Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010965.D
Acq On : 20 May 2019 18:38
Operator : SY/MD
Sample : K2846-06
Misc : 4.40G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB5

Quant Time: May 21 04:49:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132708	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54300	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25155	16.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.52%			
7) Chloroethane-d5	1.57	69	20232	19.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.00%			
10) 1,1-Dichloroethene-d2	2.12	63	39034	13.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.68%			
20) 2-Butanone-d5	3.94	46	21656	41.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.96%			
24) Chloroform-d	4.40	84	67806	19.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.88%			
26) 1,2-Dichloroethane-d4	5.08	65	42031	20.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.00%			
29) Benzene-d6	5.10	84	146357	20.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.28%			
33) 1,2-Dichloropropane-d6	6.12	67	49668	21.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.88%			
37) Toluene-d8	7.36	98	128570	19.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.76%			
38) trans-1,3-Dichloropropene-	7.66	79	16968	18.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.12%			
39) 2-Hexanone-d5	8.13	63	17565	41.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.32%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42190	18.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 74.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	47183	21.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.60%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3741	7.431	ug/L	99
14) Carbon disulfide	2.31	76	7703	1.964	ug/L	99
16) Methylene chloride	2.53	84	4642	2.038	ug/L	95

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

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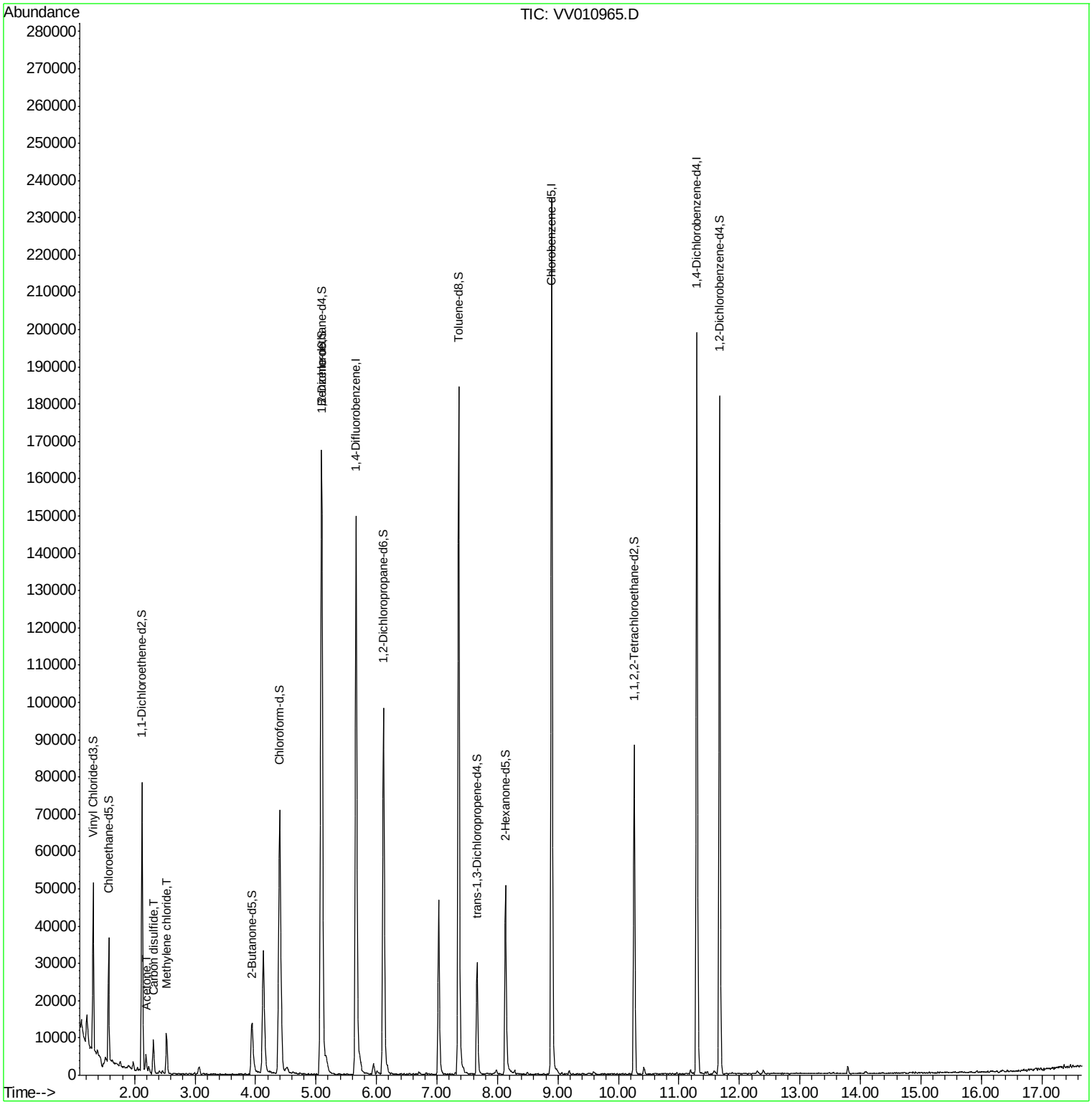
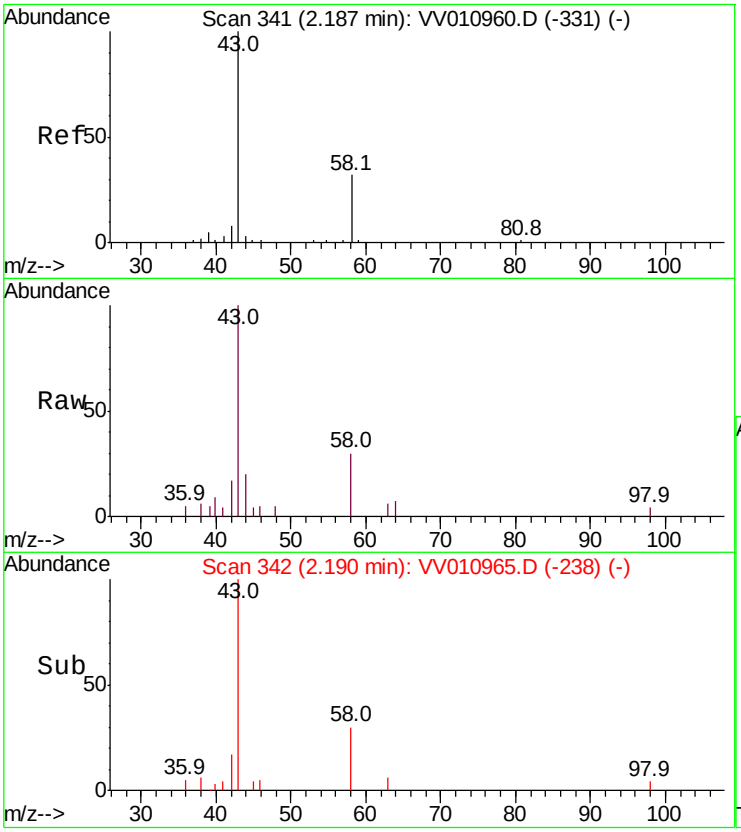


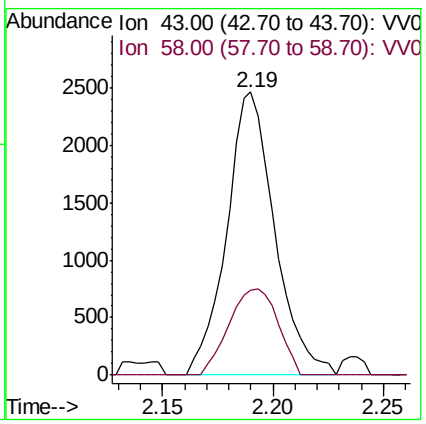


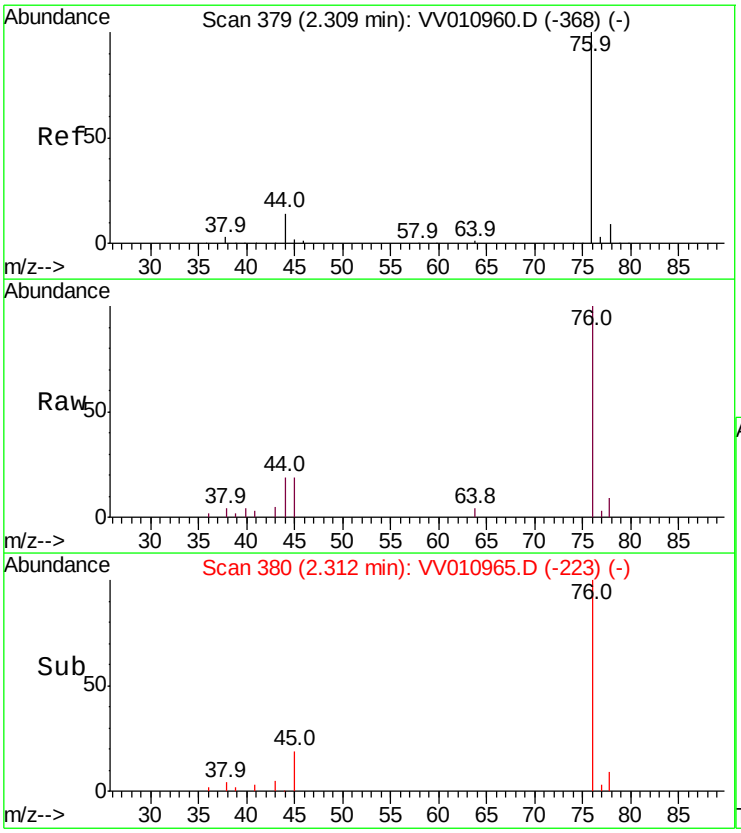
#13
Acetone
Concen: 7.431 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010965.D
Acq: 20 May 2019 18:38

Instrument :
MSVOA_V
ClientSampleId :
BFHB5

Tgt Ion: 43 Resp: 3741

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	60.8

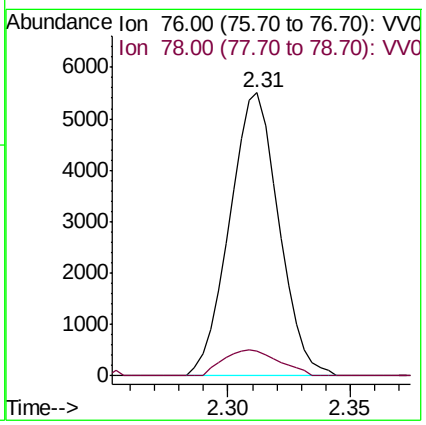


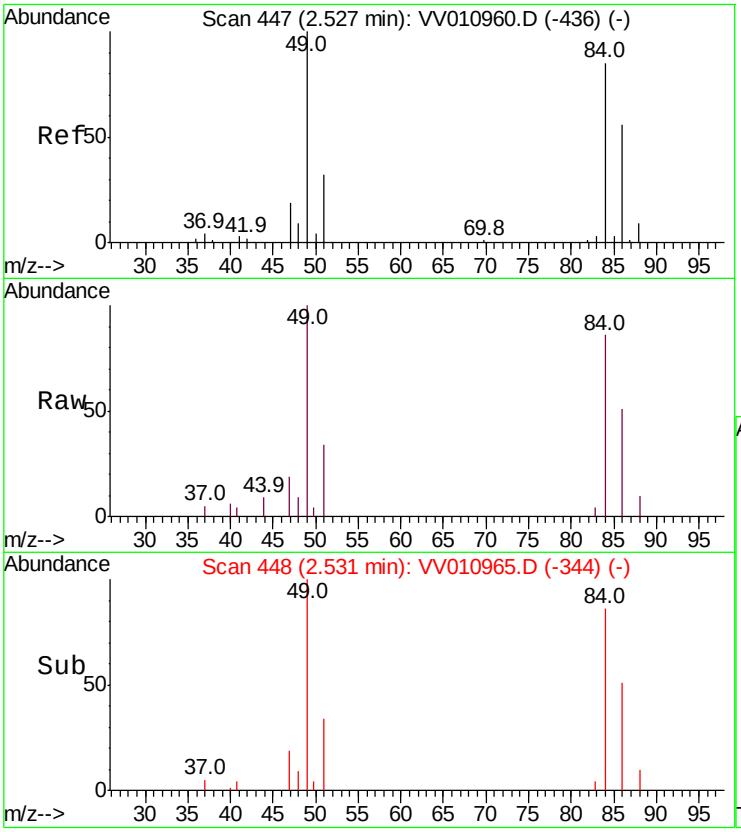


#14
Carbon disulfide
Concen: 1.964 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV010965.D
Acq: 20 May 2019 18:38

Tgt Ion: 76 Resp: 7703

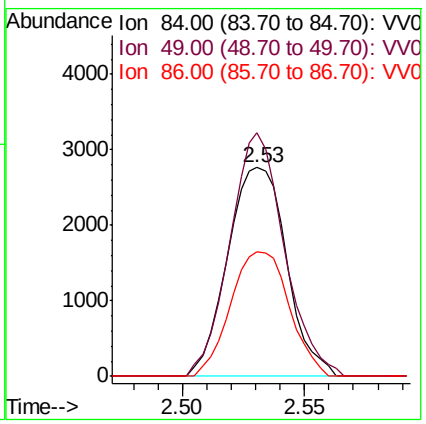
Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8





#16
Methylene chloride
Concen: 2.038 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010965.D
Acq: 20 May 2019 18:38

Instrument :
MSVOA_V
ClientSampleId :
BFHB5

Tgt Ion: 84 Resp: 4642

Ion	Ratio	Lower	Upper
84	100		
49	116.7	77.4	143.8
86	59.6	44.0	81.6