Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (LSC Reviewed)

Data File : VV010928.D
Acq On : 16 May 2019 12:12
Operator : SY/MD
Sample : K2788-12
Misc : 6.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51A1

Quant Time: May 17 05:51:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	103147	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	105861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46586	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31238	23.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.08%			
7) Chloroethane-d5	1.56	69	24008	28.03	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.12%			
10) 1,1-Dichloroethene-d2	2.12	63	46519	18.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.84%			
20) 2-Butanone-d5	3.93	46	27544	66.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.24%			
24) Chloroform-d	4.40	84	72339	24.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.16%			
26) 1,2-Dichloroethane-d4	5.08	65	44429	26.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.96%			
29) Benzene-d6	5.09	84	146368	24.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.92%			
33) 1,2-Dichloropropane-d6	6.11	67	49760	26.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.48%			
37) Toluene-d8	7.36	98	128272	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.12%			
38) trans-1,3-Dichloropropene-	7.66	79	18885	23.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.64%			
39) 2-Hexanone-d5	8.13	63	22498	63.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.02%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50337	29.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.12%			
61) 1,2-Dichlorobenzene-d4	11.67	152	53454	27.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2240	5.319	ug/L	88
14) Carbon disulfide	2.31	76	6815	1.903	ug/L	99

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

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MSVOA_V
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Quant Time: May 17 05:51:41 2019
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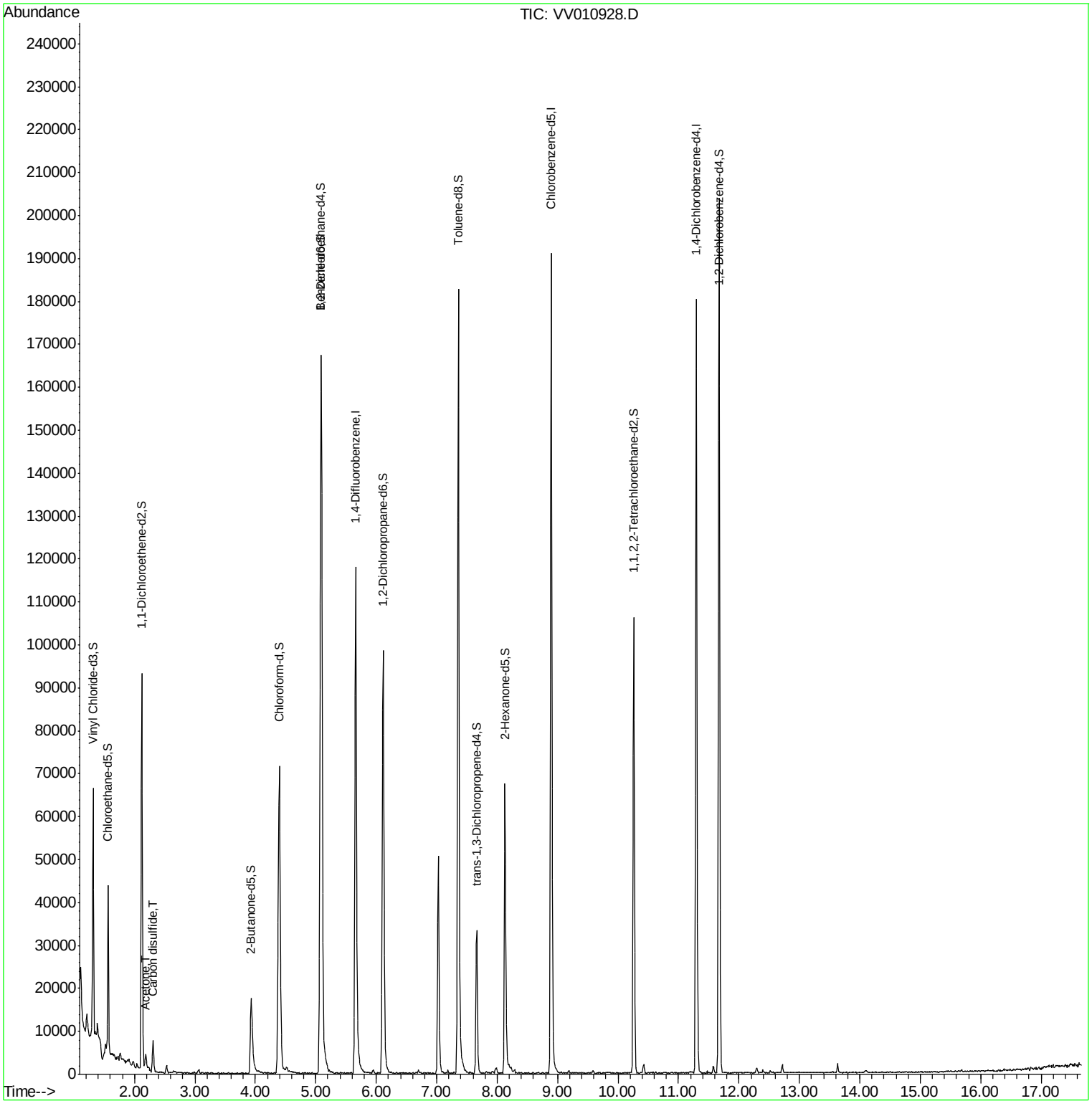
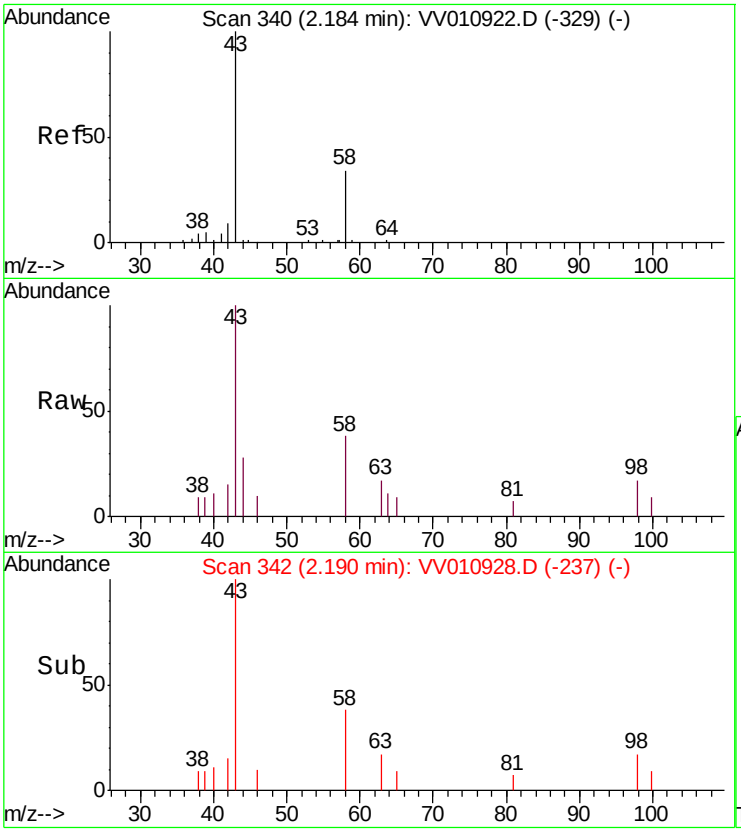
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration



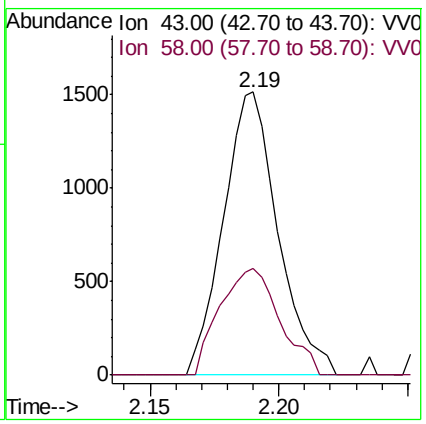


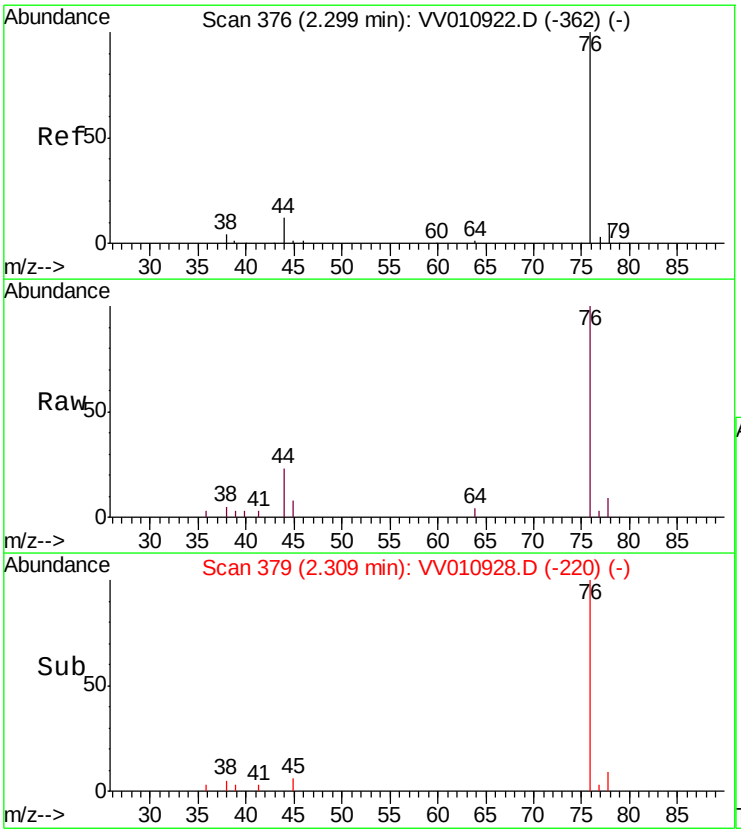
#13
Acetone
Concen: 5.319 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010928.D
Acq: 16 May 2019 12:12

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Tgt Ion: 43 Resp: 2240

Ion	Ratio	Lower	Upper
43	100		
58	41.3	0.0	69.2





#14
Carbon disulfide
Concen: 1.903 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.01 min
Lab File: VV010928.D
Acq: 16 May 2019 12:12

Tgt Ion: 76 Resp: 6815

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8