Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
Data File : VV010158.D
Acq On : 06 Apr 2019 17:20
Operator : SY/MD
Sample : K2168-06
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF647

Quant Time: Apr 07 02:25:42 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	270767	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123081	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50950	14.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.24%			
7) Chloroethane-d5	1.57	69	56139	12.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 49.88%			
10) 1,1-Dichloroethene-d2	2.13	63	115058	12.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.32%			
20) 2-Butanone-d5	3.94	46	41457	40.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.38%			
24) Chloroform-d	4.40	84	136749	20.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.20%			
26) 1,2-Dichloroethane-d4	5.08	65	80203	21.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.08%			
29) Benzene-d6	5.10	84	273007	20.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.48%			
33) 1,2-Dichloropropane-d6	6.12	67	84655	21.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.64%			
37) Toluene-d8	7.36	98	252881	19.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.36%			
38) trans-1,3-Dichloropropene-	7.66	79	30466	18.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.08%			
39) 2-Hexanone-d5	8.14	63	30189	38.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.14%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	75405	19.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.32%			
61) 1,2-Dichlorobenzene-d4	11.67	152	104207	21.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.92%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2839	2.784	ug/L	85
16) Methylene chloride	2.54	84	7558	1.589	ug/L	91

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

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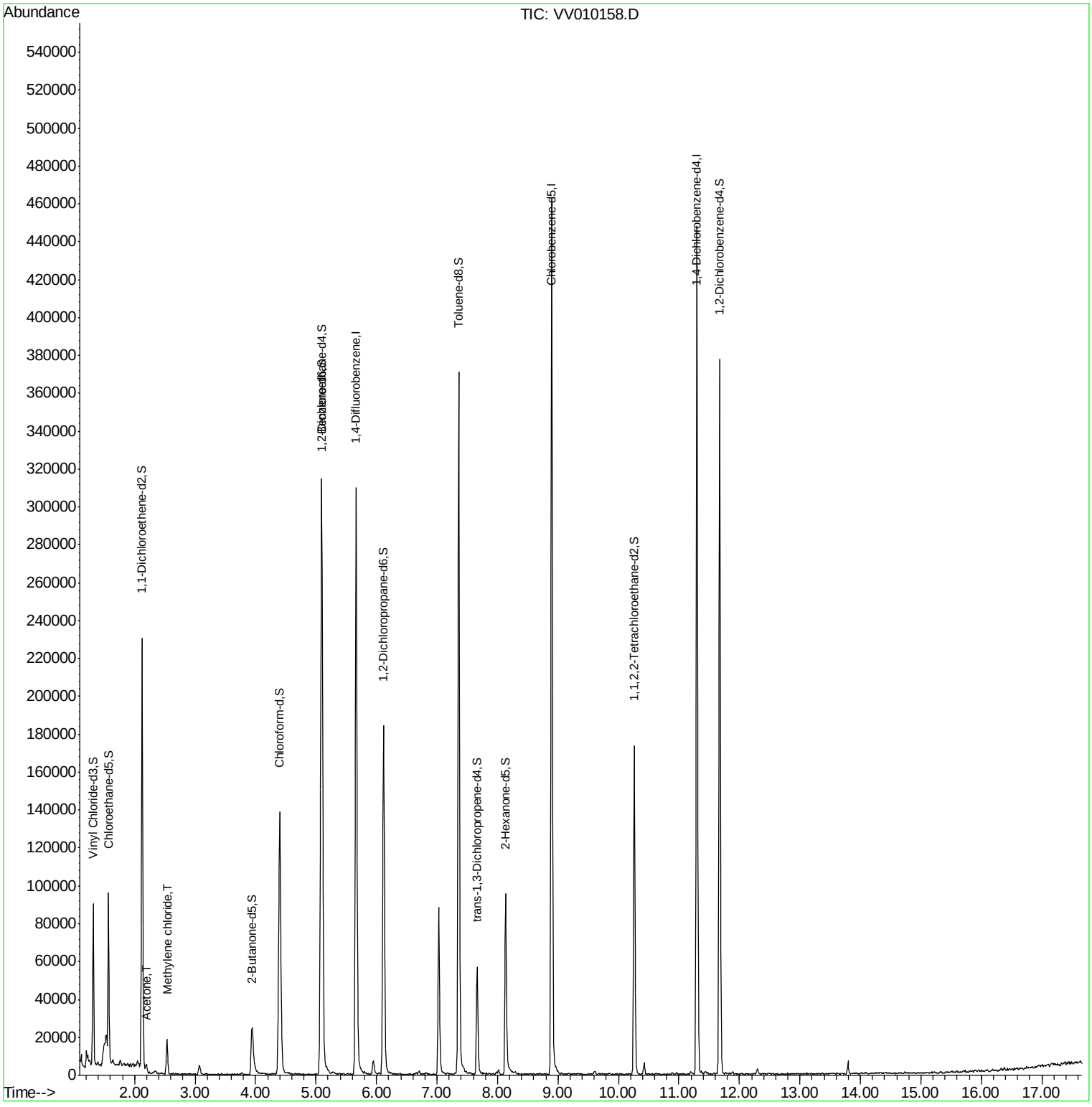
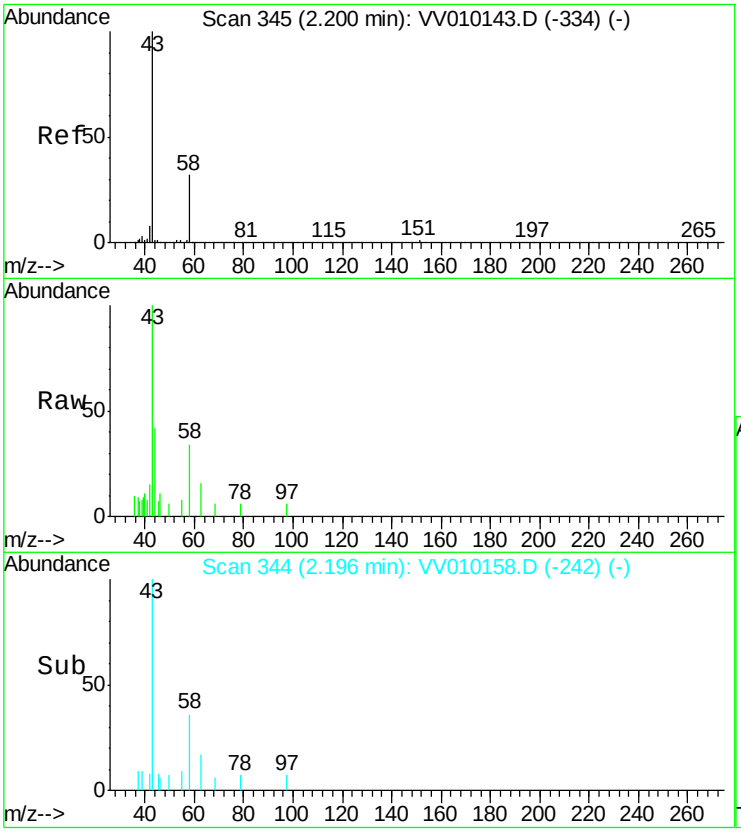


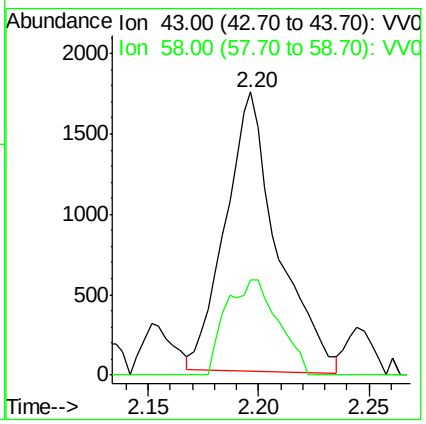


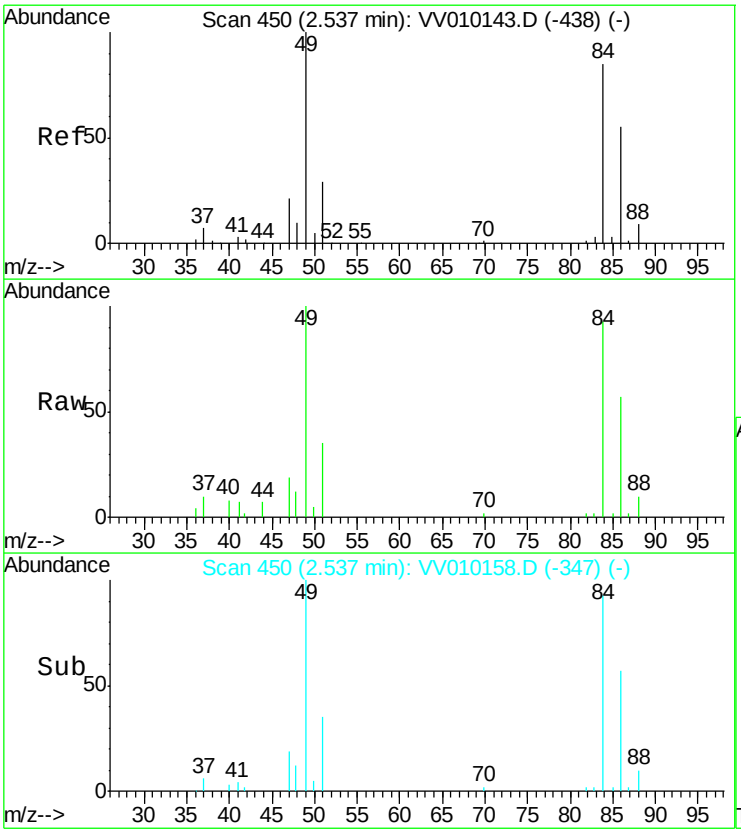
#13
Acetone
Concen: 2.784 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.00 min
Lab File: VV010158.D
Acq: 06 Apr 2019 17:20

Instrument : MSVOA_V
ClientSampleId : BF647

Tgt Ion: 43 Resp: 2839

Ion	Ratio	Lower	Upper
43	100		
58	23.6	0.0	64.6





#16
Methylene chloride
Concen: 1.589 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010158.D
Acq: 06 Apr 2019 17:20

Tgt Ion: 84 Resp: 7558

Ion	Ratio	Lower	Upper
84	100		
49	107.5	84.3	156.5
86	61.4	45.4	84.2