Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041119\
Data File : VV010252.D
Acq On : 11 Apr 2019 18:49
Operator : SY/MD
Sample : K2255-22
Misc : 4.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC49

Quant Time: Apr 12 04:37:58 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	5.66	114	271251	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	257618	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103926	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50238	16.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.36%			
7) Chloroethane-d5	1.58	69	54663	20.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.48%			
10) 1,1-Dichloroethene-d2	2.13	63	104928	13.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.80%			
20) 2-Butanone-d5	3.93	46	31064	39.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.62%			
24) Chloroform-d	4.40	84	129484	20.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.08	65	75360	21.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.44%			
29) Benzene-d6	5.10	84	269168	21.67	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.68%			
33) 1,2-Dichloropropane-d6	6.12	67	83026	22.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.88%			
37) Toluene-d8	7.36	98	247416	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.68%			
38) trans-1,3-Dichloropropene-	7.66	79	26985	17.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.08%			
39) 2-Hexanone-d5	8.13	63	22073	34.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.18%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66852	20.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.64%			
61) 1,2-Dichlorobenzene-d4	11.67	152	86489	22.53	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.12%			
Target Compounds						Qvalue
13) Acetone	2.19	43	9795	11.602	ug/L	94
16) Methylene chloride	2.54	84	15122	2.847	ug/L	93

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

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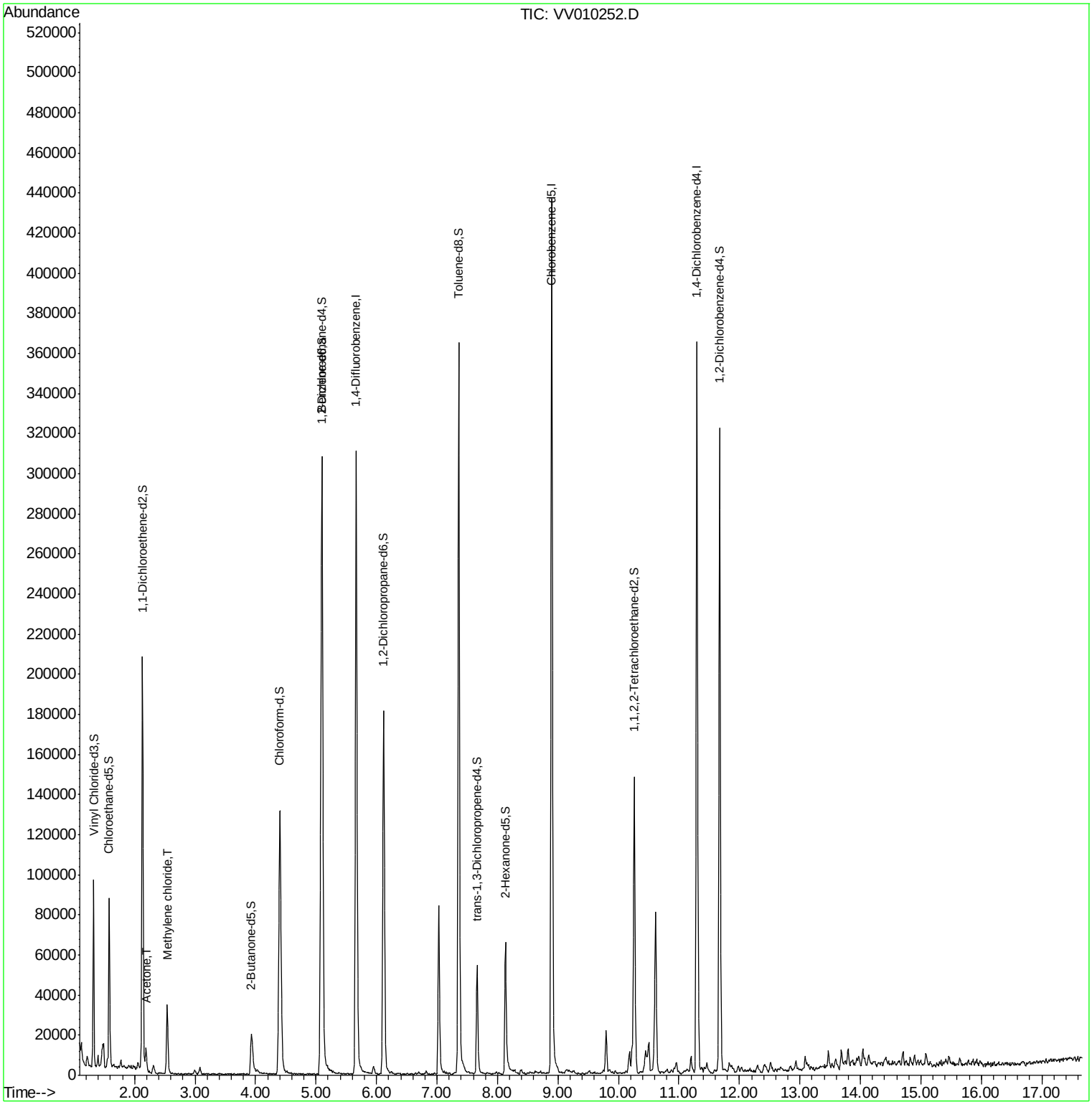
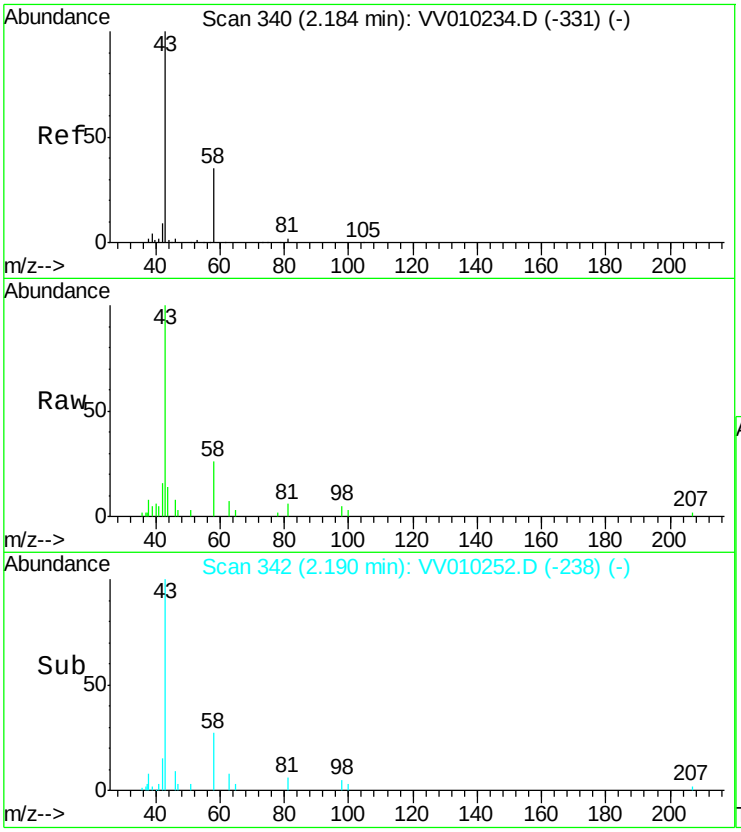


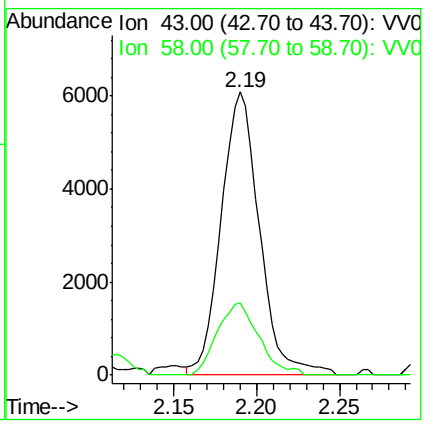


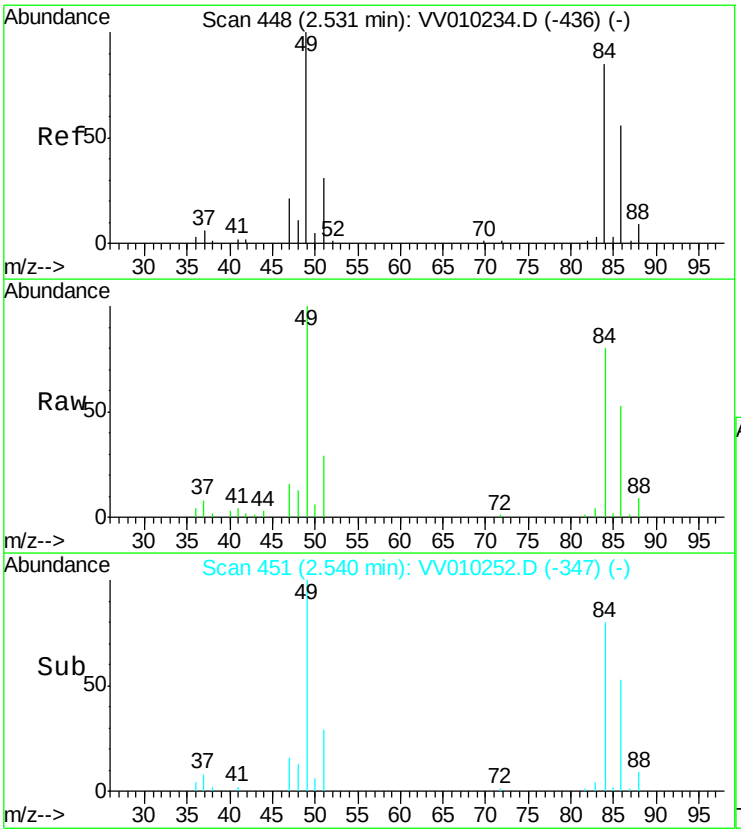
#13
Acetone
Concen: 11.602 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010252.D
Acq: 11 Apr 2019 18:49

Instrument :
MSVOA_V
ClientSampleId :
BFC49

Tgt Ion: 43 Resp: 9795

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	61.6





#16
Methylene chloride
Concen: 2.847 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010252.D
Acq: 11 Apr 2019 18:49

Tgt Ion: 84 Resp: 15122

Ion	Ratio	Lower	Upper
84	100		
49	124.5	79.9	148.5
86	65.9	44.5	82.7