Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\
Data File : VV009648.D
Acq On : 13 Mar 2019 20:57
Operator : SY/MD
Sample : K1794-10
Misc : 4.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5P0

Quant Time: Mar 14 08:21:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105053	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86245	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28992	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22950	17.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.32%			
7) Chloroethane-d5	1.57	69	29085	17.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.20%			
10) 1,1-Dichloroethene-d2	2.13	63	51043	14.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.24%			
20) 2-Butanone-d5	3.96	46	2223	6.32	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 12.64%#			
24) Chloroform-d	4.40	84	58091	21.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.76%			
26) 1,2-Dichloroethane-d4	5.08	65	38873	25.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%			
29) Benzene-d6	5.10	84	115396	25.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.04%			
33) 1,2-Dichloropropane-d6	6.12	67	39744	30.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.28%#			
37) Toluene-d8	7.36	98	102493	23.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.64%			
38) trans-1,3-Dichloropropene-	7.67	79	3425	5.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 22.56%#			
39) 2-Hexanone-d5	8.13	63	1717	7.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 14.10%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29246	23.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.48%			
61) 1,2-Dichlorobenzene-d4	11.68	152	24095	21.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.84%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3596	8.478	ug/L	97
16) Methylene chloride	2.54	84	3945	2.580	ug/L	89

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

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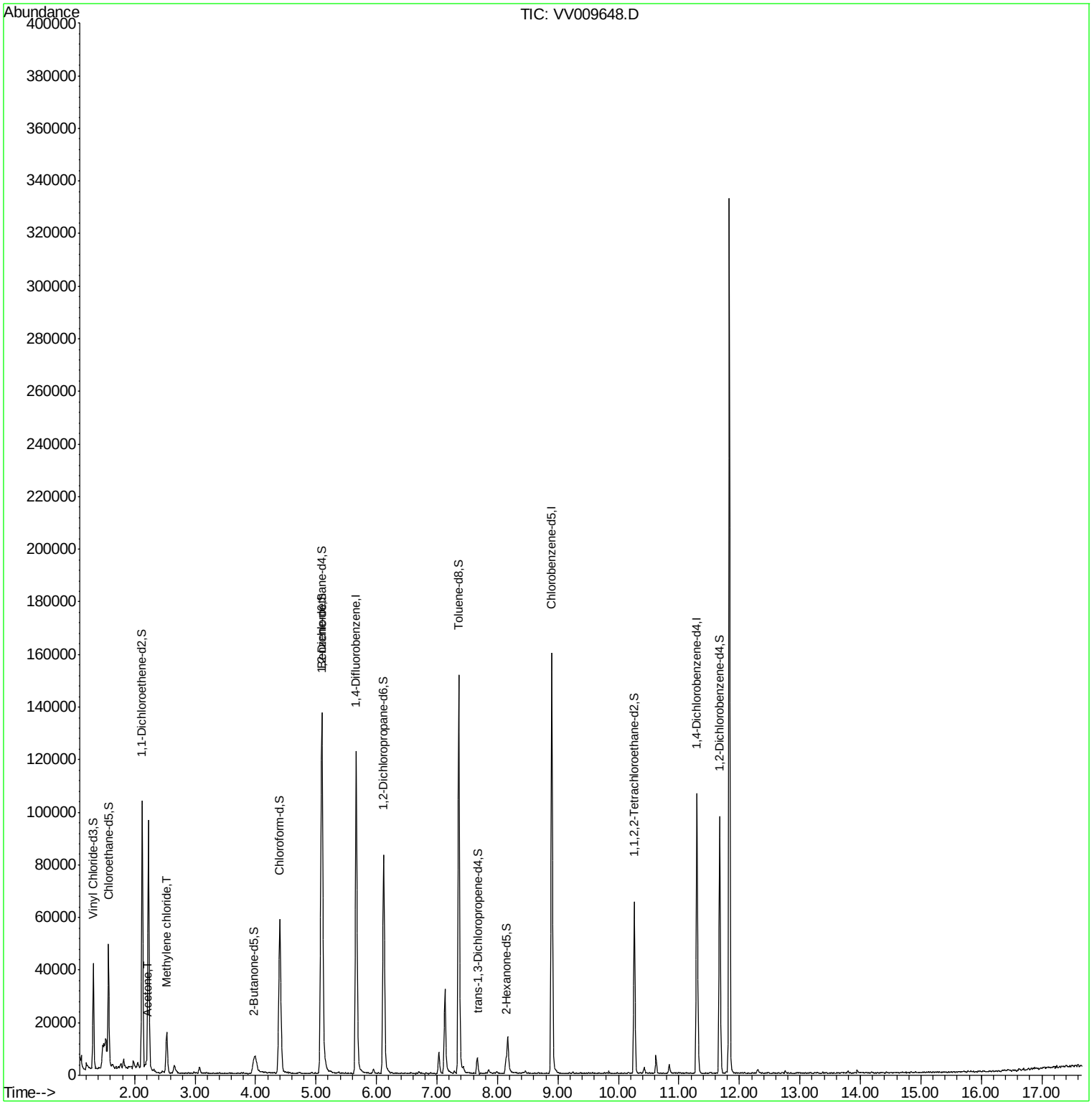
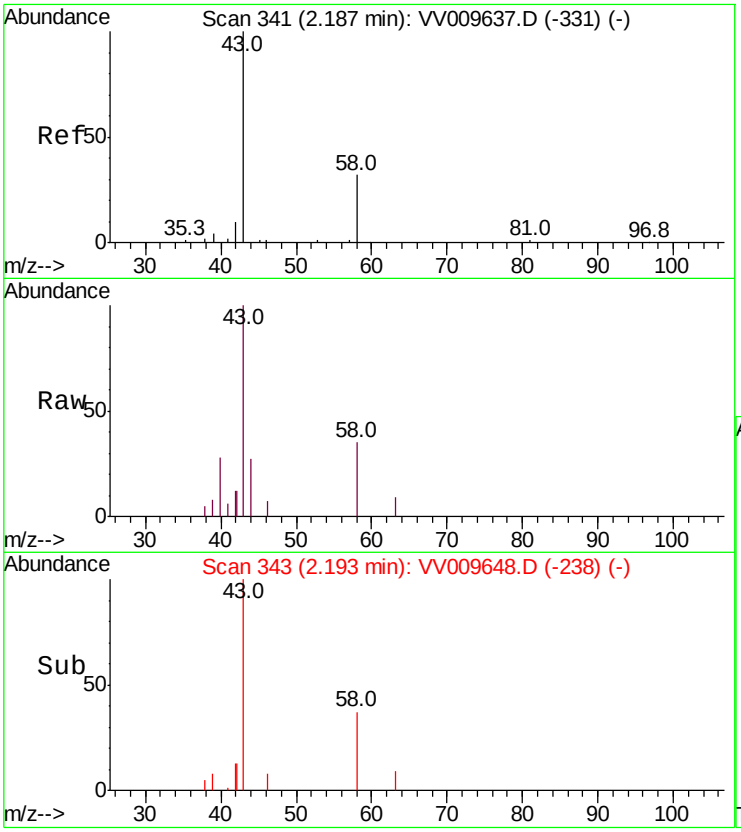


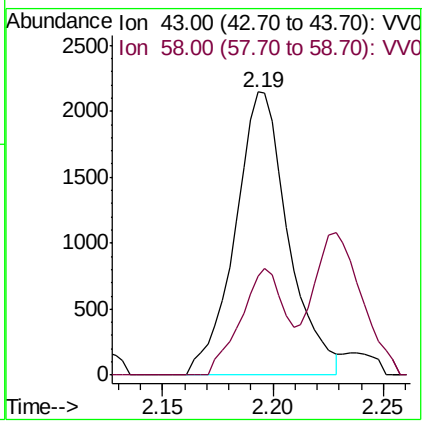


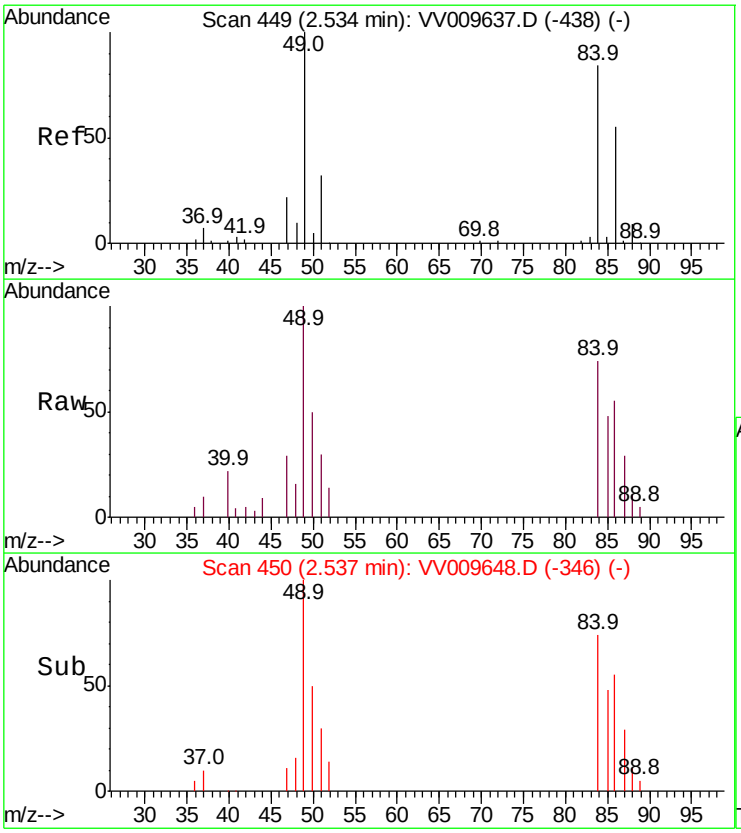
#13
Acetone
Concen: 8.478 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV009648.D
Acq: 13 Mar 2019 20:57

Instrument :
MSVOA_V
ClientSampleId :
BF5P0

Tgt Ion: 43 Resp: 3596

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	64.8





#16
Methylene chloride
Concen: 2.580 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009648.D
Acq: 13 Mar 2019 20:57

Tgt Ion: 84 Resp: 3945

Ion	Ratio	Lower	Upper
84	100		
49	135.3	86.1	159.9
86	74.5	45.2	84.0