Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072918\
Data File : VW004303.D
Acq On : 28 Jul 2018 06:08
Operator : SY/AP
Sample : J4204-19
Misc : 4.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JJ1K6

Manual Integrations APPROVED
MMDadoda
7/31/2018 10:33:39 AM

Quant Time: Jul 28 06:39:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	345033	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	121269	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	107095	30.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.32%			
7) Chloroethane-d5	2.89	69	73496	29.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.36%			
10) 1,1-Dichloroethene-d2	4.01	63	190388	22.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.84%			
20) 2-Butanone-d5	7.08	46	89126	45.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.64%			
24) Chloroform-d	7.65	84	257208	29.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.48%			
26) 1,2-Dichloroethane-d4	8.31	65	156915	29.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.12%			
29) Benzene-d6	8.27	84	511830	30.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 120.76%			
33) 1,2-Dichloropropane-d6	9.28	67	174329	30.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.68%#			
37) Toluene-d8	10.33	98	463532	28.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 115.72%			
38) trans-1,3-Dichloropropene-	10.58	79	66888	26.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.52%			
39) 2-Hexanone-d5	10.93	63	66713	45.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.04%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	145687	25.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.20%			
61) 1,2-Dichlorobenzene-d4	13.86	152	144089	31.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 127.12%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	4393	2.212	ug/L	70
16) Methylene chloride	4.92	84	11372m	2.351	ug/L	

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

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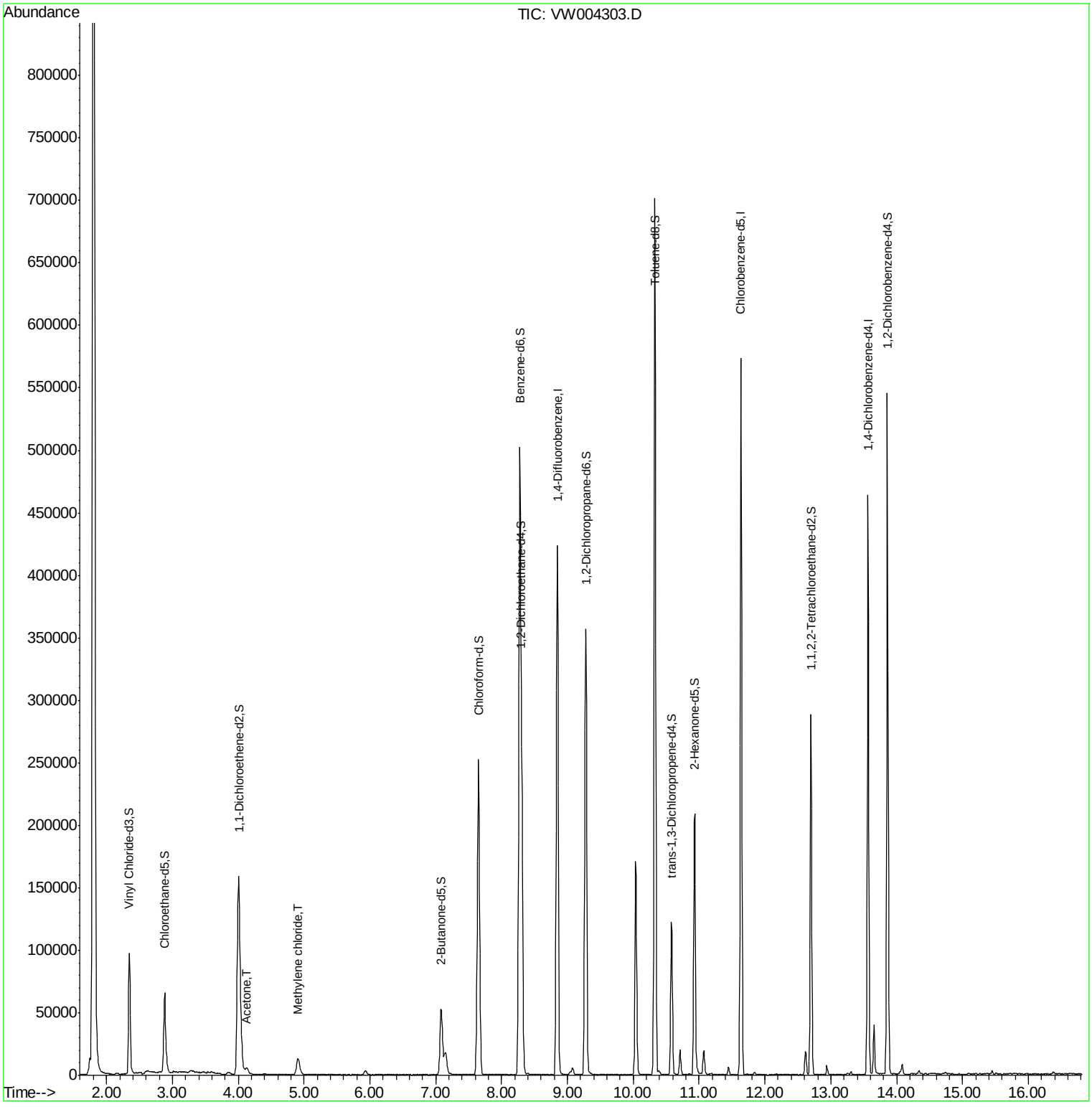
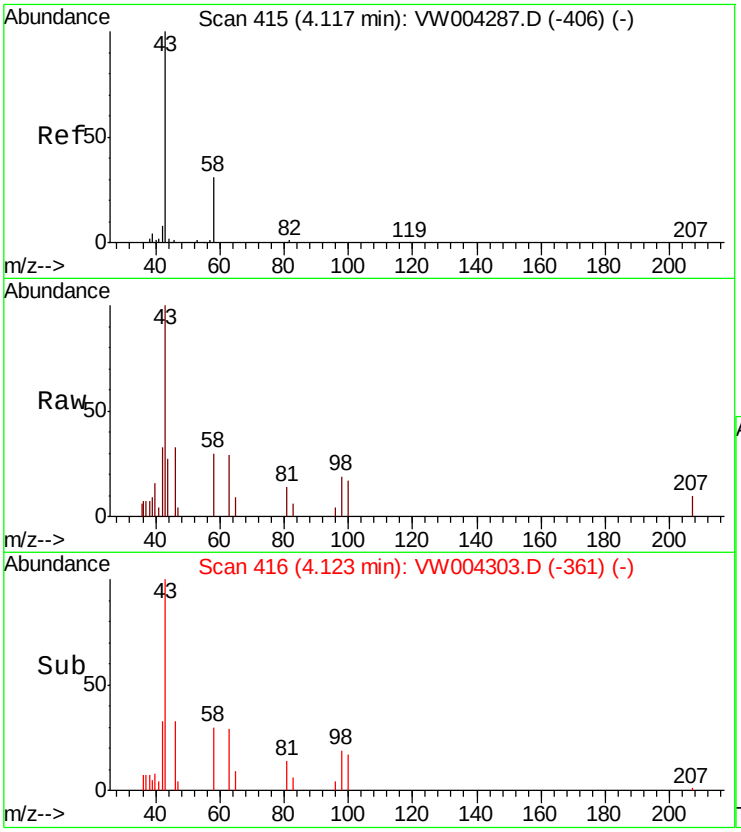
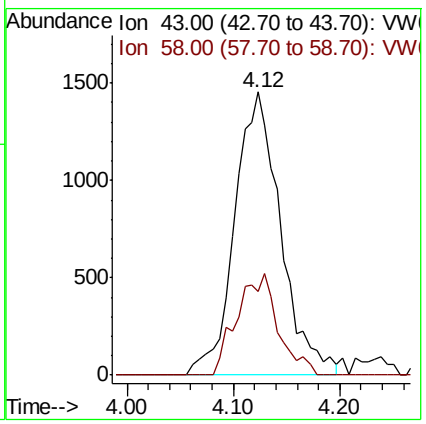




#13
Acetone
Concen: 2.212 ug/L
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW004303.D
Acq: 28 Jul 2018 06:08

Tgt Ion: 43 Resp: 4393

Ion	Ratio	Lower	Upper
43	100		
58	13.8	0.0	59.8



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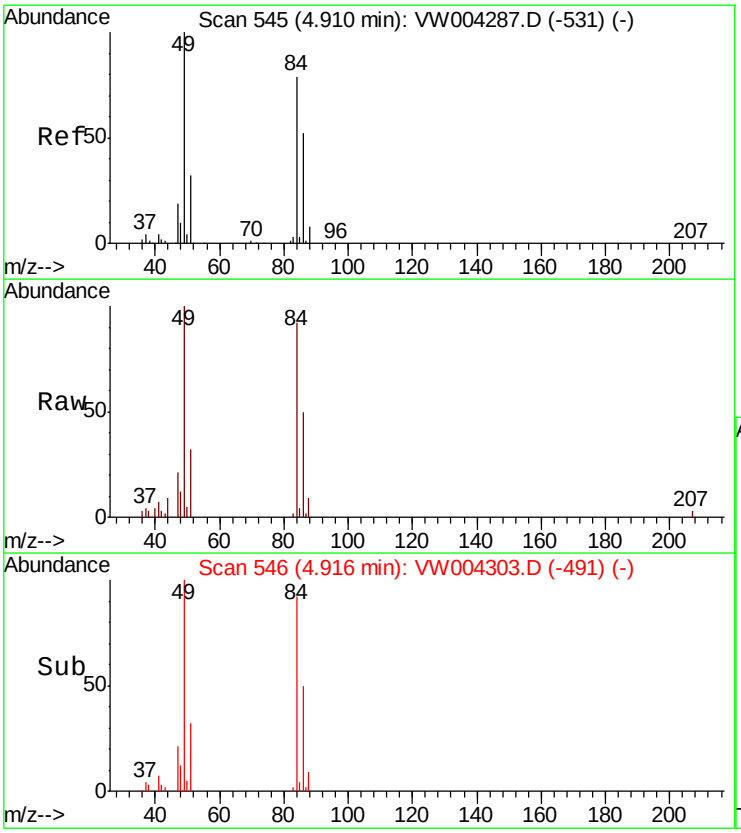

#16
Methylene chloride
Concen: 2.351 ug/L m
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004303.D
Acq: 28 Jul 2018 06:08

Tgt Ion: 84 Resp: 11372

Ion	Ratio	Lower	Upper
84	100		
49	109.1	90.9	168.7
86	54.1	44.4	82.5