Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010033.D
Acq On : 30 Mar 2019 21:07
Operator : SY/MD
Sample : K2119-01
Misc : 5.30G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF598

Quant Time: Mar 31 21:20:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	107033	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41840	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43155	19.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.48%			
7) Chloroethane-d5	1.56	69	51659	22.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.08%			
10) 1,1-Dichloroethene-d2	2.12	63	95532	16.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.32%			
20) 2-Butanone-d5	3.94	46	26433	65.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.62%			
24) Chloroform-d	4.40	84	58155	21.33	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.32%			
26) 1,2-Dichloroethane-d4	5.08	65	45541	27.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.00%			
29) Benzene-d6	5.10	84	127781	22.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.56%			
33) 1,2-Dichloropropane-d6	6.12	67	42991	26.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.16%			
37) Toluene-d8	7.36	98	105569	19.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.04%			
38) trans-1,3-Dichloropropene-	7.67	79	13584	20.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.44%			
39) 2-Hexanone-d5	8.13	63	19815	64.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.60%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47125	28.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.32%			
61) 1,2-Dichlorobenzene-d4	11.68	152	38973	24.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	4401	7.182	ug/L	94
16) Methylene chloride	2.53	84	2664	1.511	ug/L	94

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

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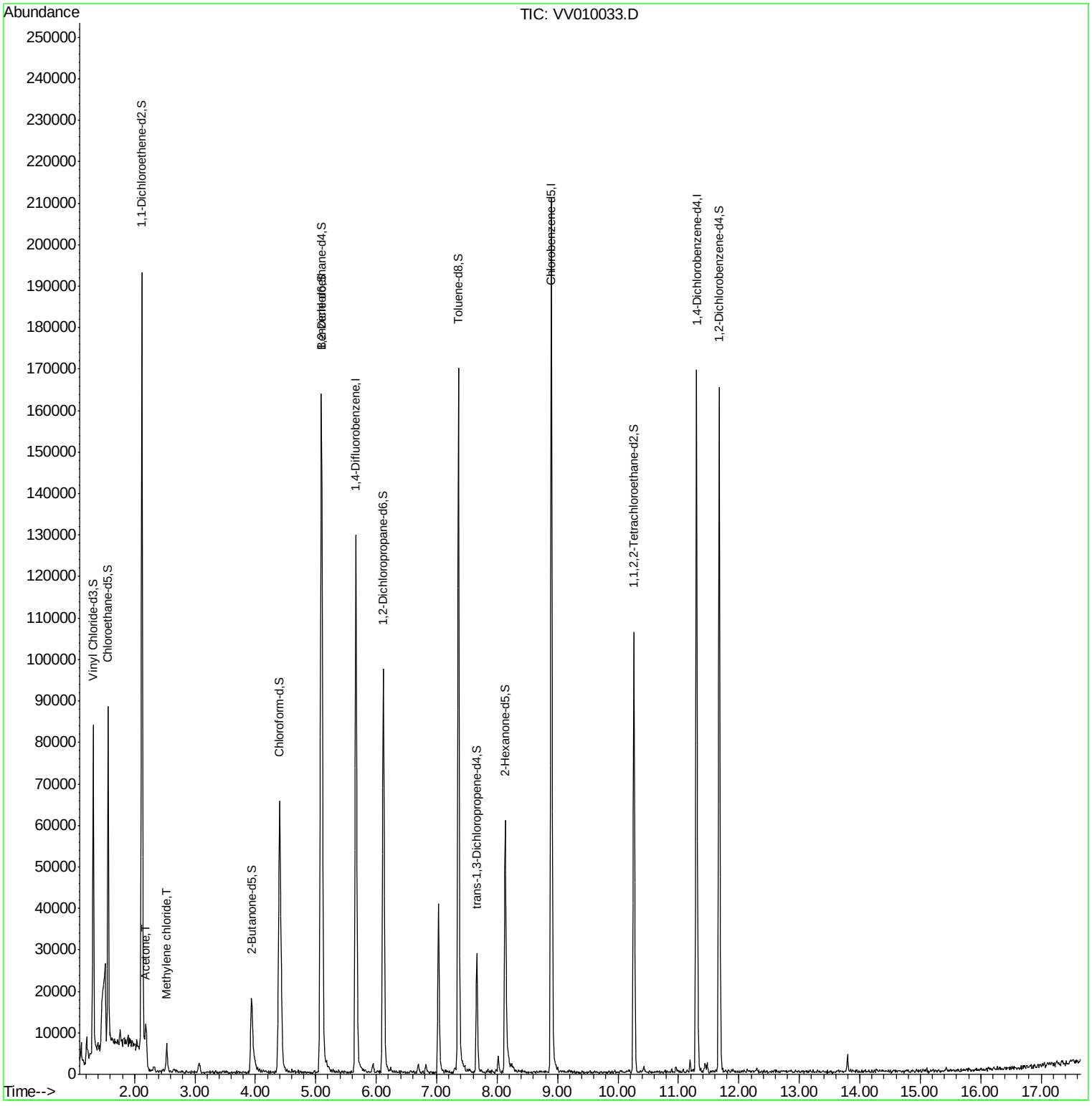
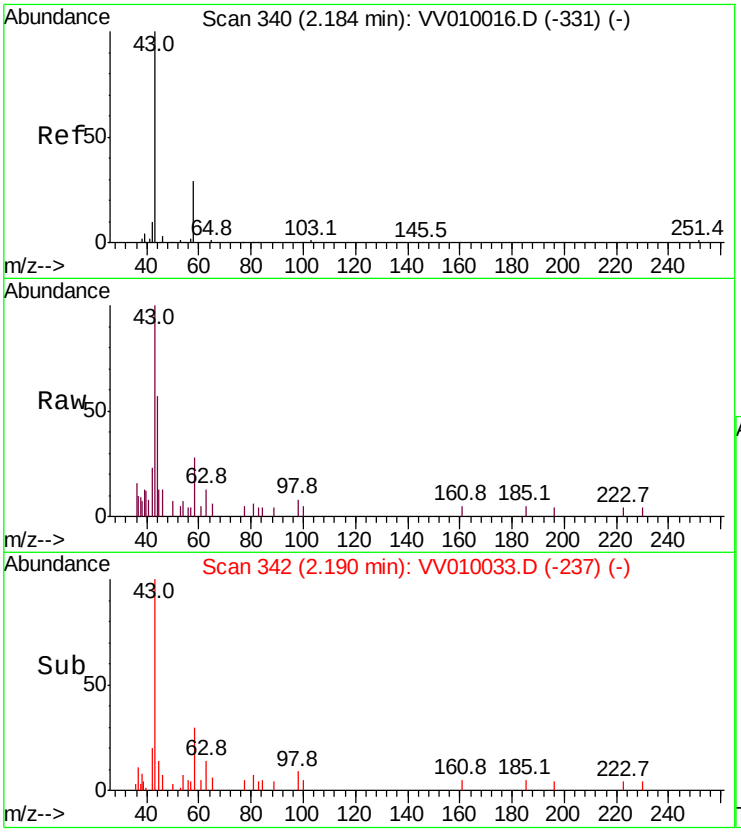


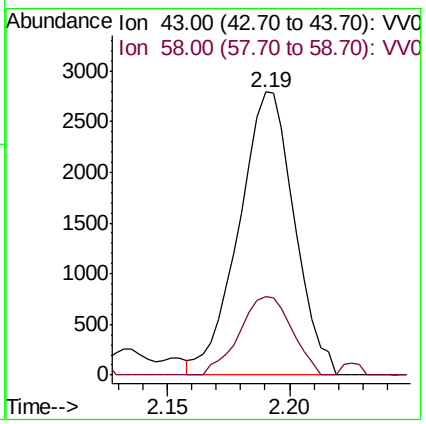


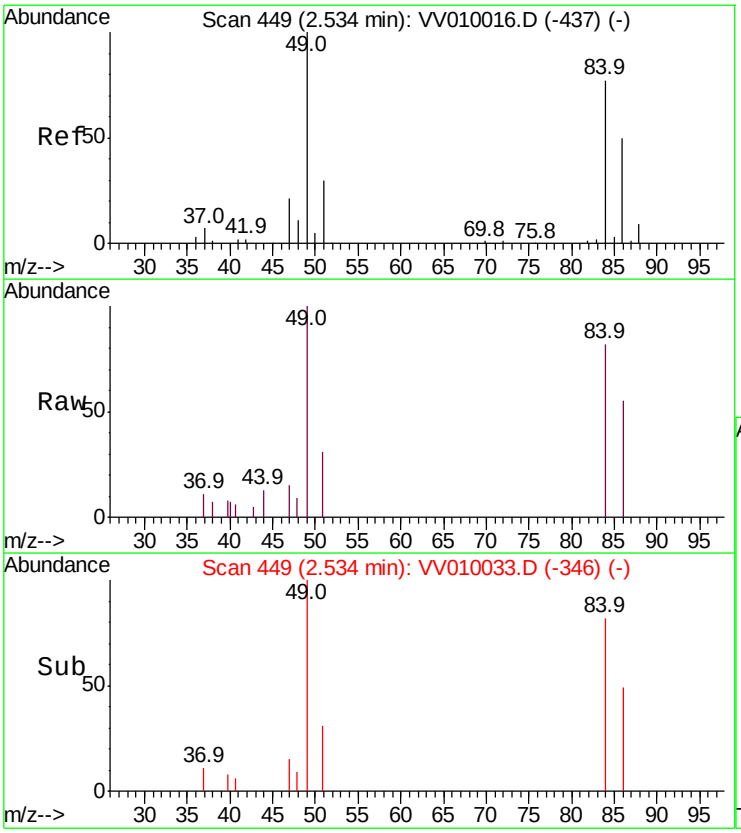
#13
Acetone
Concen: 7.182 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010033.D
Acq: 30 Mar 2019 21:07

Instrument : MSVOA_V
ClientSampleId : BF598

Tgt Ion: 43 Resp: 4401

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	59.4





#16
Methylene chloride
Concen: 1.511 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010033.D
Acq: 30 Mar 2019 21:07

Tgt Ion: 84 Resp: 2664

Ion	Ratio	Lower	Upper
84	100		
49	121.7	90.4	167.8
86	66.9	44.0	81.6