Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
Data File : VV010161.D
Acq On : 06 Apr 2019 18:39
Operator : SY/MD
Sample : K2168-09
Misc : 4.78G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF636

Quant Time: Apr 07 03:01:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	288068	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	278061	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127036	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53166	13.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 55.16%			
7) Chloroethane-d5	1.57	69	67165	14.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.08%			
10) 1,1-Dichloroethene-d2	2.13	63	119039	12.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 48.96%			
20) 2-Butanone-d5	3.94	46	34906	31.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.62%			
24) Chloroform-d	4.40	84	143581	19.78	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.12%			
26) 1,2-Dichloroethane-d4	5.08	65	82367	20.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.16%			
29) Benzene-d6	5.10	84	297491	20.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.52%			
33) 1,2-Dichloropropane-d6	6.12	67	89987	21.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.60%			
37) Toluene-d8	7.36	98	268321	19.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.24%			
38) trans-1,3-Dichloropropene-	7.66	79	31718	17.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.76%			
39) 2-Hexanone-d5	8.14	63	28523	33.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.84%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72361	17.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 68.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	104329	21.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.32%			
Target Compounds						Qvalue
13) Acetone	2.20	43	3542	3.265	ug/L	98
16) Methylene chloride	2.53	84	9777	1.932	ug/L	95

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

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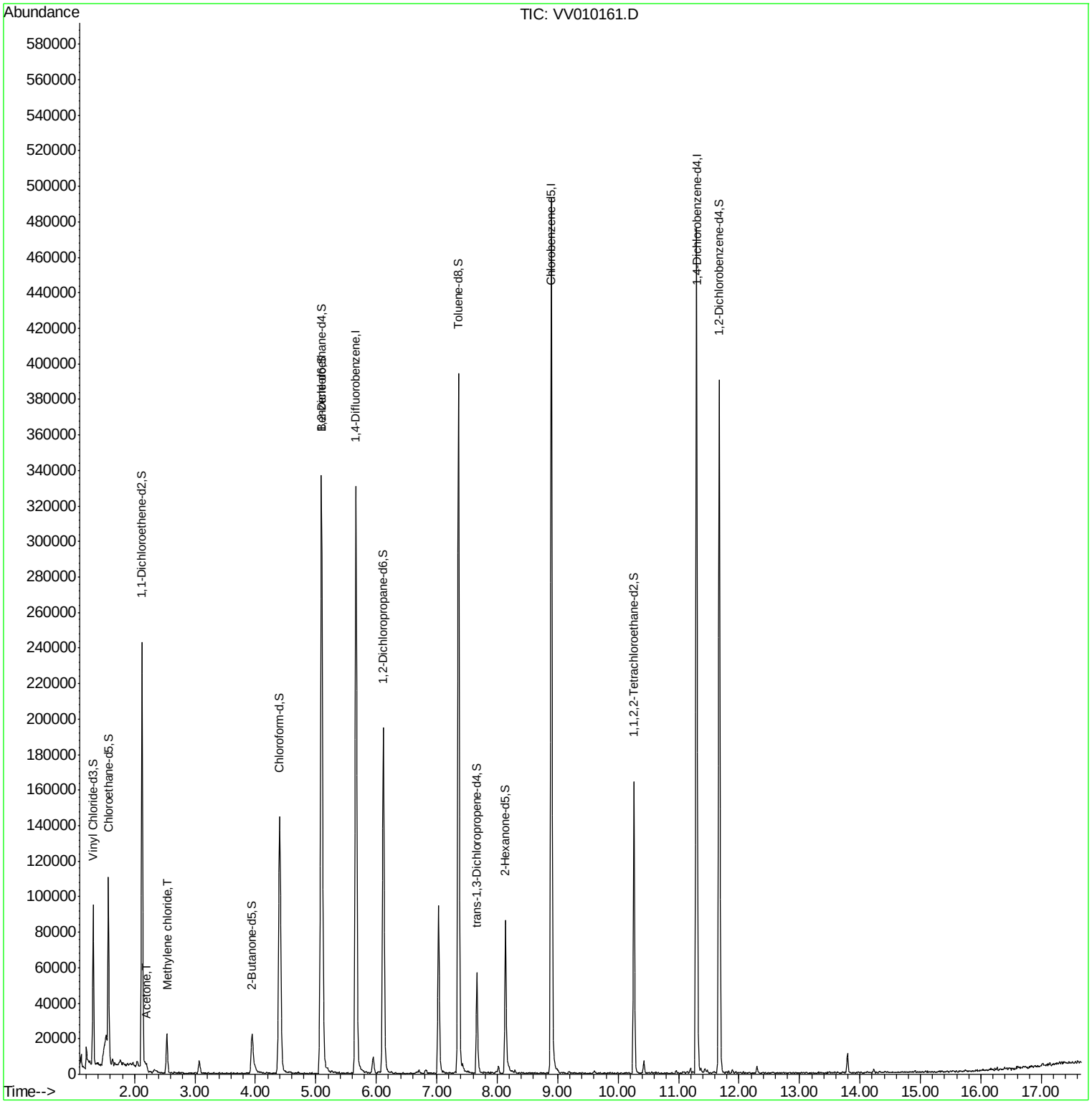
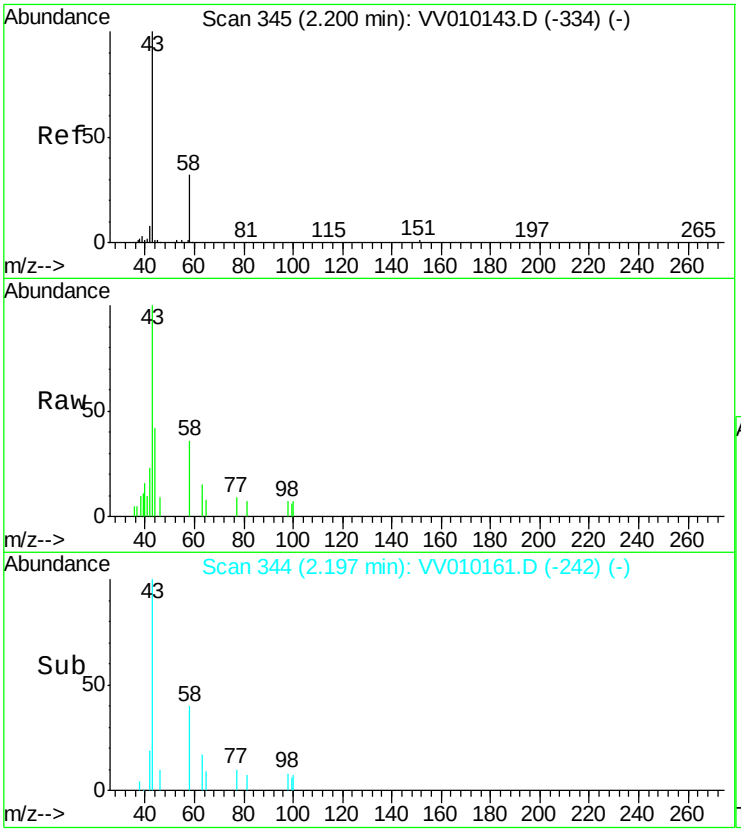


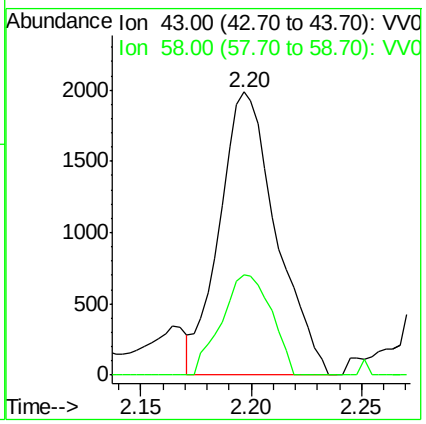


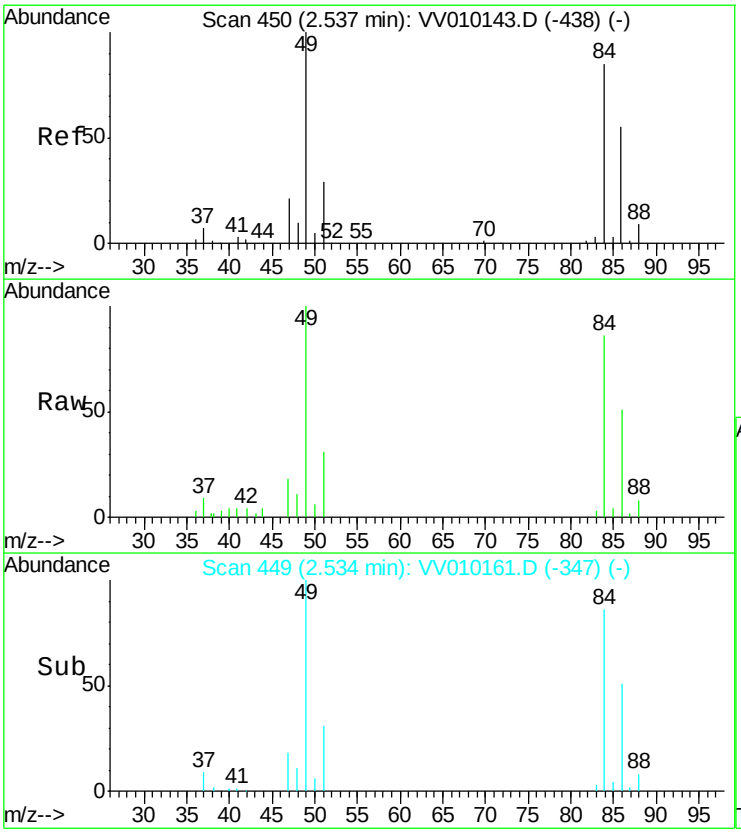
#13
Acetone
Concen: 3.265 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.00 min
Lab File: VV010161.D
Acq: 06 Apr 2019 18:39

Instrument : MSVOA_V
ClientSampleId : BF636

Tgt Ion: 43 Resp: 3542

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	64.6





#16
Methylene chloride
Concen: 1.932 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010161.D
Acq: 06 Apr 2019 18:39

Tgt Ion: 84 Resp: 9777

Ion	Ratio	Lower	Upper
84	100		
49	116.9	84.3	156.5
86	59.2	45.4	84.2