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

Quantitation Report (LSC Reviewed)

Data File : VV010302.D
Acq On : 12 Apr 2019 22:52
Operator : SY/MD
Sample : K2303-20
Misc : 5.29G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF8B3

Quant Time: Apr 13 06:18:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216636	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91329	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35491	14.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.92%			
7) Chloroethane-d5	1.57	69	37565	17.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.12%			
10) 1,1-Dichloroethene-d2	2.13	63	76006	11.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.88%			
20) 2-Butanone-d5	3.93	46	35755	56.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.32%			
24) Chloroform-d	4.40	84	89506	18.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 72.36%			
26) 1,2-Dichloroethane-d4	5.08	65	62250	22.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.36%			
29) Benzene-d6	5.10	84	184681	17.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 71.76%			
33) 1,2-Dichloropropane-d6	6.12	67	59521	19.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 77.76%			
37) Toluene-d8	7.36	98	166446	16.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 66.32%			
38) trans-1,3-Dichloropropene-	7.66	79	22052	17.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.08%			
39) 2-Hexanone-d5	8.13	63	27502	52.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.00%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62948	22.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.60%			
61) 1,2-Dichlorobenzene-d4	11.68	152	68406	20.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.12%			
Target Compounds						Qvalue
13) Acetone	2.19	43	6850	10.159	ug/L	93
16) Methylene chloride	2.54	84	14615	3.445	ug/L	95

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

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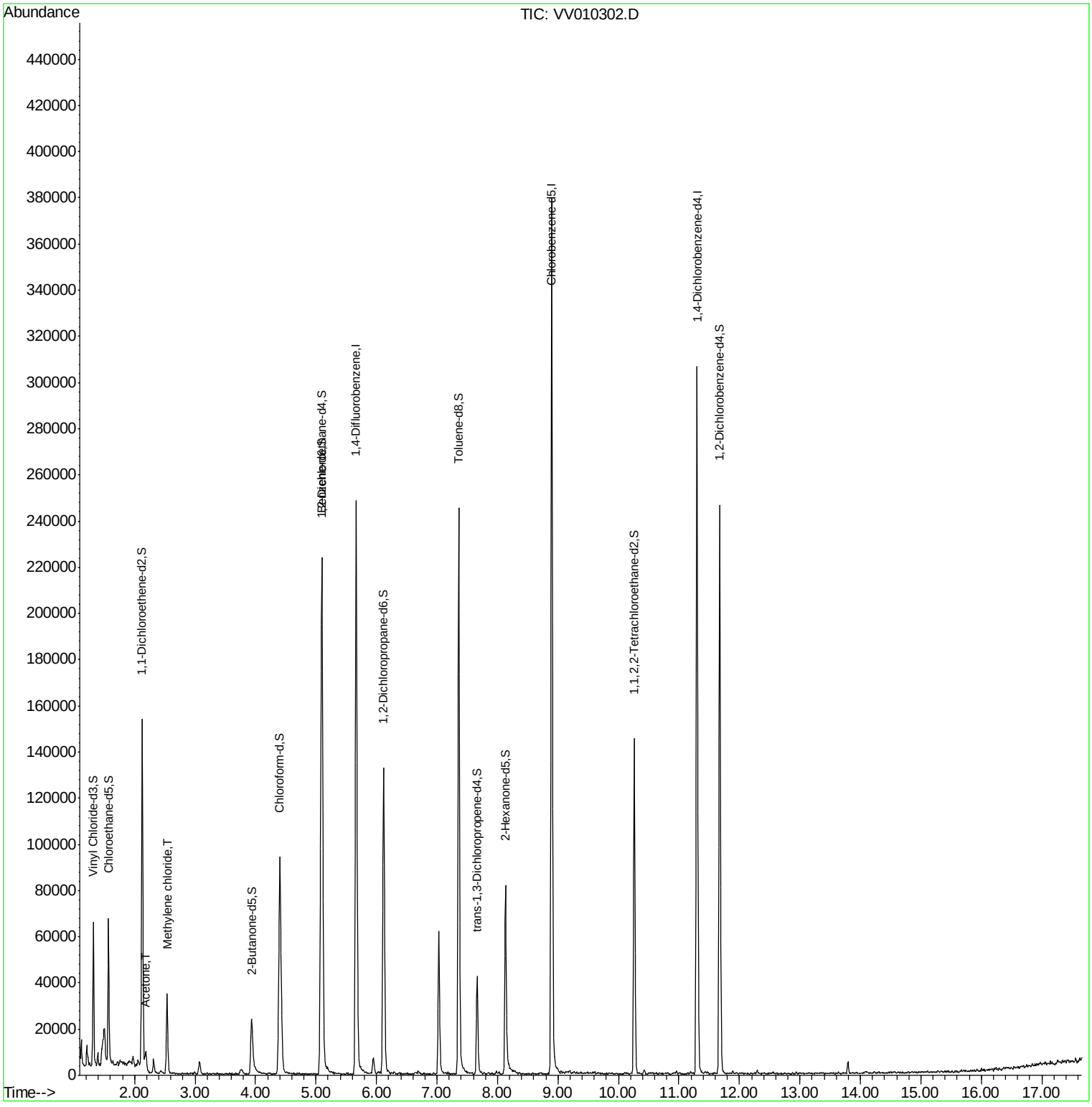
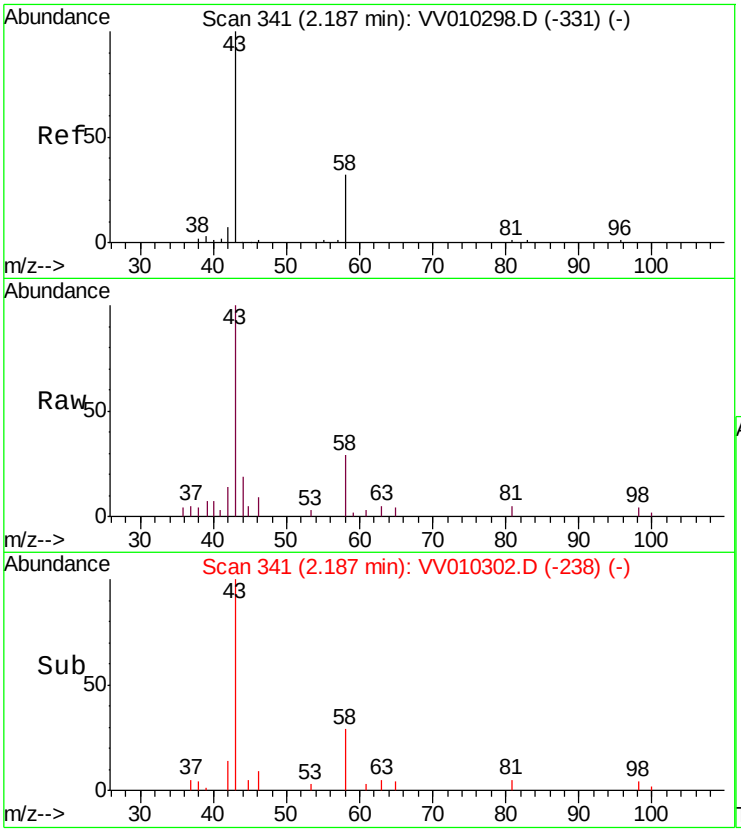
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration



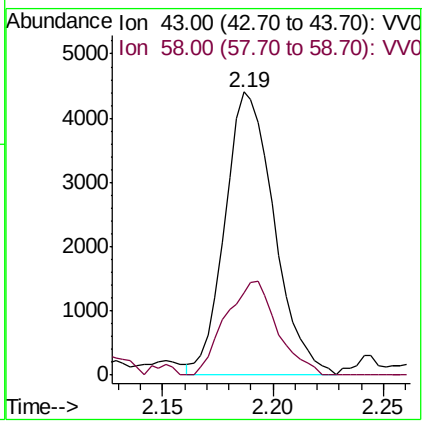


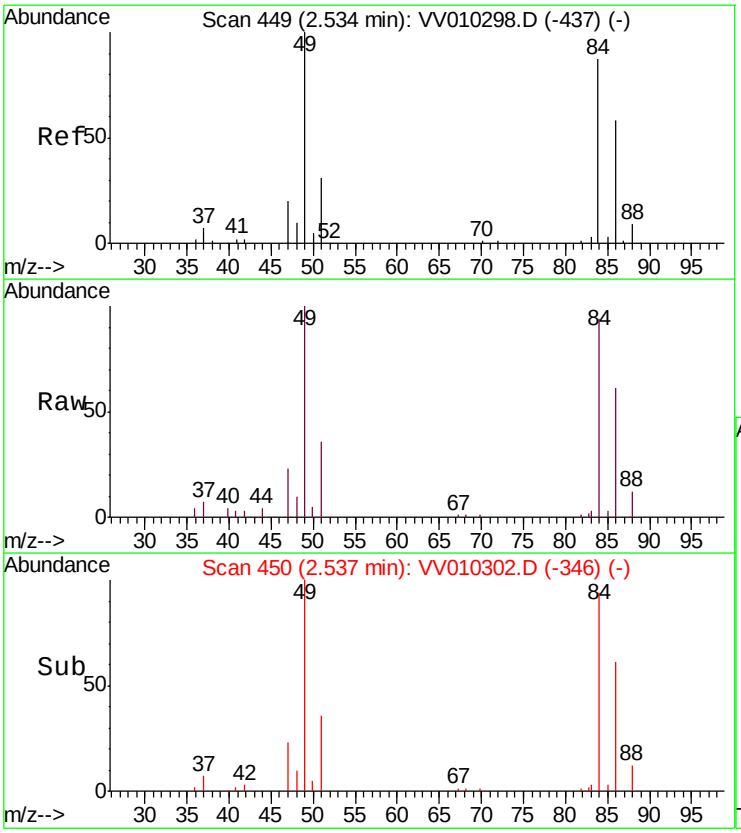
#13
Acetone
Concen: 10.159 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010302.D
Acq: 12 Apr 2019 22:52

Instrument :
MSVOA_V
ClientSampleId :
BF8B3

Tgt Ion: 43 Resp: 6850

Ion	Ratio	Lower	Upper
43	100		
58	34.7	0.0	61.6





#16
Methylene chloride
Concen: 3.445 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010302.D
Acq: 12 Apr 2019 22:52

Tgt Ion: 84 Resp: 14615

Ion	Ratio	Lower	Upper
84	100		
49	106.8	79.9	148.5
86	65.7	44.5	82.7