Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

Quantitation Report (Not Reviewed)

Data File : VV010072.D
Acq On : 02 Apr 2019 21:57
Operator : SY/MD
Sample : K2148-08
Misc : 5.52G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G5

Quant Time: Apr 03 06:50:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	236477	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91933	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	55248	17.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.80%			
7) Chloroethane-d5	1.58	69	105043	26.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.84%			
10) 1,1-Dichloroethene-d2	2.13	63	116140	14.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.16%			
20) 2-Butanone-d5	3.95	46	31403	34.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.72%			
24) Chloroform-d	4.40	84	146708	24.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.52%			
26) 1,2-Dichloroethane-d4	5.08	65	84164	25.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%			
29) Benzene-d6	5.10	84	287090	23.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.76%			
33) 1,2-Dichloropropane-d6	6.12	67	88465	25.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.00%			
37) Toluene-d8	7.36	98	261322	22.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.48%			
38) trans-1,3-Dichloropropene-	7.66	79	27017	17.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.44%			
39) 2-Hexanone-d5	8.14	63	21579	30.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.82%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71000	20.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.36%			
61) 1,2-Dichlorobenzene-d4	11.67	152	91488	25.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
13) Acetone	2.21	43	5806	6.519	ug/L	100
14) Carbon disulfide	2.31	76	2047	0.305	ug/L #	87
16) Methylene chloride	2.54	84	8638	2.079	ug/L	96

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

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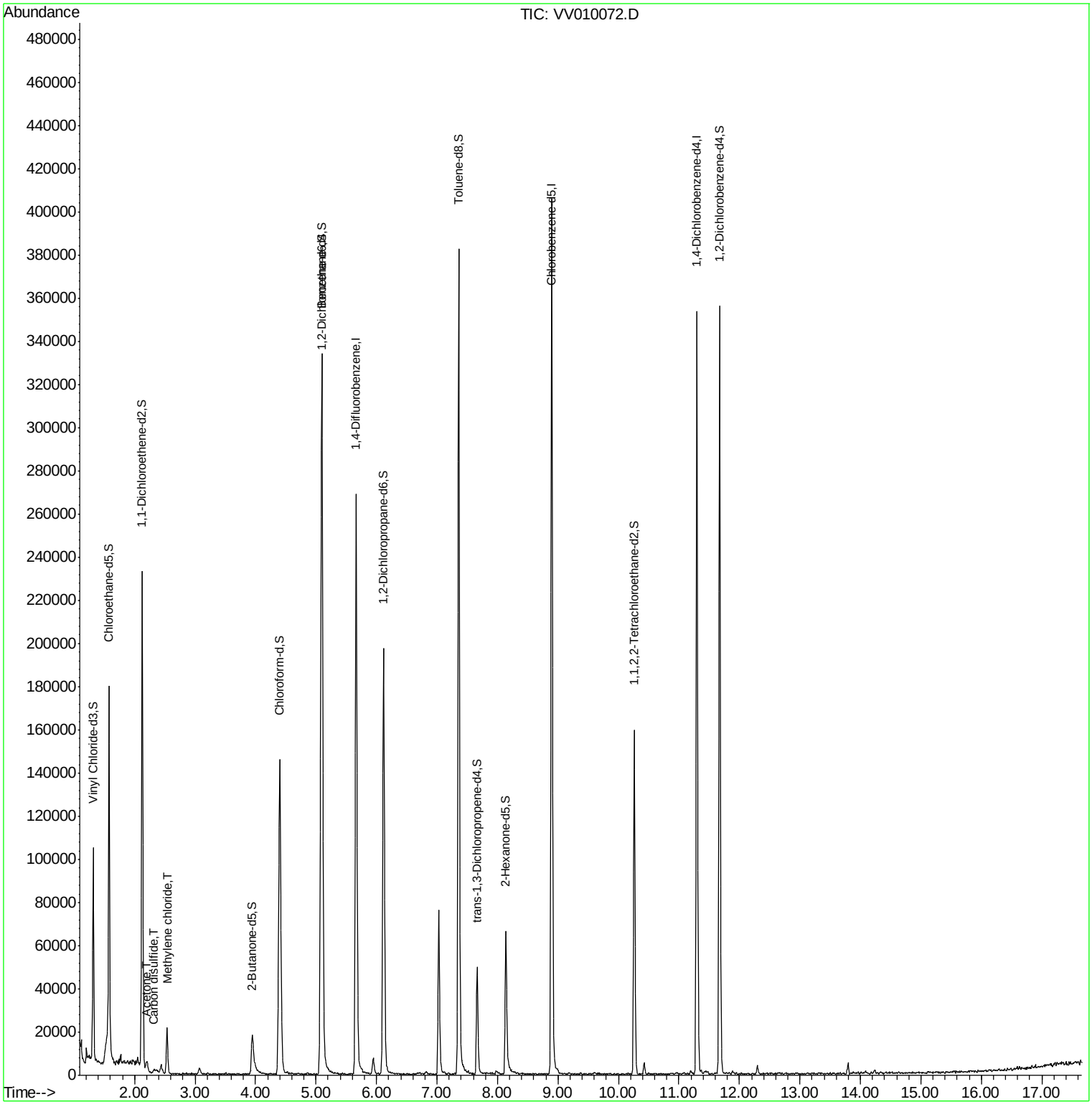
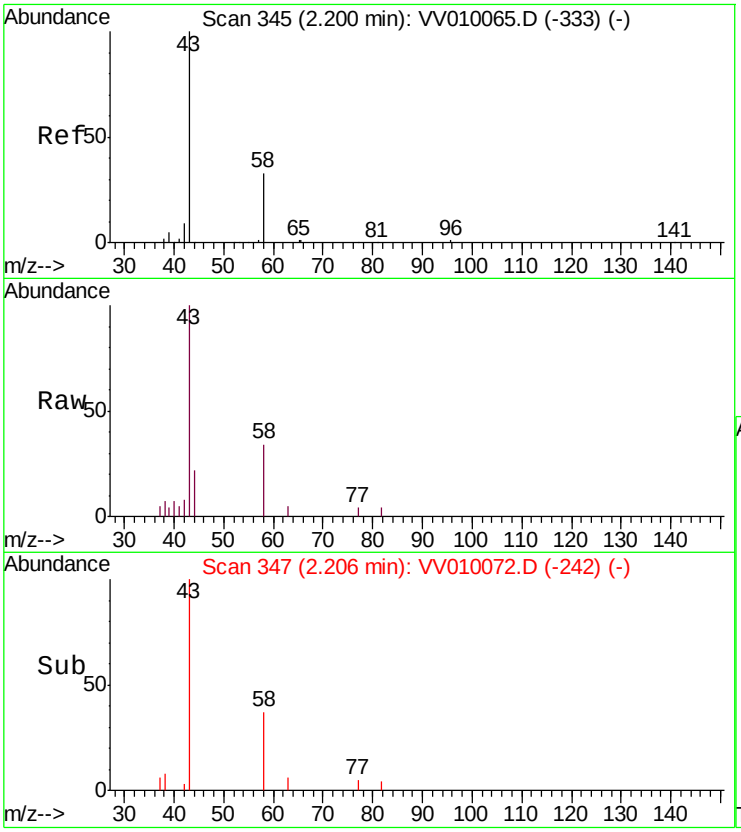
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration



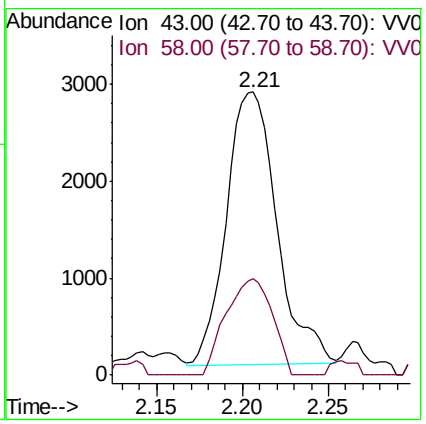


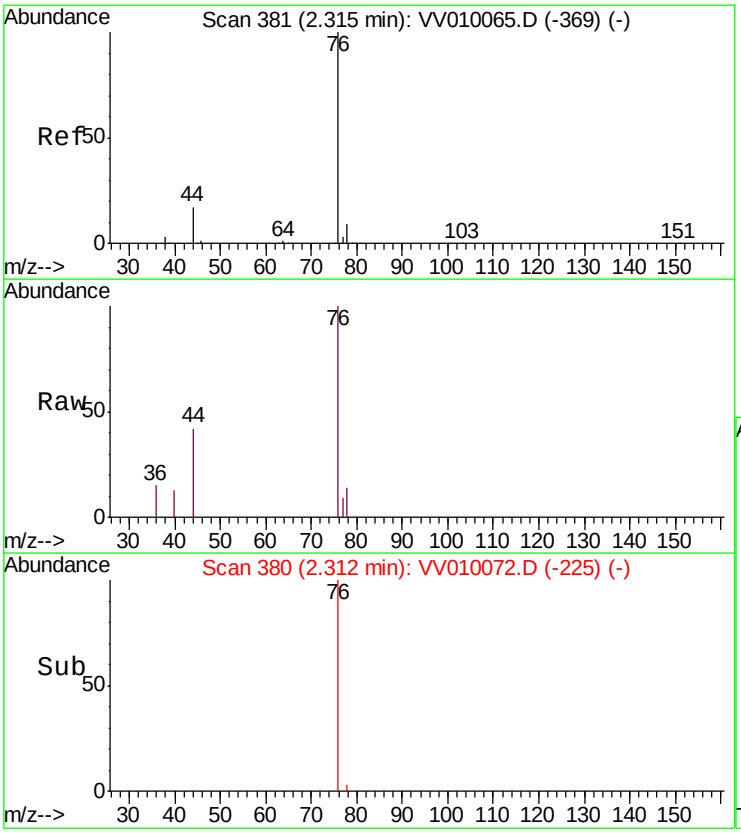
#13
Acetone
Concen: 6.519 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV010072.D
Acq: 02 Apr 2019 21:57

Instrument : MSVOA_V
ClientSampleId : BF5G5

Tgt Ion: 43 Resp: 5806

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	64.6

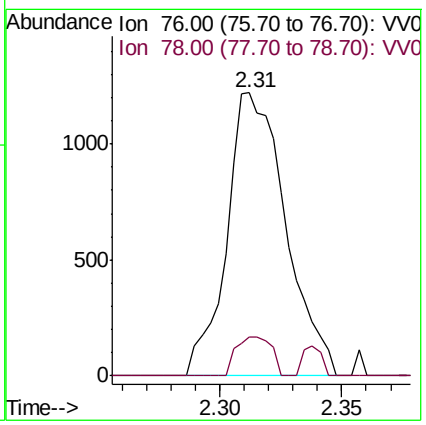


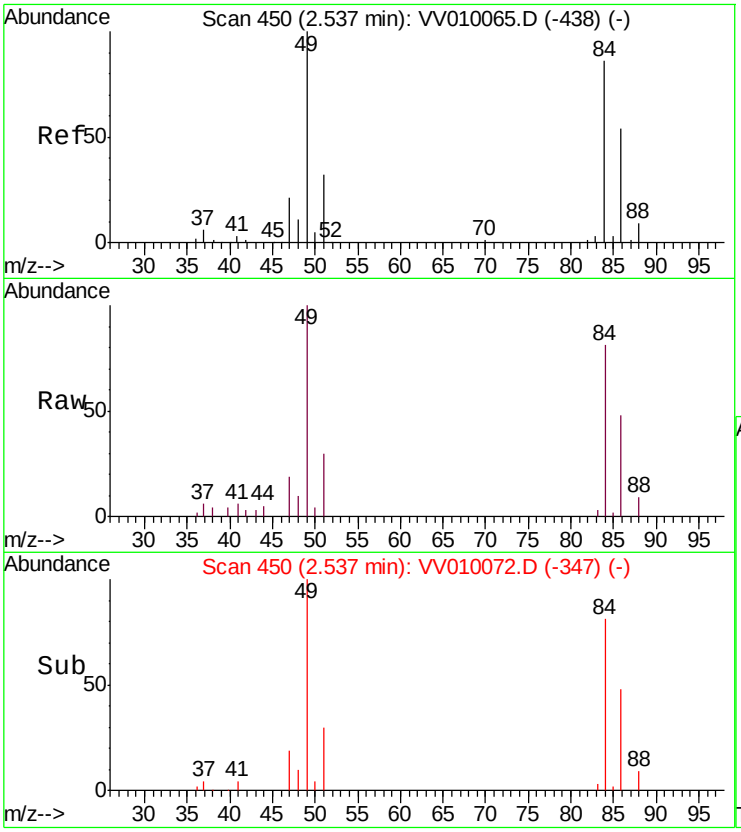


#14
Carbon disulfide
Concen: 0.305 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV010072.D
Acq: 02 Apr 2019 21:57

Tgt Ion: 76 Resp: 2047

Ion	Ratio	Lower	Upper
76	100		
78	13.6	7.1	10.7#





#16
Methylene chloride
Concen: 2.079 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010072.D
Acq: 02 Apr 2019 21:57

Instrument :
MSVOA_V
ClientSampleId :
BF5G5

Tgt Ion: 84 Resp: 8638

Ion	Ratio	Lower	Upper
84	100		
49	123.1	84.3	156.5
86	58.5	45.4	84.2