Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009971.D
Acq On : 28 Mar 2019 17:38
Operator : SY/MD
Sample : K2085-02
Misc : 5.59G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7W9

Quant Time: Mar 29 03:53:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	120256	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48604	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	51894	21.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.08%			
7) Chloroethane-d5	1.58	69	61041	23.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.64%			
10) 1,1-Dichloroethene-d2	2.13	63	119913	17.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.84%			
20) 2-Butanone-d5	3.93	46	23944	52.65	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.30%			
24) Chloroform-d	4.40	84	71714	23.41	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.64%			
26) 1,2-Dichloroethane-d4	5.08	65	49974	27.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.40%			
29) Benzene-d6	5.10	84	154696	24.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.04%			
33) 1,2-Dichloropropane-d6	6.12	67	50189	27.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.72%			
37) Toluene-d8	7.36	98	140105	23.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.80%			
38) trans-1,3-Dichloropropene-	7.66	79	16001	21.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.72%			
39) 2-Hexanone-d5	8.13	63	16416	47.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.24%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43364	23.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.88%			
61) 1,2-Dichlorobenzene-d4	11.68	152	48736	26.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.36%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3380	4.909	ug/L	88
16) Methylene chloride	2.54	84	8683	4.385	ug/L	88

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

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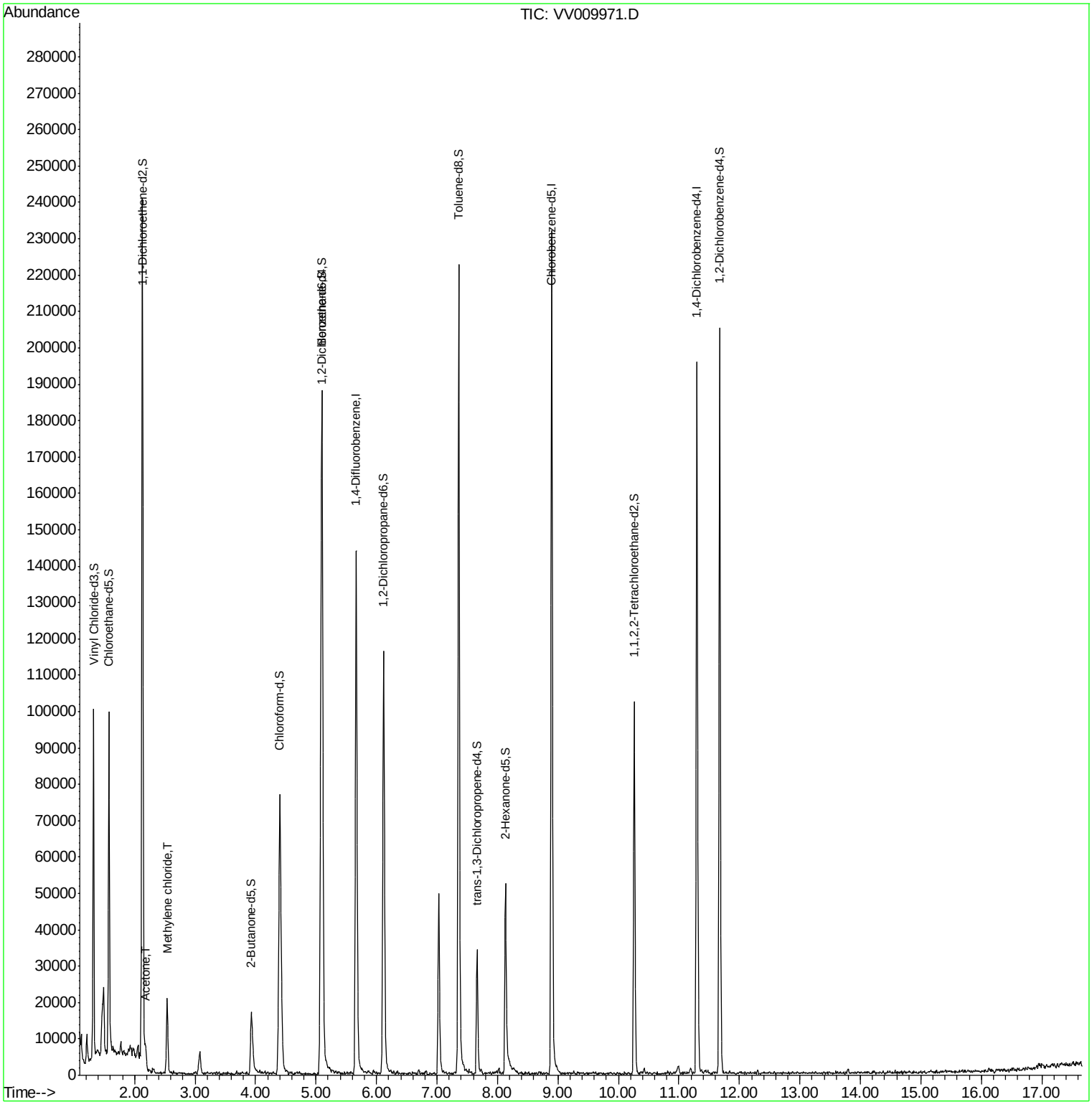
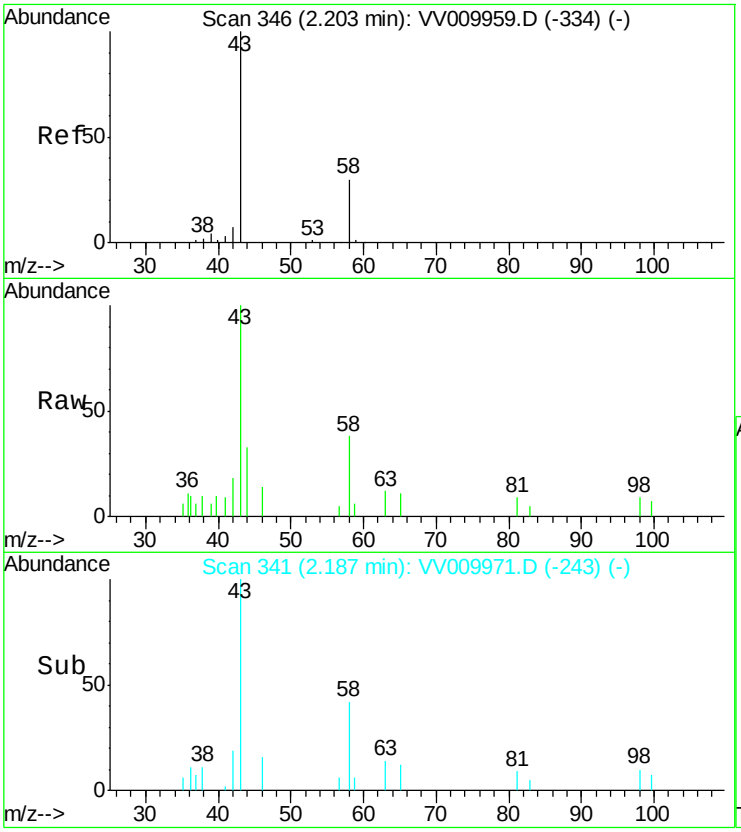


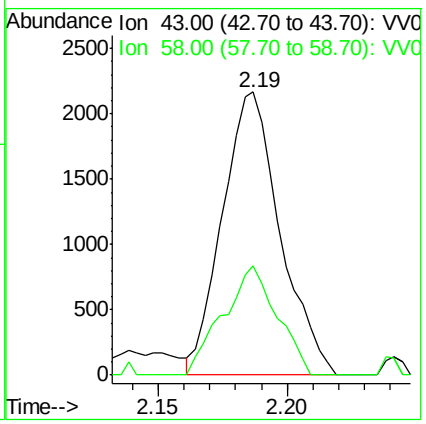


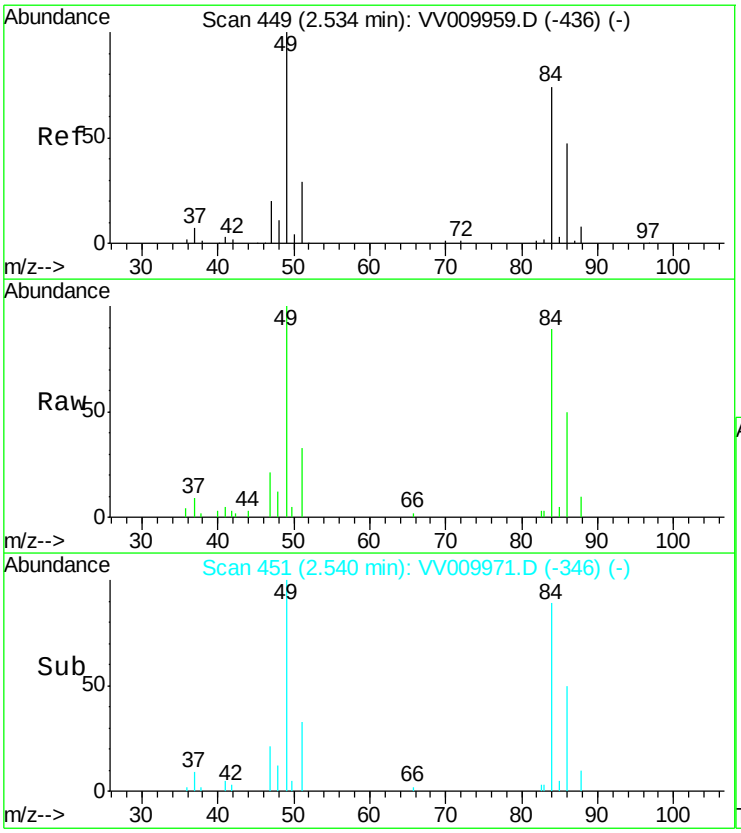
#13
Acetone
Concen: 4.909 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV009971.D
Acq: 28 Mar 2019 17:38

Instrument :
MSVOA_V
ClientSampleId :
BF7W9

Tgt Ion: 43 Resp: 3380

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	59.4





#16
Methylene chloride
Concen: 4.385 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009971.D
Acq: 28 Mar 2019 17:38

Tgt Ion: 84 Resp: 8683

Ion	Ratio	Lower	Upper
84	100		
49	112.6	90.4	167.8
86	56.1	44.0	81.6