

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017135.D
 Acq On : 10 Nov 2020 13:13
 Operator : SY/VA
 Sample : VIBLK15
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK15

Quant Time: Nov 11 06:04:23 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	432189	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390028	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185295	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148968	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.44%
7) Chloroethane-d5	2.90	69	119888	28.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.32%
10) 1,1-Dichloroethene-d2	4.03	63	190859	19.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.40%
20) 2-Butanone-d5	7.09	46	51321	42.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.32%
24) Chloroform-d	7.65	84	280726	27.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.28%
26) 1,2-Dichloroethane-d4	8.31	65	137843	27.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.92%
29) Benzene-d6	8.28	84	553380	27.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.44%
33) 1,2-Dichloropropane-d6	9.28	67	154084	28.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.20%
37) Toluene-d8	10.33	98	515345	27.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.08%
38) trans-1,3-Dichloropropene-	10.58	79	61433	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.20%
39) 2-Hexanone-d5	10.93	63	40876	42.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117194	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	182388	27.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.76%

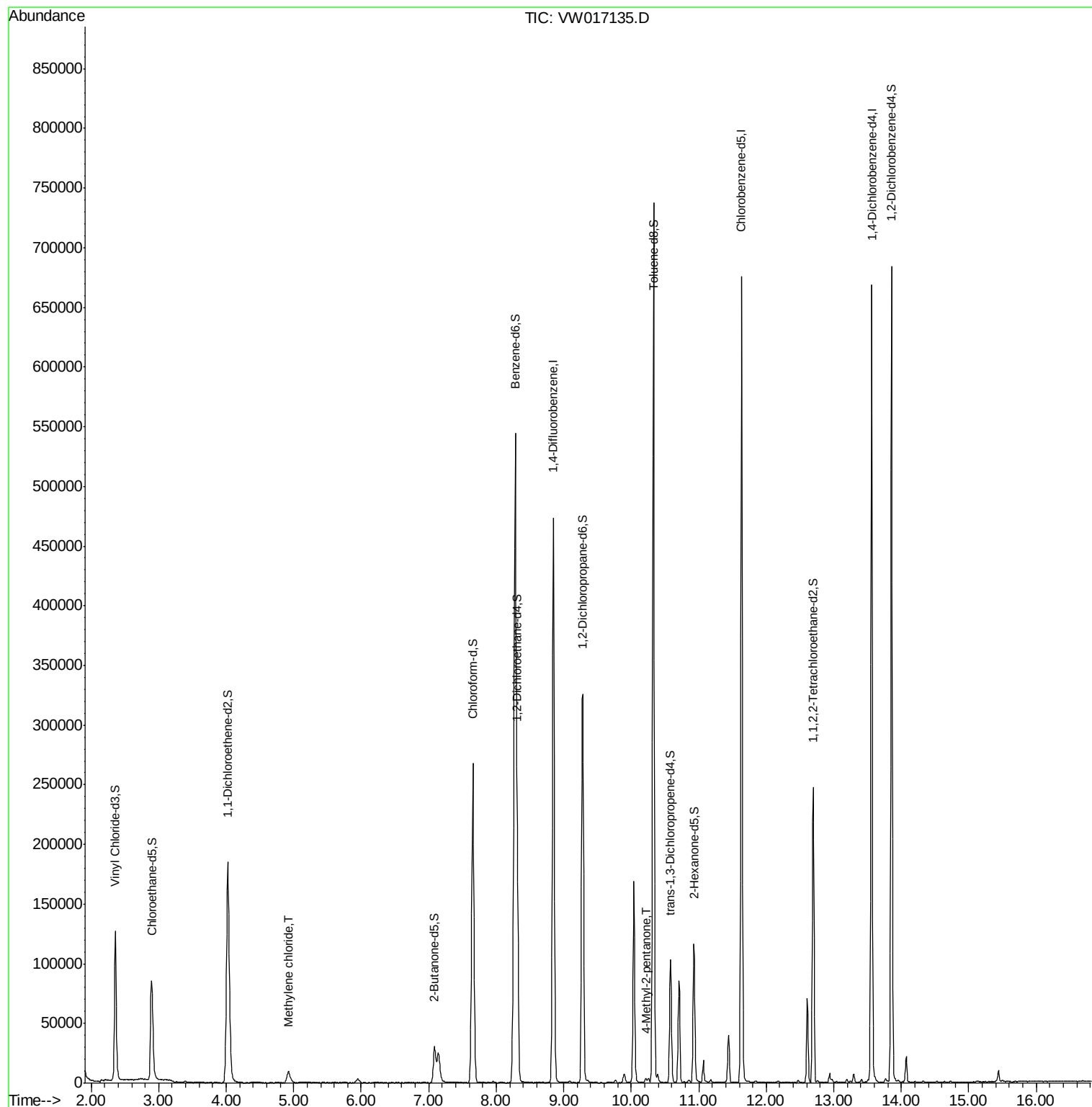
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	8021	1.377 ug/L	89
43) 4-Methyl-2-pentanone	10.21	43	2441	0.826 ug/L #	83

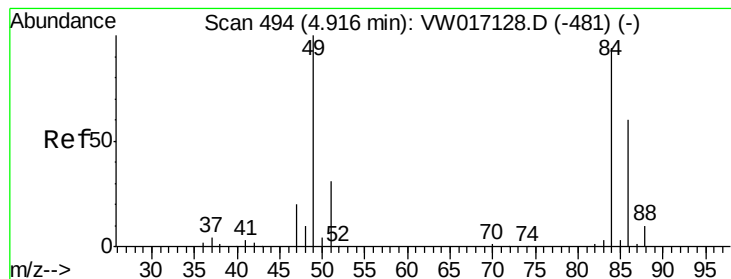
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.377 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017135.D

Acq: 10 Nov 2020 13:13

Instrument :

MSVOA_W

ClientSampled :

VIBLK15

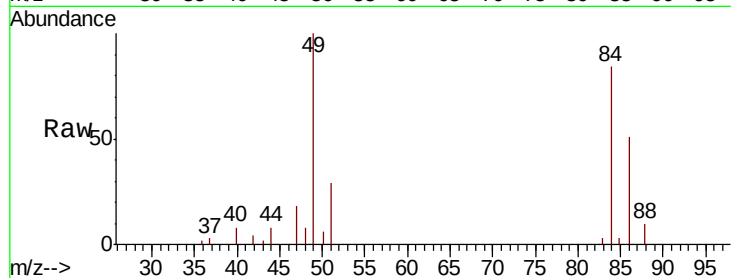
Tot Ion: 84 Resp: 8021

Ion Ratio Lower Upper

84 100

49 119.5 72.3 134.3

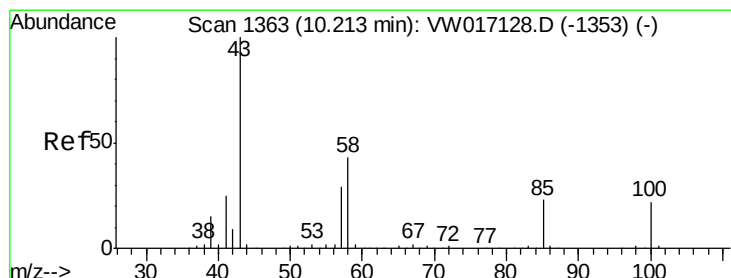
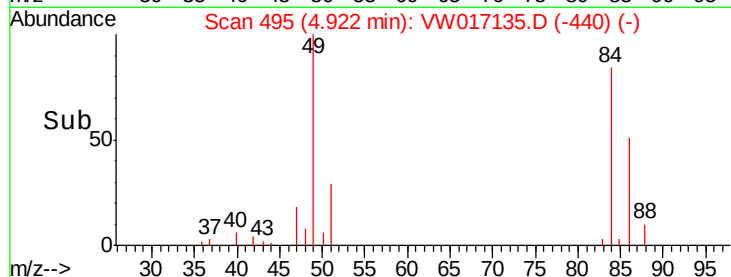
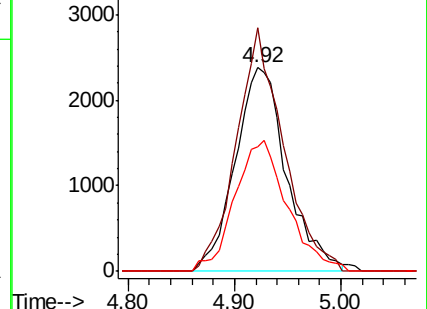
86 61.4 45.1 83.7



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: 0.826 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

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Acq: 10 Nov 2020 13:13

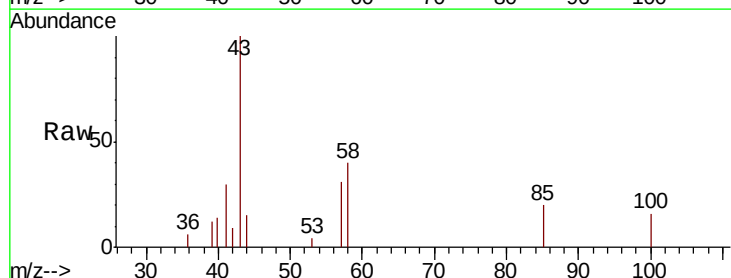
Tgt Ion: 43 Resp: 2441

Ion Ratio Lower Upper

43 100

58 34.2 35.0 52.6#

100 11.1 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

