

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017149.D
 Acq On : 10 Nov 2020 18:45
 Operator : SY/VA
 Sample : VIBLK21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Manual Integrations
 APPROVED

Quant Time: Nov 11 06:52:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	434038	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408749	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200134	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140553	25.71	ug/L	0.00	MMDadoda
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.84%			
7) Chloroethane-d5	2.90	69	115630	27.45	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 150		Recovery =	109.80%			
10) 1,1-Dichloroethene-d2	4.03	63	181453	18.56	ug/L	0.00	11/12/2020 1:43:05 PM
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.24%			
20) 2-Butanone-d5	7.08	46	63902	52.27	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.54%			
24) Chloroform-d	7.65	84	272984	26.94	ug/L	0.00	
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.76%			
26) 1,2-Dichloroethane-d4	8.31	65	140698m	27.93	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.72%			
29) Benzene-d6	8.28	84	532402	25.58	ug/L	0.00	
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.32%			
33) 1,2-Dichloropropane-d6	9.28	67	152423	26.47	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.88%			
37) Toluene-d8	10.33	98	496781	25.31	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.24%			
38) trans-1,3-Dichloropropene-	10.58	79	62651	24.14	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.56%			
39) 2-Hexanone-d5	10.93	63	51213	50.97	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.94%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133276	26.57	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.28%			
61) 1,2-Dichlorobenzene-d4	13.85	152	187169	26.54	ug/L	0.00	
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.16%			

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	15239	2.604 ug/L	97
43) 4-Methyl-2-pentanone	10.22	43	3653	1.180 ug/L #	81

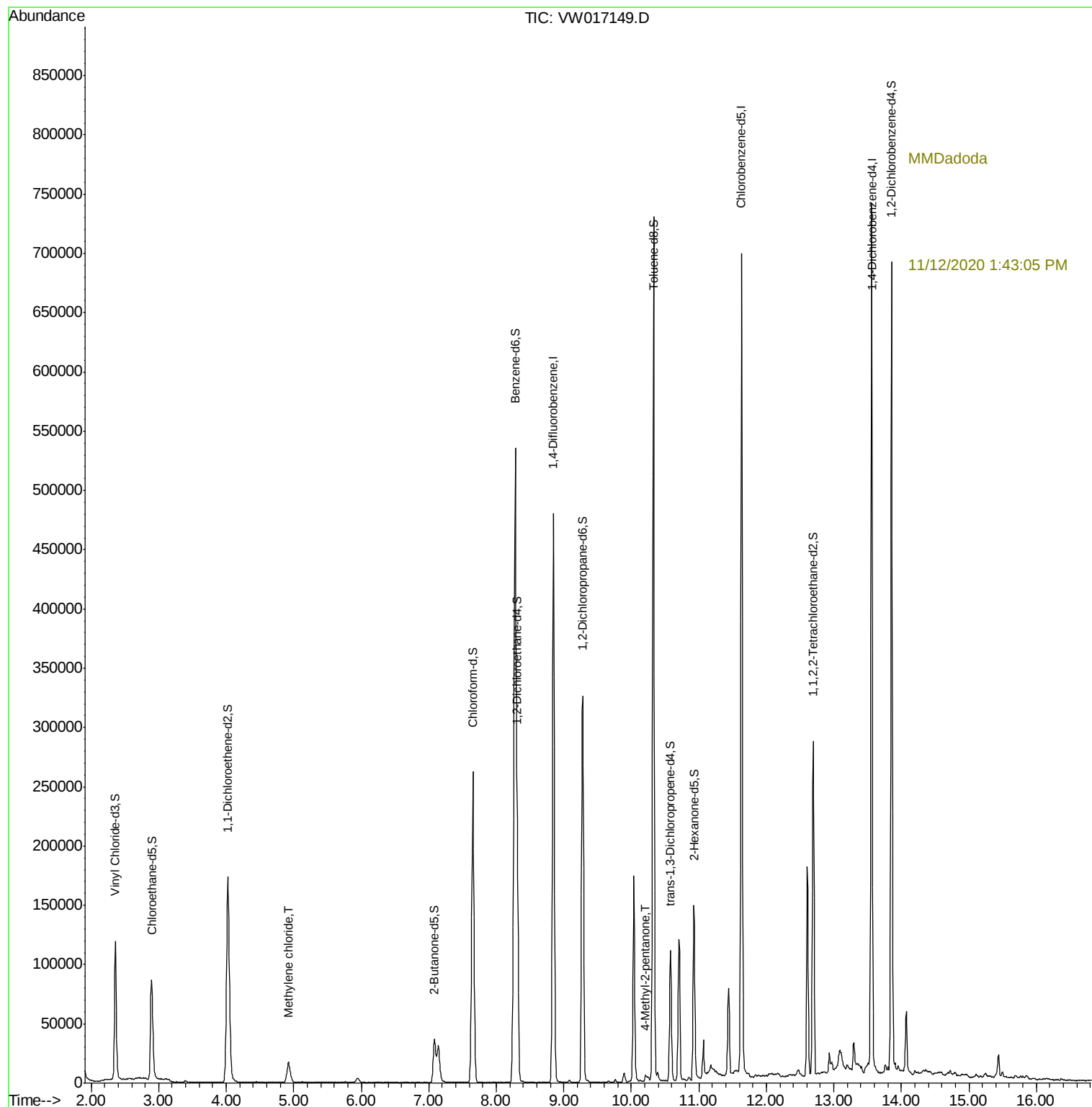
(#) = qualifier out of range (m) = manual integration (+) = signals summed

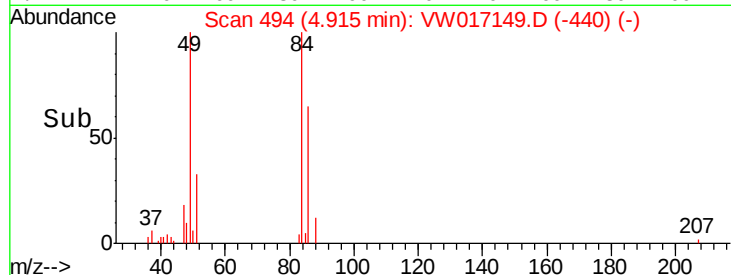
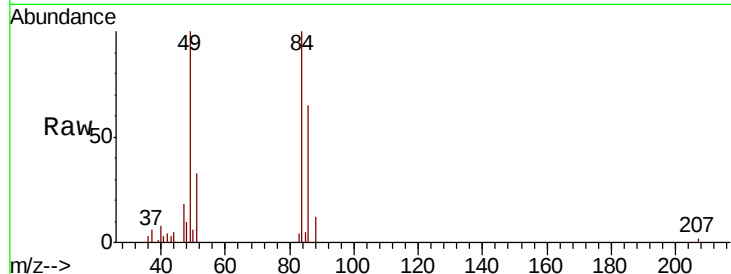
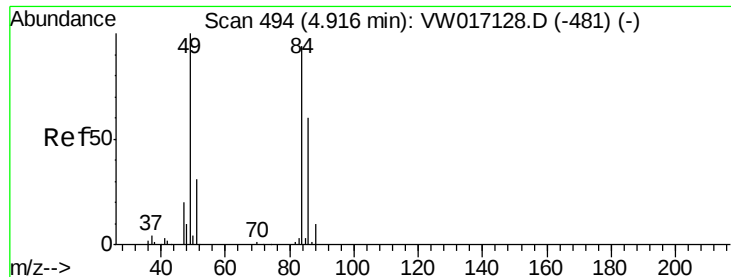
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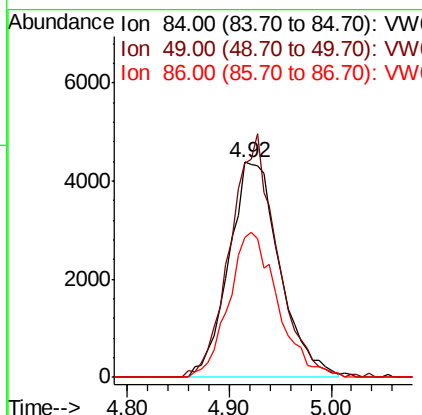


#16
Methvlene chloride
Concen: 2.604 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017149.D
Acq: 10 Nov 2020 18:45

Tot Ion	Ratio	Lower	Upper
84	100		
49	99.8	72.3	134.3
86	65.3	45.1	83.7

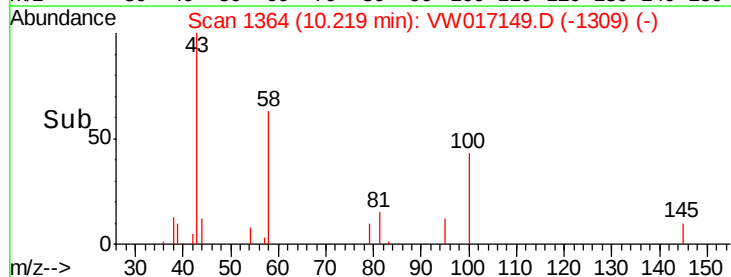
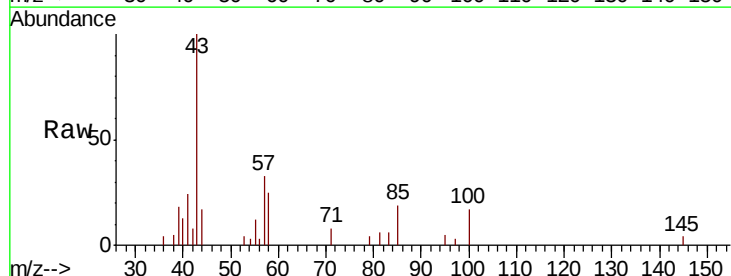
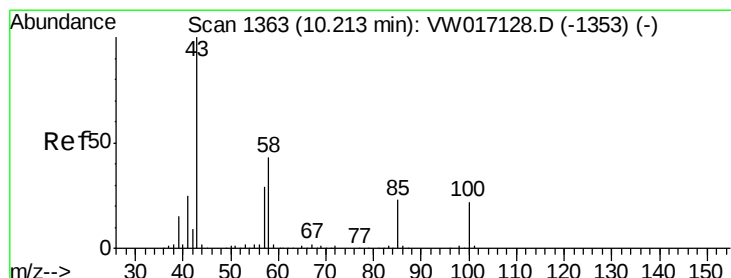
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Manual Integrations
APPROVED



MMDadoda

11/12/2020 1:43:05 PM



#43
4-Methyl-2-pentanone
Concen: 1.180 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017149.D
Acq: 10 Nov 2020 18:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.0	35.0	52.6#
100	20.3	16.6	24.8

