Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\
Data File : VV009565.D
Acq On : 10 Mar 2019 14:28
Operator : SY/MD
Sample : K1789-15
Misc : 5.58G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0P8

Quant Time: Mar 11 05:13:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	130514	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119752	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54054	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28045	17.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.40%			
7) Chloroethane-d5	1.57	69	44156	19.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.72%			
10) 1,1-Dichloroethene-d2	2.13	63	64139	15.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.76%			
20) 2-Butanone-d5	3.95	46	28002	52.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.60%			
24) Chloroform-d	4.40	84	69974	22.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.04%			
26) 1,2-Dichloroethane-d4	5.08	65	41950	23.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.88%			
29) Benzene-d6	5.10	84	139209	23.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.88%			
33) 1,2-Dichloropropane-d6	6.12	67	42819	24.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.84%			
37) Toluene-d8	7.36	98	130815	22.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.48%			
38) trans-1,3-Dichloropropene-	7.67	79	17214	20.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.16%			
39) 2-Hexanone-d5	8.14	63	21233	51.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.96%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43916	23.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.16%			
61) 1,2-Dichlorobenzene-d4	11.68	152	47103	23.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.48%			
Target Compounds						Qvalue
13) Acetone	2.20	43	4859	8.927	ug/L	91
16) Methylene chloride	2.53	84	1985	1.159	ug/L	80

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

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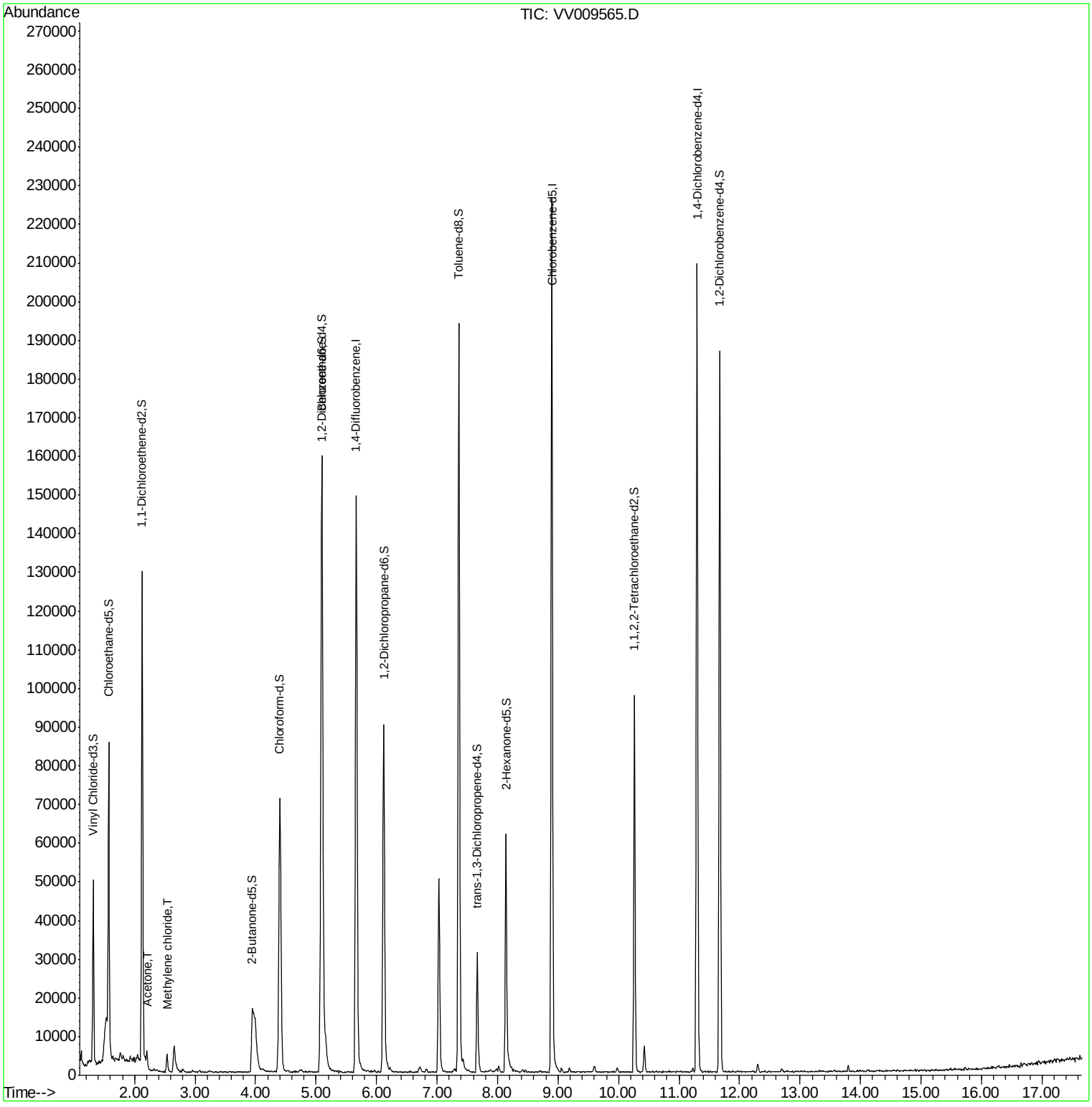
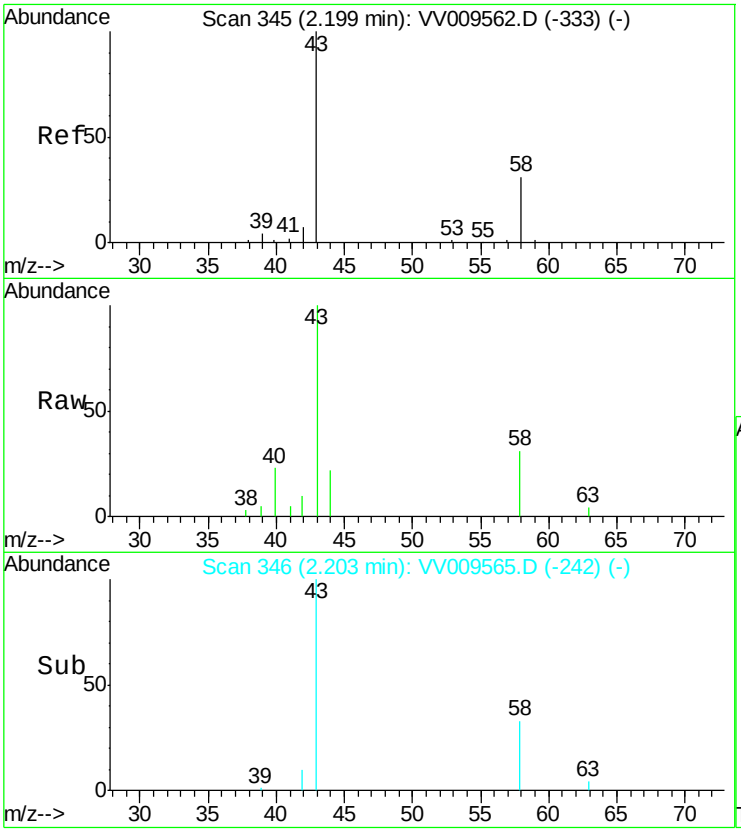


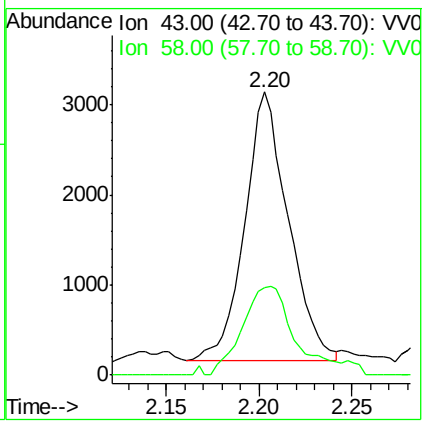


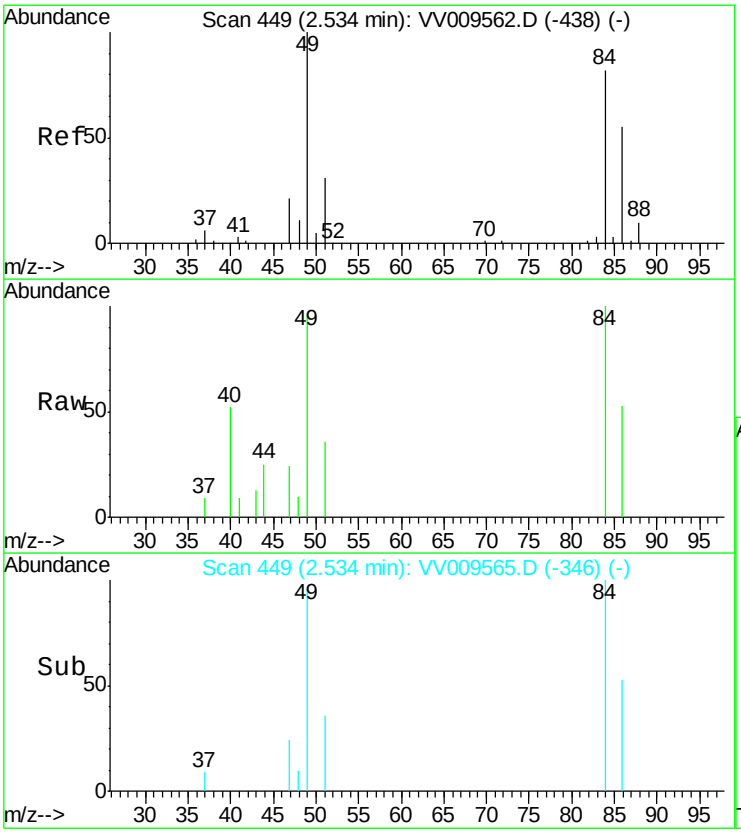
#13
Acetone
Concen: 8.927 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV009565.D
Acq: 10 Mar 2019 14:28

Instrument : MSVOA_V
ClientSampleId : BF0P8

Tgt Ion: 43 Resp: 4859

Ion	Ratio	Lower	Upper
43	100		
58	39.8	0.0	68.8





#16
Methylene chloride
Concen: 1.159 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009565.D
Acq: 10 Mar 2019 14:28

Tgt Ion: 84 Resp: 1985

Ion	Ratio	Lower	Upper
84	100		
49	96.1	84.6	157.0
86	53.1	46.1	85.7