Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
Data File : VW018916.D
Acq On : 04 May 2021 14:17
Operator : SY/VA
Sample : M2209-07
Misc : 5.26G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BG7E6

Quant Time: May 05 00:06:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 05 00:05:43 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 687392 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 597709 | 25.00 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 266869 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.355 | 65 | 206243 | 23.39 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 93.56% | | | |
| 7) Chloroethane-d5 | 2.892 | 69 | 163872 | 23.98 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 95.92% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.019 | 63 | 321914 | 18.38 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 73.52% | | | |
| 21) 2-Butanone-d5 | 7.080 | 46 | 86913 | 37.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 75.68% | | | |
| 24) Chloroform-d | 7.647 | 84 | 449231 | 24.90 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 99.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 237905 | 23.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 94.44% | | | |
| 32) Benzene-d6 | 8.275 | 84 | 901412 | 26.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 106.76% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.275 | 67 | 260174 | 25.97 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 103.88% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 818811 | 26.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 104.00% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 103588 | 22.75 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 91.00% | | | |
| 47) 2-Hexanone-d5 | 10.921 | 63 | 74574 | 41.57 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 83.14% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84 | 182480 | 21.49 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 85.96% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 239477 | 26.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 104.76% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.147 | 43 | 10709 | 6.09 | ug/L | 85 |
| 16) Methylene chloride | 4.922 | 84 | 53832 | 4.74 | ug/L | 95 |
| 42) Toluene | 10.390 | 91 | 13671 | 0.35 | ug/L | 96 |
| 46) Tetrachloroethene | 10.860 | 164 | 16072 | 2.24 | ug/L | 97 |

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

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Quant Title : SFAM01.0
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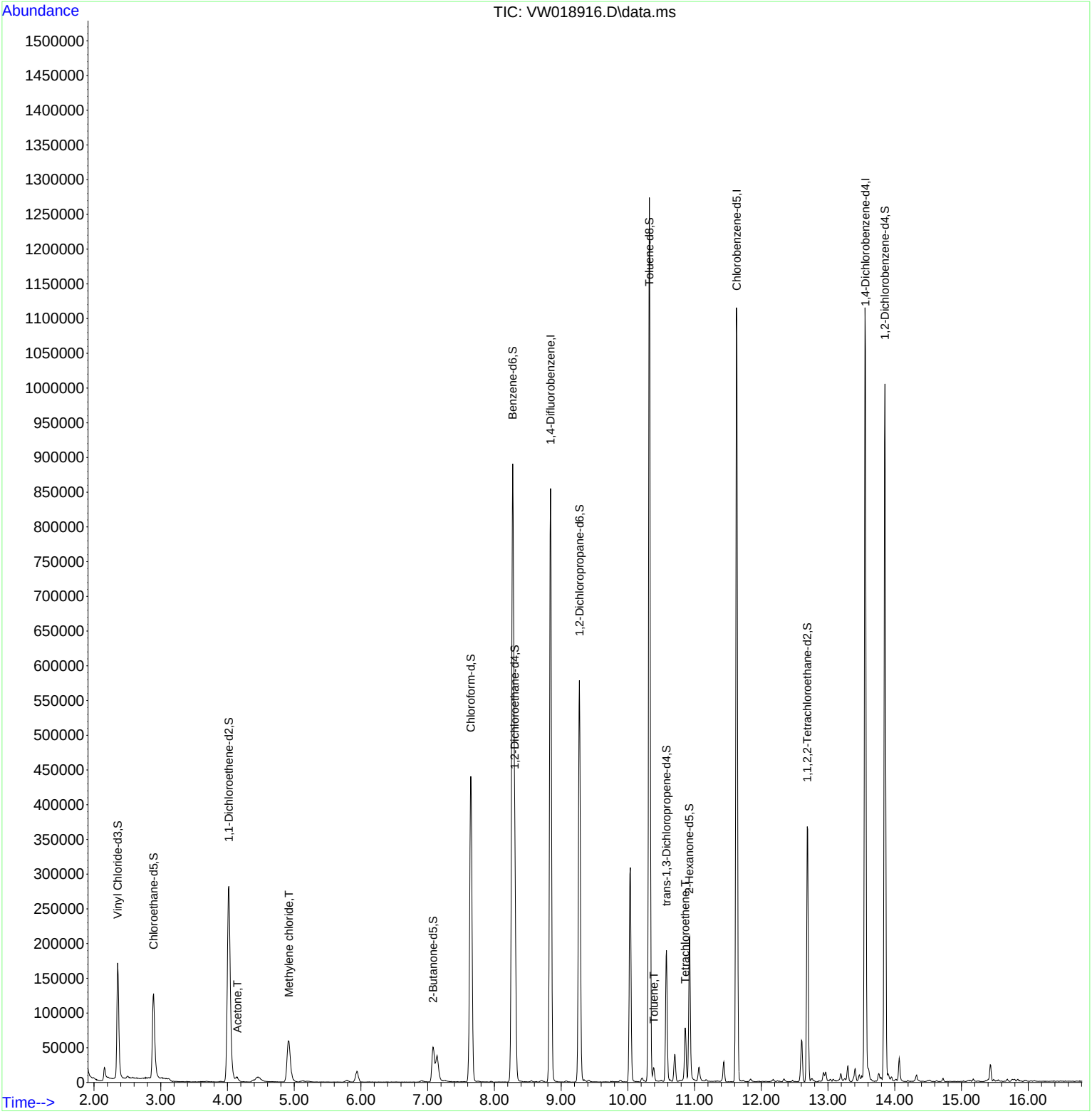

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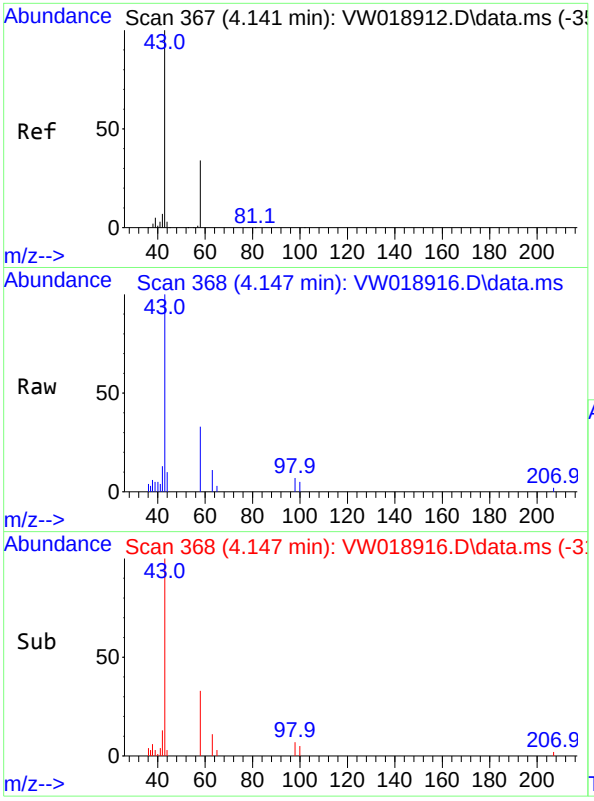
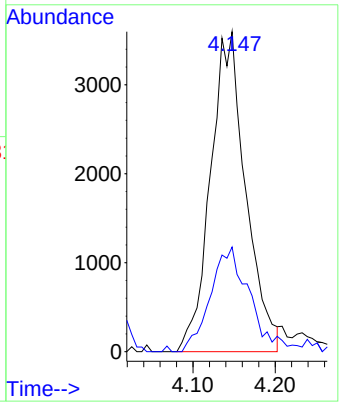
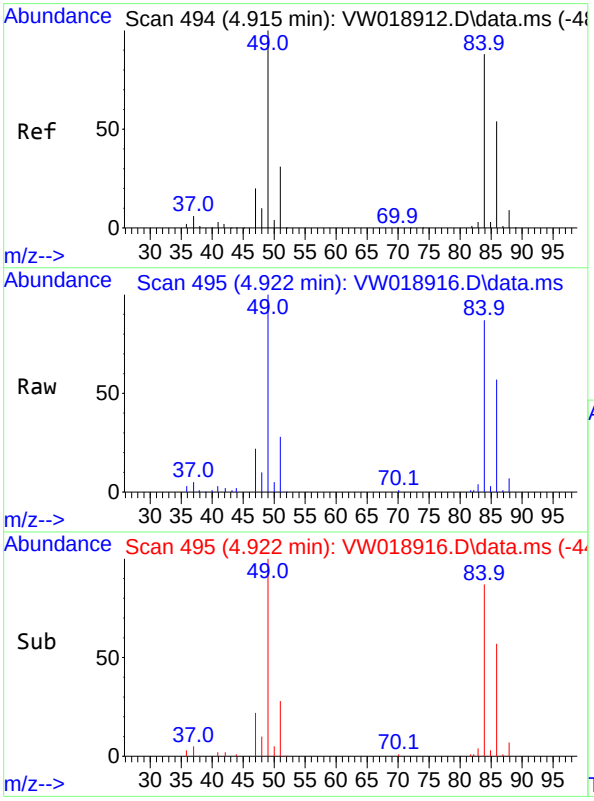



#13
Acetone
Concen: 6.09 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Tgt Ion: 43 Resp: 10709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.7 | 0.0 | 53.8 |

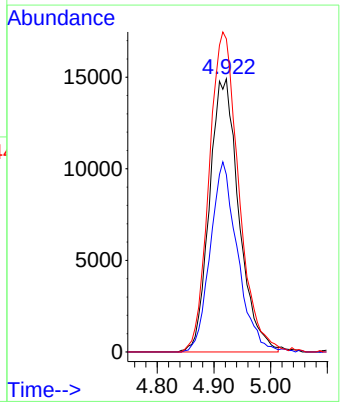


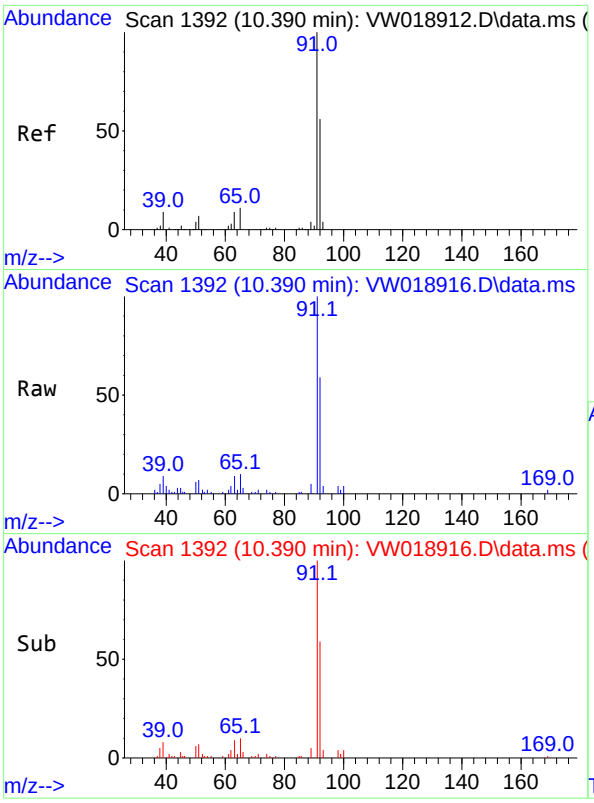

#16
Methylene chloride
Concen: 4.74 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Tgt Ion: 84 Resp: 53832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.9 | 45.3 | 84.1 |
| 49 | 114.6 | 86.6 | 160.8 |



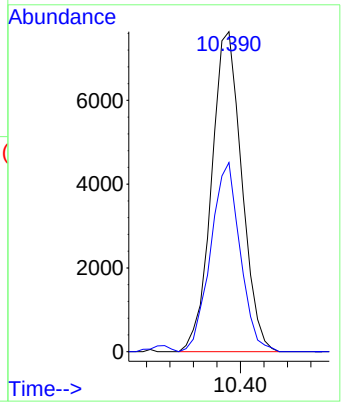
**Instrument :**
MSVOA_W
**ClientSampleId :**
BG7E6

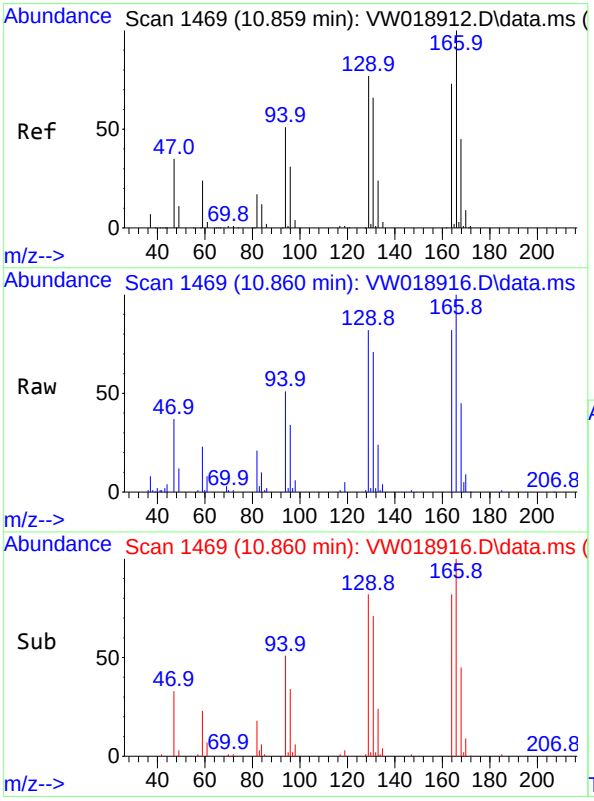



#42
Toluene
Concen: 0.35 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Tgt Ion: 91 Resp: 13671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.1 | 39.5 | 73.3 |




#46
Tetrachloroethene
Concen: 2.24 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018916.D
Acq: 04 May 2021 14:17

Tgt Ion:164 Resp: 16072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 99.9 | 66.7 | 123.9 |
| 131 | 85.9 | 61.1 | 113.5 |
| 166 | 121.6 | 87.0 | 161.6 |