Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062619\

Quantitation Report (Not Reviewed)

Data File : VW011001.D
Acq On : 26 Jun 2019 13:44
Operator : SY/VA
Sample : K3456-17
Misc : 4.29G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY2

Quant Time: Jun 27 07:34:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337830	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309901	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144735	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	85254	19.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.88%			
7) Chloroethane-d5	2.89	69	64449	19.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.36%			
10) 1,1-Dichloroethene-d2	4.02	63	146471	14.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.60%			
20) 2-Butanone-d5	7.07	46	102334	49.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.52%			
24) Chloroform-d	7.65	84	196253	21.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.16%			
26) 1,2-Dichloroethane-d4	8.30	65	131842	23.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%			
29) Benzene-d6	8.27	84	399637	21.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.92%			
33) 1,2-Dichloropropane-d6	9.27	67	139775	22.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.96%			
37) Toluene-d8	10.32	98	356398	21.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.92%			
38) trans-1,3-Dichloropropene-	10.58	79	52184	19.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.72%			
39) 2-Hexanone-d5	10.93	63	68805	49.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121952	24.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.28%			
61) 1,2-Dichlorobenzene-d4	13.85	152	130107	23.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.24%			
Target Compounds						Qvalue
13) Acetone	4.12	43	6112	3.104	ug/L	89
16) Methylene chloride	4.92	84	9290	1.857	ug/L	97
49) 2-Hexanone	10.93	43	9583	2.590	ug/L #	67

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

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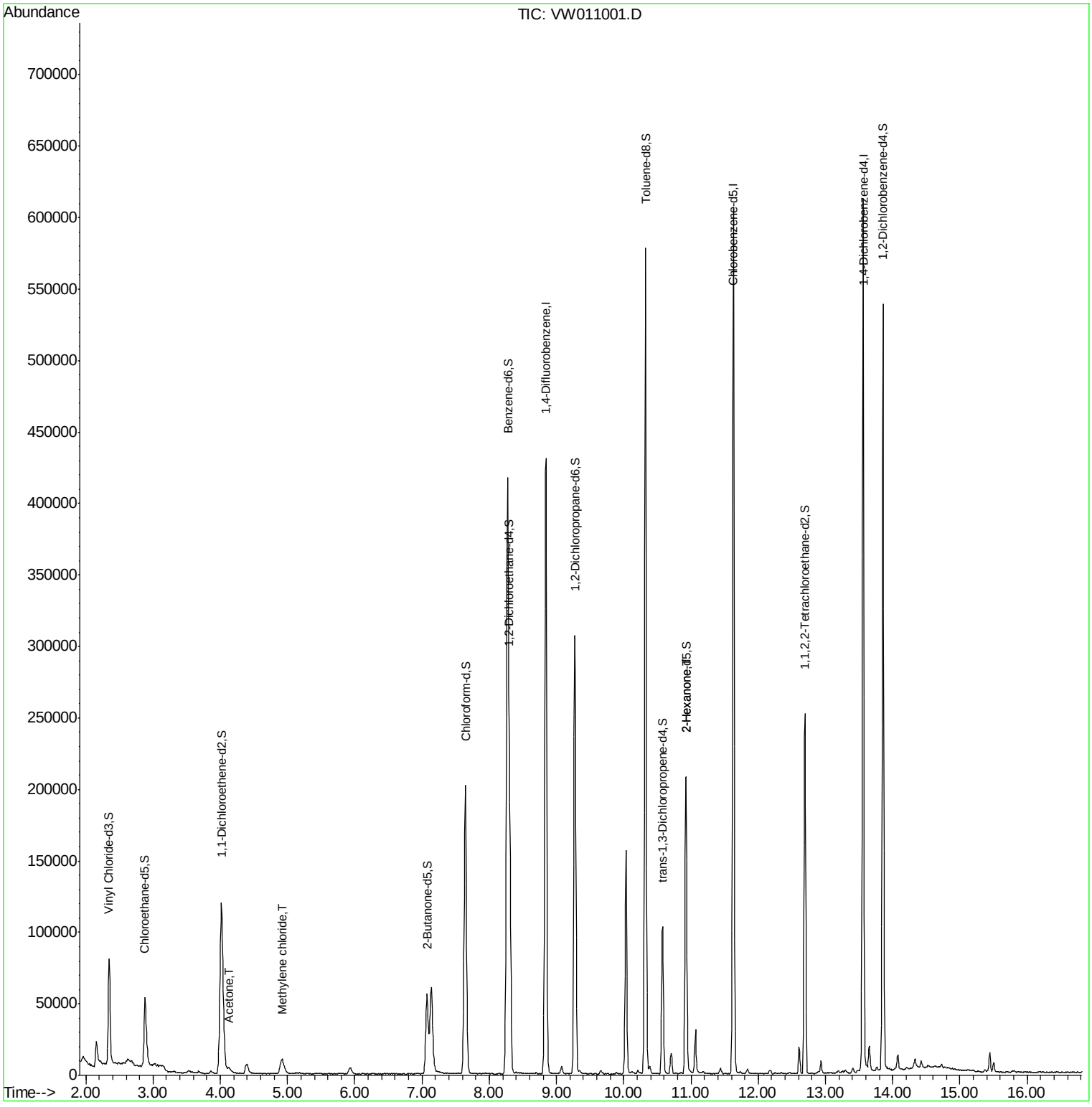
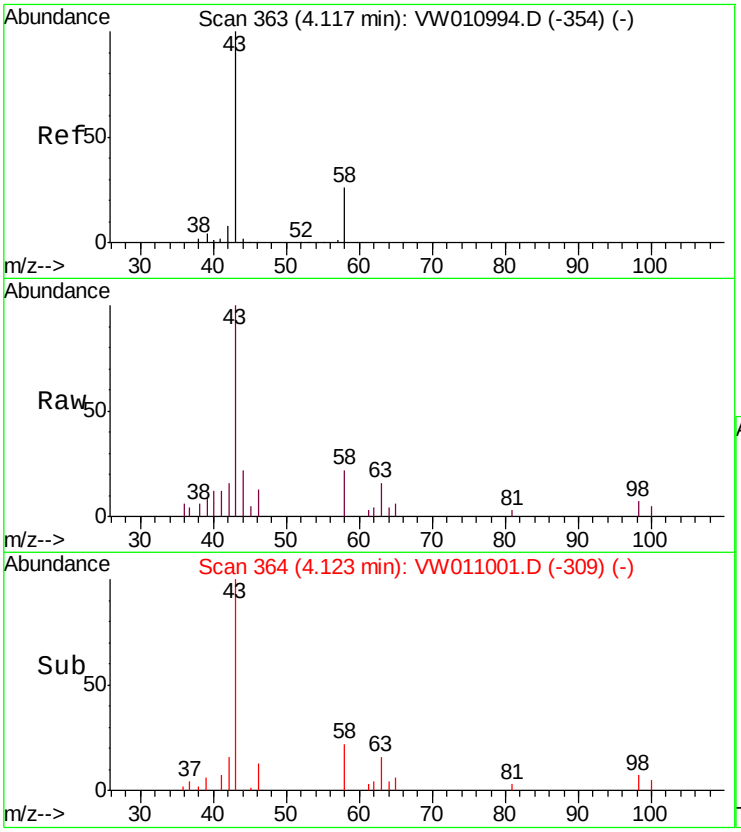
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration



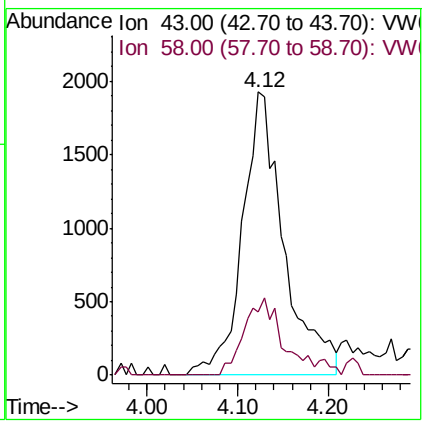


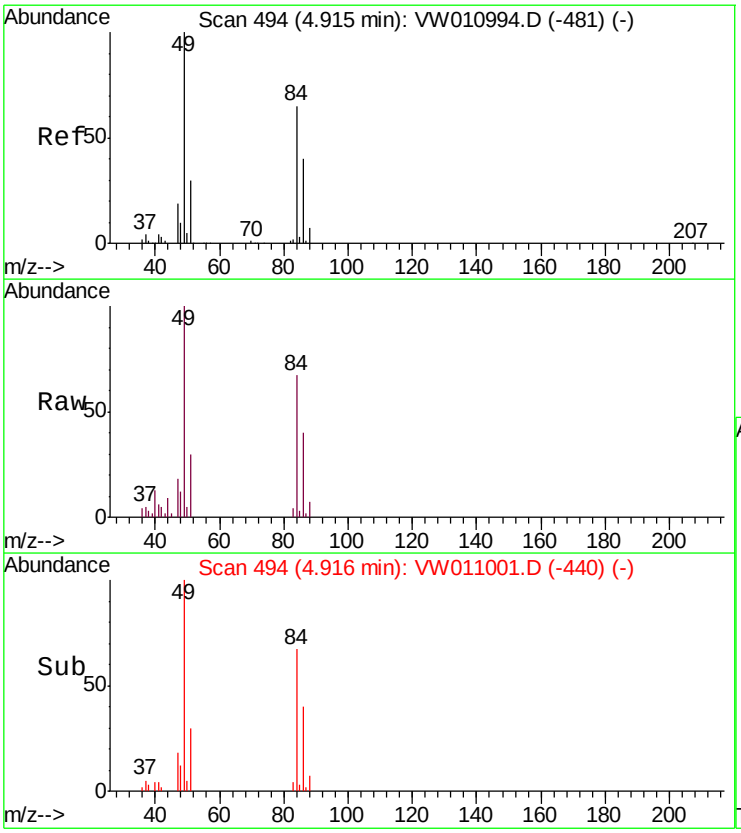
#13
Acetone
Concen: 3.104 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW011001.D
Acq: 26 Jun 2019 13:44

Instrument : MSVOA_W
ClientSampleId : YANY2

Tgt Ion: 43 Resp: 6112

Ion	Ratio	Lower	Upper
43	100		
58	21.2	0.0	53.2

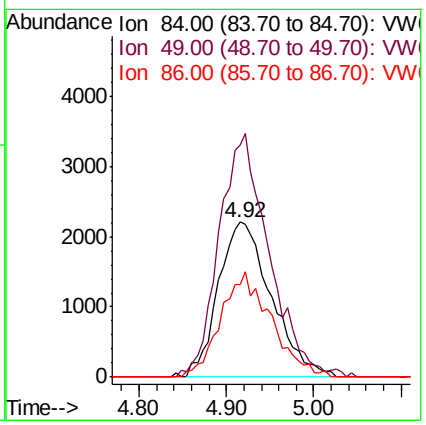


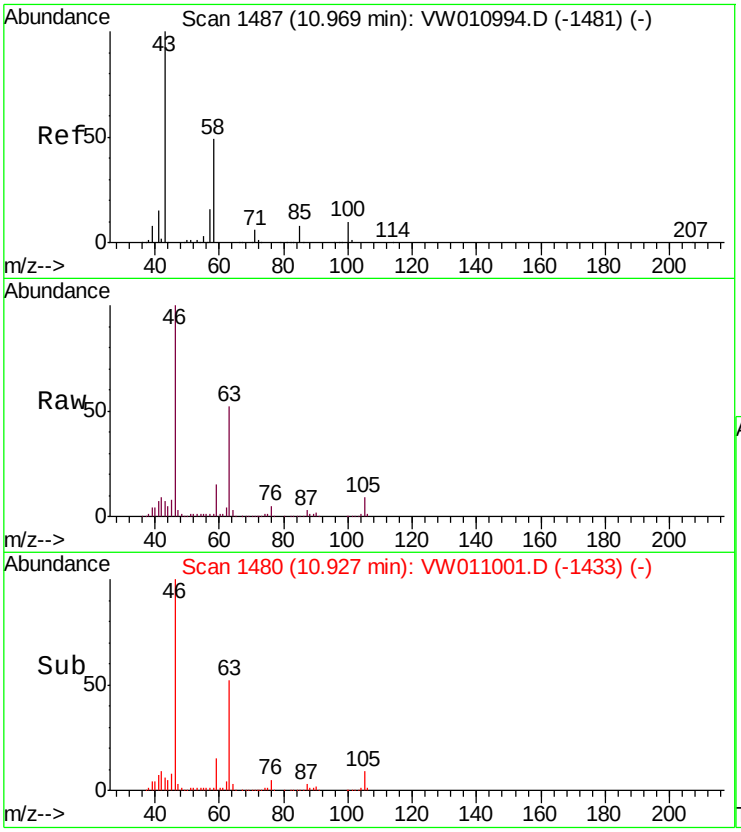


#16
Methylene chloride
Concen: 1.857 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011001.D
Acq: 26 Jun 2019 13:44

Tgt Ion: 84 Resp: 9290

Ion	Ratio	Lower	Upper
84	100		
49	149.5	107.0	198.8
86	60.1	44.4	82.5





#49
2-Hexanone
Concen: 2.590 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW011001.D
Acq: 26 Jun 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
YANY2

Tgt Ion: 43 Resp: 9583

Ion	Ratio	Lower	Upper
43	100		
58	19.7	38.3	57.5#
57	22.9	13.8	20.8#
100	1.2	7.3	10.9#