Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010972.D
Acq On : 20 May 2019 21:54
Operator : SY/MD
Sample : K2846-15
Misc : 4.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHB8

Quant Time: May 21 05:14:13 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	102369	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	101171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39711	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20077	17.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.80%			
7) Chloroethane-d5	1.57	69	16332	20.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.68%			
10) 1,1-Dichloroethene-d2	2.12	63	29854	13.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.20%			
20) 2-Butanone-d5	3.94	46	21089	52.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.74%			
24) Chloroform-d	4.40	84	45748	17.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 69.00%			
26) 1,2-Dichloroethane-d4	5.08	65	36229	23.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.76%			
29) Benzene-d6	5.10	84	117911	21.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.40%			
33) 1,2-Dichloropropane-d6	6.12	67	41578	23.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.76%			
37) Toluene-d8	7.36	98	98348	19.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.60%			
38) trans-1,3-Dichloropropene-	7.66	79	13482	18.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.84%			
39) 2-Hexanone-d5	8.13	63	18956	57.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.82%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42693	24.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	37849	23.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1614	4.156	ug/L	86
16) Methylene chloride	2.53	84	4051	2.306	ug/L	96

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

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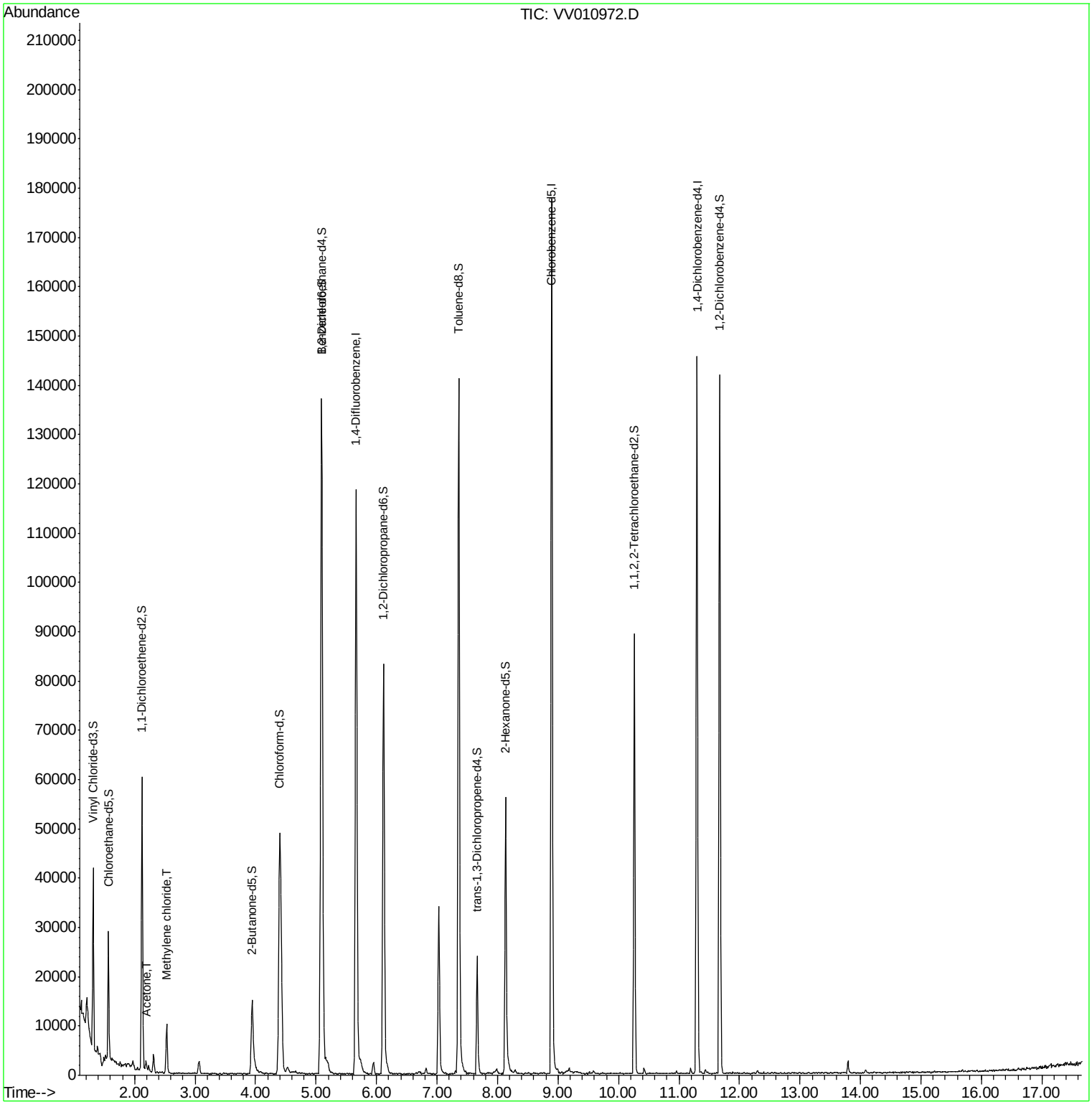
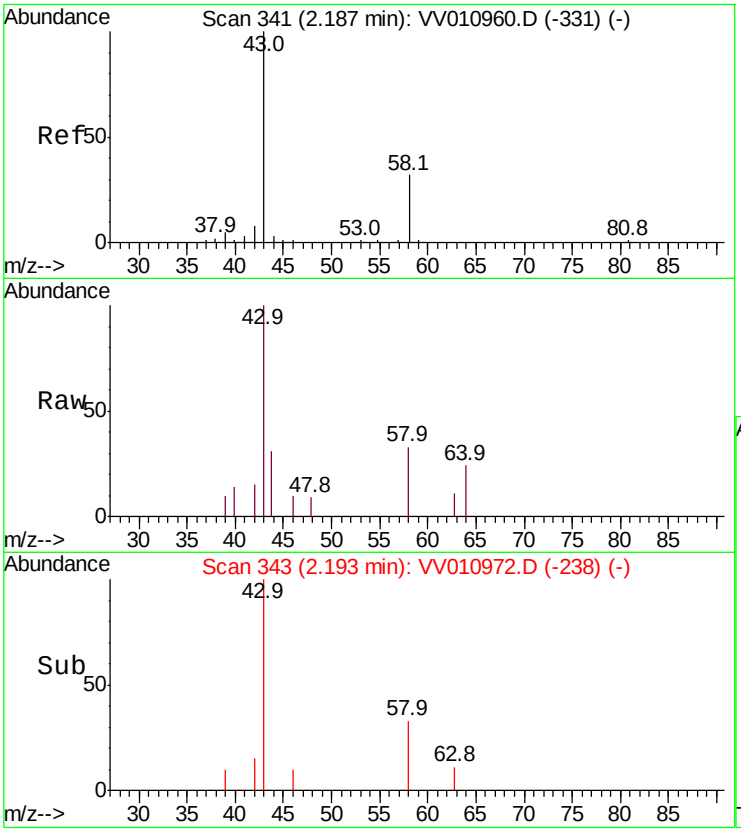


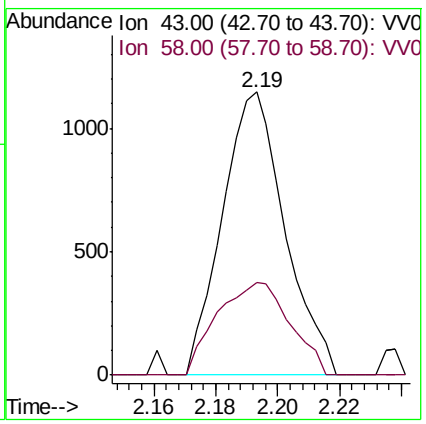


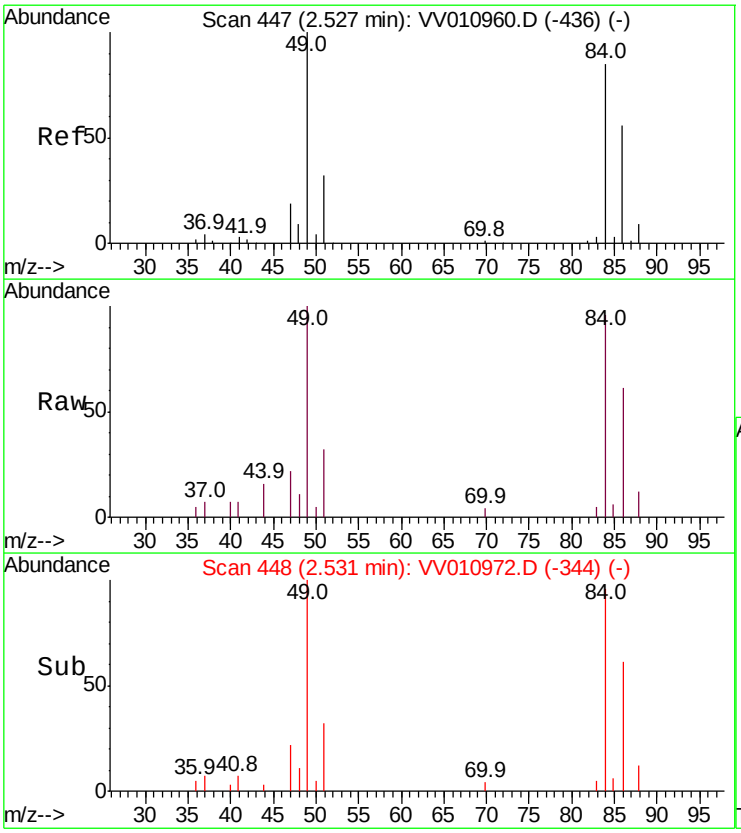
#13
Acetone
Concen: 4.156 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010972.D
Acq: 20 May 2019 21:54

Instrument :
MSVOA_V
ClientSampleId :
BFHB8

Tgt Ion: 43 Resp: 1614

Ion	Ratio	Lower	Upper
43	100		
58	38.0	0.0	60.8





#16
Methylene chloride
Concen: 2.306 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010972.D
Acq: 20 May 2019 21:54

Tgt Ion: 84 Resp: 4051

Ion	Ratio	Lower	Upper
84	100		
49	104.5	77.4	143.8
86	63.2	44.0	81.6