Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041219\

Quantitation Report (LSC Reviewed)

Data File : VV010292.D
Acq On : 12 Apr 2019 17:15
Operator : SY/MD
Sample : K2304-10
Misc : 5.34G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF894

Quant Time: Apr 13 05:39:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	202104	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88842	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37003	15.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.64%			
7) Chloroethane-d5	1.57	69	39715	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.44%			
10) 1,1-Dichloroethene-d2	2.13	63	82093	13.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.44%			
20) 2-Butanone-d5	3.93	46	42082	71.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.96%#			
24) Chloroform-d	4.40	84	104713	22.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.76%			
26) 1,2-Dichloroethane-d4	5.08	65	66554	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%			
29) Benzene-d6	5.10	84	202035	20.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.40%			
33) 1,2-Dichloropropane-d6	6.12	67	65322	22.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.64%			
37) Toluene-d8	7.36	98	184705	19.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.16%			
38) trans-1,3-Dichloropropene-	7.66	79	24709	20.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.24%			
39) 2-Hexanone-d5	8.13	63	29557	59.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.72%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71008	27.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.76%			
61) 1,2-Dichlorobenzene-d4	11.68	152	78235	23.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
13) Acetone	2.19	43	5459	8.678	ug/L	96
16) Methylene chloride	2.54	84	16792	4.243	ug/L	88

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

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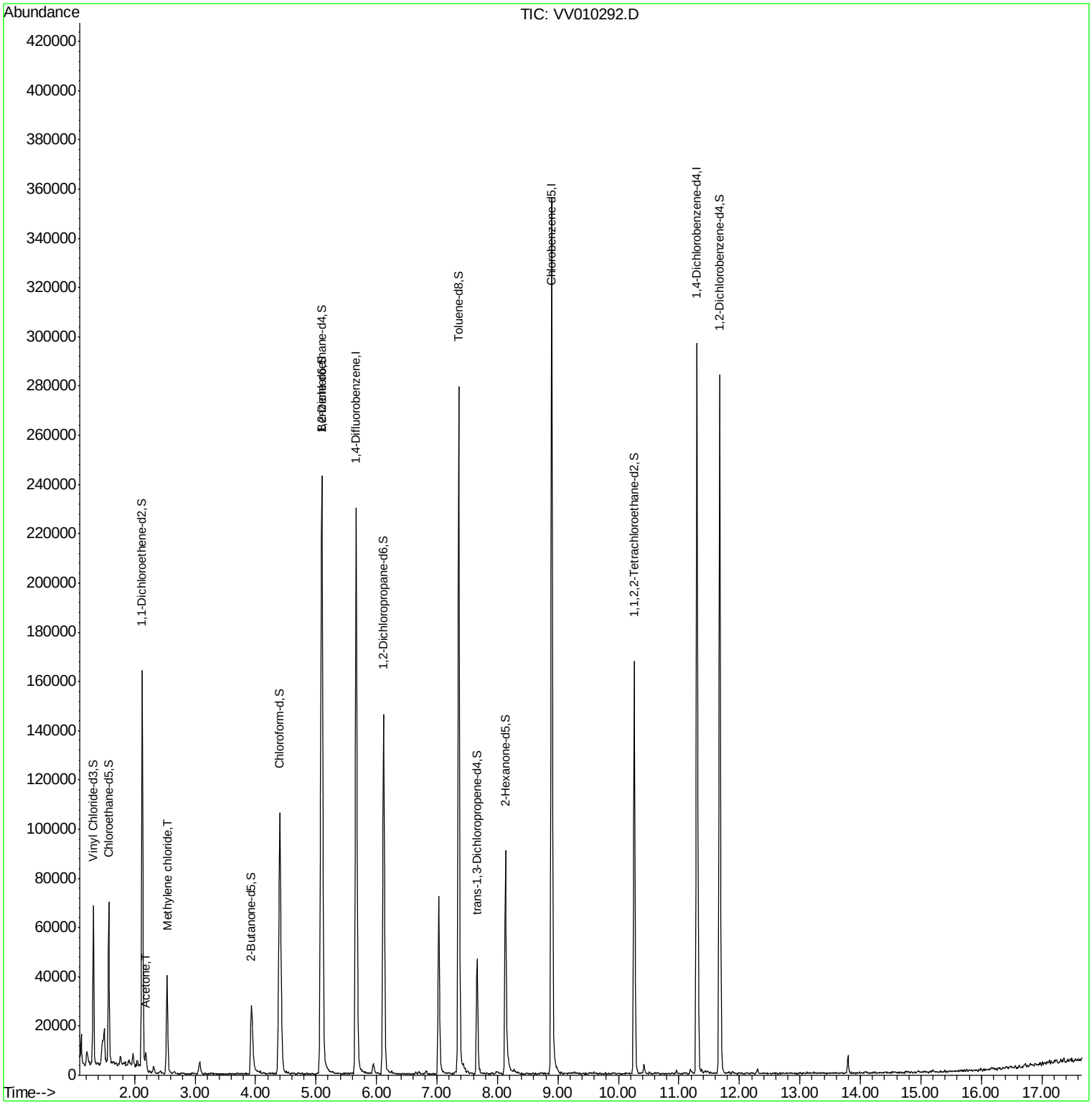
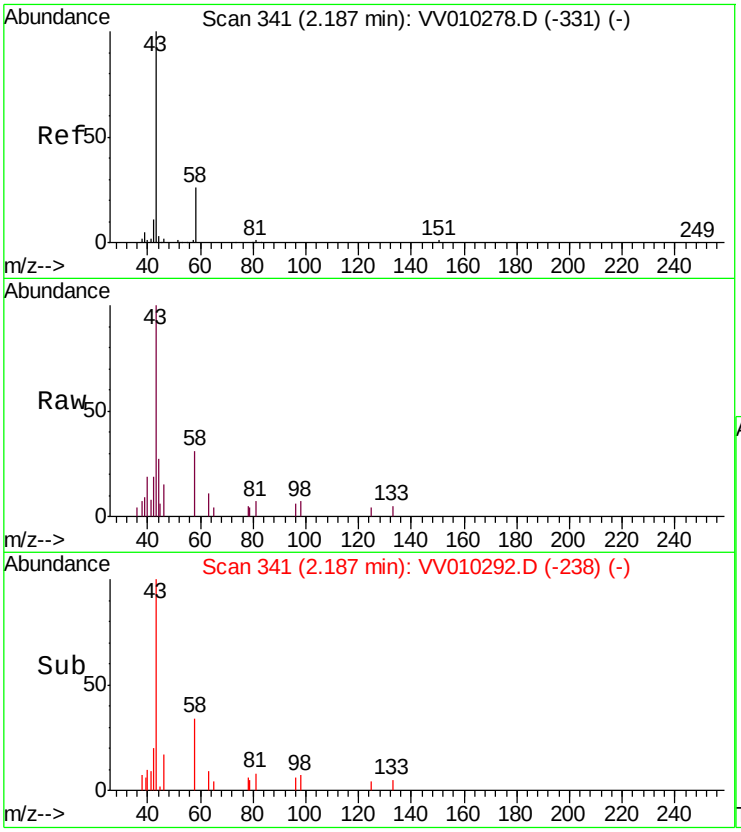
Response via : Initial Calibration



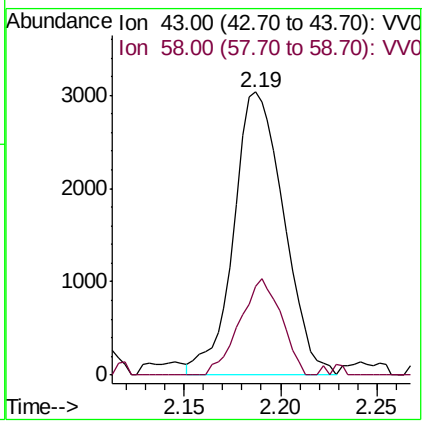


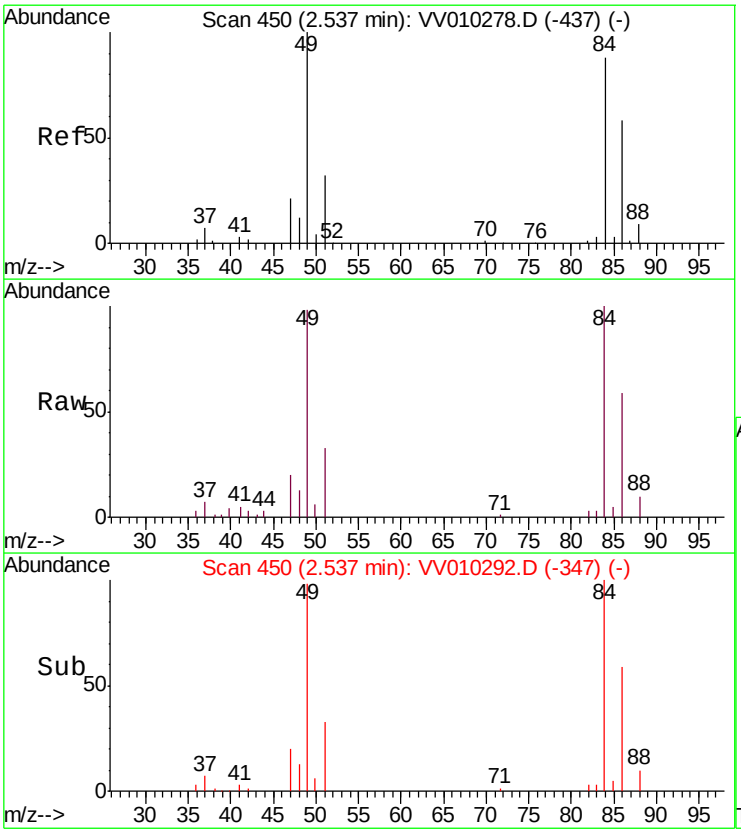
#13
Acetone
Concen: 8.678 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010292.D
Acq: 12 Apr 2019 17:15

Instrument :
MSVOA_V
ClientSampleId :
BF894

Tgt Ion: 43 Resp: 5459

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	61.6





#16
Methylene chloride
Concen: 4.243 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010292.D
Acq: 12 Apr 2019 17:15

Tgt Ion: 84 Resp: 16792

Ion	Ratio	Lower	Upper
84	100		
49	97.6	79.9	148.5
86	59.0	44.5	82.7