Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121819\
Data File : VW014447.D
Acq On : 18 Dec 2019 22:27
Operator : SY/VA
Sample : K6278-22RE
Misc : 3.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C92RE

Manual Integrations APPROVED
MMDadoda
12/19/2019 2:02:26 PM

Quant Time: Dec 19 05:54:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	561454	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	27062	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	196621	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.52%			
7) Chloroethane-d5	2.89	69	183912	29.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.36%			
10) 1,1-Dichloroethene-d2	4.01	63	254791	16.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.88%			
20) 2-Butanone-d5	7.07	46	108117	48.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.60%			
24) Chloroform-d	7.64	84	474196	33.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 132.68%			
26) 1,2-Dichloroethane-d4	8.30	65	221216m	29.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.08%			
29) Benzene-d6	8.27	84	871133	53.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 215.28%#			
33) 1,2-Dichloropropane-d6	9.27	67	307849	61.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 247.28%#			
37) Toluene-d8	10.32	98	502094	34.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 137.24%#			
38) trans-1,3-Dichloropropene-	10.58	79	44249	21.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.72%			
39) 2-Hexanone-d5	10.93	63	66843	67.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.02%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	192841	47.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 190.08%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	47438	45.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 183.48%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	5804m	2.717	ug/L	
16) Methylene chloride	4.91	84	13556m	1.575	ug/L	

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

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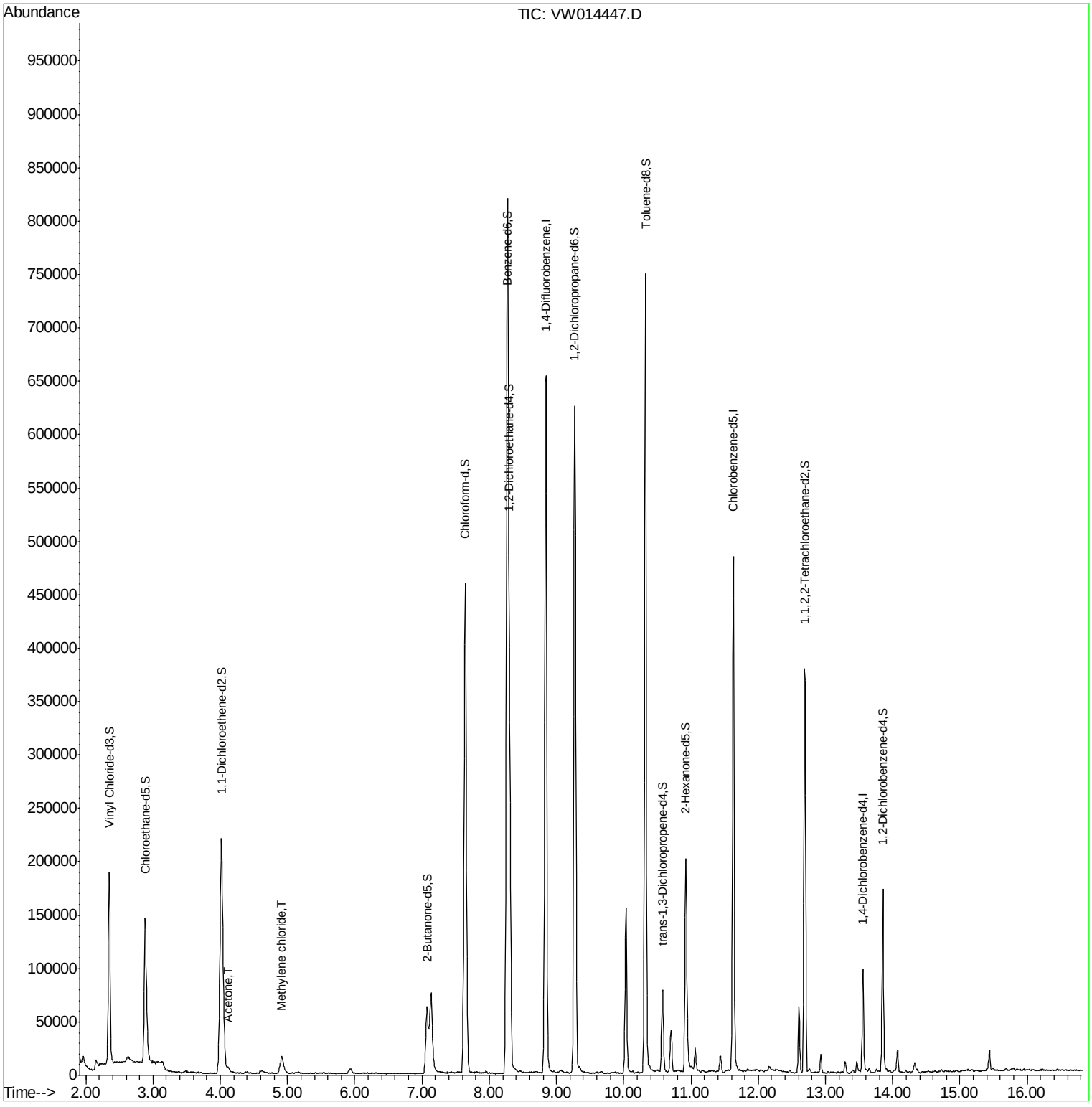
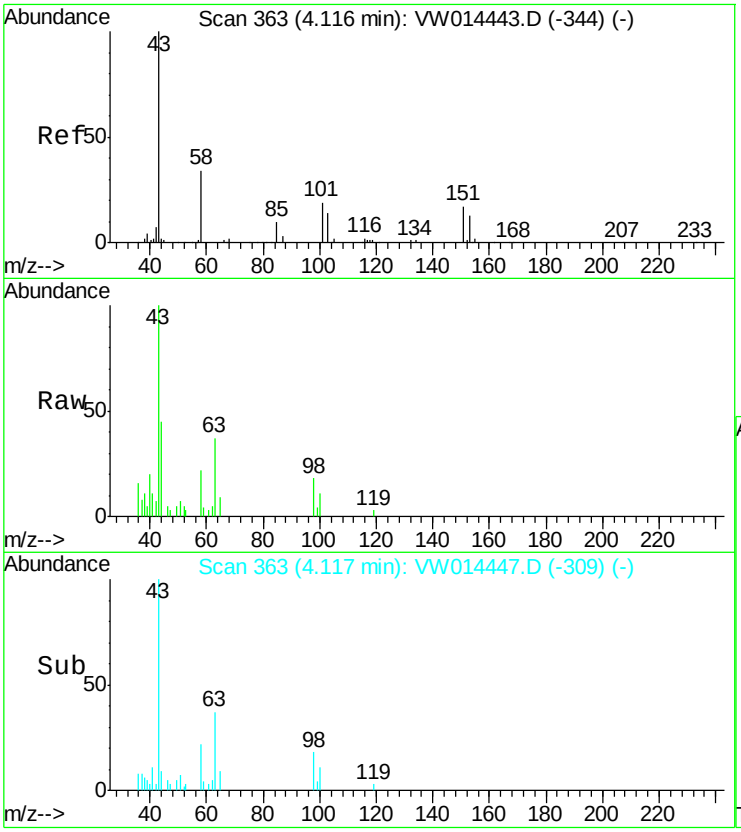




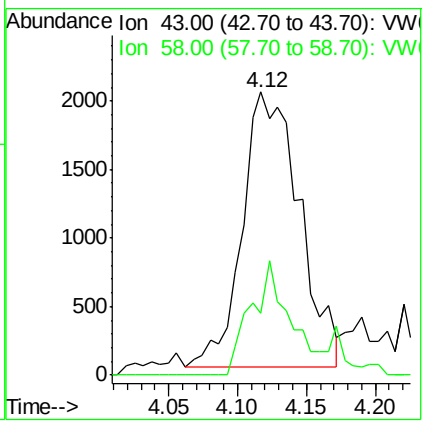
#13
Acetone
Concen: 2.717 ug/L m
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014447.D
Acq: 18 Dec 2019 22:27

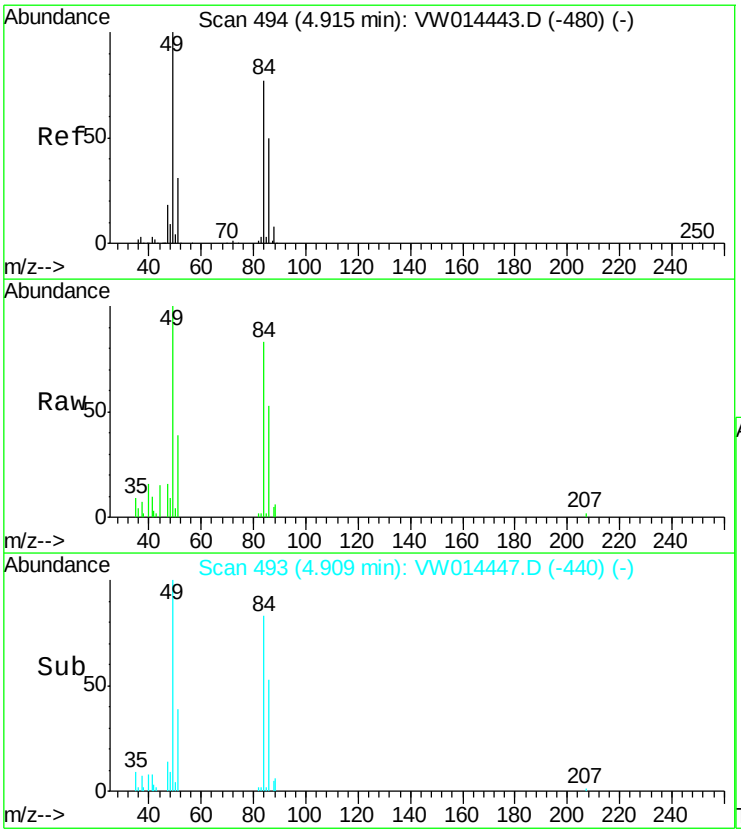
Tgt Ion: 43 Resp: 5804

Ion	Ratio	Lower	Upper
43	100		
58	19.0	0.0	65.4

Instrument :
MSVOA_W
ClientSampleId :
C0C92RE

Manual Integrations APPROVED
MMDadoda
12/19/2019 2:02:26 PM





#16
Methylene chloride
Concen: 1.575 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014447.D
Acq: 18 Dec 2019 22:27

Tgt Ion: 84 Resp: 13556

Ion	Ratio	Lower	Upper
84	100		
49	120.6	84.2	156.4
86	64.4	43.7	81.1