Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\
Data File : VV009644.D
Acq On : 13 Mar 2019 19:11
Operator : SY/MD
Sample : K1794-05RE
Misc : 4.44G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5N5RE

Quant Time: Mar 14 08:08:13 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	5.66	114	106279	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85114	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23842	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20926	15.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.60%			
7) Chloroethane-d5	1.57	69	27787	16.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.28%			
10) 1,1-Dichloroethene-d2	2.13	63	49661	13.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.08%			
20) 2-Butanone-d5	3.95	46	2228	6.26	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 12.52%#			
24) Chloroform-d	4.40	84	67351	24.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.44%			
26) 1,2-Dichloroethane-d4	5.08	65	43081	28.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.40%			
29) Benzene-d6	5.10	84	122641	27.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.88%			
33) 1,2-Dichloropropane-d6	6.12	67	44708	34.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 137.08%#			
37) Toluene-d8	7.36	98	107037	24.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.12%			
38) trans-1,3-Dichloropropene-	7.67	79	4222	7.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 28.16%#			
39) 2-Hexanone-d5	8.13	63	1769	7.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 14.72%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31414	25.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.72%			
61) 1,2-Dichlorobenzene-d4	11.68	152	22364	24.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	4603	10.727	ug/L	97
16) Methylene chloride	2.53	84	3008	1.944	ug/L	99

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

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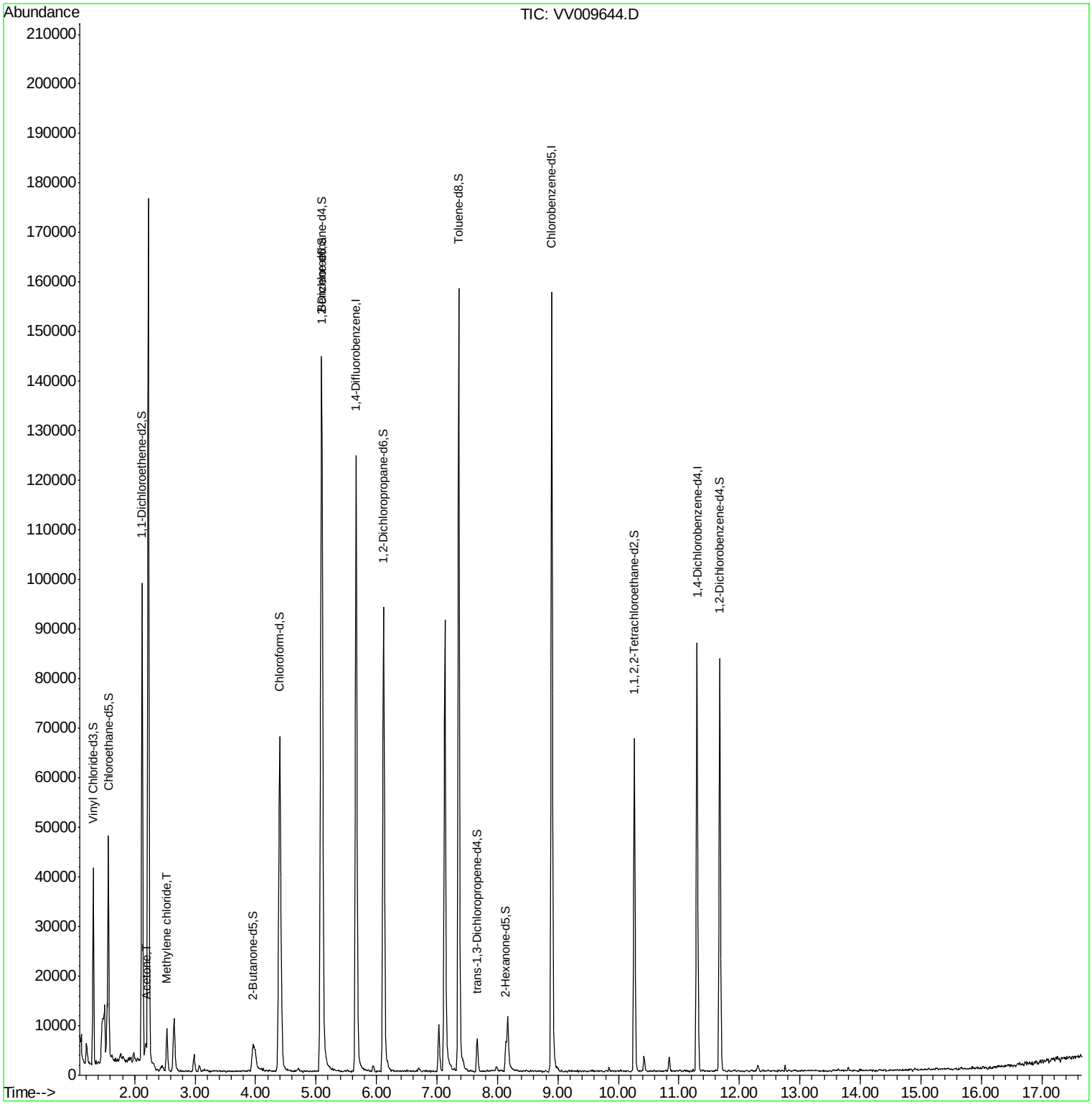
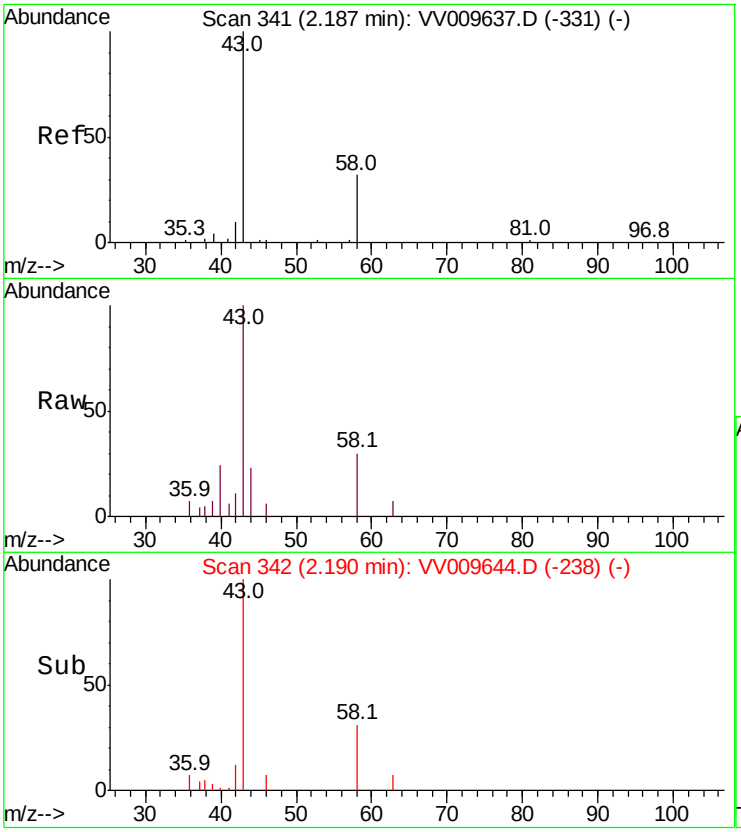


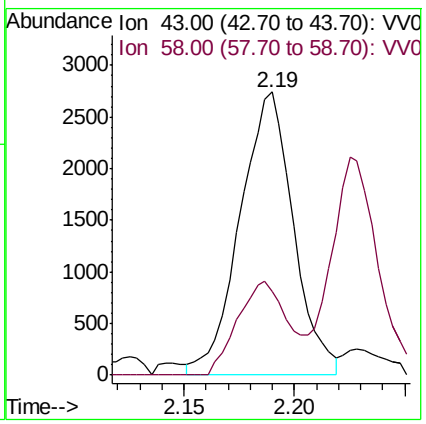


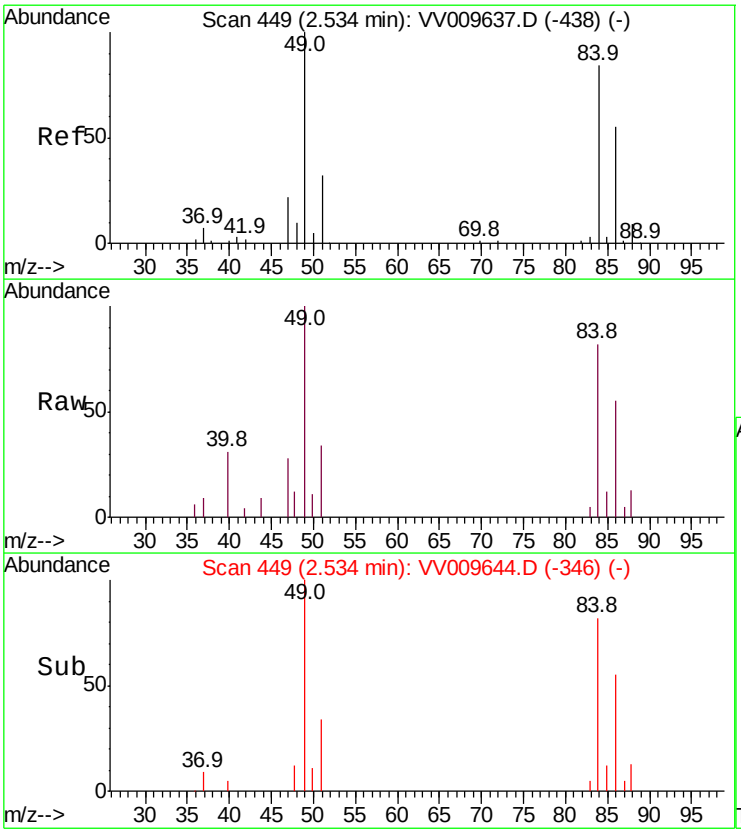
#13
Acetone
Concen: 10.727 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

Instrument :
MSVOA_V
ClientSampleId :
BF5N5RE

Tgt Ion: 43 Resp: 4603

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	64.8





#16
Methylene chloride
Concen: 1.944 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

Tgt Ion: 84 Resp: 3008

Ion	Ratio	Lower	Upper
84	100		
49	122.6	86.1	159.9
86	67.1	45.2	84.0