Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032719\

Quantitation Report (QT/LSC Reviewed)

Data File : VV009928.D
Acq On : 27 Mar 2019 15:17
Operator : SY/MD
Sample : K2085-05
Misc : 5.12G/10mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7S8

Quant Time: Mar 28 06:58:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133111	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55265	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56554	20.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.76%			
7) Chloroethane-d5	1.57	69	73281	25.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.48%			
10) 1,1-Dichloroethene-d2	2.13	63	130175	17.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.48%			
20) 2-Butanone-d5	3.93	46	32688	64.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.88%			
24) Chloroform-d	4.40	84	97671	28.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 115.20%			
26) 1,2-Dichloroethane-d4	5.08	65	64036	31.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.52%			
29) Benzene-d6	5.10	84	203588	28.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.80%			
33) 1,2-Dichloropropane-d6	6.12	67	64190	30.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.72%#			
37) Toluene-d8	7.36	98	182020	27.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.44%			
38) trans-1,3-Dichloropropene-	7.66	79	20300	23.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.64%			
39) 2-Hexanone-d5	8.13	63	23473	60.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.18%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56839	27.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.64%			
61) 1,2-Dichlorobenzene-d4	11.68	152	64288	30.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 122.20%#			
Target Compounds						Qvalue
13) Acetone	2.18	43	4156	5.453	ug/L	89
16) Methylene chloride	2.54	84	5765	2.630	ug/L	95

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

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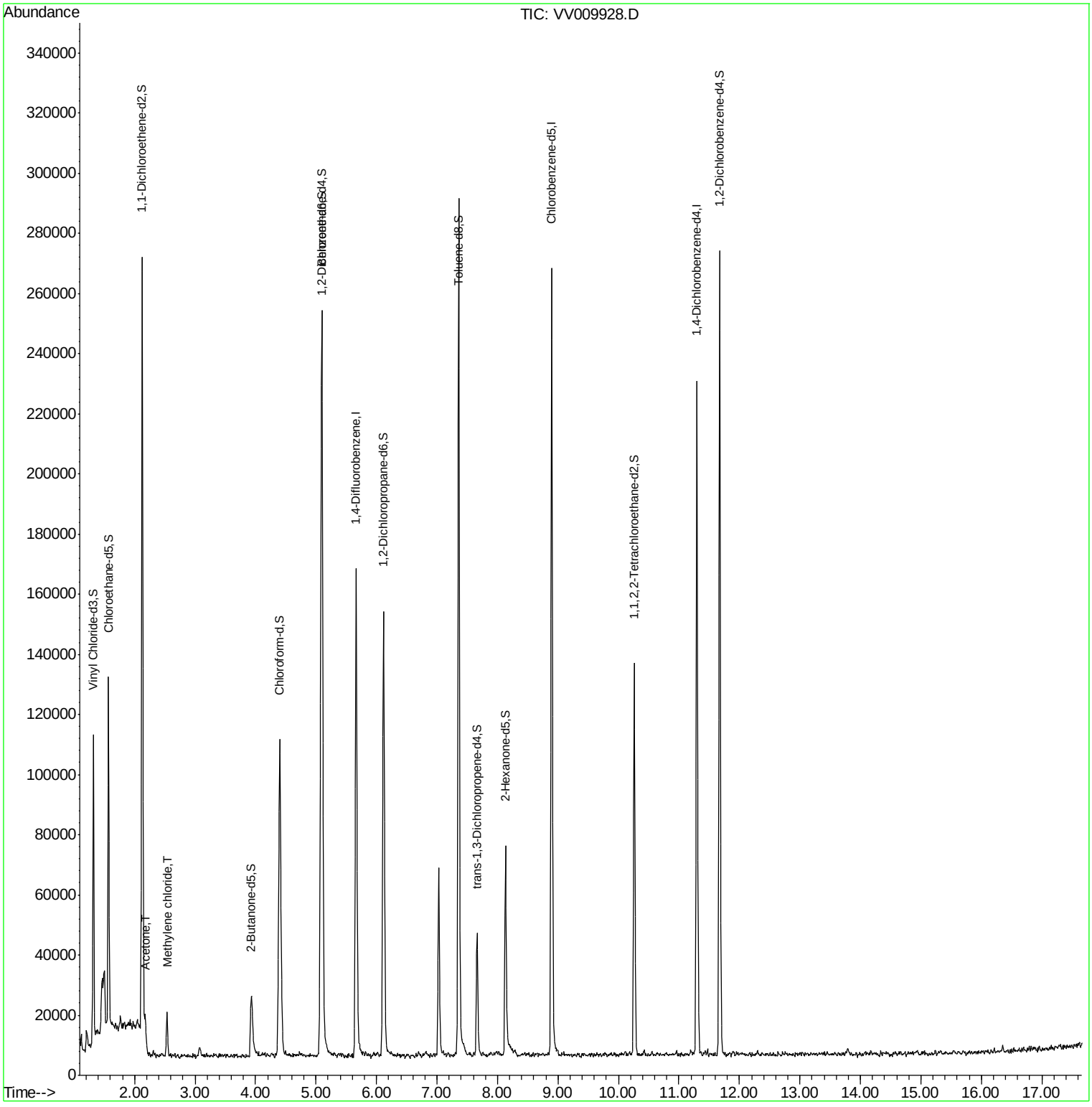
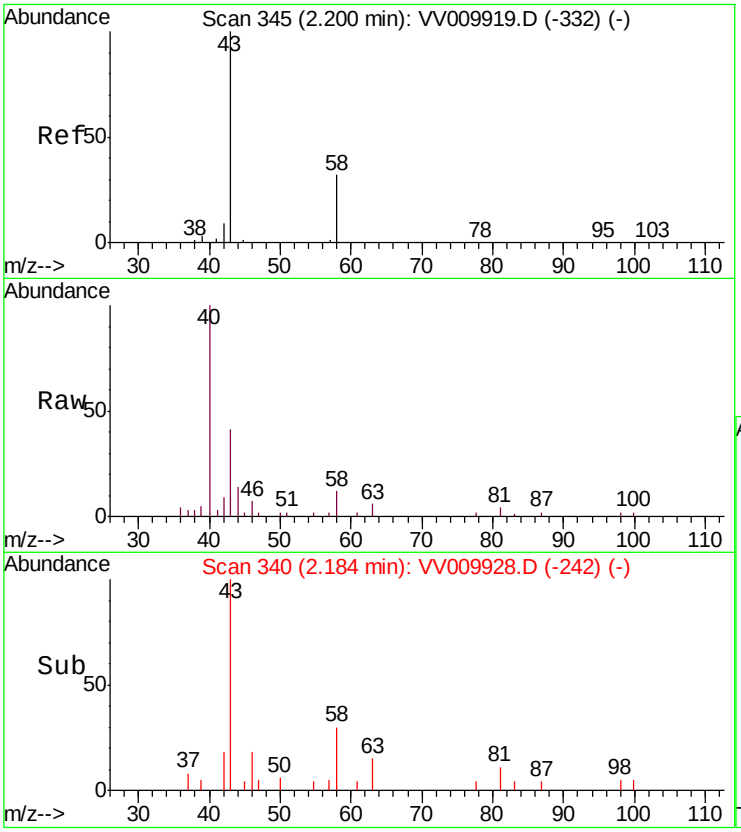
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration



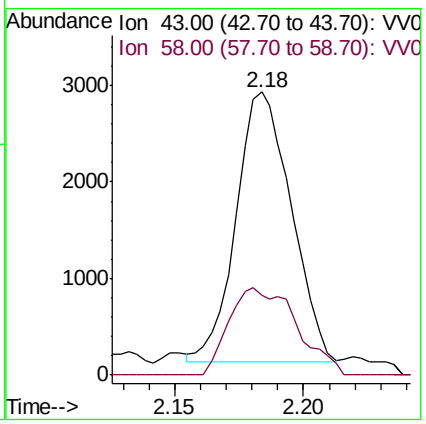


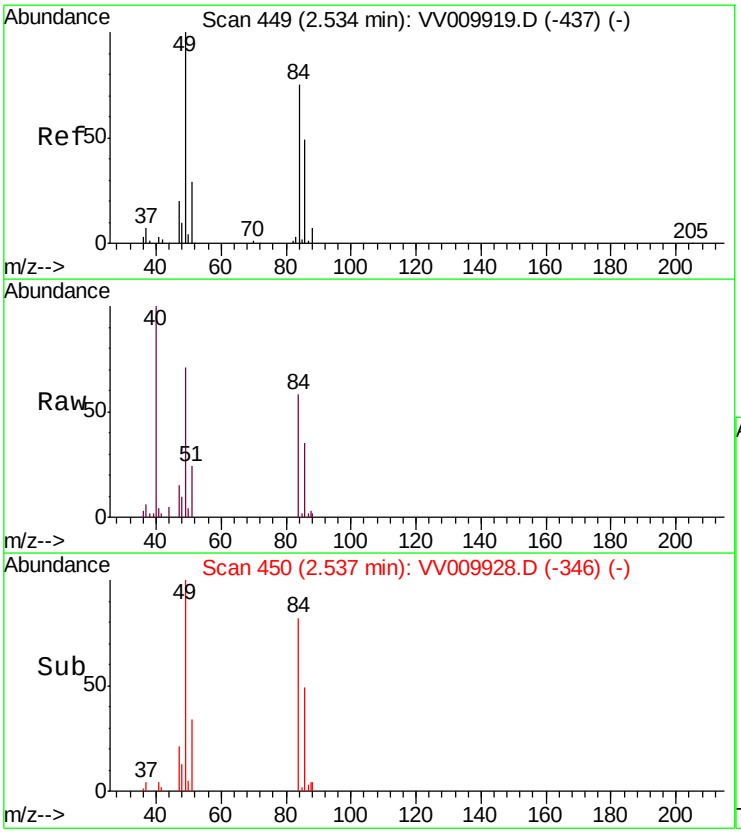
#13
Acetone
Concen: 5.453 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.02 min
Lab File: VV009928.D
Acq: 27 Mar 2019 15:17

Instrument :
MSVOA_V
ClientSampleId :
BF7S8

Tgt Ion: 43 Resp: 4156

Ion	Ratio	Lower	Upper
43	100		
58	23.9	0.0	59.4





#16
Methylene chloride
Concen: 2.630 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009928.D
Acq: 27 Mar 2019 15:17

Tgt Ion: 84 Resp: 5765

Ion	Ratio	Lower	Upper
84	100		
49	122.4	90.4	167.8
86	60.3	44.0	81.6