

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009404.D
 Acq On : 23 Mar 2019 22:05
 Operator : SY/VA
 Sample : K2062-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0H7

Manual Integrations
 APPROVED

Quant Time: Mar 24 00:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	381090	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376786	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98117	21.55	ug/L	0.00	MMDadoda
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.20%			
7) Chloroethane-d5	2.89	69	104795	19.67	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.68%			
10) 1,1-Dichloroethene-d2	4.01	63	157839	16.04	ug/L	0.00	3/25/2019 8:33:38 AM
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.16%			
20) 2-Butanone-d5	7.07	46	98628	52.37	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.74%			
24) Chloroform-d	7.65	84	256862	24.70	ug/L	0.00	
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.80%			
26) 1,2-Dichloroethane-d4	8.30	65	159332m	25.43	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.72%			
29) Benzene-d6	8.27	84	453670	21.83	ug/L	0.00	
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.32%			
33) 1,2-Dichloropropane-d6	9.27	67	148208	23.75	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.00%			
37) Toluene-d8	10.32	98	397312	20.68	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.72%			
38) trans-1,3-Dichloropropene-	10.58	79	65437	20.88	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.52%			
39) 2-Hexanone-d5	10.93	63	72192	47.76	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.52%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154400	25.12	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.48%			
61) 1,2-Dichlorobenzene-d4	13.86	152	162933	24.69	ug/L	0.00	
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.76%			

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	10898m	1.961 ug/L	
47) Tetrachloroethene	10.86	164	19549	4.210 ug/L	92

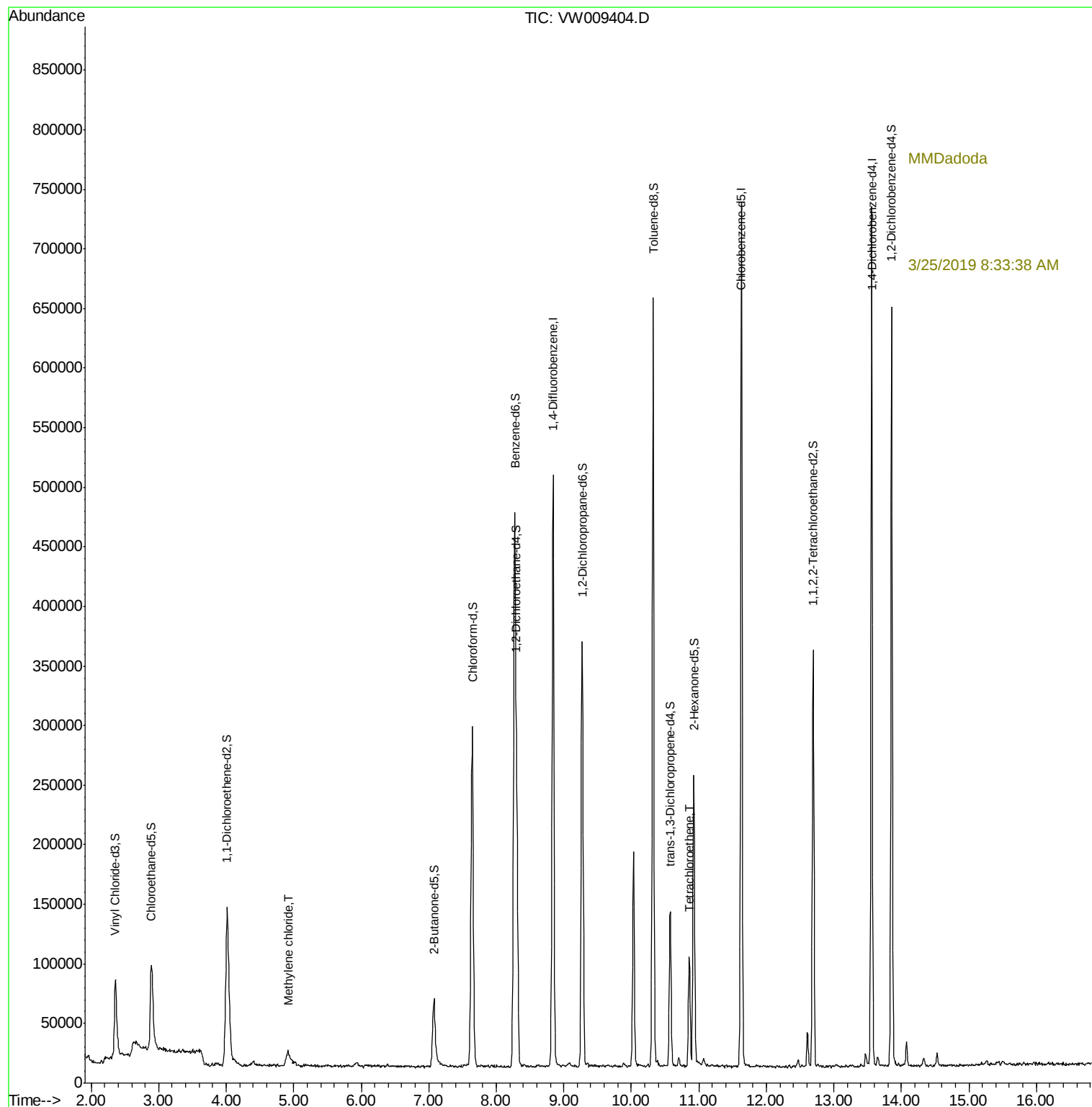
(#) = qualifier out of range (m) = manual integration (+) = signals summed

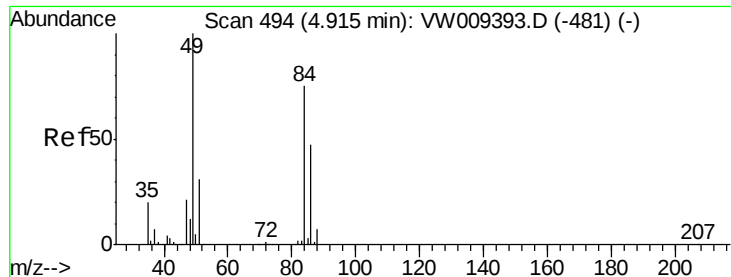
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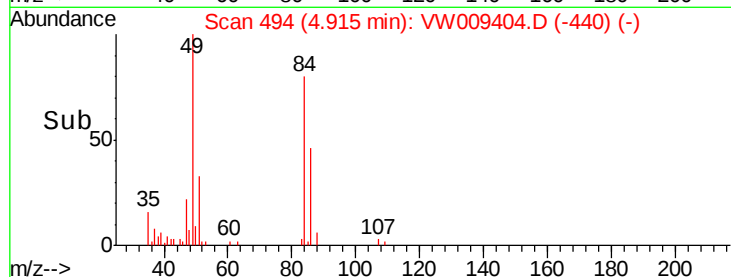
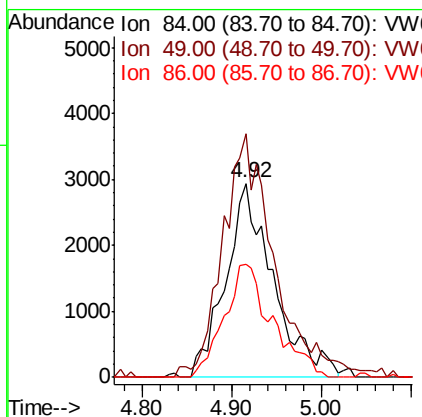
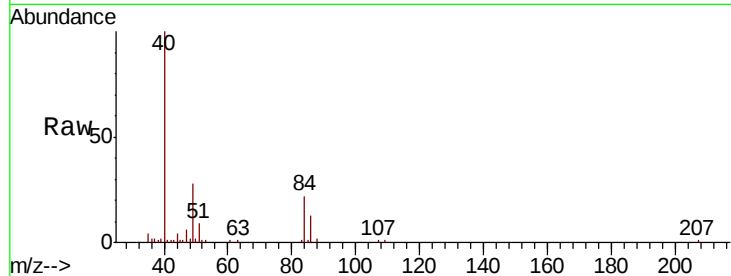


#16
Methylene chloride
Concen: 1.961 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009404.D
Acq: 23 Mar 2019 22:05

Instrument :
MSVOA_W
ClientSampled :
BF0H7

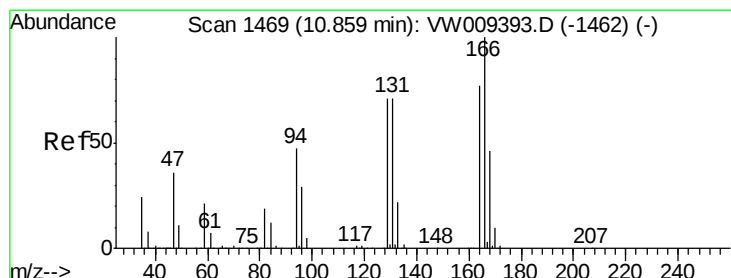
Tot Ion	84	Resp	10898
Ion Ratio	Lower	Upper	
84	100		
49	125.7	96.0	178.2
86	58.1	44.4	82.5

Manual Integrations
APPROVED



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3/25/2019 8:33:38 AM



#47
Tetrachloroethene
Concen: 4.210 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009404.D
Acq: 23 Mar 2019 22:05

Tgt Ion	164	Resp	19549
Ion Ratio	Lower	Upper	
164	100		
129	84.8	66.5	123.5
131	84.7	62.6	116.3
166	120.7	91.6	170.0

