

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017087.D
 Acq On : 05 Nov 2020 10:05
 Operator : SY/VA
 Sample : VW1105SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 04:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	485304	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	447936	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	213335	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	170075	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.28%
7) Chloroethane-d5	2.89	69	127303	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
10) 1,1-Dichloroethene-d2	4.03	63	221788	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.12%
20) 2-Butanone-d5	7.08	46	83149	60.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.66%
24) Chloroform-d	7.65	84	300360	26.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	8.31	65	157997	28.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.20%
29) Benzene-d6	8.27	84	613880	26.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.64%
33) 1,2-Dichloropropane-d6	9.27	67	173705	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.12%
37) Toluene-d8	10.33	98	571209	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.24%
38) trans-1,3-Dichloropropene-	10.58	79	75788	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.56%
39) 2-Hexanone-d5	10.93	63	67142	60.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160072	29.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	217007	28.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.48%

Target Compounds

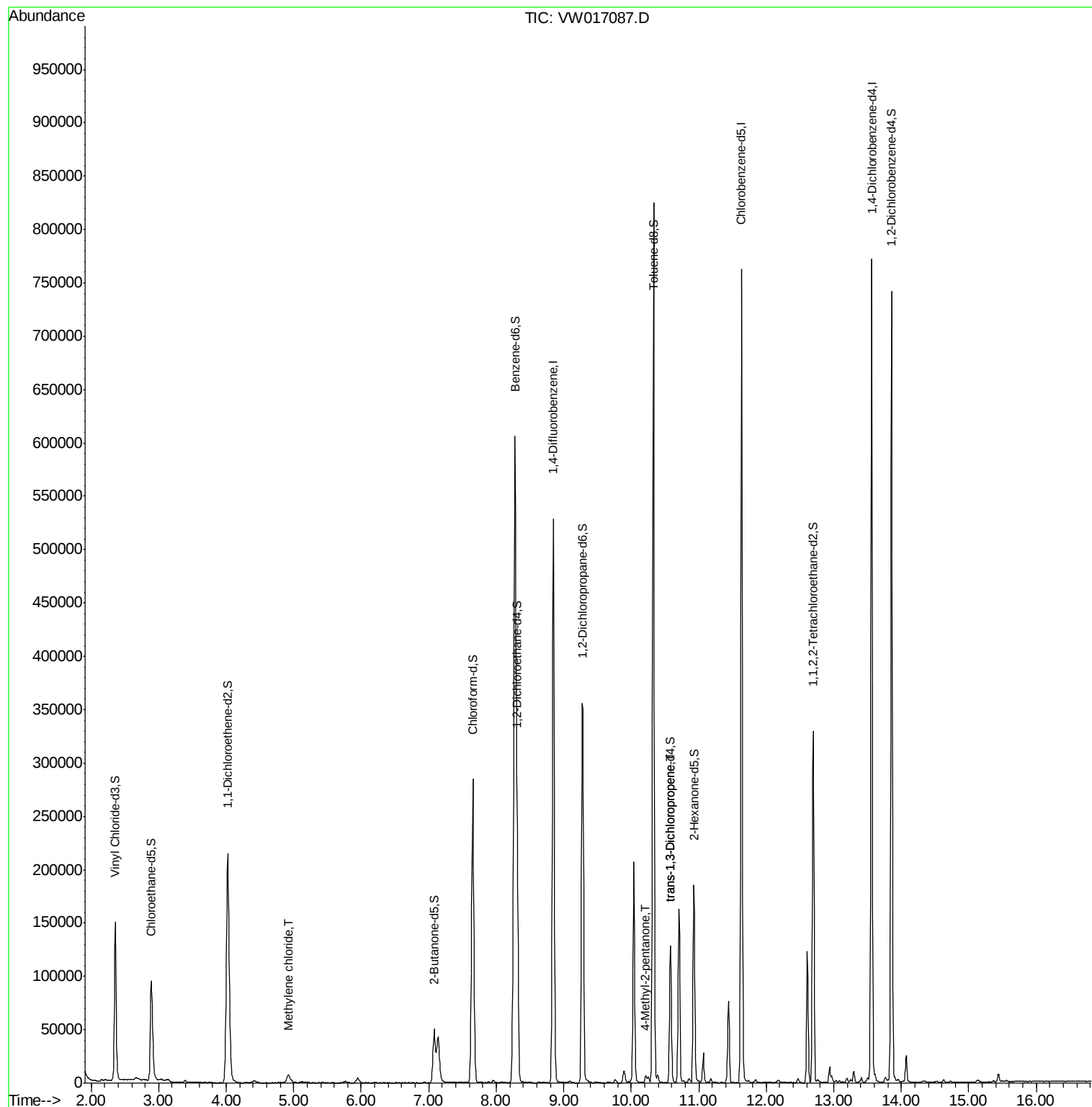
					Ovalue
16) Methylene chloride	4.92	84	6878	1.051 ug/L	84
43) 4-Methyl-2-pentanone	10.21	43	4732	1.395 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	3683	0.492 ug/L	86

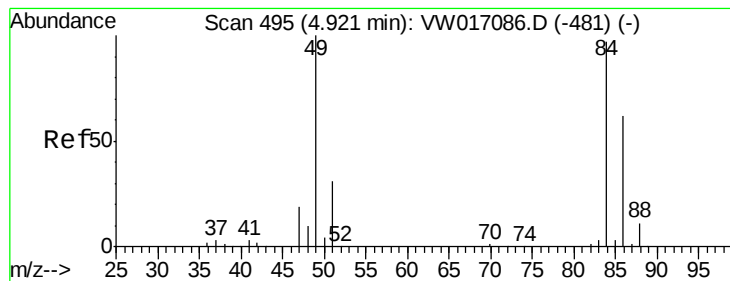
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.051 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

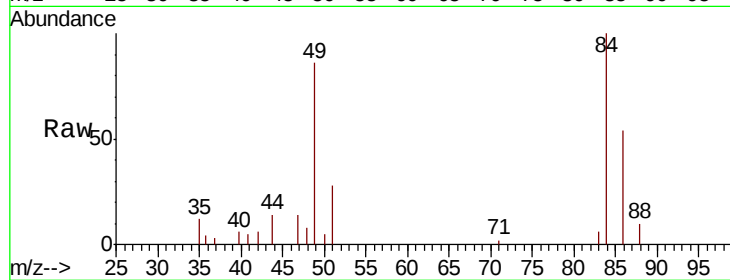
Tot Ion: 84 Resp: 6878

Ion Ratio Lower Upper

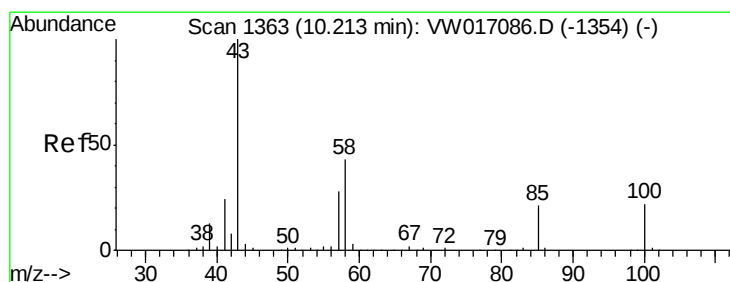
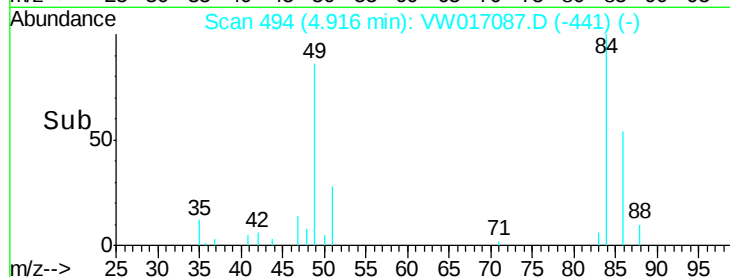
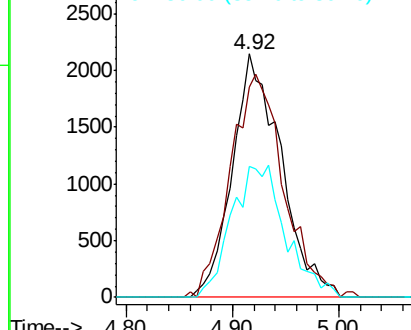
84 100

49 86.4 72.3 134.3

86 53.7 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



#43

4-Methyl-2-pentanone

Concen: 1.395 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017087.D

Acq: 05 Nov 2020 10:05

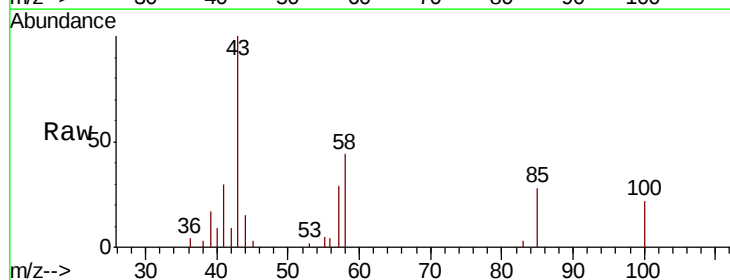
Tgt Ion: 43 Resp: 4732

Ion Ratio Lower Upper

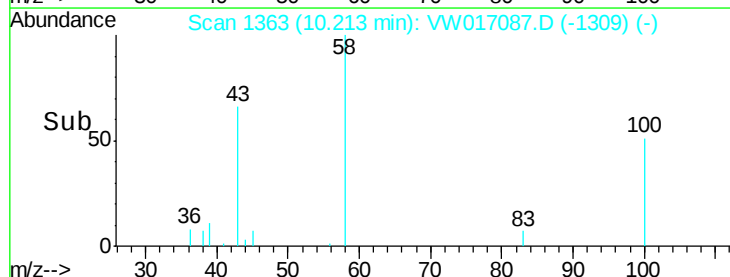
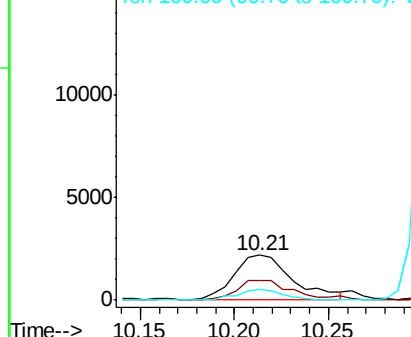
43 100

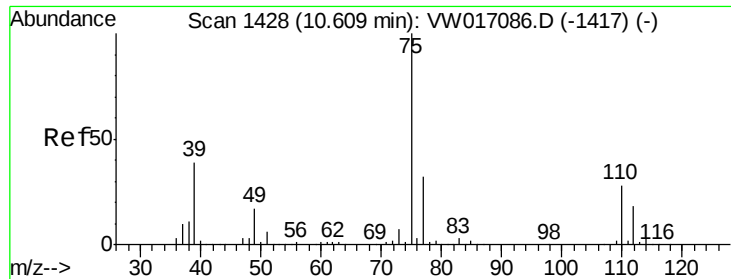
58 39.5 35.0 52.6

100 18.1 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 100.00 (99.70 to 100.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.492 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

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Tot Ion: 75 Resp: 3683

Ion Ratio Lower Upper

75 100

77 39.2 22.1 41.1

