Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010200.D
Acq On : 09 Apr 2019 03:15
Operator : SY/MD
Sample : K2254-14
Misc : 4.91G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC37

Quant Time: Apr 09 08:37:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	274374	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	256203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107494	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	54417	14.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.28%			
7) Chloroethane-d5	1.56	69	61824	13.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.20%			
10) 1,1-Dichloroethene-d2	2.12	63	77859	8.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 33.60%#			
20) 2-Butanone-d5	3.93	46	30805	29.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.94%			
24) Chloroform-d	4.39	84	132366	19.15	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.60%			
26) 1,2-Dichloroethane-d4	5.08	65	83037	21.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.88%			
29) Benzene-d6	5.09	84	276179	20.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.16%			
33) 1,2-Dichloropropane-d6	6.12	67	86318	22.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.04%			
37) Toluene-d8	7.36	98	265042	20.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.80%			
38) trans-1,3-Dichloropropene-	7.66	79	29927	17.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.40%			
39) 2-Hexanone-d5	8.13	63	23248	29.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69513	17.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 71.92%			
61) 1,2-Dichlorobenzene-d4	11.68	152	93209	22.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.04%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2456	2.377	ug/L	69
16) Methylene chloride	2.53	84	18498	3.837	ug/L	95

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

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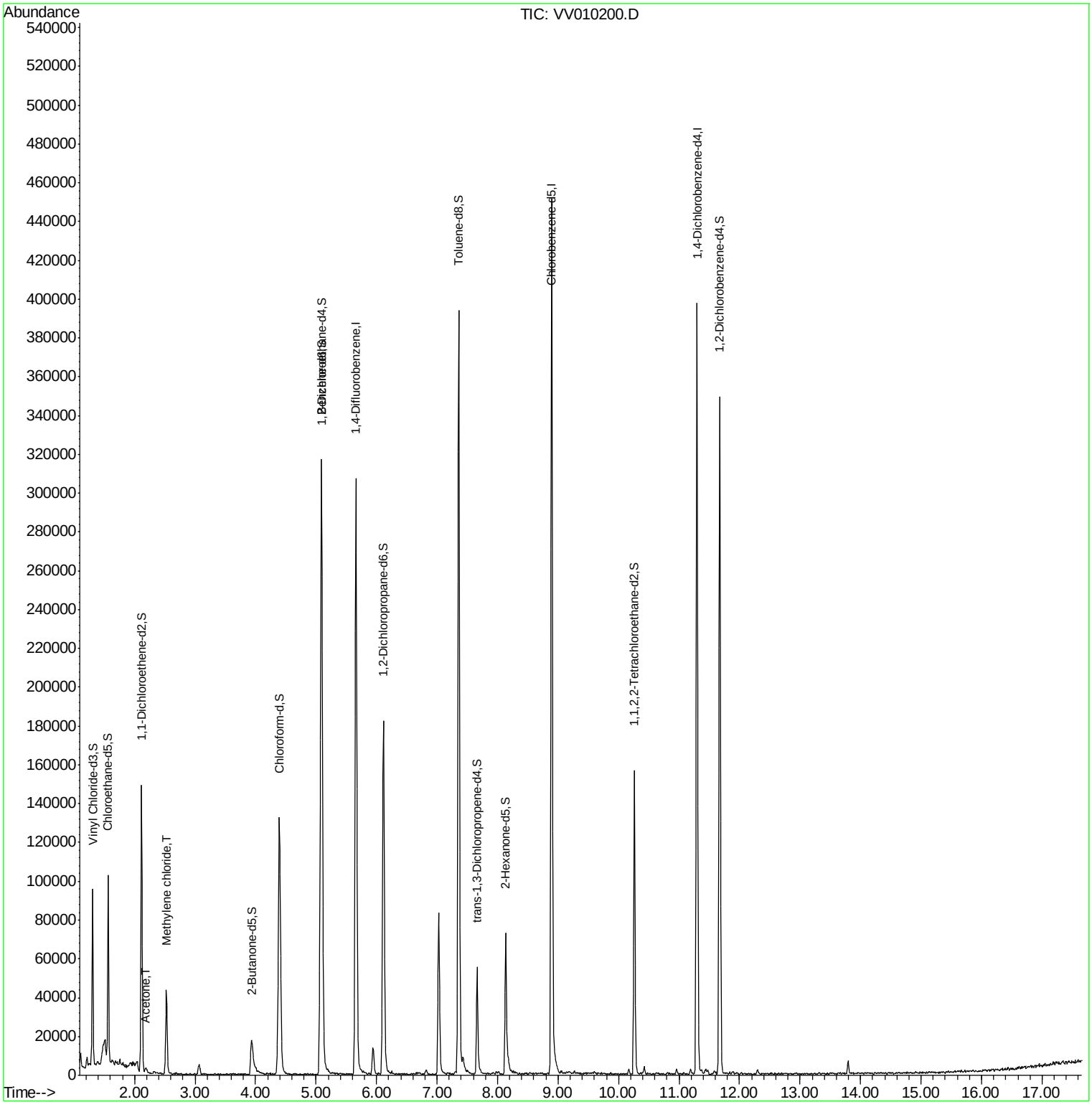
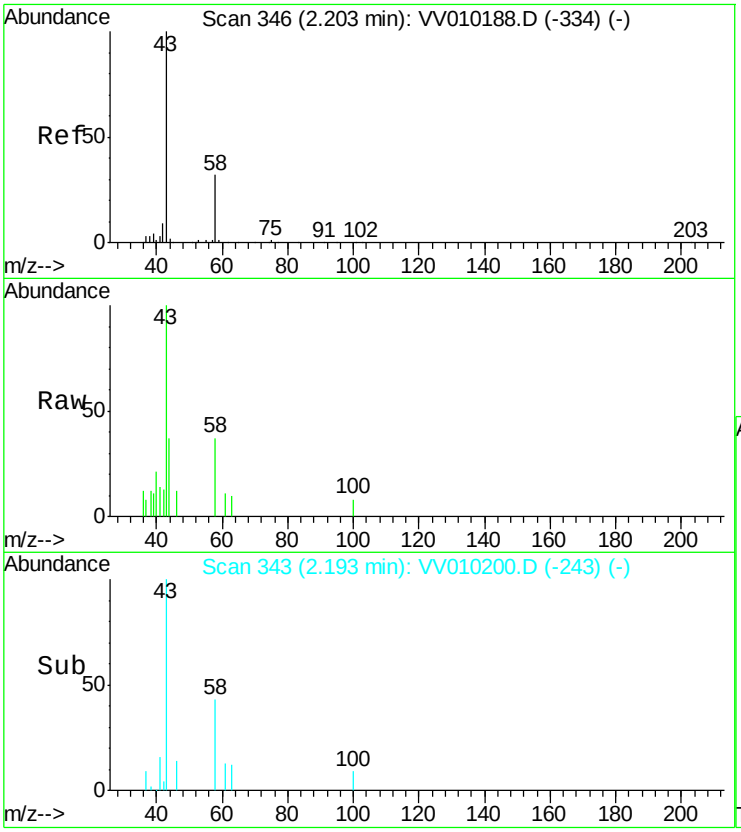


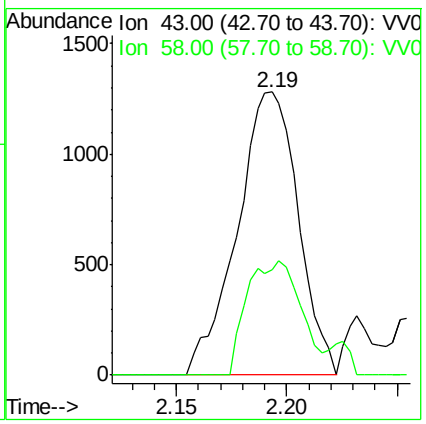


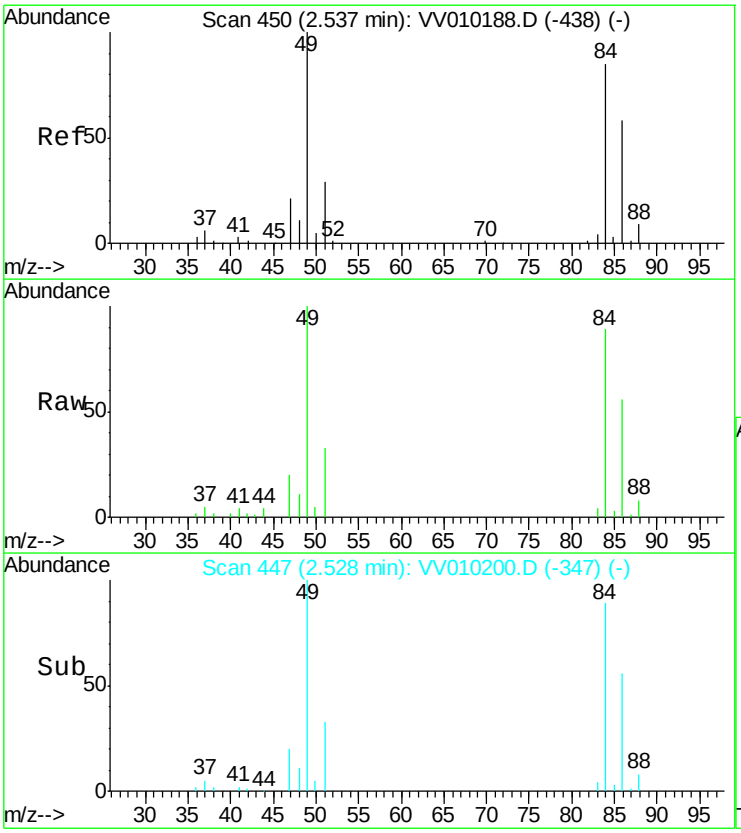
#13
Acetone
Concen: 2.377 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.01 min
Lab File: VV010200.D
Acq: 09 Apr 2019 03:15

Instrument : MSVOA_V
ClientSampleId : BFC37

Tgt Ion: 43 Resp: 2456

Ion	Ratio	Lower	Upper
43	100		
58	14.8	0.0	64.6





#16
Methylene chloride
Concen: 3.837 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010200.D
Acq: 09 Apr 2019 03:15

Tgt Ion: 84 Resp: 18498

Ion	Ratio	Lower	Upper
84	100		
49	112.6	84.3	156.5
86	63.5	45.4	84.2