Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010968.D
Acq On : 20 May 2019 20:02
Operator : SY/MD
Sample : K2846-09
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH90

Quant Time: May 21 05:03:41 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	95526	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	96219	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36986	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	17739	16.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.16%			
7) Chloroethane-d5	1.57	69	15207	20.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.48%			
10) 1,1-Dichloroethene-d2	2.12	63	28405	13.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.24%			
20) 2-Butanone-d5	3.94	46	24712	65.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.52%			
24) Chloroform-d	4.40	84	56523	22.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.36%			
26) 1,2-Dichloroethane-d4	5.08	65	37057	25.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%			
29) Benzene-d6	5.10	84	111600	21.25	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.00%			
33) 1,2-Dichloropropane-d6	6.12	67	41021	24.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.32%			
37) Toluene-d8	7.36	98	94940	19.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.76%			
38) trans-1,3-Dichloropropene-	7.66	79	12993	18.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.84%			
39) 2-Hexanone-d5	8.13	63	18948	60.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42441	25.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.88%			
61) 1,2-Dichlorobenzene-d4	11.67	152	35675	23.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.04%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3427	9.457	ug/L	95
14) Carbon disulfide	2.31	76	5964	2.113	ug/L	96
16) Methylene chloride	2.53	84	4079	2.488	ug/L	97

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

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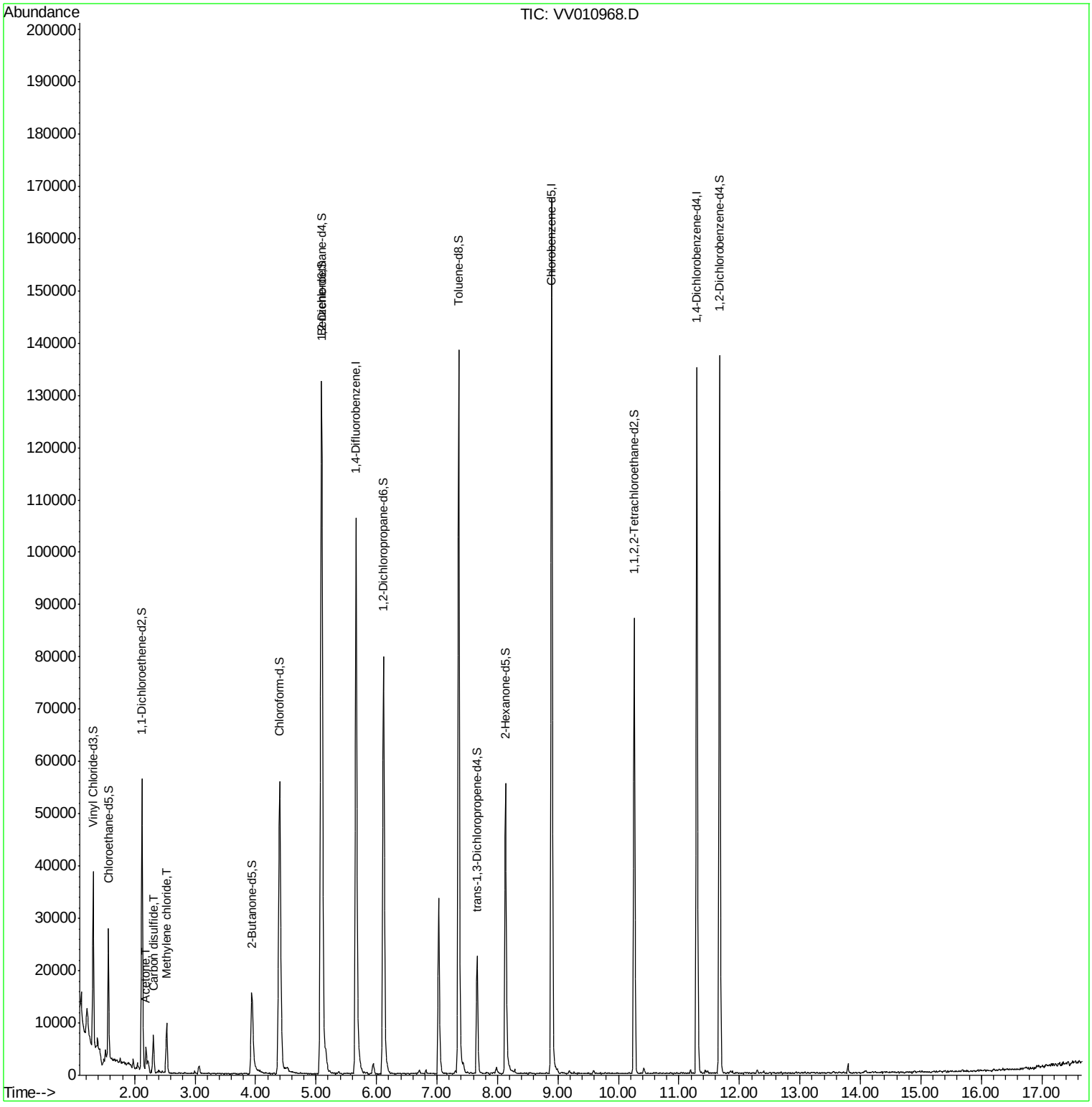
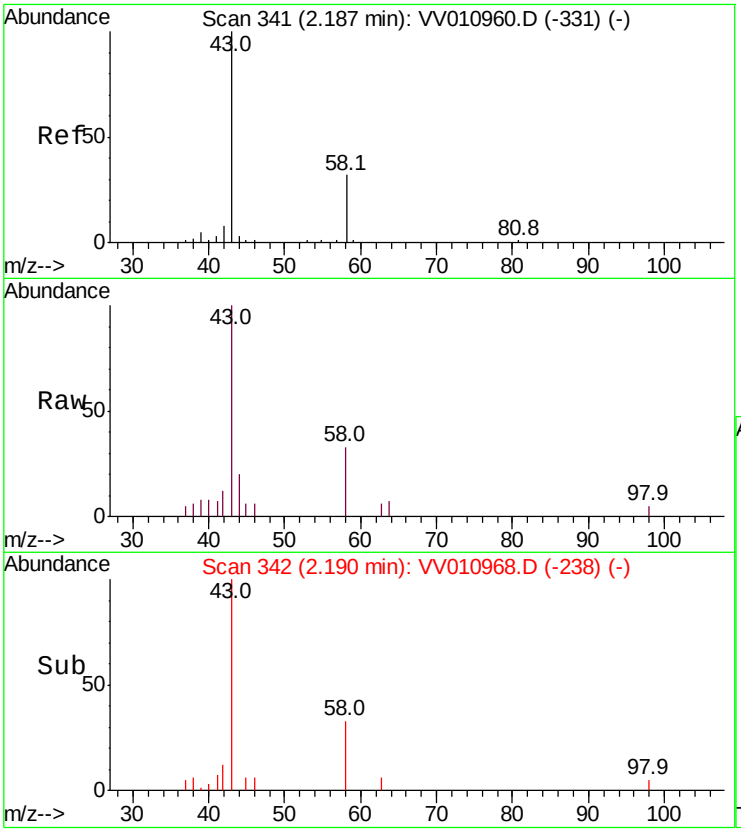


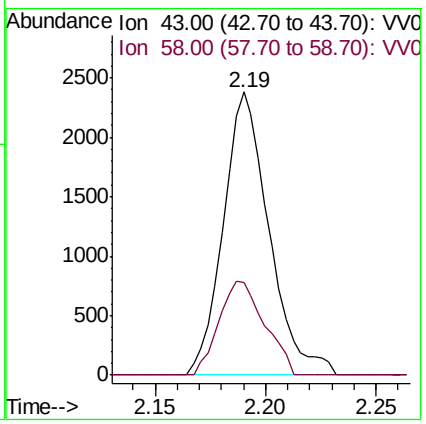


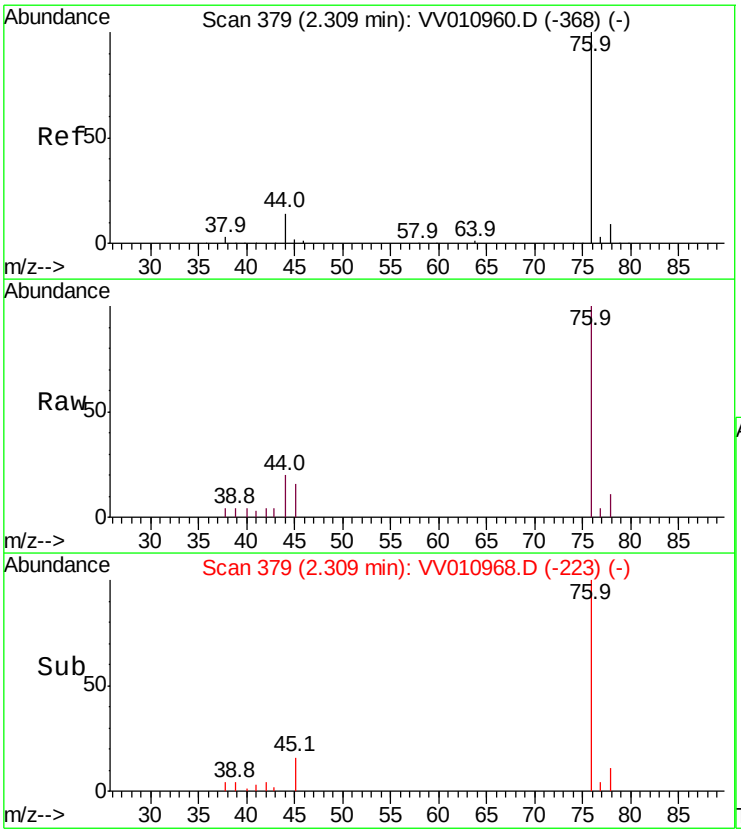
#13
Acetone
Concen: 9.457 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010968.D
Acq: 20 May 2019 20:02

Instrument :
MSVOA_V
ClientSampleId :
BFH90

Tgt Ion: 43 Resp: 3427

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	60.8

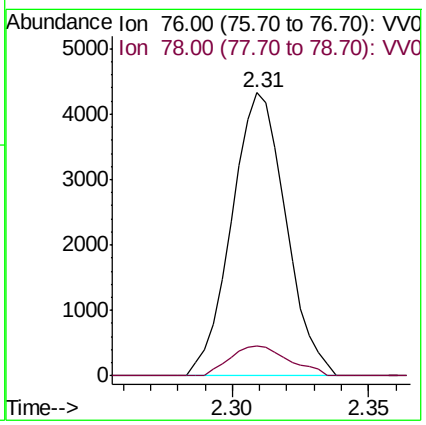


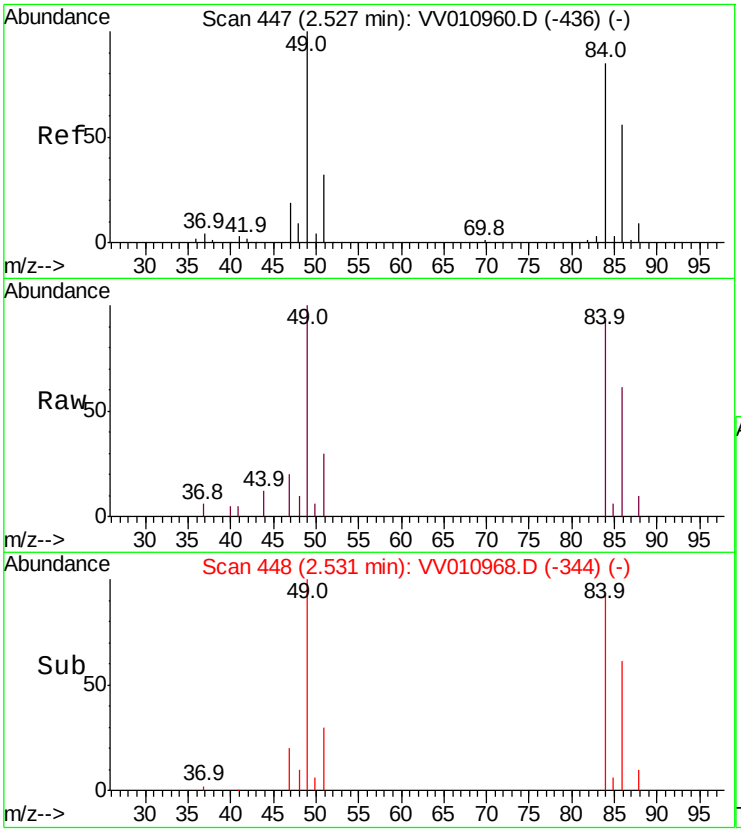


#14
Carbon disulfide
Concen: 2.113 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV010968.D
Acq: 20 May 2019 20:02

Tgt Ion: 76 Resp: 5964

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.2	10.8





#16
Methylene chloride
Concen: 2.488 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010968.D
Acq: 20 May 2019 20:02

Instrument :
MSVOA_V
ClientSampleId :
BFH90

Tgt Ion: 84 Resp: 4079

Ion	Ratio	Lower	Upper
84	100		
49	108.1	77.4	143.8
86	66.2	44.0	81.6