

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012020\  
 Data File : VW014698.D  
 Acq On : 20 Jan 2020 16:31  
 Operator : SY/VA  
 Sample : L1193-10  
 Misc : 5.05G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GASP1

Quant Time: Jan 21 04:15:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 21 03:38:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1144206  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1045688  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 458586   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 326787   | 20.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.04%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 270600   | 22.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.08%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 477272   | 16.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.72%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 177366   | 46.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.42%  |
| 24) Chloroform-d               | 7.65   | 84    | 627055   | 23.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 95.28%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 340373   | 24.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.68%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1315274  | 23.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.60%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 413670   | 24.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.96%  |
| 37) Toluene-d8                 | 10.32  | 98    | 1164329  | 23.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 92.40%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 155105   | 22.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 89.84%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 135339   | 47.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.68%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 313405   | 24.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 99.84%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 392436   | 25.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 103.88% |

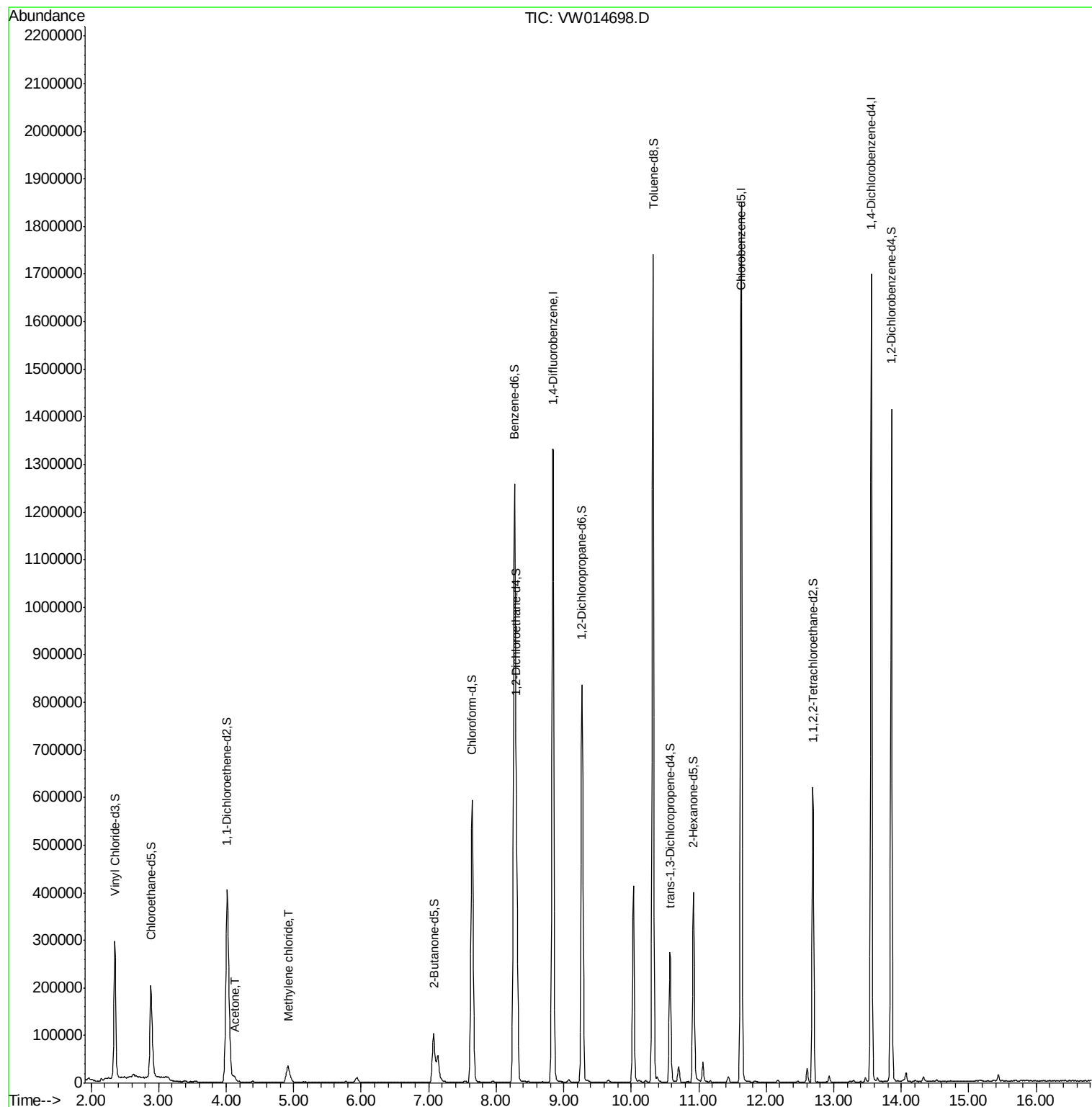
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 16612 | 3.126 ug/L | 75     |
| 16) Methylene chloride | 4.92 | 84 | 30523 | 1.636 ug/L | 92     |

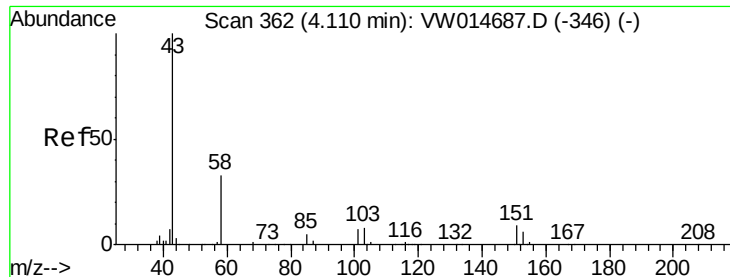
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jan 21 03:38:42 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 3.126 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014698.D

Acq: 20 Jan 2020 16:31

Instrument :

MSVOA\_W

ClientSampled :

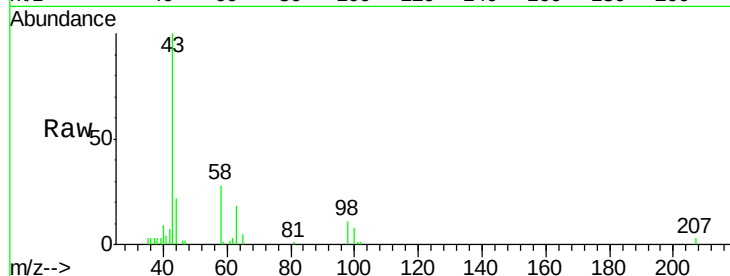
GASP1

Tot Ion: 43 Resp: 16612

Ion Ratio Lower Upper

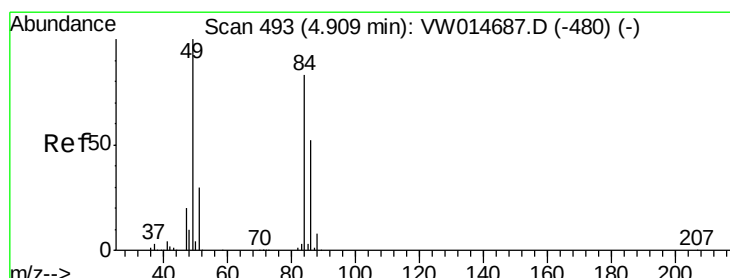
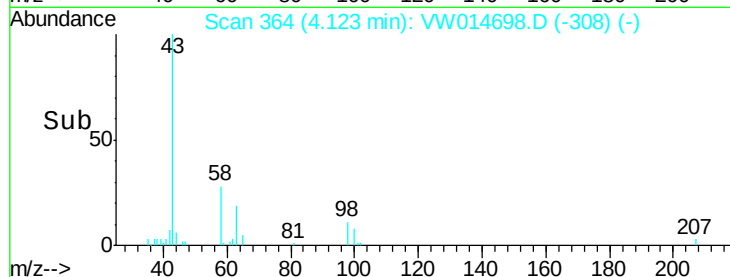
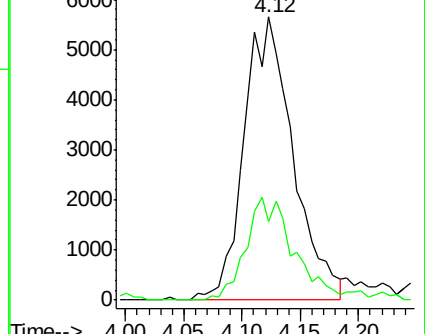
43 100

58 18.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.636 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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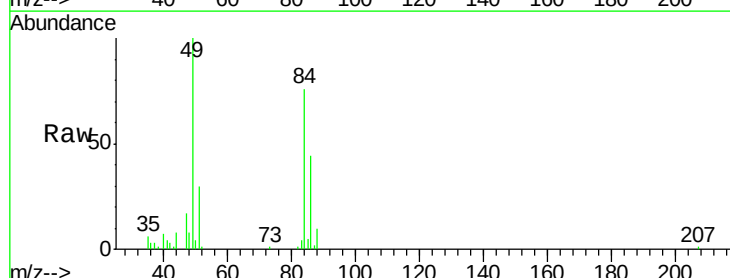
Tgt Ion: 84 Resp: 30523

Ion Ratio Lower Upper

84 100

49 131.7 85.8 159.4

86 57.5 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

