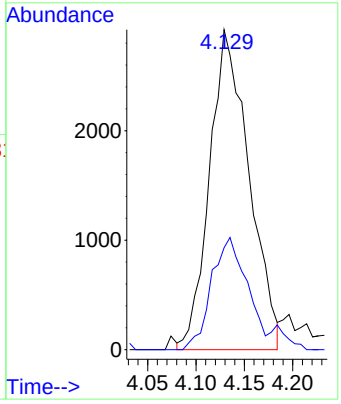
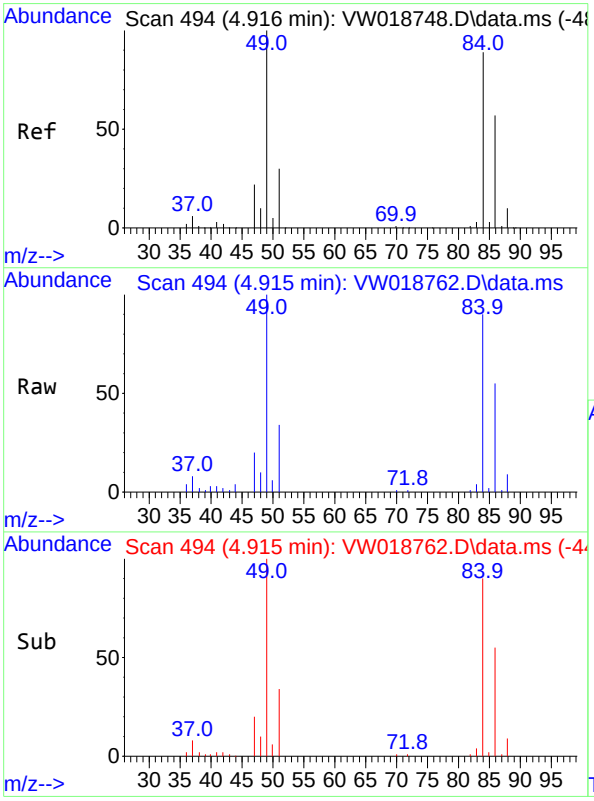



#13
Acetone
Concen: 5.84 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018762.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 43 Resp: 8284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.7 | 0.0 | 53.8 |

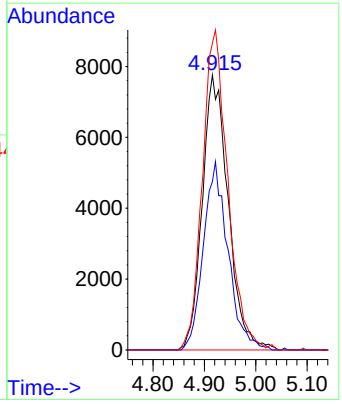


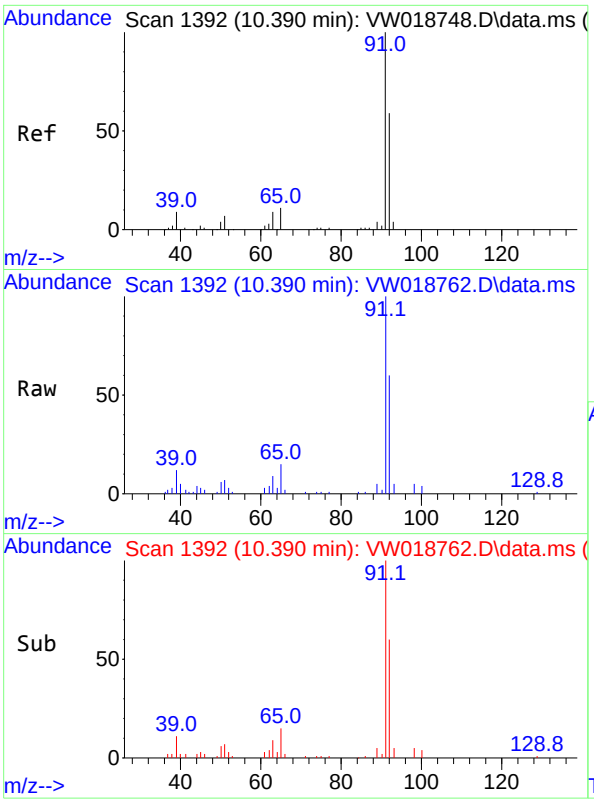




#16
Methylene chloride
Concen: 2.94 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018762.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 84 Resp: 27219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 61.3 | 45.3 | 84.1 |
| 49 | 111.6 | 86.6 | 160.8 |

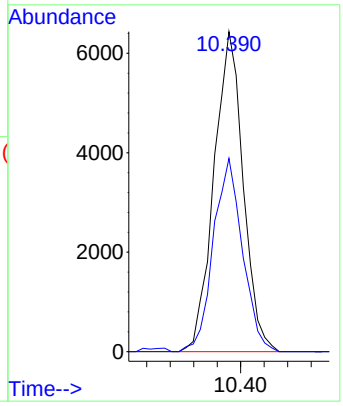




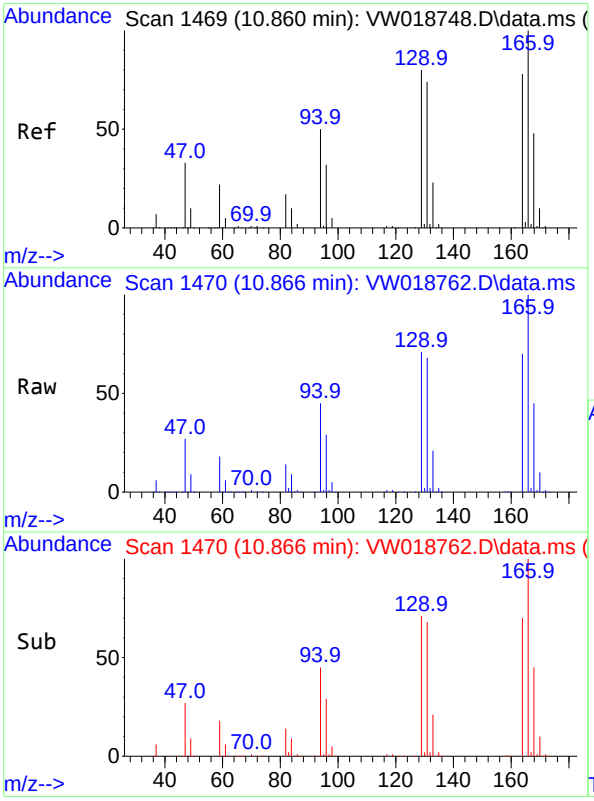

#42
Toluene
Concen: 0.32 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018762.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 91 Resp: 11097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.4 | 39.5 | 73.3 |




**Instrument :**
MSVOA_W
**ClientSampleId :**
GB3F0




#46
Tetrachloroethene
Concen: 91.23 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018762.D
Acq: 23 Apr 2021 16:57

Tgt Ion:164 Resp: 530978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 100.7 | 66.7 | 123.9 |
| 131 | 97.1 | 61.1 | 113.5 |
| 166 | 142.8 | 87.0 | 161.6 |