

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015590.D
 Acq On : 11 Jun 2020 15:27
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jun 12 06:33:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337668	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139237	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	55775	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.08%
7) Chloroethane-d5	2.90	69	60678	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.88%
10) 1,1-Dichloroethene-d2	4.01	63	96437	12.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.16%
20) 2-Butanone-d5	7.09	46	40256	39.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.70%
24) Chloroform-d	7.65	84	147240	18.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.44%
26) 1,2-Dichloroethane-d4	8.31	65	86107	19.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.28%
29) Benzene-d6	8.27	84	295359	19.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.76%
33) 1,2-Dichloropropane-d6	9.28	67	88892	19.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.00%
37) Toluene-d8	10.32	98	270701	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.28%
38) trans-1,3-Dichloropropene-	10.58	79	32945	15.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.68%
39) 2-Hexanone-d5	10.93	63	31239	39.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	65741	18.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	91313	19.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.28%

Target Compounds

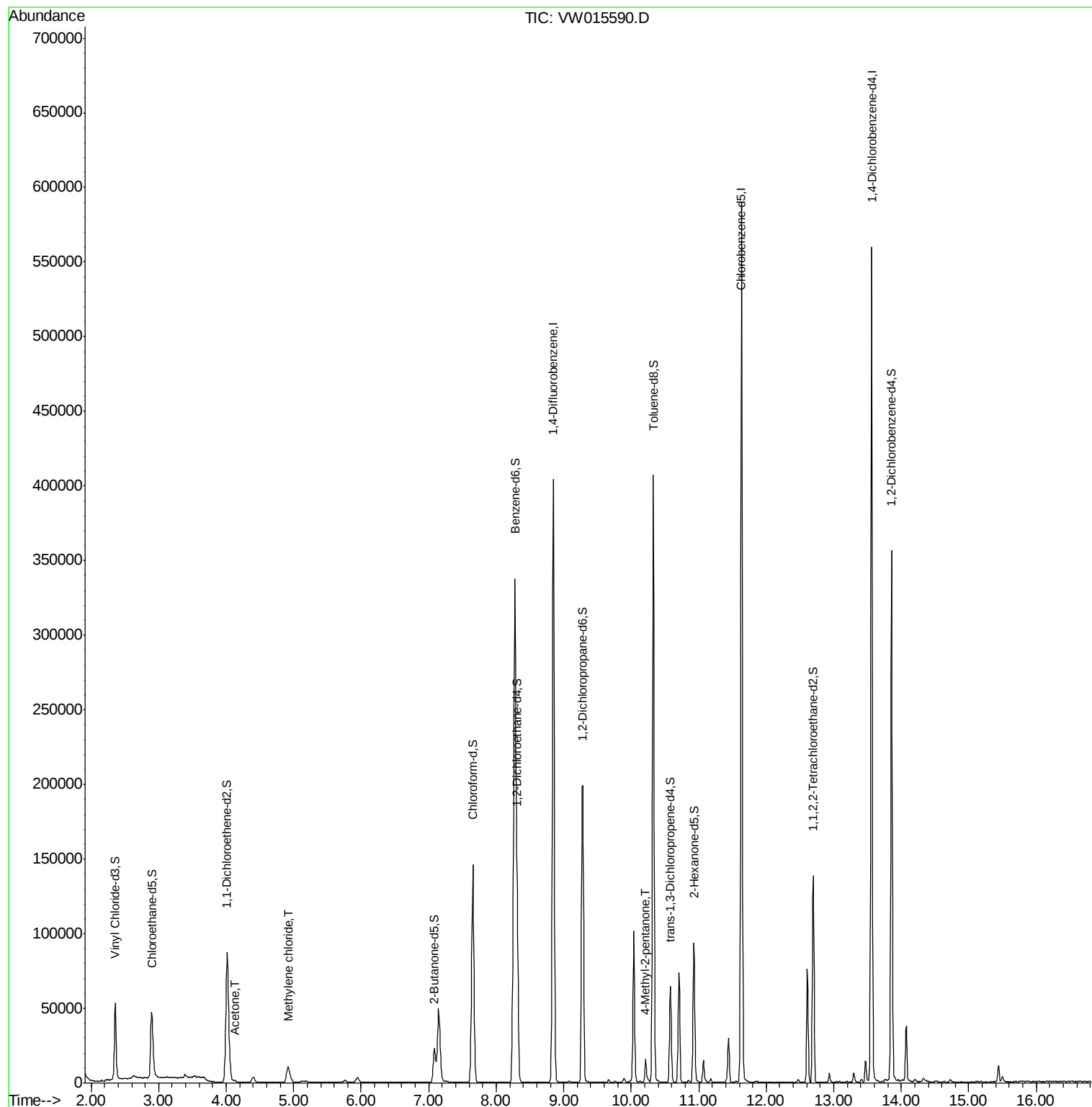
					Ovalue
13) Acetone	4.13	43	2187	2.800 ug/L	97
16) Methylene chloride	4.92	84	8567	2.067 ug/L	86
43) 4-Methyl-2-pentanone	10.21	43	10313	4.123 ug/L	97

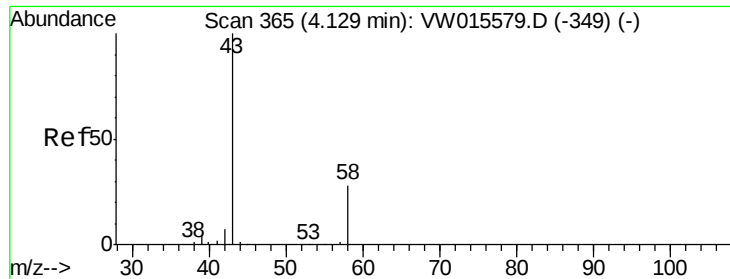
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.800 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015590.D

Acq: 11 Jun 2020 15:27

Instrument :

MSVOA_W

ClientSampled :

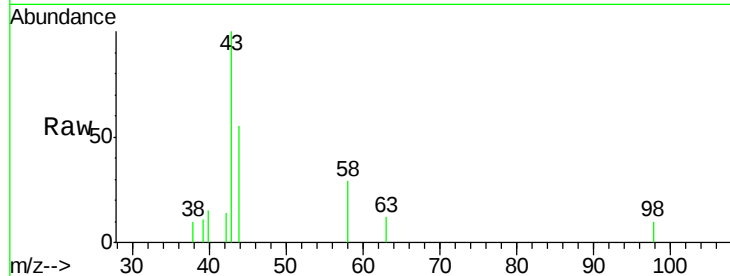
VIBLK

Tot Ion: 43 Resp: 2187

Ion Ratio Lower Upper

43 100

58 27.0 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

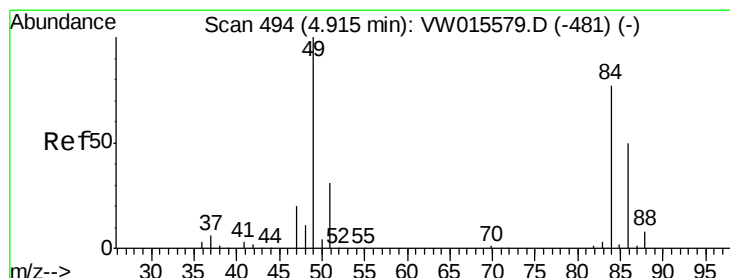
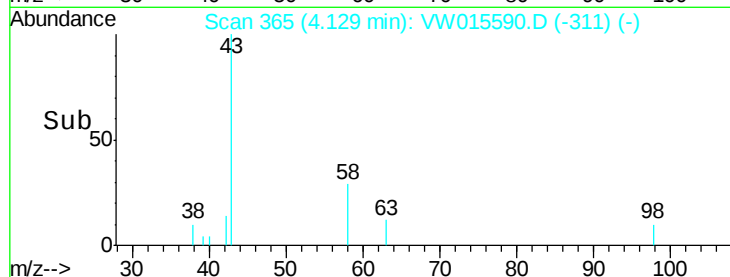
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 2.067 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015590.D

Acq: 11 Jun 2020 15:27

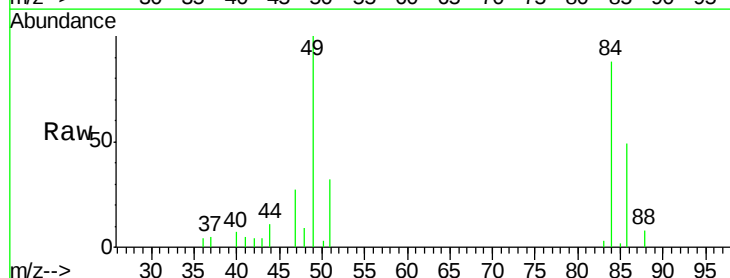
Tgt Ion: 84 Resp: 8567

Ion Ratio Lower Upper

84 100

49 113.8 93.0 172.8

86 56.2 44.7 83.1



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

4.92

4000

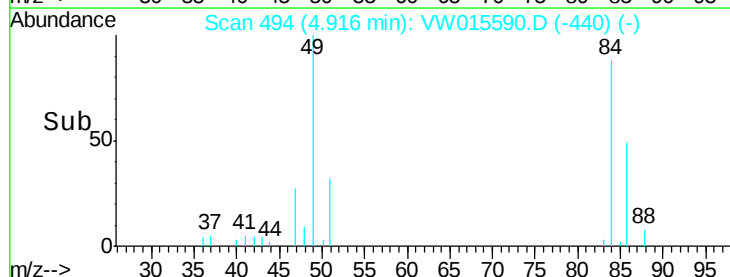
3000

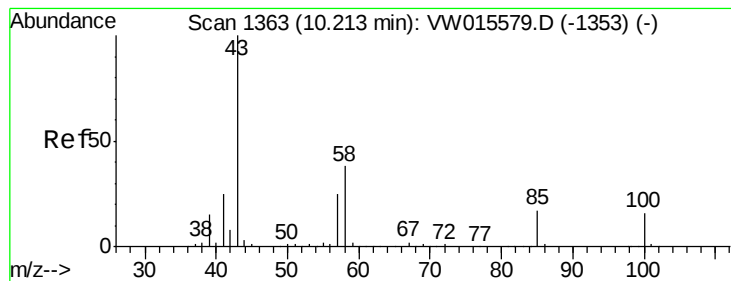
2000

1000

0

Time-->





#43

4-Methyl-2-pentanone

Concen: 4.123 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

VIBLK

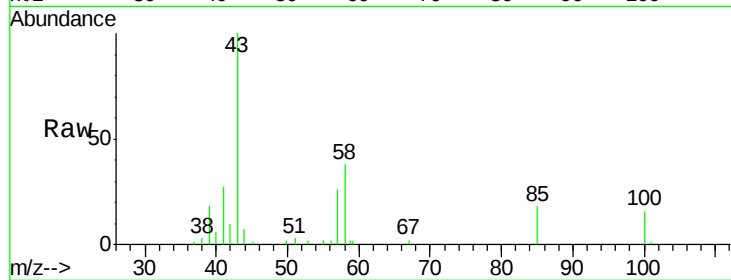
Tot Ion: 43 Resp: 10313

Ion Ratio Lower Upper

43 100

58 36.1 30.6 46.0

100 14.3 12.5 18.7



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

