Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100419\
Data File : VV013044.D
Acq On : 04 Oct 2019 13:18
Operator : SY/MD
Sample : K5202-06
Misc : 5.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AB0

Quant Time: Oct 04 18:47:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 04 18:24:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	671333	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	643854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	283189	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	203932	19.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.32%			
7) Chloroethane-d5	1.58	69	184034	21.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.40%			
10) 1,1-Dichloroethene-d2	2.13	63	280246	16.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.72%			
20) 2-Butanone-d5	3.94	46	167824	46.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.32%			
24) Chloroform-d	4.40	84	424102	23.00	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.08	65	258897	24.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.60%			
29) Benzene-d6	5.10	84	856931	23.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.36%			
33) 1,2-Dichloropropane-d6	6.11	67	281365	24.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.88%			
37) Toluene-d8	7.36	98	730287	22.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.52%			
38) trans-1,3-Dichloropropene-	7.66	79	105939	22.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.80%			
39) 2-Hexanone-d5	8.13	63	105952	46.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.46%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	260235	24.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.28%			
61) 1,2-Dichlorobenzene-d4	11.67	152	271456	24.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.68%			
Target Compounds						Qvalue
13) Acetone	2.20	43	24617	6.440	ug/L	97
16) Methylene chloride	2.53	84	16609	1.655	ug/L	96

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

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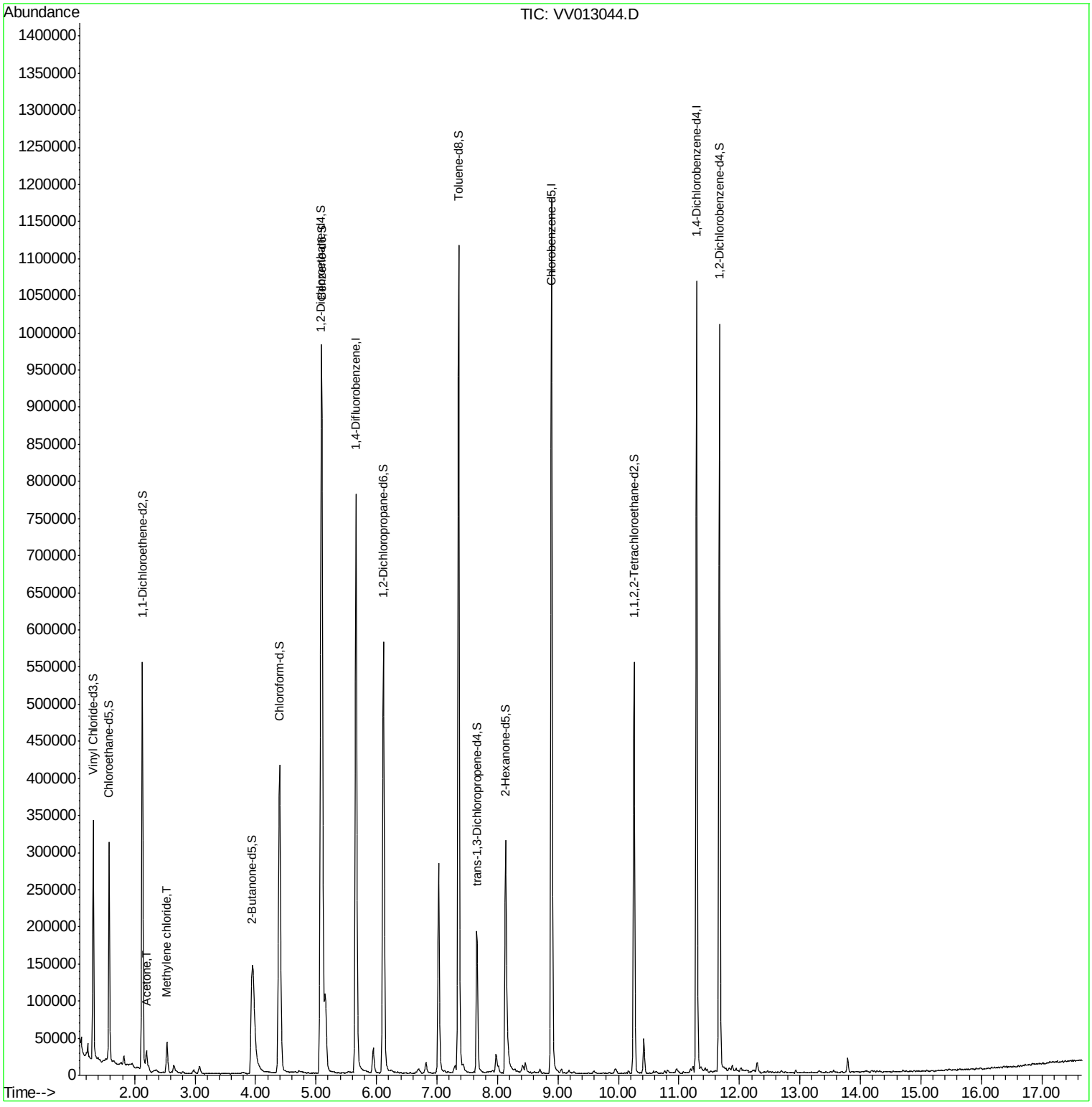
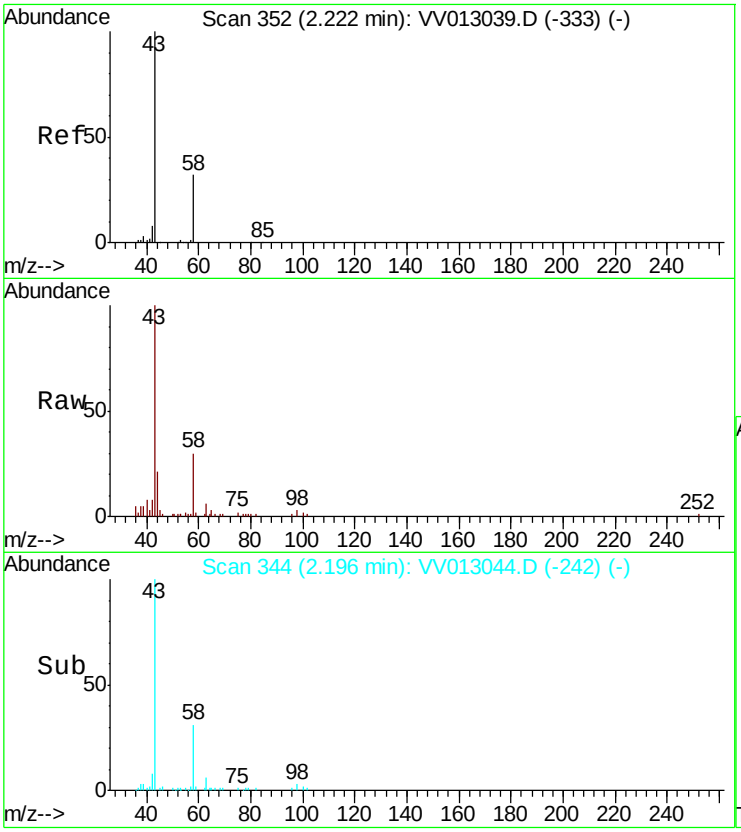


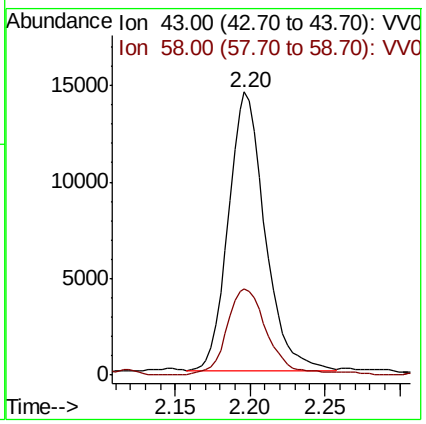


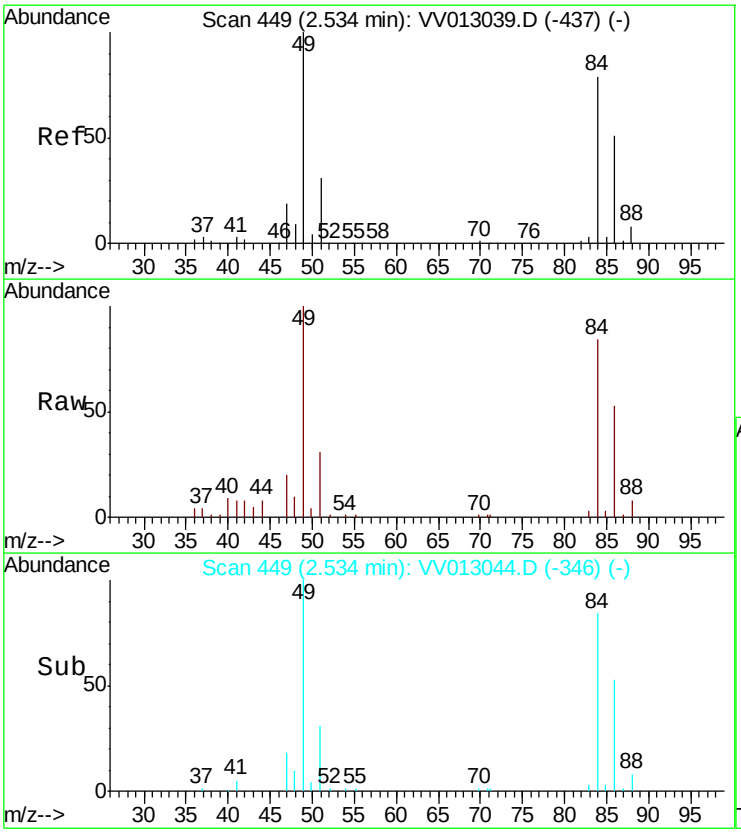
#13
Acetone
Concen: 6.440 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.00 min
Lab File: VV013044.D
Acq: 04 Oct 2019 13:18

Instrument :
MSVOA_V
ClientSampleId :
C0AB0

Tgt Ion: 43 Resp: 24617

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	65.0





#16
Methylene chloride
Concen: 1.655 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013044.D
Acq: 04 Oct 2019 13:18

Tgt Ion: 84 Resp: 16609

Ion	Ratio	Lower	Upper
84	100		
49	119.1	88.3	164.1
86	63.7	44.9	83.3