

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017191.D
 Acq On : 12 Nov 2020 17:42
 Operator : SY/VA
 Sample : VIBLK05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK05

Quant Time: Nov 13 05:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	434029	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403974	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200360	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119880	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	98128	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.16%
10) 1,1-Dichloroethene-d2	4.02	63	162236	16.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.36%
20) 2-Butanone-d5	7.08	46	73395	60.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.06%
24) Chloroform-d	7.65	84	257383	25.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	8.30	65	143332	28.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.80%
29) Benzene-d6	8.27	84	491586	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	139789	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.28%
37) Toluene-d8	10.32	98	471439	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	10.58	79	65168	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.60%
39) 2-Hexanone-d5	10.93	63	62116	62.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138532	27.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	202877	28.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.96%

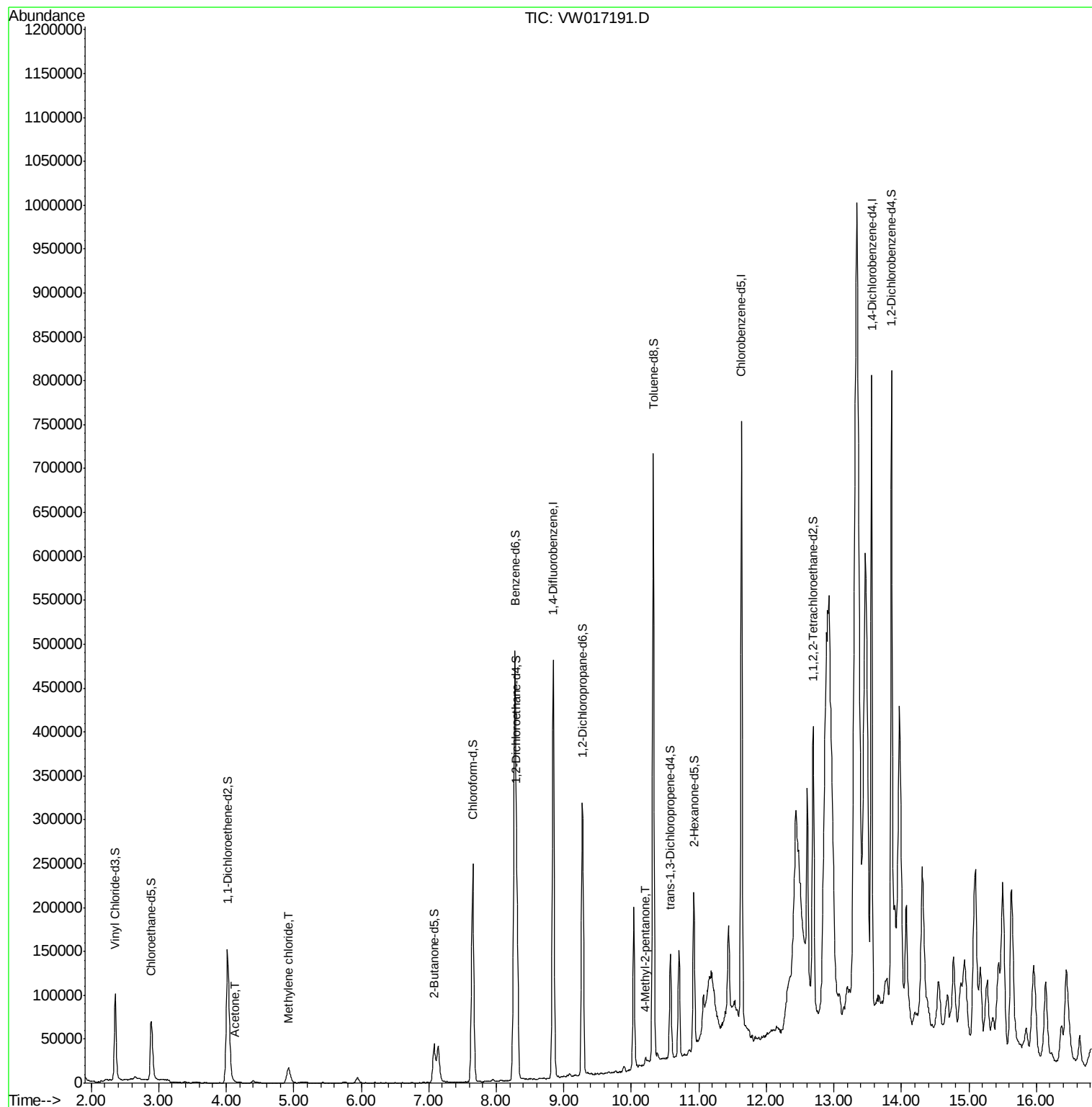
Target Compounds					Ovalue
13) Acetone	4.14	43	1388	1.696 ug/L	68
16) Methylene chloride	4.92	84	16969	2.900 ug/L	89
43) 4-Methyl-2-pentanone	10.21	43	5503	1.799 ug/L	93

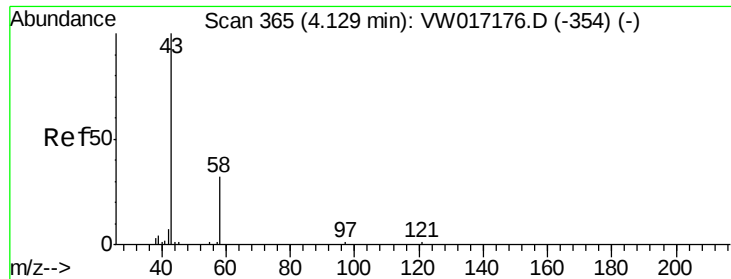
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.696 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 12 Nov 2020 17:42

Instrument :

MSVOA_W

ClientSampled :

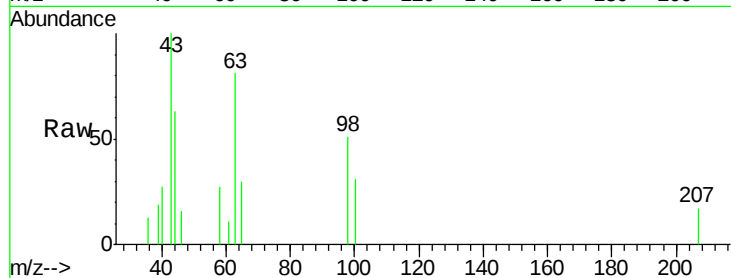
VIBLK05

Tot Ion: 43 Resp: 1388

Ion Ratio Lower Upper

43 100

58 16.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

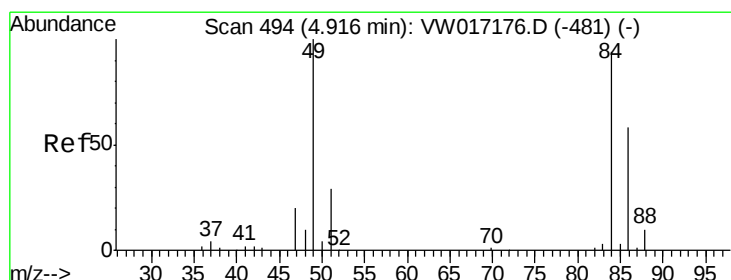
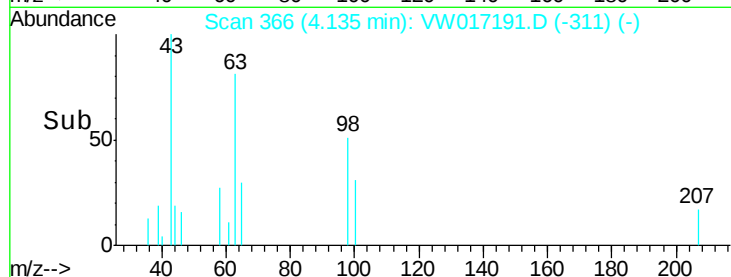
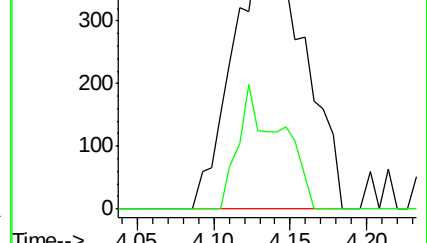
Ion 58.00 (57.70 to 58.70): VW

4.14

4.11

4.15

4.20



#16

Methylene chloride

Concen: 2.900 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017191.D

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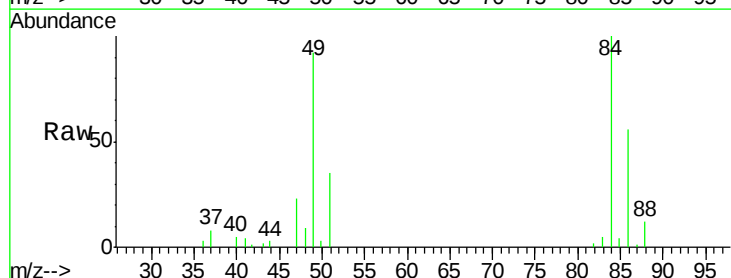
Tgt Ion: 84 Resp: 16969

Ion Ratio Lower Upper

84 100

49 92.2 72.3 134.3

86 55.7 45.1 83.7



Abundance Ion 84.00 (83.70 to 84.70): VW

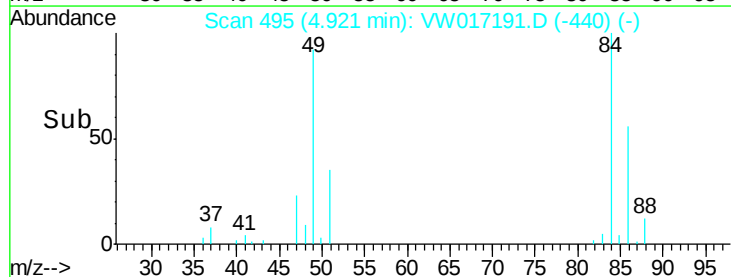
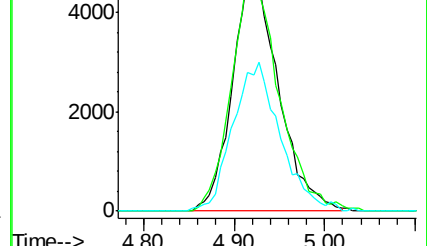
Ion 49.00 (48.70 to 49.70): VW

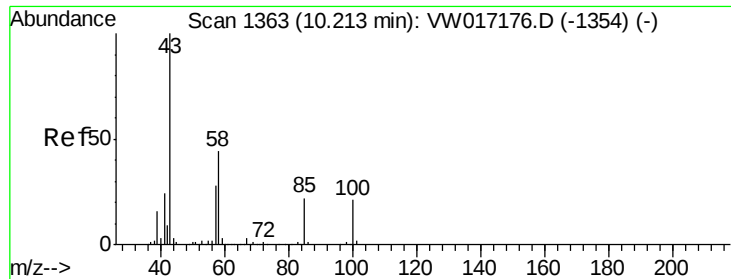
Ion 86.00 (85.70 to 86.70): VW

4.92

4.90

5.00





#43

4-Methyl-2-pentanone

Concen: 1.799 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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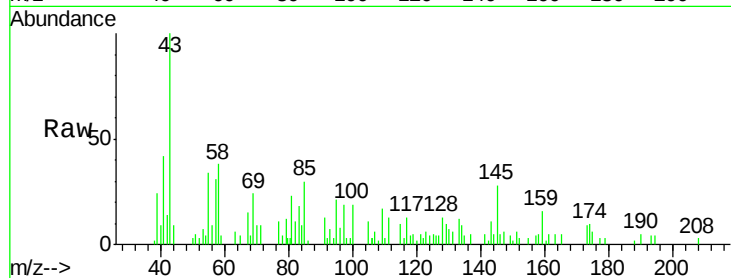
Tot Ion: 43 Resp: 5503

Ion Ratio Lower Upper

43 100

58 38.3 35.0 52.6

100 18.6 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

