Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
Data File : VV010160.D
Acq On : 06 Apr 2019 18:12
Operator : SY/MD
Sample : K2168-07
Misc : 5.23G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF657

Quant Time: Apr 07 02:58:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	286270	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	268664	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121280	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57846	15.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.36%			
7) Chloroethane-d5	1.57	69	64481	13.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.20%			
10) 1,1-Dichloroethene-d2	2.13	63	129233	13.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.48%			
20) 2-Butanone-d5	3.94	46	39377	36.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.22%			
24) Chloroform-d	4.40	84	157065	21.78	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.12%			
26) 1,2-Dichloroethane-d4	5.08	65	87355	21.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.60%			
29) Benzene-d6	5.10	84	311309	22.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.36%			
33) 1,2-Dichloropropane-d6	6.12	67	98640	23.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.96%			
37) Toluene-d8	7.36	98	287356	21.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.64%			
38) trans-1,3-Dichloropropene-	7.66	79	34055	19.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.52%			
39) 2-Hexanone-d5	8.14	63	29145	35.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.68%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78219	19.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.16%			
61) 1,2-Dichlorobenzene-d4	11.67	152	108336	22.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.72%			
Target Compounds						Qvalue
13) Acetone	2.20	43	3456	3.205	ug/L	92
16) Methylene chloride	2.54	84	11493	2.285	ug/L	91

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

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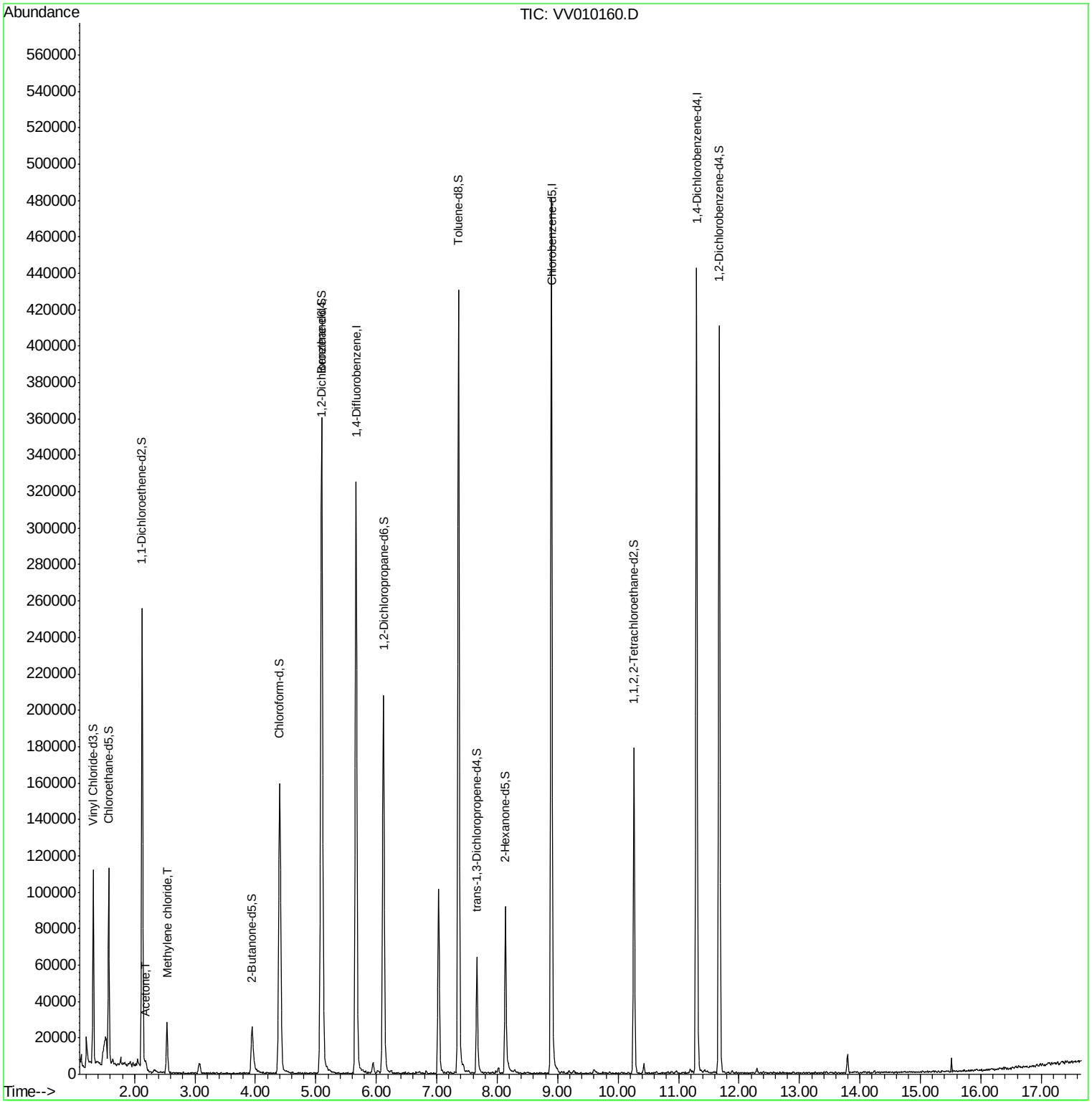
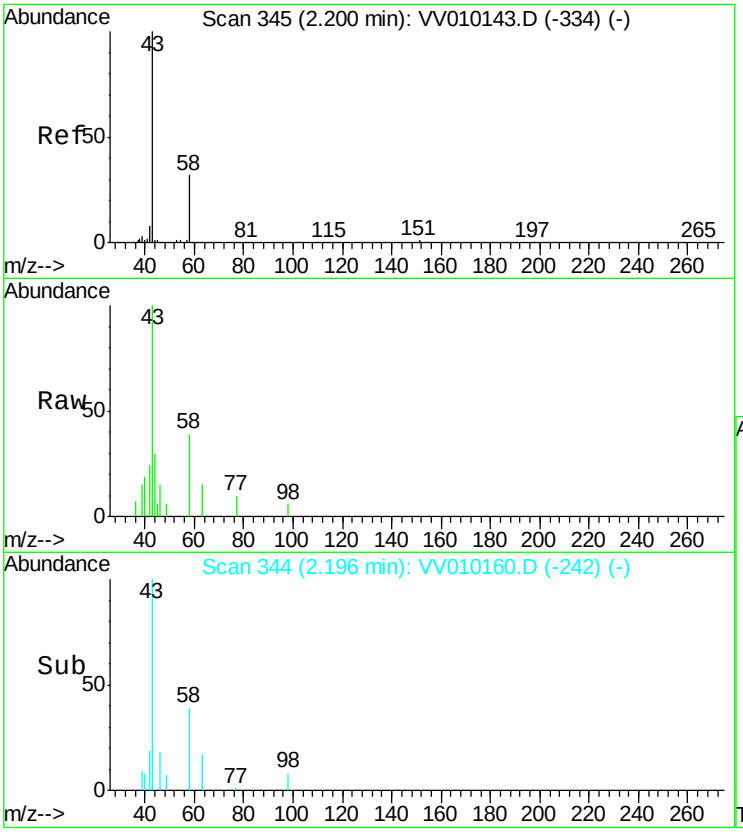


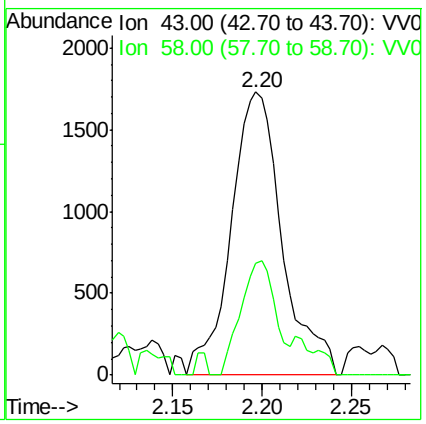


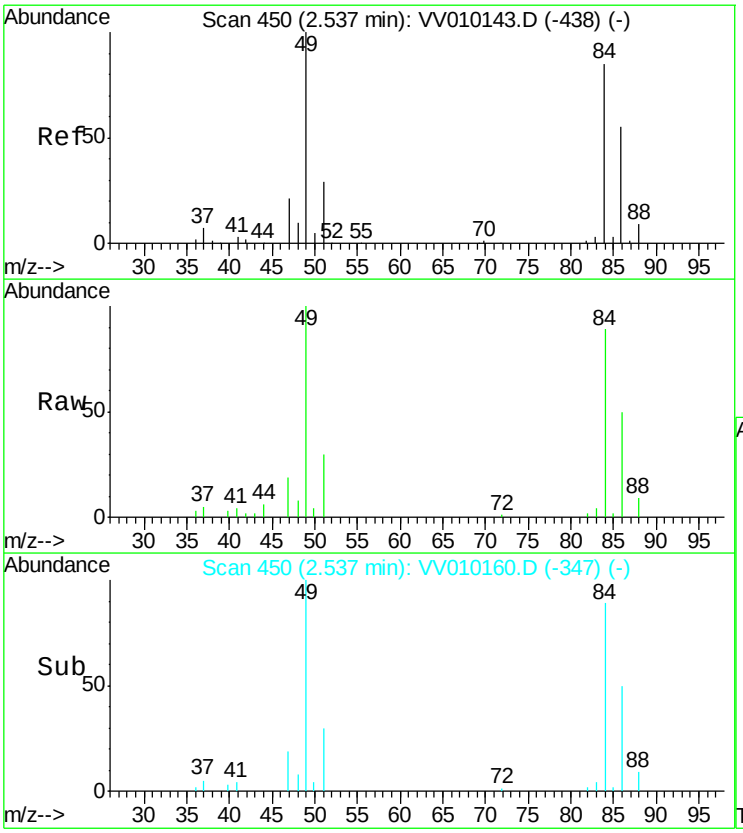
#13
Acetone
Concen: 3.205 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.00 min
Lab File: VV010160.D
Acq: 06 Apr 2019 18:12

Instrument : MSVOA_V
ClientSampleId : BF657

Tgt Ion: 43 Resp: 3456

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	64.6





#16
Methylene chloride
Concen: 2.285 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010160.D
Acq: 06 Apr 2019 18:12

Tgt Ion: 84 Resp: 11493

Ion	Ratio	Lower	Upper
84	100		
49	112.6	84.3	156.5
86	55.9	45.4	84.2