

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017097.D
 Acq On : 06 Nov 2020 13:34
 Operator : SY/VA
 Sample : L4615-22
 Misc : 4.44G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:33:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	554467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	504543	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	234177	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161530	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.89	69	125832	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.02	63	217387	17.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.60%
20) 2-Butanone-d5	7.08	46	48561	31.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.18%
24) Chloroform-d	7.65	84	288618	22.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	8.31	65	136868	21.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.08%
29) Benzene-d6	8.27	84	603550	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	163179	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.84%
37) Toluene-d8	10.32	98	569339	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.58	79	63579	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.36%
39) 2-Hexanone-d5	10.93	63	38636	31.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111018	17.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	191749	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

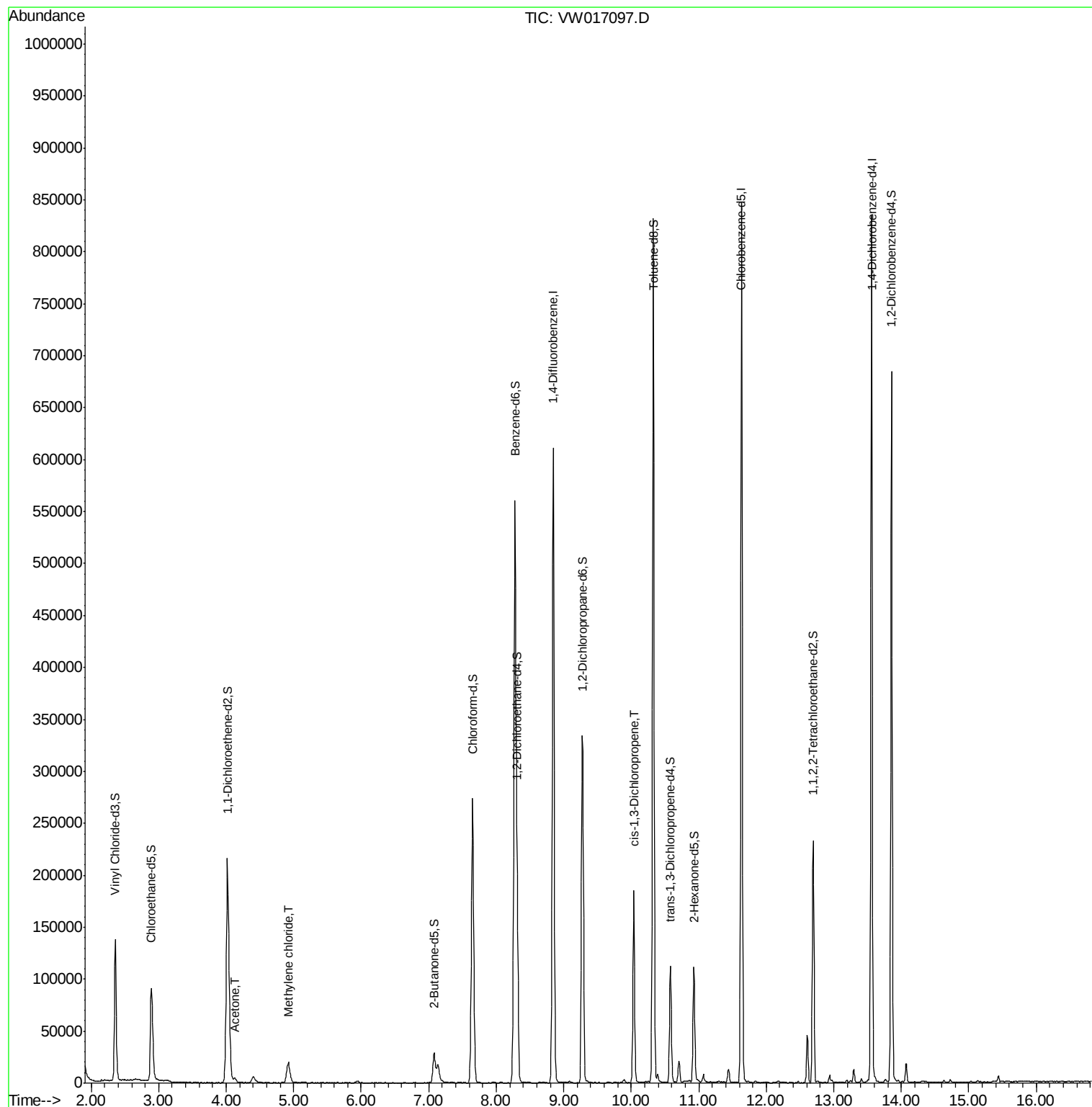
Target Compounds					Ovalue
13) Acetone	4.13	43	6631	6.341 ug/L	75
16) Methylene chloride	4.92	84	18197	2.434 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	4800	0.489 ug/L #	78

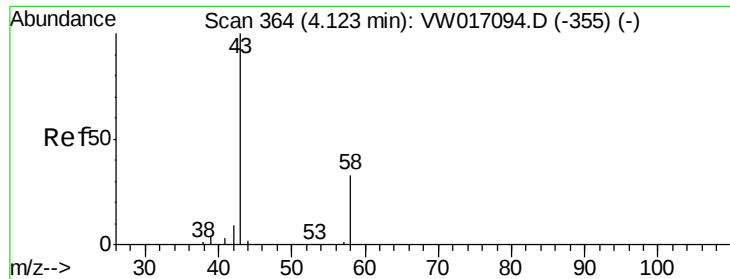
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.341 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

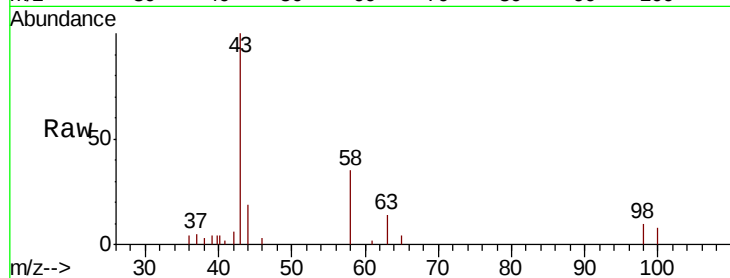
ClientSampled :

Tot Ion: 43 Resp: 6631

Ion Ratio Lower Upper

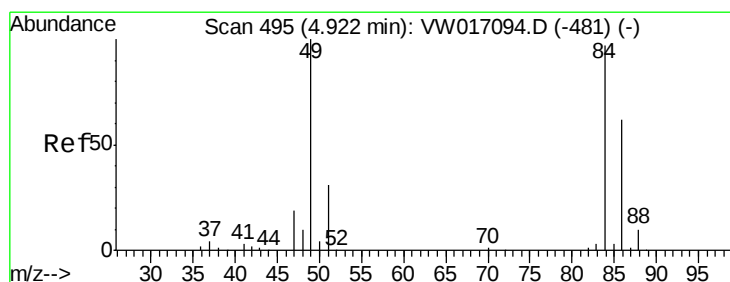
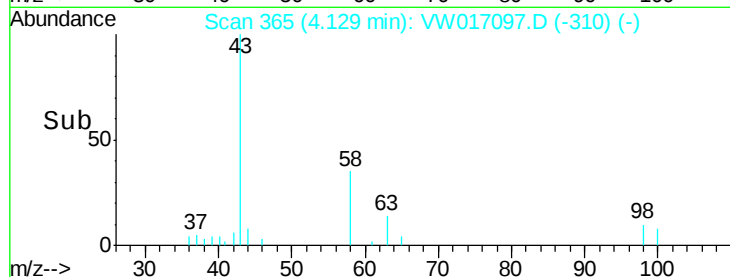
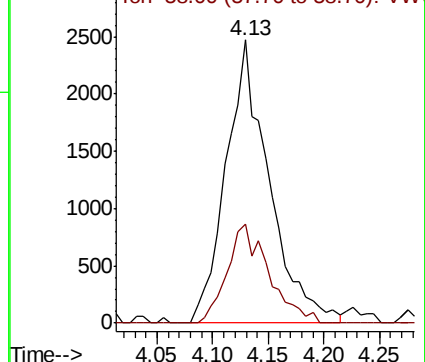
43 100

58 19.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.434 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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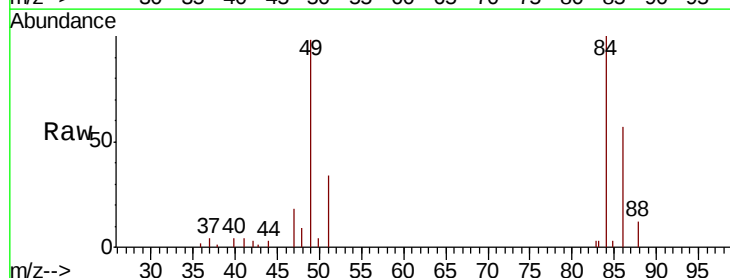
Tgt Ion: 84 Resp: 18197

Ion Ratio Lower Upper

84 100

49 97.9 72.3 134.3

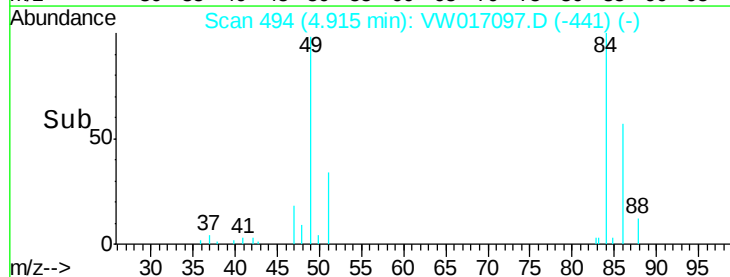
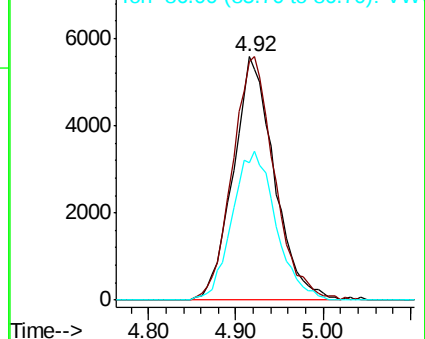
86 56.7 45.1 83.7

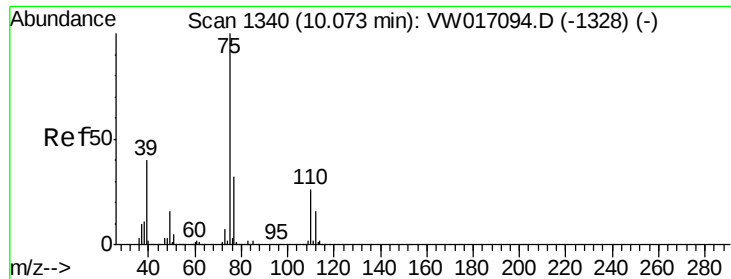


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.489 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Tot Ion: 75 Resp: 4800

Ion Ratio Lower Upper

75 100

77 43.9 22.0 41.0#

