Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010237.D
Acq On : 11 Apr 2019 12:18
Operator : SY/MD
Sample : K2304-04
Misc : 5.72G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF889

Quant Time: Apr 14 21:12:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:24:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	255127	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105080	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54373	18.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.04%			
7) Chloroethane-d5	1.58	69	53300	21.12	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.48%			
10) 1,1-Dichloroethene-d2	2.13	63	110235	14.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.00%			
20) 2-Butanone-d5	3.93	46	30201	40.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.28%			
24) Chloroform-d	4.40	84	116280	19.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.84%			
26) 1,2-Dichloroethane-d4	5.08	65	70128	21.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.52%			
29) Benzene-d6	5.10	84	258291	22.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.36%			
33) 1,2-Dichloropropane-d6	6.12	67	76742	22.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.24%			
37) Toluene-d8	7.36	98	243255	21.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.28%			
38) trans-1,3-Dichloropropene-	7.66	79	28485	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.44%			
39) 2-Hexanone-d5	8.13	63	19777	33.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.58%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	64785	20.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.96%			
61) 1,2-Dichlorobenzene-d4	11.68	152	91140	23.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.96%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2654	3.342	ug/L	95
16) Methylene chloride	2.54	84	8366	1.674	ug/L	90

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

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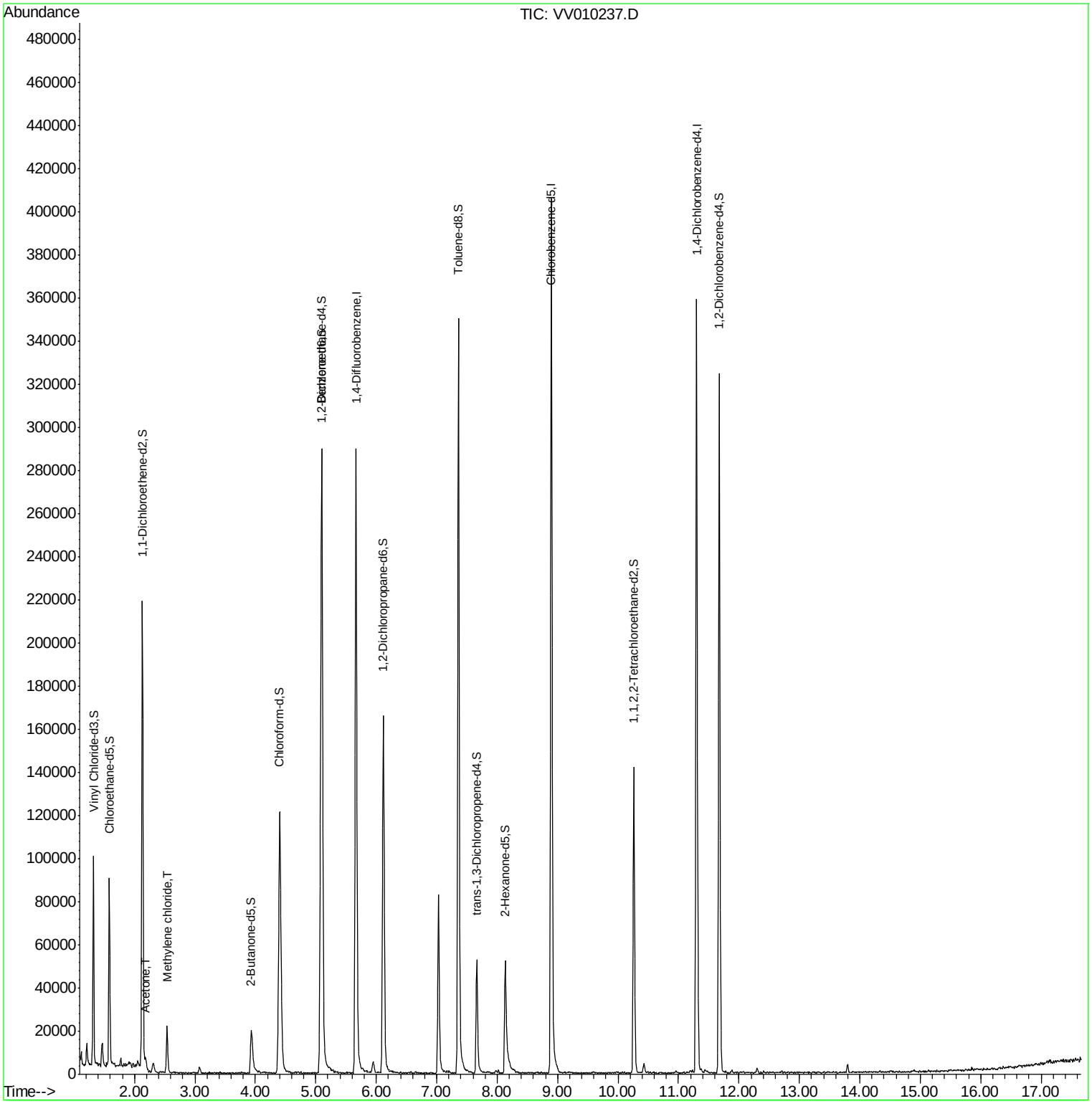
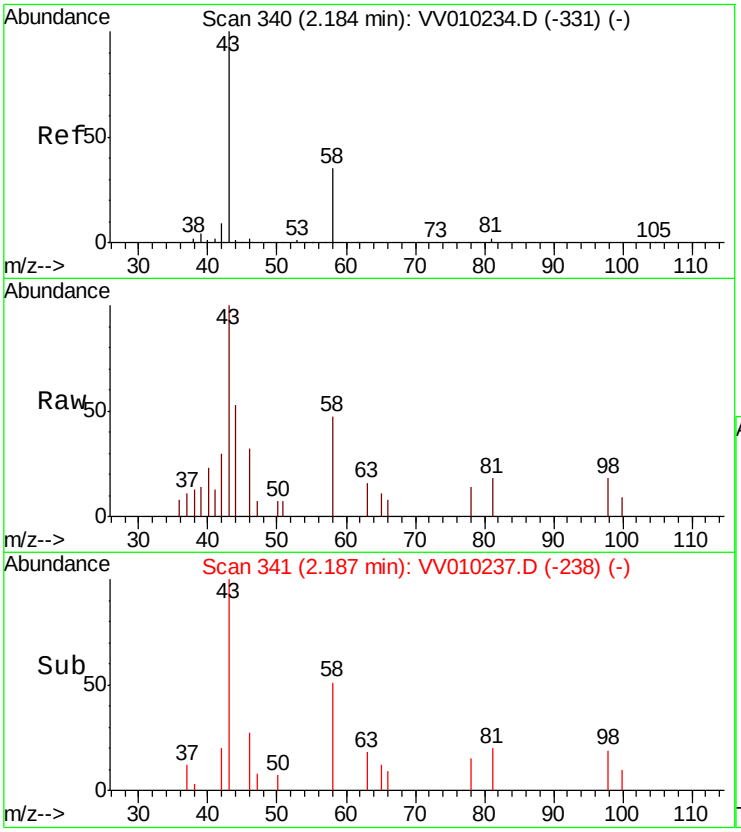


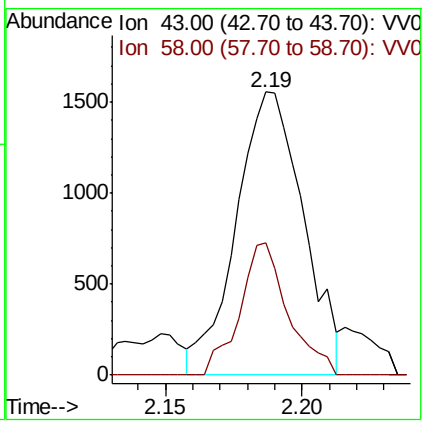


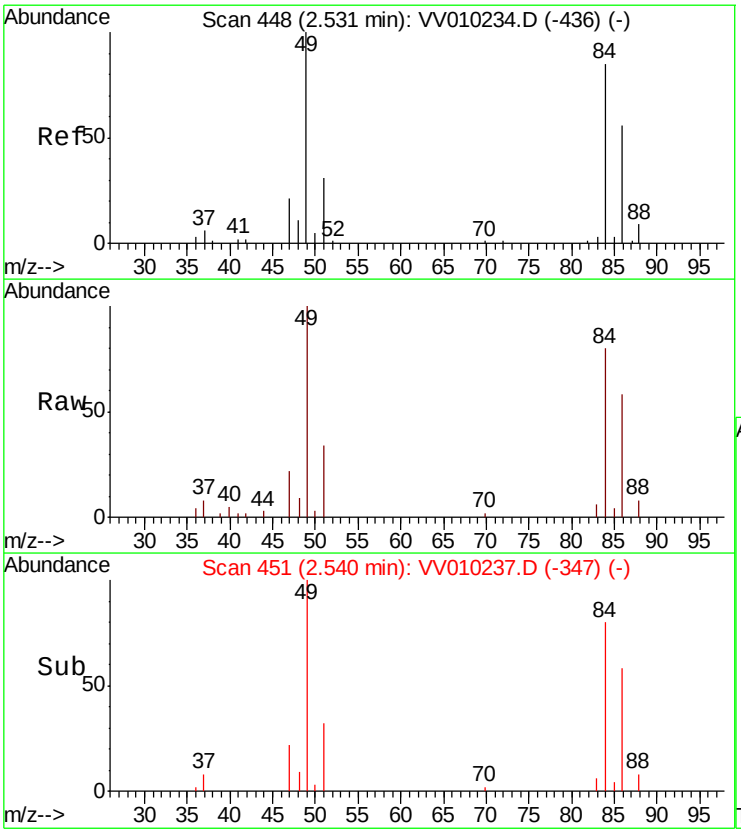
#13
Acetone
Concen: 3.342 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010237.D
Acq: 11 Apr 2019 12:18

Instrument :
MSVOA_V
ClientSampleId :
BF889

Tgt Ion: 43 Resp: 2654

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	61.6





#16
Methylene chloride
Concen: 1.674 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010237.D
Acq: 11 Apr 2019 12:18

Tgt Ion: 84 Resp: 8366

Ion	Ratio	Lower	Upper
84	100		
49	124.7	79.9	148.5
86	72.3	44.5	82.7