Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\

Quantitation Report (LSC Reviewed)

Data File : VV010297.D
Acq On : 12 Apr 2019 19:26
Operator : SY/MD
Sample : K2303-16RE
Misc : 5.90G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF884RE

Quant Time: Apr 13 05:50:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175570	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70676	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32305	15.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.92%			
7) Chloroethane-d5	1.57	69	35152	20.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.96%			
10) 1,1-Dichloroethene-d2	2.12	63	72094	14.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.04%			
20) 2-Butanone-d5	3.93	46	52277	102.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 204.42%#			
24) Chloroform-d	4.40	84	86219	21.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.08	65	63570	27.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.36%			
29) Benzene-d6	5.10	84	172911	21.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.72%			
33) 1,2-Dichloropropane-d6	6.12	67	56076	23.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.36%			
37) Toluene-d8	7.36	98	155745	19.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.24%			
38) trans-1,3-Dichloropropene-	7.66	79	23604	23.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.28%			
39) 2-Hexanone-d5	8.13	63	33532	79.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 159.92%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74321	34.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 136.40%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	61551	23.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.32%			
Target Compounds						Qvalue
13) Acetone	2.18	43	5723	10.473	ug/L	86
16) Methylene chloride	2.53	84	10447	3.038	ug/L	90

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

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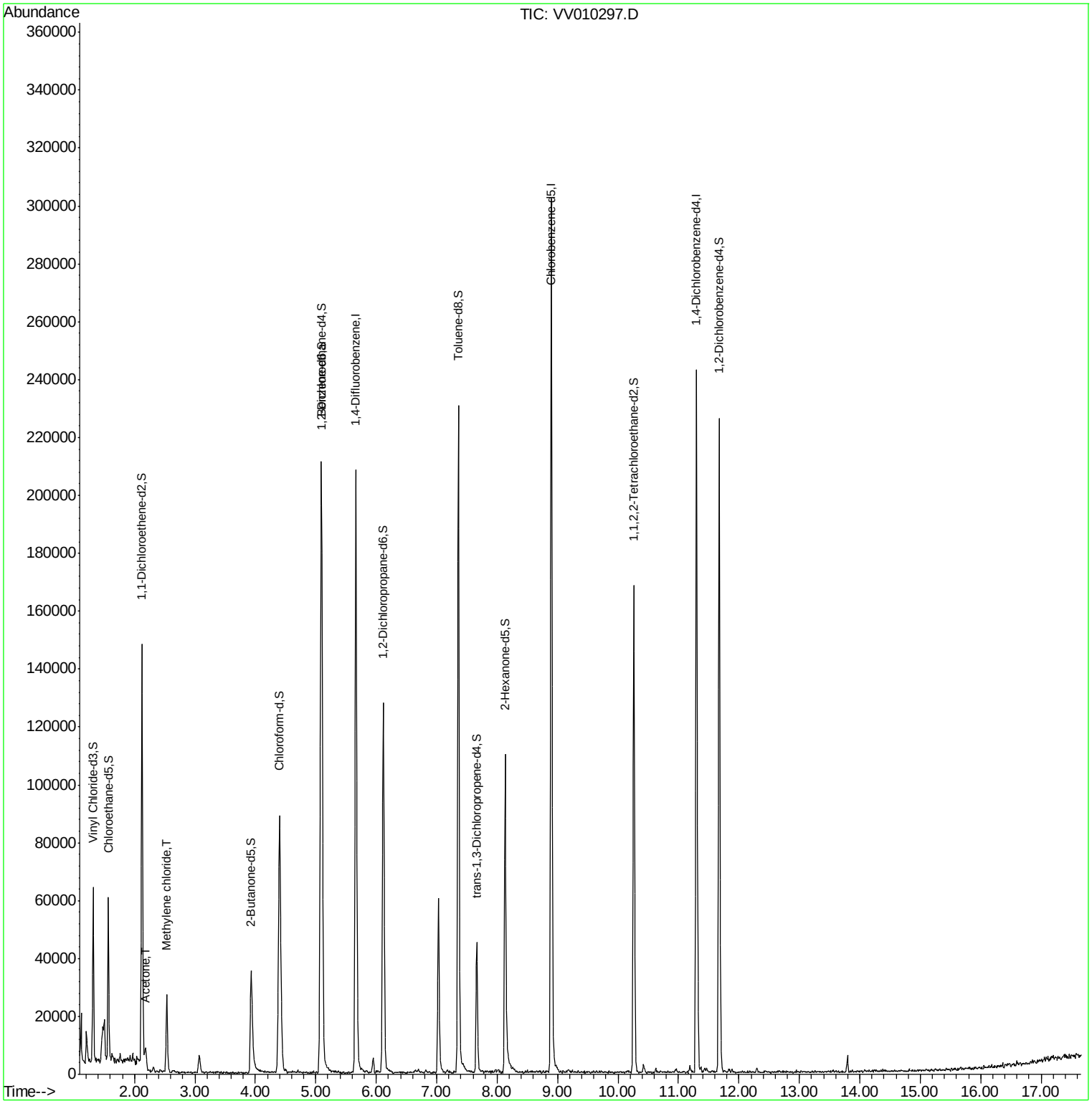
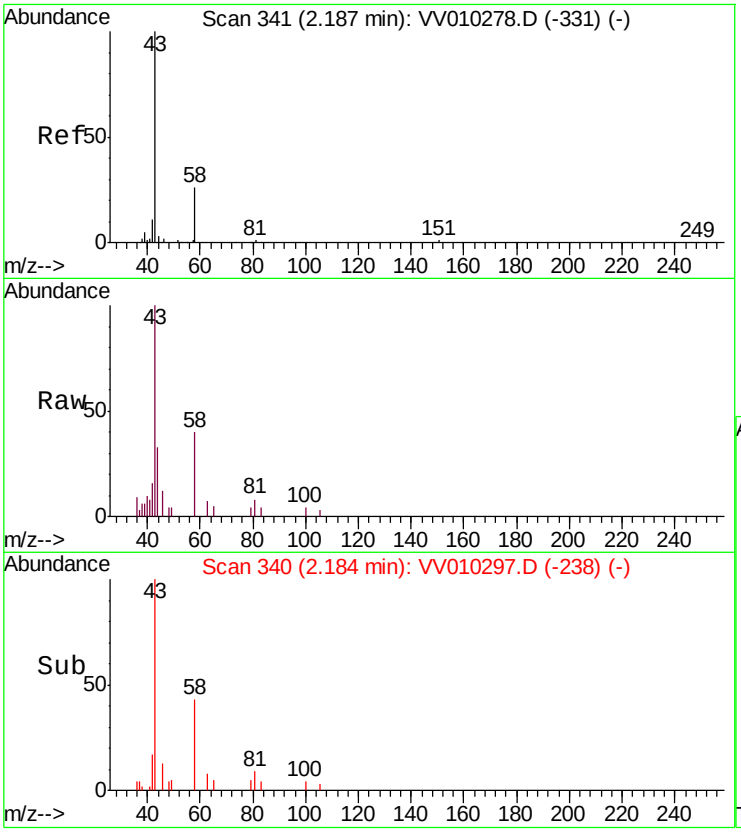
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration



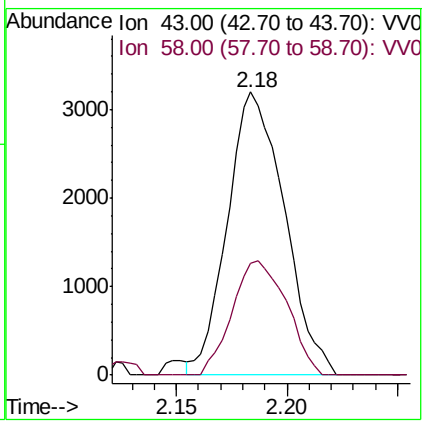


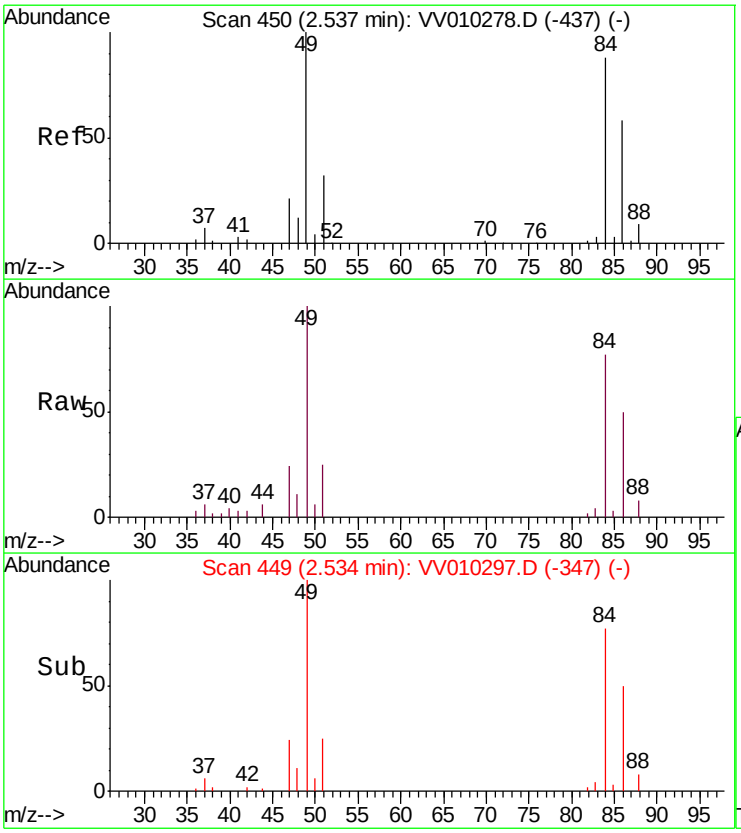
#13
Acetone
Concen: 10.473 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010297.D
Acq: 12 Apr 2019 19:26

Instrument :
MSVOA_V
ClientSampleId :
BF884RE

Tgt Ion: 43 Resp: 5723

Ion	Ratio	Lower	Upper
43	100		
58	38.6	0.0	61.6





#16
Methylene chloride
Concen: 3.038 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010297.D
Acq: 12 Apr 2019 19:26

Tgt Ion: 84 Resp: 10447

Ion	Ratio	Lower	Upper
84	100		
49	129.9	79.9	148.5
86	65.4	44.5	82.7