Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\
Data File : VV009503.D
Acq On : 05 Mar 2019 23:12
Operator : SY/MD
Sample : K1720-04
Misc : 2.94G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF8B2

Quant Time: Mar 06 06:12:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	147659	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47444	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36401	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.92%			
7) Chloroethane-d5	1.57	69	58140	22.62	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.48%			
10) 1,1-Dichloroethene-d2	2.12	63	80837	17.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.92%			
20) 2-Butanone-d5	3.95	46	23578	38.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.86%			
24) Chloroform-d	4.40	84	91709	26.07	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.28%			
26) 1,2-Dichloroethane-d4	5.08	65	55652	27.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.24%			
29) Benzene-d6	5.10	84	183052	28.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.76%			
33) 1,2-Dichloropropane-d6	6.12	67	57490	30.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.12%#			
37) Toluene-d8	7.36	98	167488	26.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.72%			
38) trans-1,3-Dichloropropene-	7.67	79	20270	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.88%			
39) 2-Hexanone-d5	8.13	63	20965	47.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.42%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50002	24.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.68%			
61) 1,2-Dichlorobenzene-d4	11.68	152	46957	27.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.44%			
Target Compounds						Qvalue
13) Acetone	2.20	43	5182	8.415	ug/L	98
16) Methylene chloride	2.54	84	5681	2.932	ug/L	90

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

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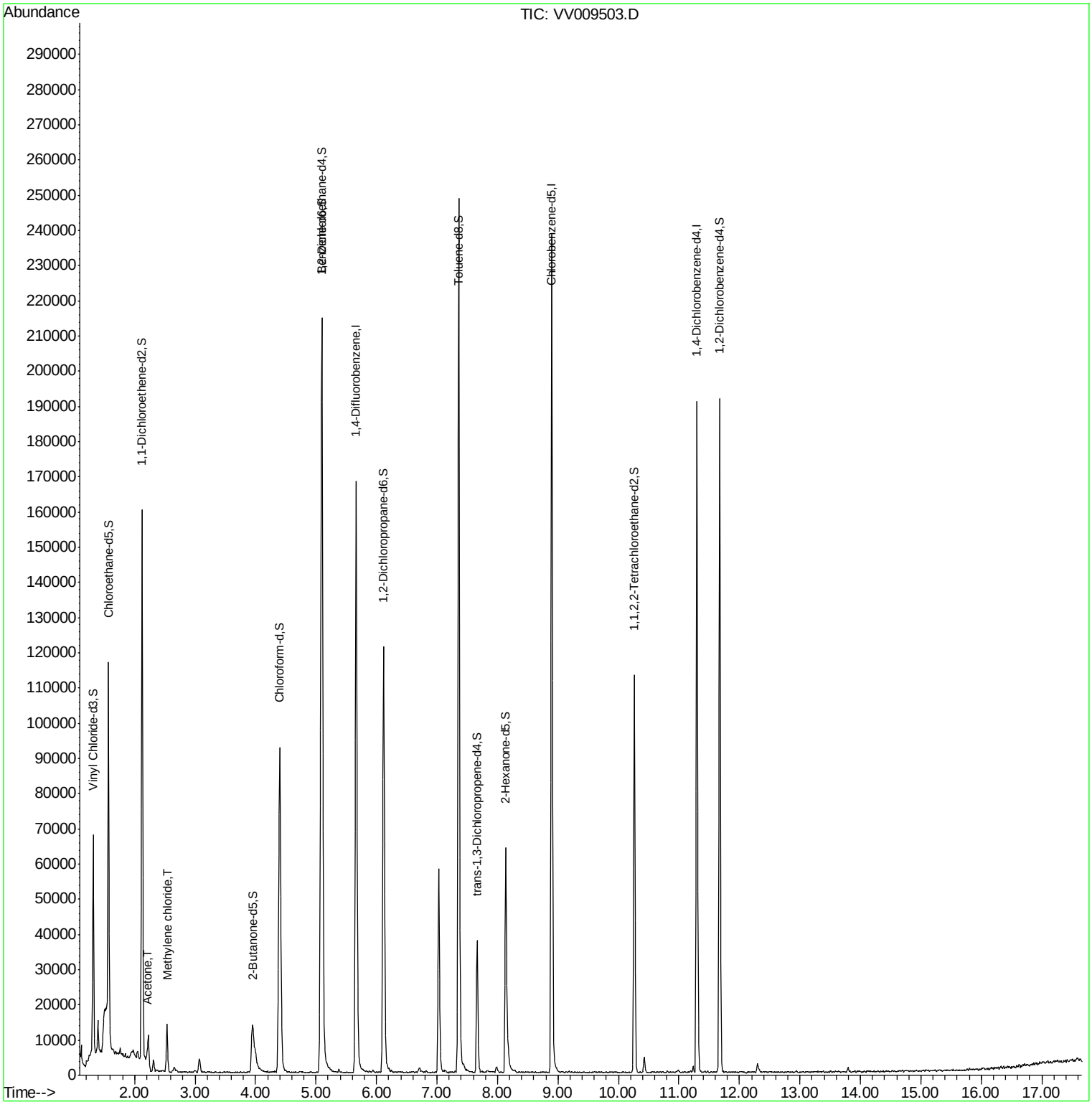
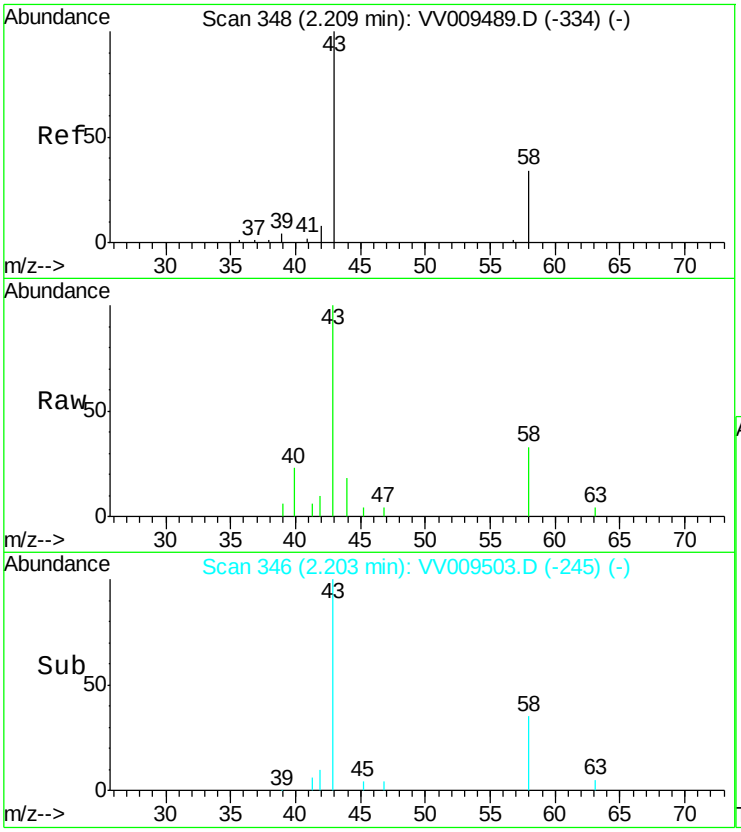


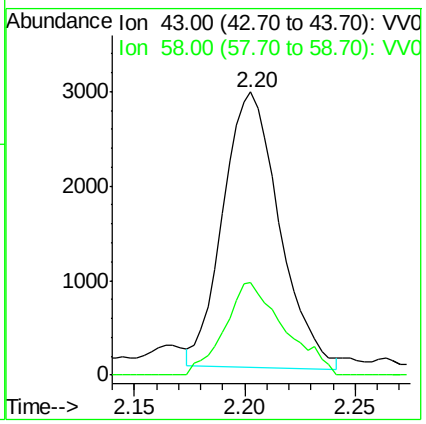


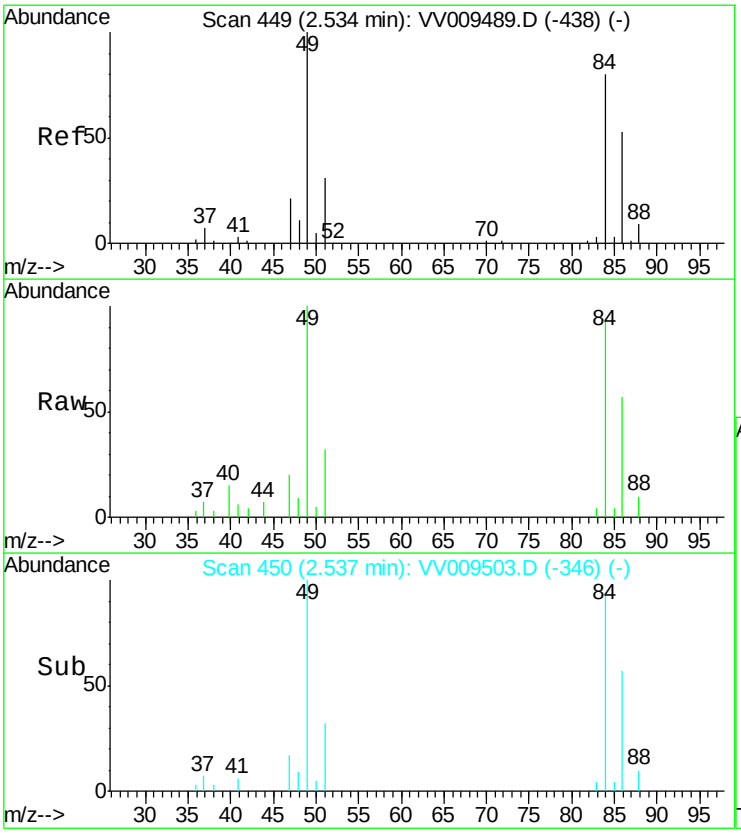
#13
Acetone
Concen: 8.415 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.01 min
Lab File: VV009503.D
Acq: 05 Mar 2019 23:12

Instrument : MSVOA_V
ClientSampleId : BF8B2

Tgt Ion: 43 Resp: 5182

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	68.8





#16
Methylene chloride
Concen: 2.932 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009503.D
Acq: 05 Mar 2019 23:12

Tgt Ion: 84 Resp: 5681

Ion	Ratio	Lower	Upper
84	100		
49	106.9	84.6	157.0
86	61.2	46.1	85.7