Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041619\
Data File : VV010336.D
Acq On : 16 Apr 2019 16:38
Operator : SY/MD
Sample : K2402-13
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Quant Time: Apr 16 23:28:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 23:09:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	68620	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	69068	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	22549	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	11459	14.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.04%			
7) Chloroethane-d5	1.59	69	11994	17.67	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.68%			
10) 1,1-Dichloroethene-d2	2.13	63	24800	12.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.32%			
20) 2-Butanone-d5	3.95	46	10091	50.48	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.96%			
24) Chloroform-d	4.41	84	32679	20.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.08	65	21819	24.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.80%			
29) Benzene-d6	5.10	84	56562	16.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 67.92%			
33) 1,2-Dichloropropane-d6	6.12	67	18968	19.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 76.60%			
37) Toluene-d8	7.36	98	51199	15.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 63.04%			
38) trans-1,3-Dichloropropene-	7.67	79	7240	17.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.12%			
39) 2-Hexanone-d5	8.14	63	4914	28.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.44%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	20647	23.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.88%			
61) 1,2-Dichlorobenzene-d4	11.68	152	17060	20.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.96%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3443	16.121	ug/L	95
16) Methylene chloride	2.54	84	4382	3.261	ug/L	94

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

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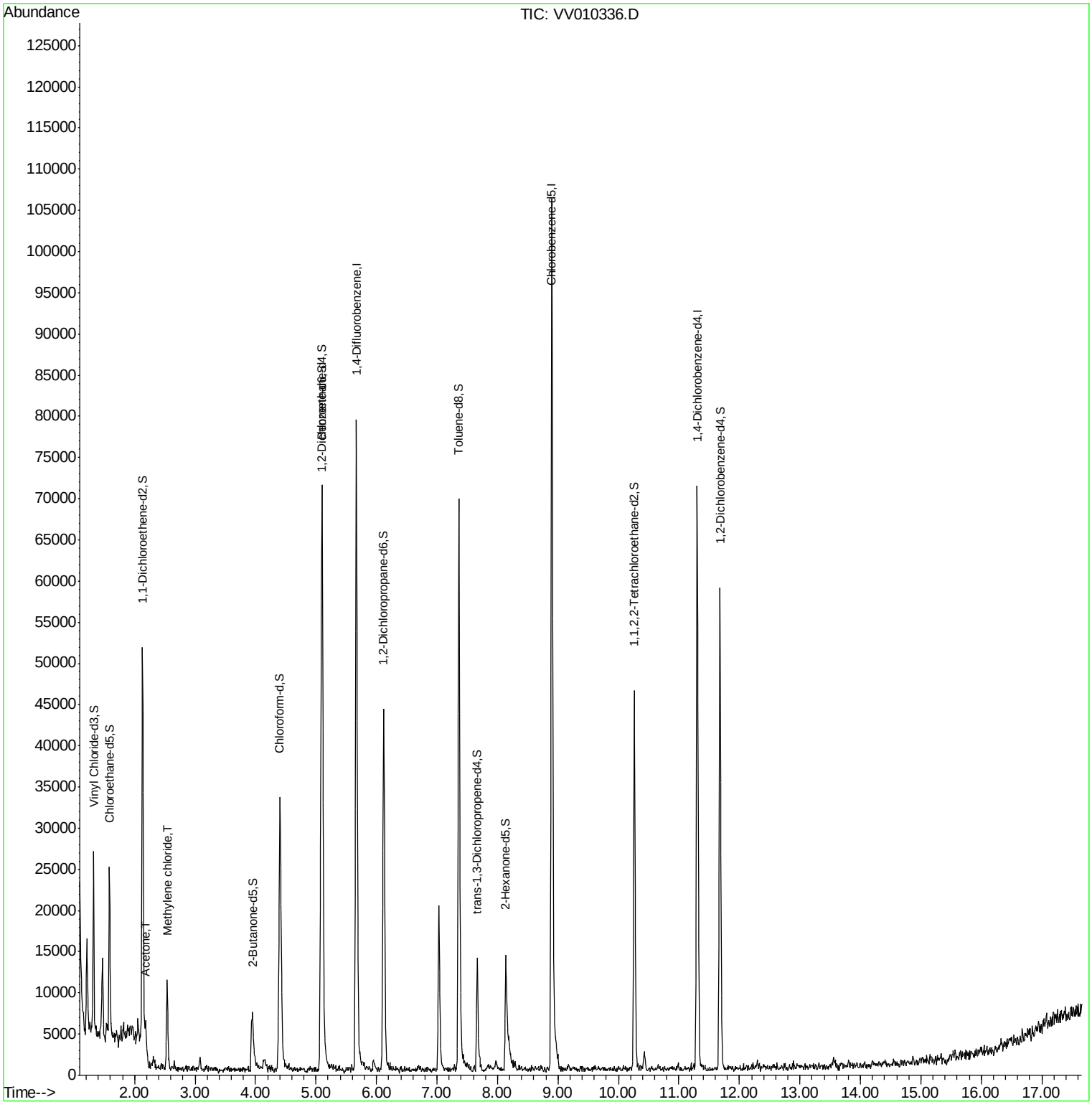
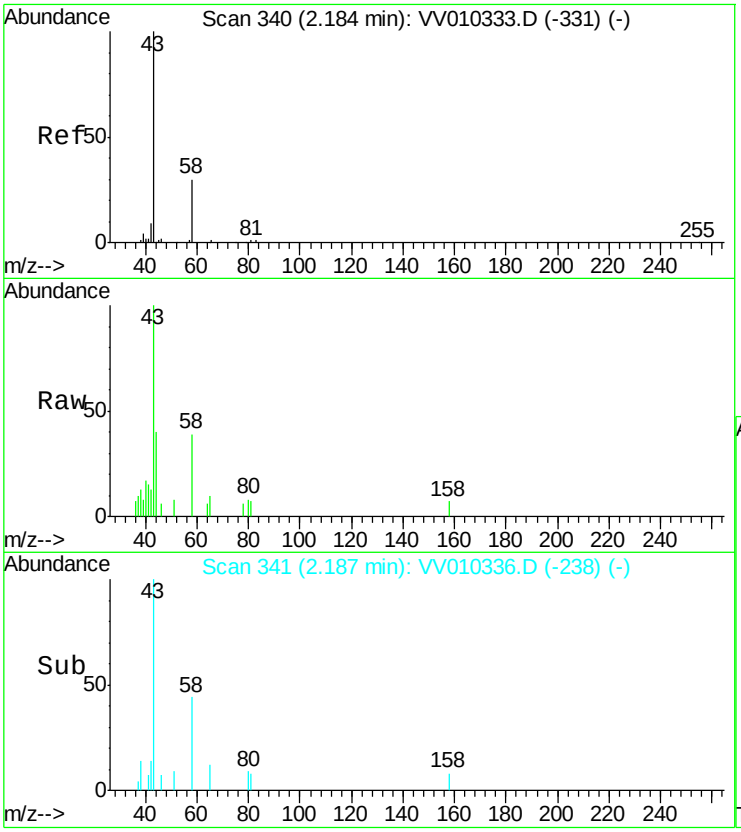


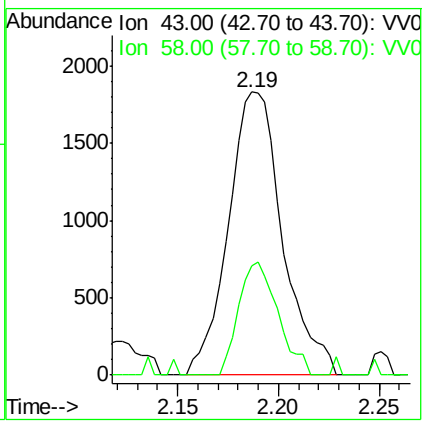


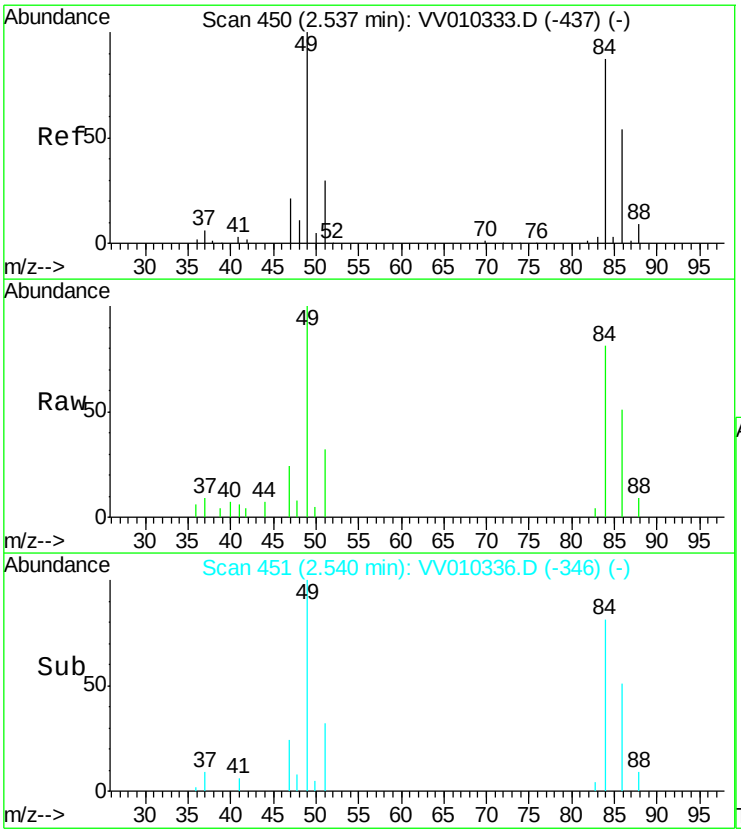
#13
Acetone
Concen: 16.121 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010336.D
Acq: 16 Apr 2019 16:38

Instrument :
MSVOA_V
ClientSampleId :
GAHJ3

Tgt Ion: 43 Resp: 3443

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	61.6





#16
Methylene chloride
Concen: 3.261 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV010336.D
Acq: 16 Apr 2019 16:38

Tgt Ion: 84 Resp: 4382

Ion	Ratio	Lower	Upper
84	100		
49	124.1	79.9	148.5
86	63.0	44.5	82.7