Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052219\
Data File : VV011017.D
Acq On : 22 May 2019 14:44
Operator : SY/MD
Sample : K3006-01
Misc : 3.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH86

Quant Time: May 23 08:55:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	146391	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46006	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26017	15.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.36%			
7) Chloroethane-d5	1.58	69	21527	19.05	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.20%			
10) 1,1-Dichloroethene-d2	2.13	63	41165	12.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.32%			
20) 2-Butanone-d5	3.94	46	15956	27.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 55.42%			
24) Chloroform-d	4.40	84	78363	20.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.64%			
26) 1,2-Dichloroethane-d4	5.08	65	38654	17.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 69.20%#			
29) Benzene-d6	5.10	84	153318	21.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.20%			
33) 1,2-Dichloropropane-d6	6.12	67	51646	22.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.32%			
37) Toluene-d8	7.36	98	136774	20.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.76%			
38) trans-1,3-Dichloropropene-	7.66	79	15192	16.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 64.72%			
39) 2-Hexanone-d5	8.13	63	13308	31.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.40%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37289	16.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 65.32%			
61) 1,2-Dichlorobenzene-d4	11.67	152	42567	22.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.16%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3416	6.151	ug/L	99
16) Methylene chloride	2.53	84	5038	2.005	ug/L	95

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

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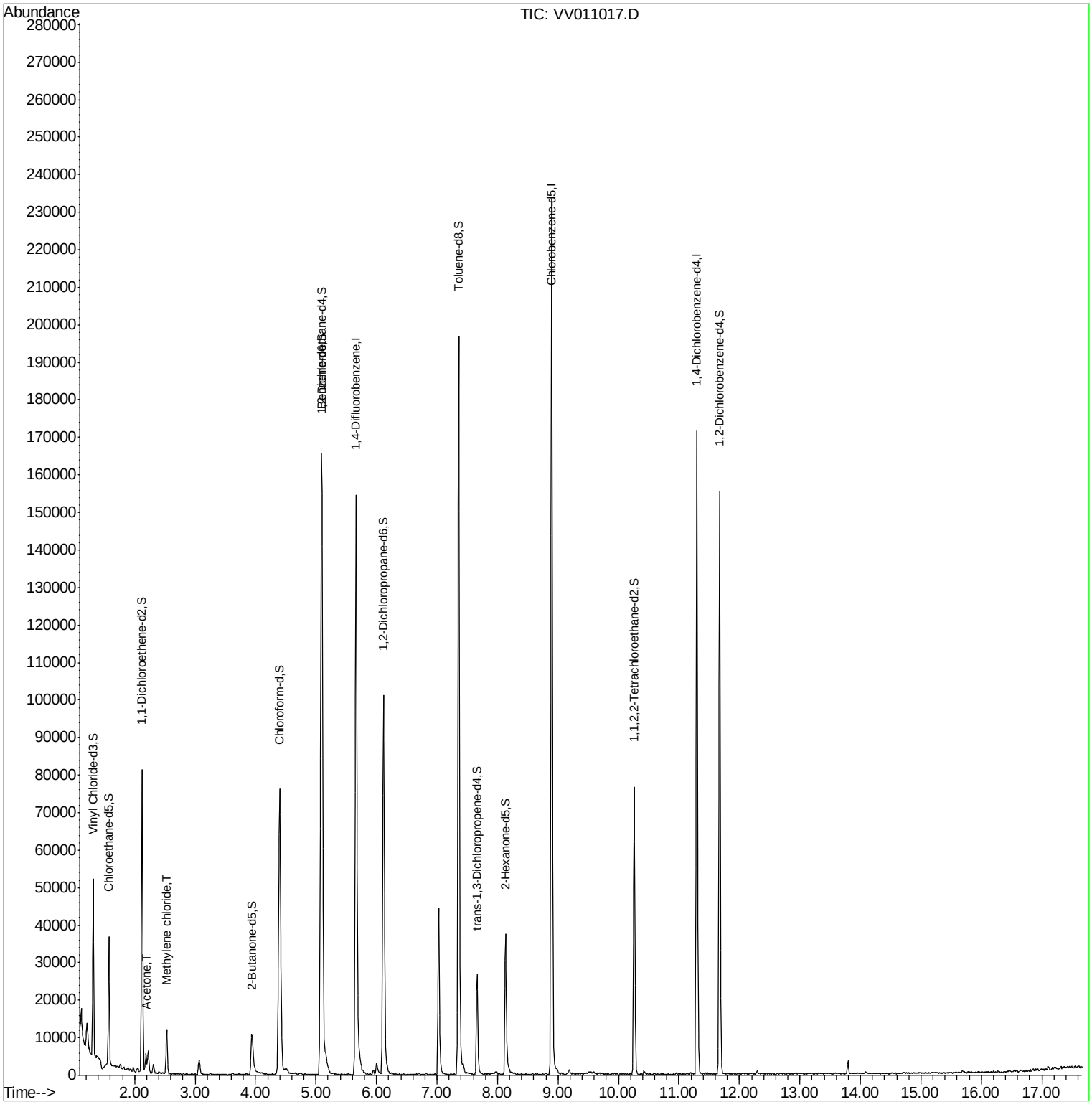
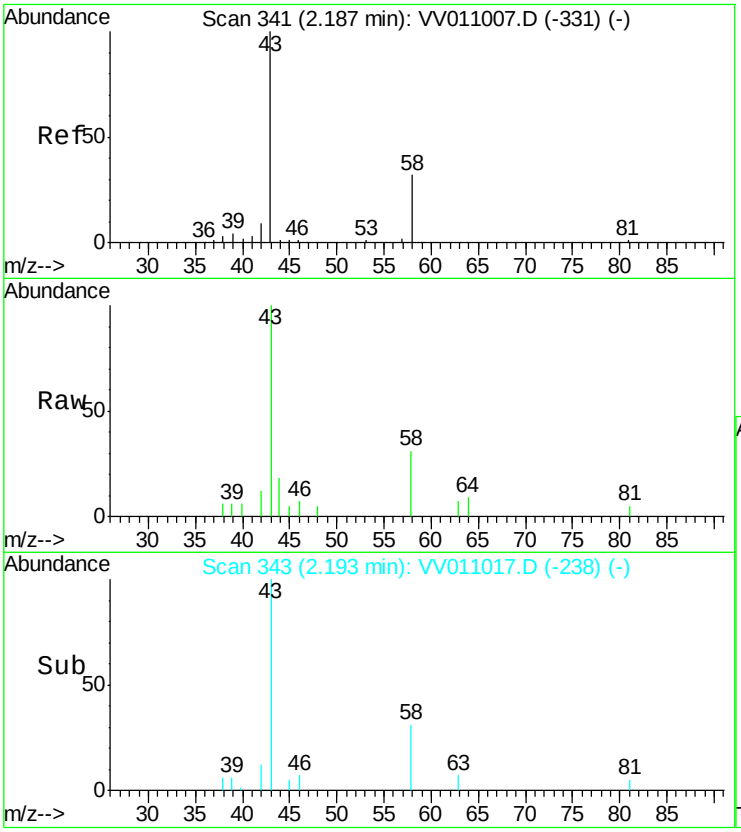


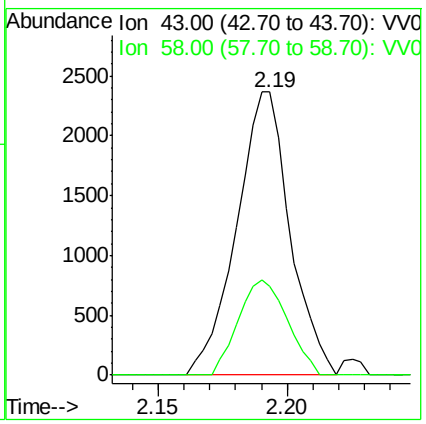


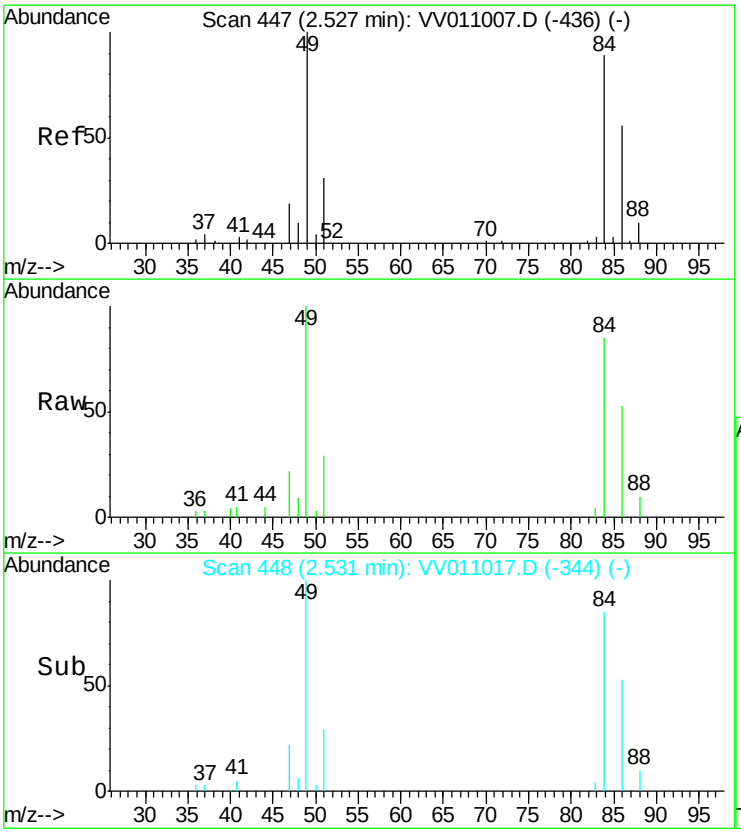
#13
Acetone
Concen: 6.151 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV011017.D
Acq: 22 May 2019 14:44

Instrument :
MSVOA_V
ClientSampleId :
BFH86

Tgt Ion: 43 Resp: 3416

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	60.8





#16
Methylene chloride
Concen: 2.005 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011017.D
Acq: 22 May 2019 14:44

Tgt Ion: 84 Resp: 5038

Ion	Ratio	Lower	Upper
84	100		
49	118.1	77.4	143.8
86	62.7	44.0	81.6