Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010199.D
Acq On : 09 Apr 2019 02:49
Operator : SY/MD
Sample : K2254-13
Misc : 5.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC33

Quant Time: Apr 09 08:34:50 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	281869	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	260128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104363	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	57929	15.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.40%			
7) Chloroethane-d5	1.56	69	86521	18.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.84%			
10) 1,1-Dichloroethene-d2	2.12	63	83864	8.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 35.24%#			
20) 2-Butanone-d5	3.93	46	41529	38.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.36%			
24) Chloroform-d	4.39	84	134821	18.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 75.96%			
26) 1,2-Dichloroethane-d4	5.08	65	85146	21.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.72%			
29) Benzene-d6	5.09	84	275980	20.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.84%			
33) 1,2-Dichloropropane-d6	6.11	67	85569	21.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.96%			
37) Toluene-d8	7.36	98	271013	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.40%			
38) trans-1,3-Dichloropropene-	7.66	79	30630	18.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.00%			
39) 2-Hexanone-d5	8.13	63	29248	36.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.26%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73735	18.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.12%			
61) 1,2-Dichlorobenzene-d4	11.67	152	90940	22.37	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.48%			
Target Compounds						Qvalue
13) Acetone	2.19	43	7665	7.220	ug/L	99
16) Methylene chloride	2.53	84	19197	3.876	ug/L	90

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

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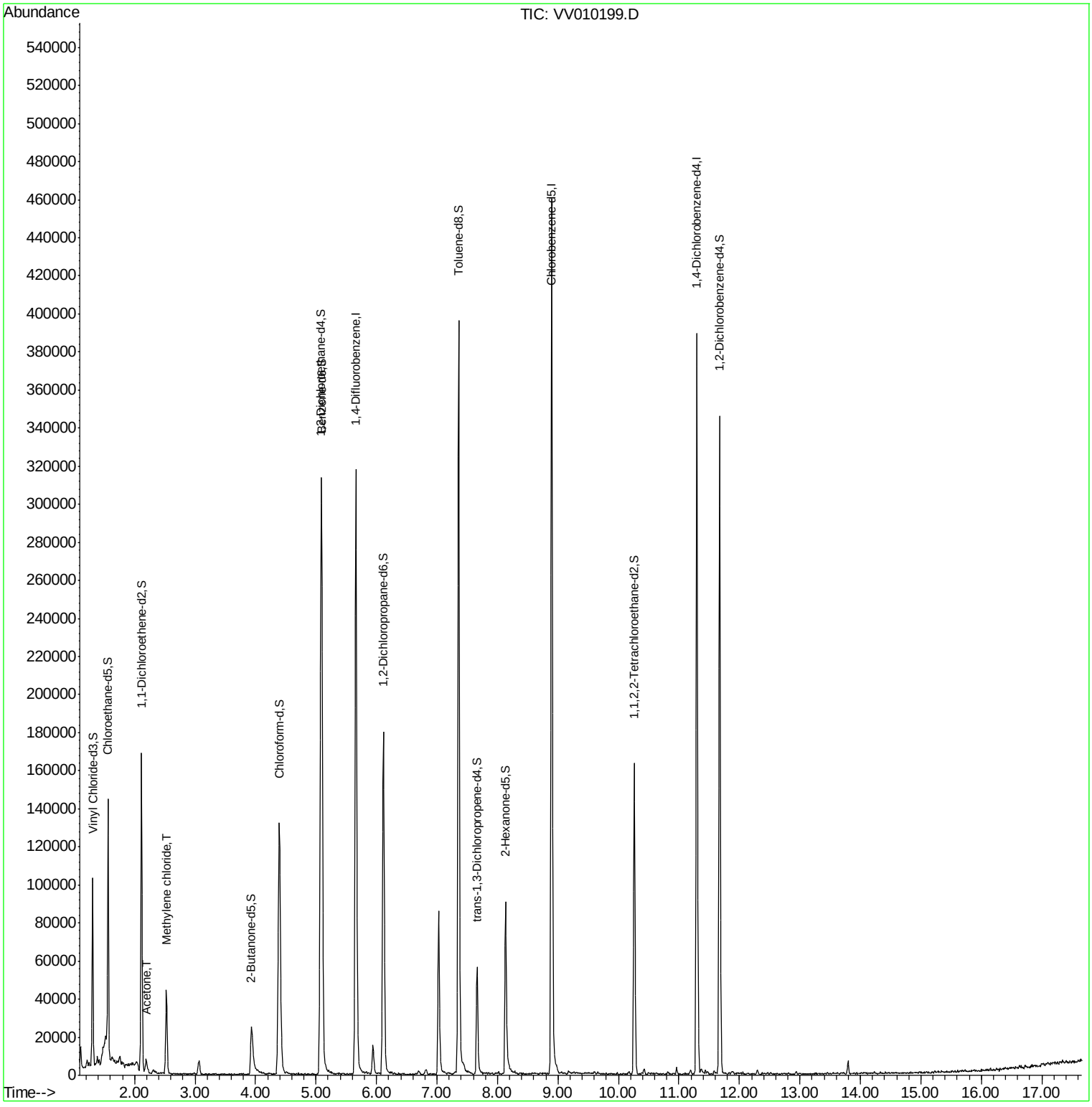
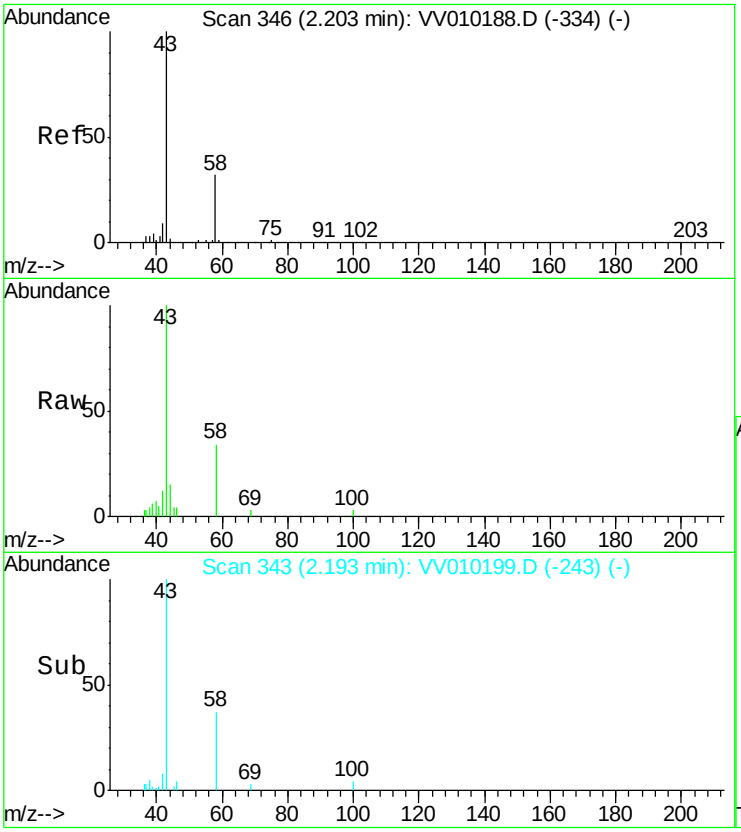


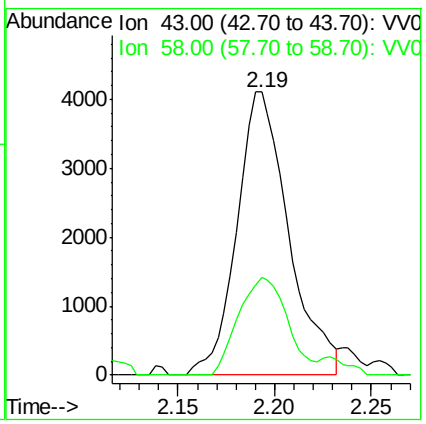


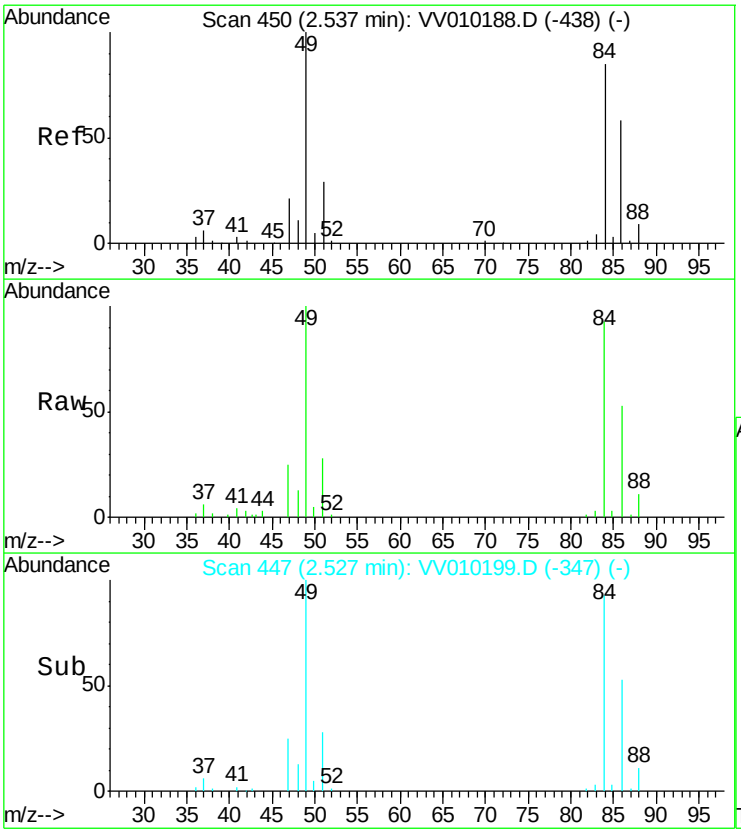
#13
Acetone
Concen: 7.220 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.01 min
Lab File: VV010199.D
Acq: 09 Apr 2019 02:49

Instrument :
MSVOA_V
ClientSampleId :
BFC33

Tgt Ion: 43 Resp: 7665

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	64.6





#16
Methylene chloride
Concen: 3.876 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010199.D
Acq: 09 Apr 2019 02:49

Tgt Ion: 84 Resp: 19197

Ion	Ratio	Lower	Upper
84	100		
49	108.1	84.3	156.5
86	57.4	45.4	84.2