Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\

Quantitation Report (Not Reviewed)

Data File : VW014404.D
Acq On : 17 Dec 2019 20:57
Operator : SY/VA
Sample : VW1217SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK13

Quant Time: Dec 18 03:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1091650	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1005526	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	425745	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	291944	17.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.64%			
7) Chloroethane-d5	2.89	69	252850	20.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.28%			
10) 1,1-Dichloroethene-d2	4.01	63	424859	14.55	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.20%			
20) 2-Butanone-d5	7.07	46	197101	45.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.52%			
24) Chloroform-d	7.65	84	626577	22.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.16%			
26) 1,2-Dichloroethane-d4	8.30	65	343220	23.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.20%			
29) Benzene-d6	8.27	84	1265492	21.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.88%			
33) 1,2-Dichloropropane-d6	9.27	67	409597	22.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.36%			
37) Toluene-d8	10.32	98	1103311	20.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.80%			
38) trans-1,3-Dichloropropene-	10.58	79	152094	20.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.00%			
39) 2-Hexanone-d5	10.92	63	149413	41.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.90%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	319794	21.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.56%			
61) 1,2-Dichlorobenzene-d4	13.85	152	374103	23.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.00%			

Target Compounds						Qvalue
13) Acetone	4.12	43	18742	4.513	ug/L	100
16) Methylene chloride	4.92	84	27335	1.633	ug/L	92
49) 2-Hexanone	10.92	43	17747	2.311	ug/L #	67

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

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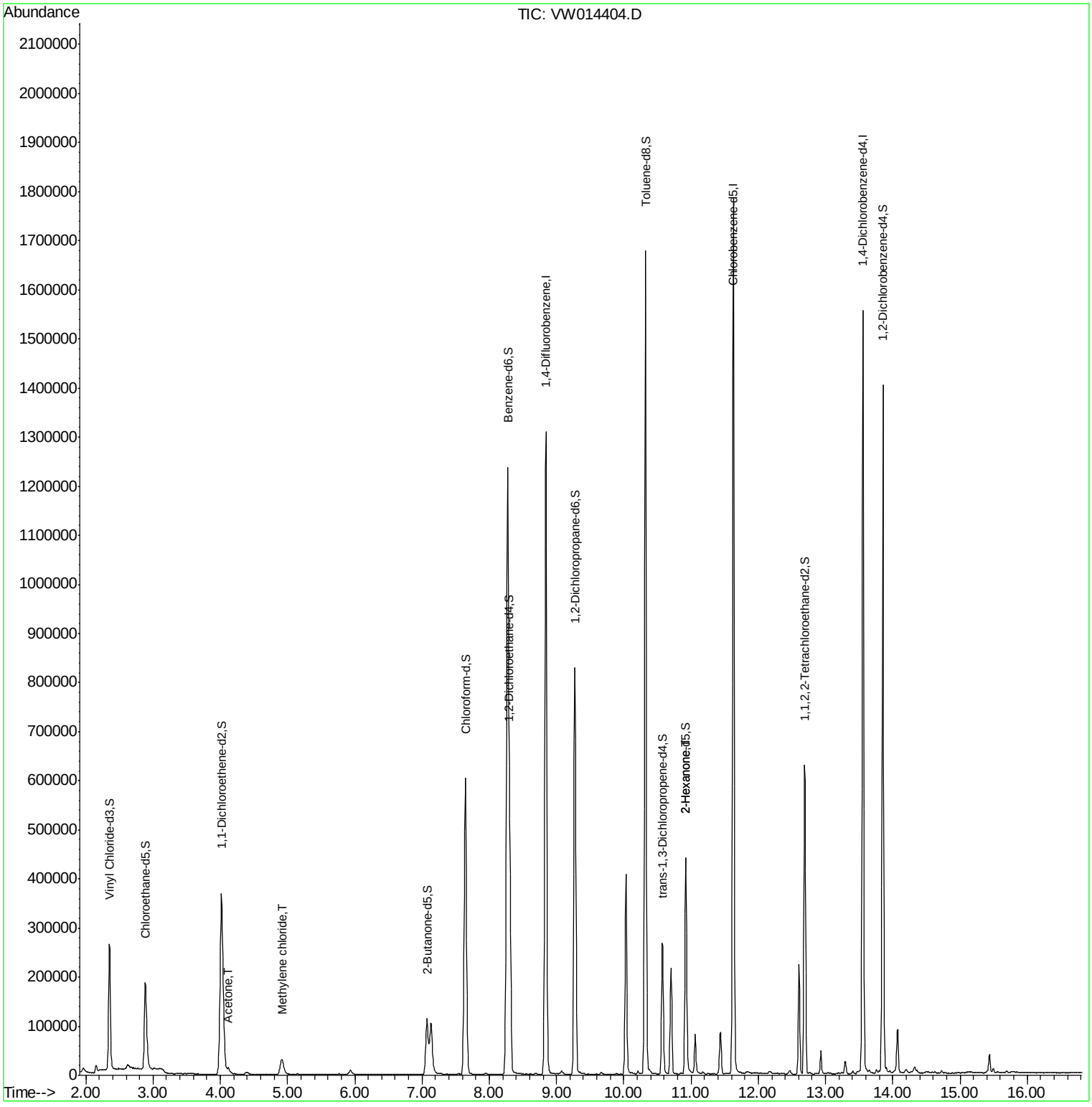
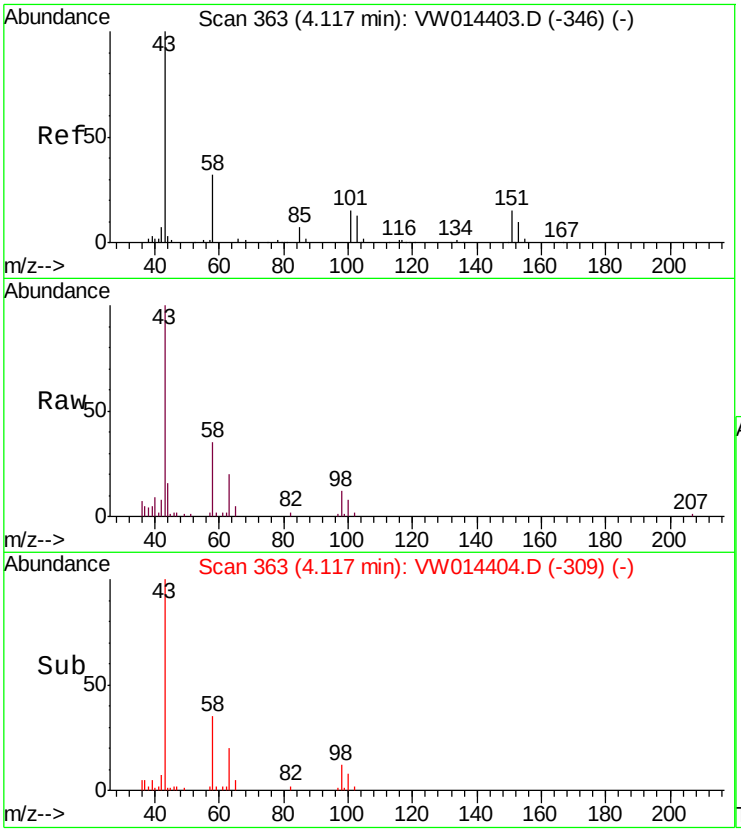
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration



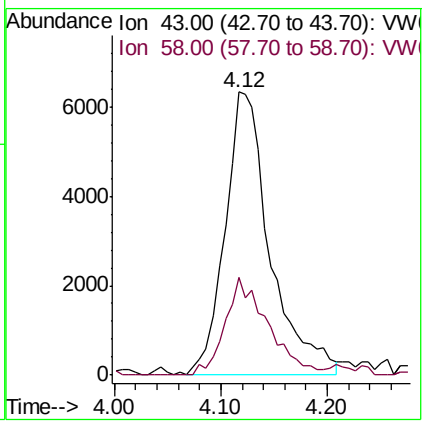


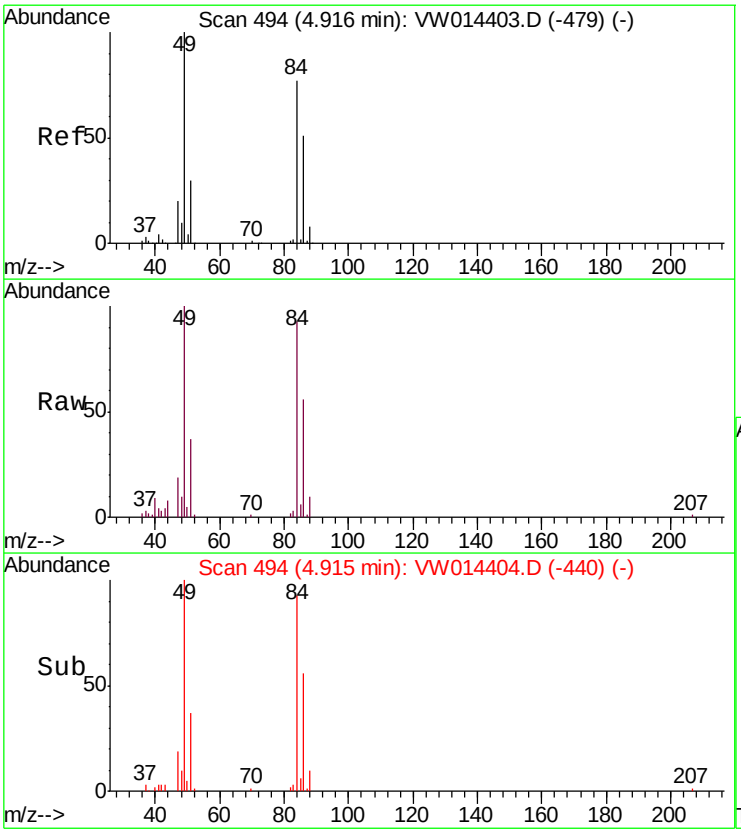
#13
Acetone
Concen: 4.513 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014404.D
Acq: 17 Dec 2019 20:57

Instrument :
MSVOA_W
ClientSampleId :
VBLK13

Tgt Ion: 43 Resp: 18742

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	65.4

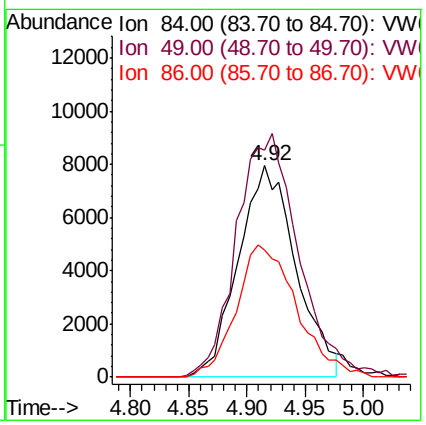


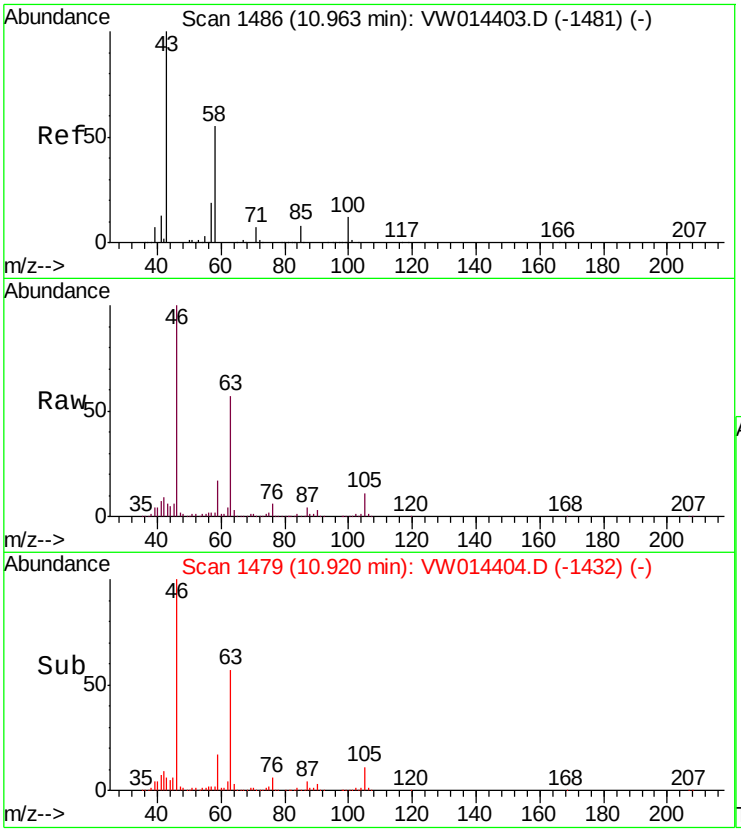


#16
Methylene chloride
Concen: 1.633 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014404.D
Acq: 17 Dec 2019 20:57

Tgt Ion: 84 Resp: 27335

Ion	Ratio	Lower	Upper
84	100		
49	107.8	84.2	156.4
86	60.3	43.7	81.1





#49
2-Hexanone
Concen: 2.311 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW014404.D
Acq: 17 Dec 2019 20:57

Instrument :
MSVOA_W
ClientSampleId :
VBLK13

Tgt Ion: 43 Resp: 17747

Ion	Ratio	Lower	Upper
43	100		
58	30.1	44.4	66.6#
57	34.2	16.5	24.7#
100	2.1	11.1	16.7#