Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (LSC Reviewed)

Data File : VV010012.D
Acq On : 29 Mar 2019 19:58
Operator : SY/MD
Sample : K2167-06
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF1J6

Quant Time: Mar 30 05:17:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166344	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66731	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66918	19.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.28%			
7) Chloroethane-d5	1.57	69	76117	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.52%			
10) 1,1-Dichloroethene-d2	2.13	63	153328	16.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.44%			
20) 2-Butanone-d5	3.93	46	26661	42.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.76%			
24) Chloroform-d	4.40	84	73986	17.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 69.84%			
26) 1,2-Dichloroethane-d4	5.08	65	58827	23.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.28%			
29) Benzene-d6	5.10	84	192123	22.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.48%			
33) 1,2-Dichloropropane-d6	6.12	67	59494	23.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.76%			
37) Toluene-d8	7.36	98	168748	20.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.96%			
38) trans-1,3-Dichloropropene-	7.66	79	19451	19.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.56%			
39) 2-Hexanone-d5	8.13	63	19289	41.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.18%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48361	19.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.64%			
61) 1,2-Dichlorobenzene-d4	11.68	152	56933	22.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.64%			
Target Compounds						Qvalue
13) Acetone	2.19	43	17531	18.408	ug/L	94
16) Methylene chloride	2.54	84	5875	2.145	ug/L	96

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

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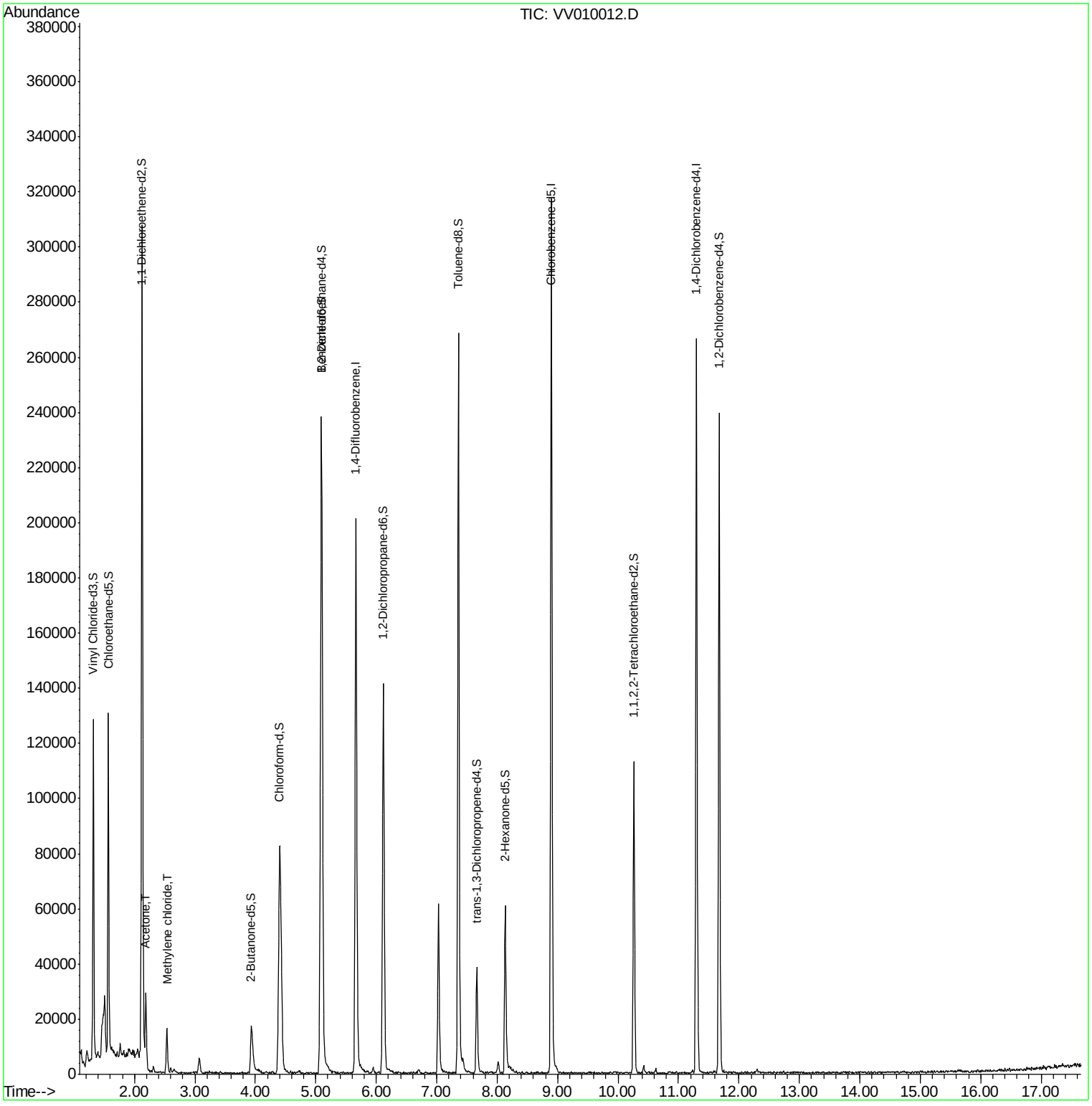
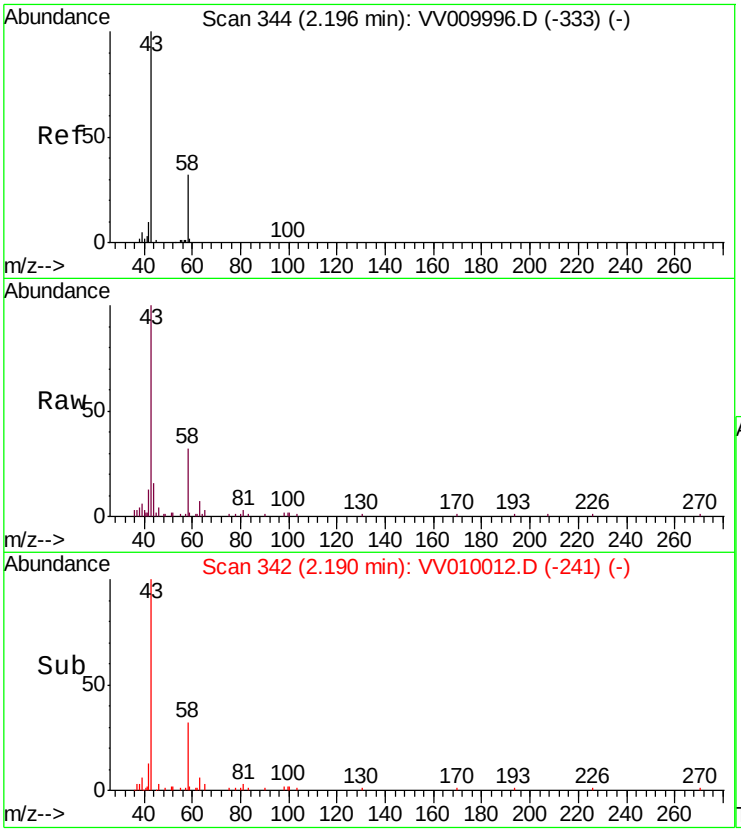
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration



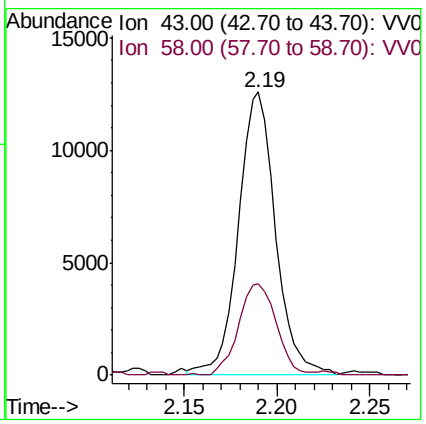


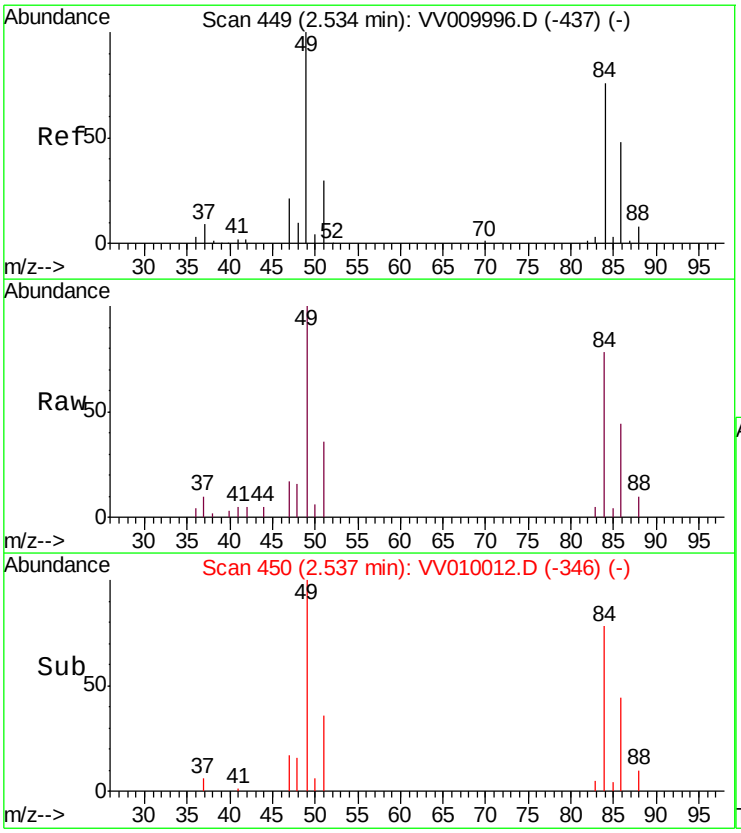
#13
Acetone
Concen: 18.408 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010012.D
Acq: 29 Mar 2019 19:58

Instrument :
MSVOA_V
ClientSampleId :
BF1J6

Tgt Ion: 43 Resp: 17531

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	59.4





#16
Methylene chloride
Concen: 2.145 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010012.D
Acq: 29 Mar 2019 19:58

Tgt Ion: 84 Resp: 5875

Ion	Ratio	Lower	Upper
84	100		
49	127.9	90.4	167.8
86	55.9	44.0	81.6