Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
Data File : VW010315.D
Acq On : 07 May 2019 23:15
Operator : SY/VA
Sample : K2613-23
Misc : 6.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFHF8

Manual Integrations APPROVED
MMDadoda
5/10/2019 6:03:23 PM

Quant Time: May 08 07:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 02:05:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	477700	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	481654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201885	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	92701	16.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.68%			
7) Chloroethane-d5	2.89	69	86497	18.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.36%			
10) 1,1-Dichloroethene-d2	4.01	63	183854	13.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.08%			
20) 2-Butanone-d5	7.07	46	122340	47.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.96%			
24) Chloroform-d	7.64	84	314992	24.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.04%			
26) 1,2-Dichloroethane-d4	8.31	65	202923	26.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.76%			
29) Benzene-d6	8.27	84	576182	22.02	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.08%			
33) 1,2-Dichloropropane-d6	9.27	67	202441	25.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.24%			
37) Toluene-d8	10.32	98	500155	21.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.76%			
38) trans-1,3-Dichloropropene-	10.58	79	79234	21.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.68%			
39) 2-Hexanone-d5	10.93	63	91103	44.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	181000	23.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.20%			
61) 1,2-Dichlorobenzene-d4	13.86	152	190975	27.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.88%			
Target Compounds						Qvalue
13) Acetone	4.12	43	6248	2.834	ug/L	91
16) Methylene chloride	4.92	84	14396m	2.226	ug/L	

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

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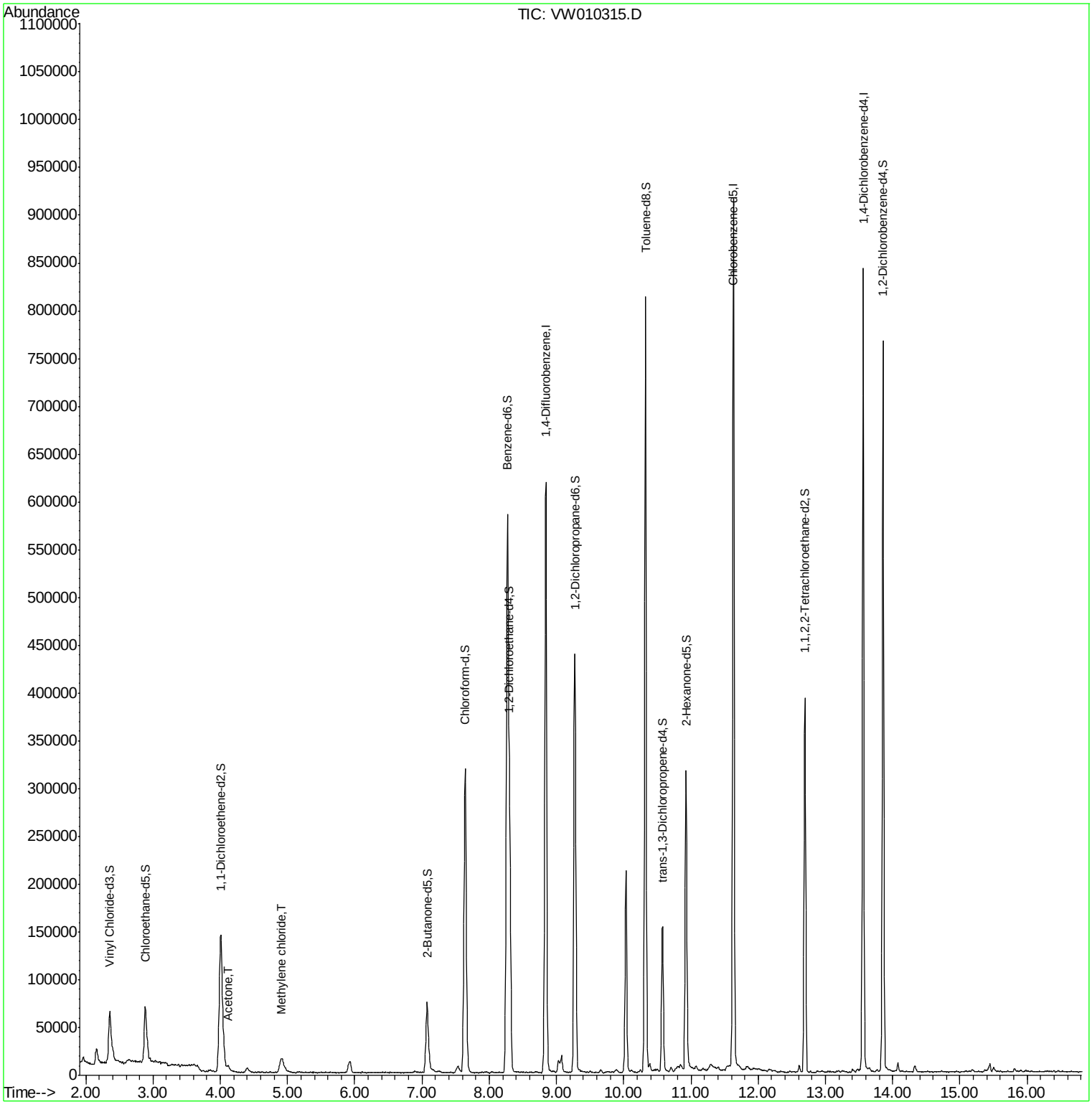
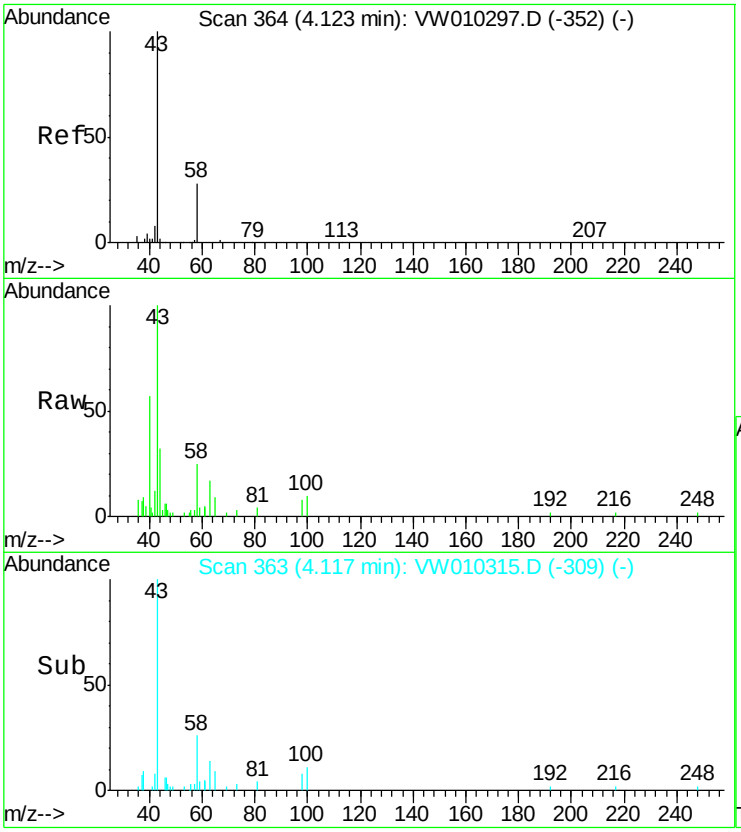
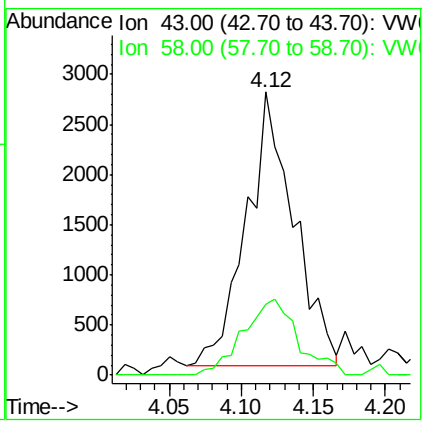




#13
Acetone
Concen: 2.834 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW010315.D
Acq: 07 May 2019 23:15

Tgt Ion: 43 Resp: 6248

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	55.2



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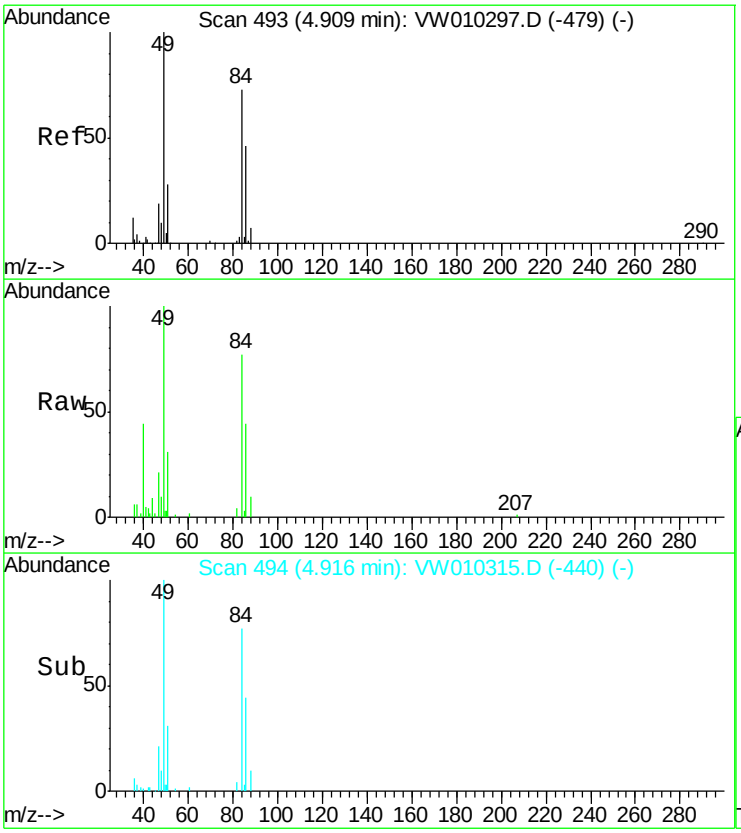

#16
Methylene chloride
Concen: 2.226 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010315.D
Acq: 07 May 2019 23:15

Tgt Ion: 84 Resp: 14396

Ion	Ratio	Lower	Upper
84	100		
49	130.6	94.4	175.4
86	57.4	43.8	81.4