

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017011.D
 Acq On : 28 Oct 2020 14:33
 Operator : SY/VA
 Sample : VIBLK04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK04

Quant Time: Oct 29 08:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	484134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	467285	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221243	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115250	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.52%
7) Chloroethane-d5	2.89	69	96306	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
10) 1,1-Dichloroethene-d2	4.03	63	178102	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	7.08	46	80959	76.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.84%#
24) Chloroform-d	7.65	84	271376	24.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	8.31	65	149007	28.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.40%
29) Benzene-d6	8.27	84	558152	23.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.00%
33) 1,2-Dichloropropane-d6	9.27	67	161670	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.33	98	523467	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.64%
38) trans-1,3-Dichloropropene-	10.58	79	70509	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.56%
39) 2-Hexanone-d5	10.93	63	68221	74.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154484	31.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.20%#
61) 1,2-Dichlorobenzene-d4	13.85	152	202377	26.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.12%

Target Compounds

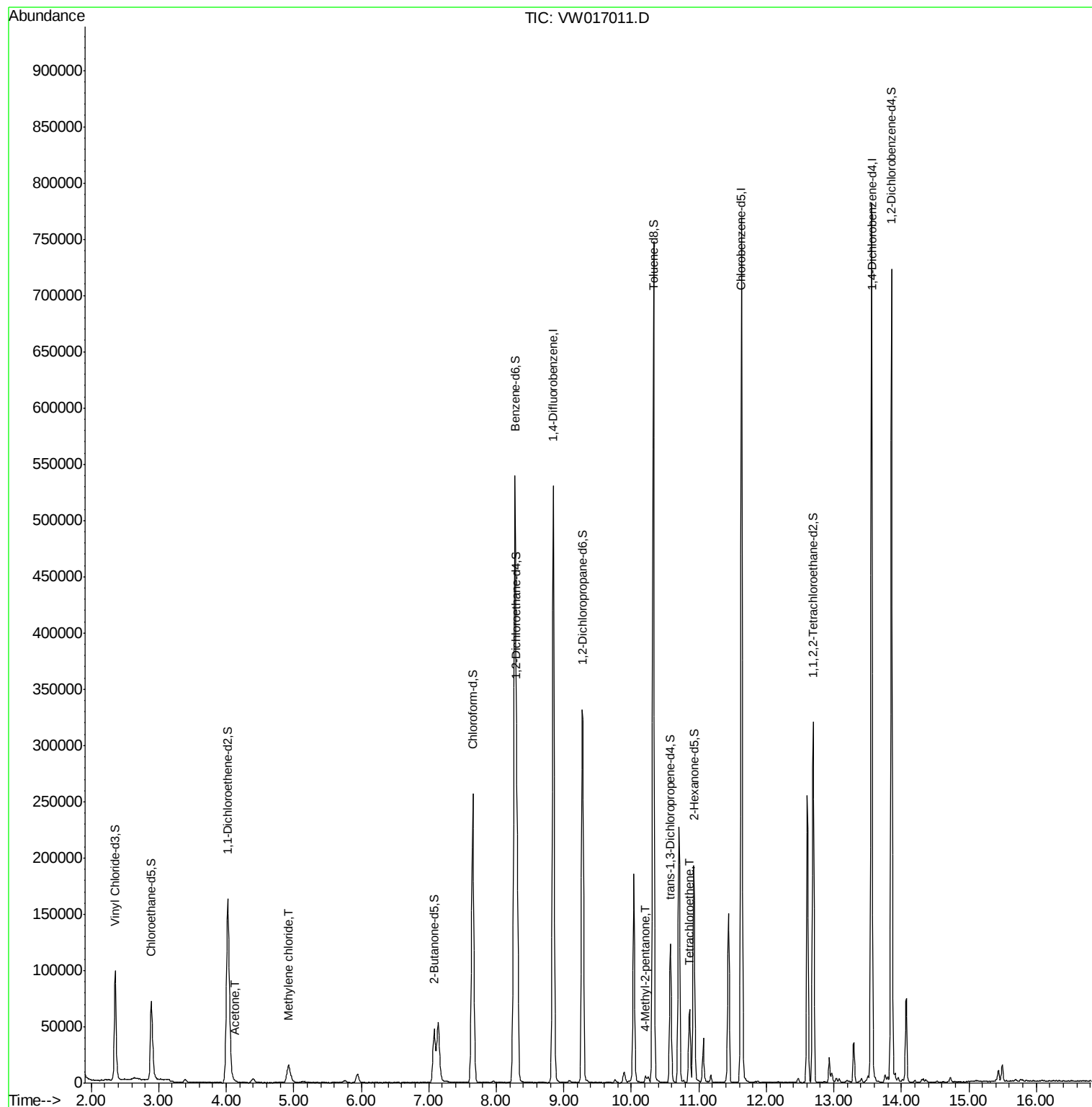
					Ovalue
13) Acetone	4.13	43	1798	2.539 ug/L	71
16) Methylene chloride	4.93	84	14866	2.322 ug/L	91
43) 4-Methyl-2-pentanone	10.21	43	4159	1.522 ug/L	93
47) Tetrachloroethene	10.87	164	15473	2.353 ug/L	93

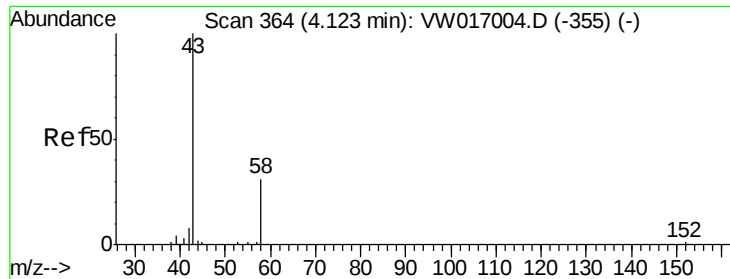
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.539 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 28 Oct 2020 14:33

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MSVOA_W

ClientSampleId :

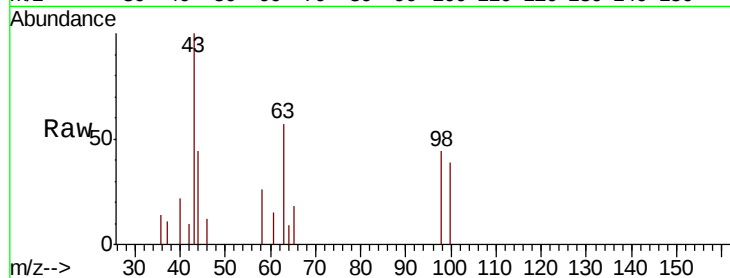
VIBLK04

Tot Ion: 43 Resp: 1798

Ion Ratio Lower Upper

43 100

58 18.2 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

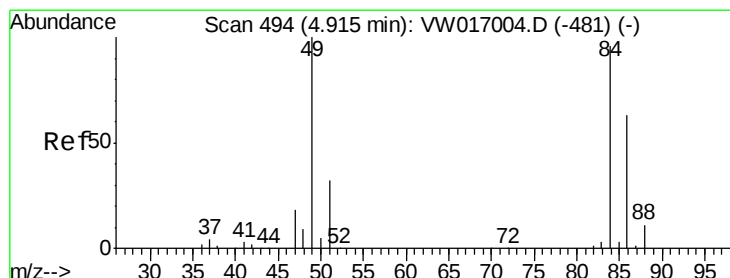
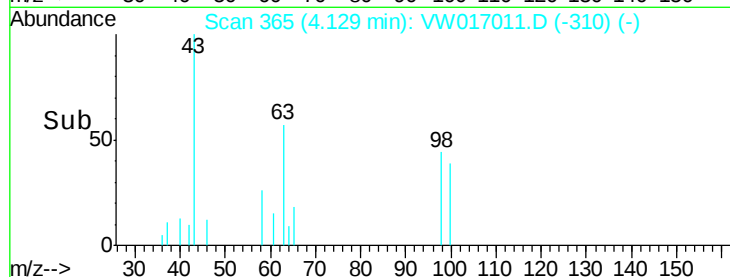
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 2.322 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017011.D

Acq: 28 Oct 2020 14:33

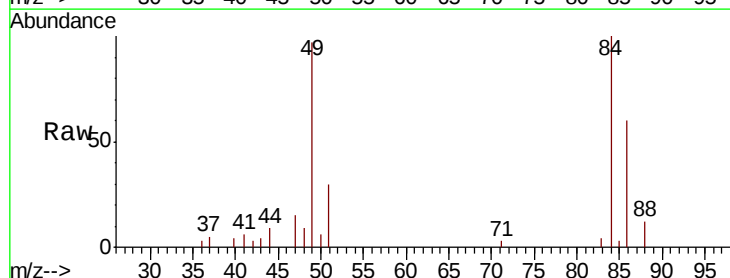
Tgt Ion: 84 Resp: 14866

Ion Ratio Lower Upper

84 100

49 96.6 73.8 137.0

86 60.2 47.4 88.0



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

4.93

5000

4000

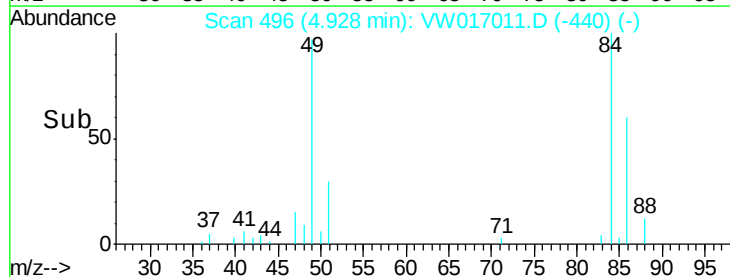
3000

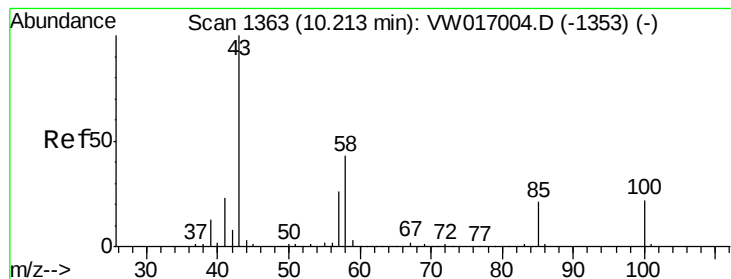
2000

1000

0

Time-->





#43

4-Methyl-2-pentanone

Concen: 1.522 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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ClientSampleId :

VIBLK04

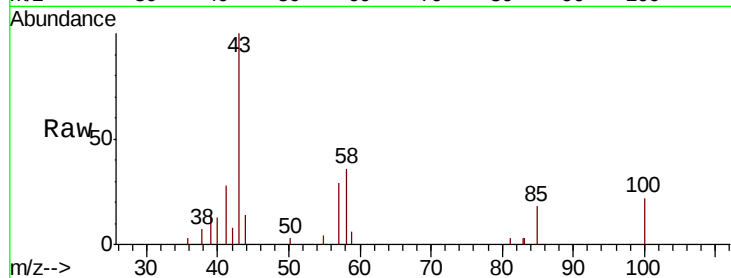
Tot Ion: 43 Resp: 4159

Ion Ratio Lower Upper

43 100

58 36.8 34.4 51.6

100 20.4 16.2 24.2

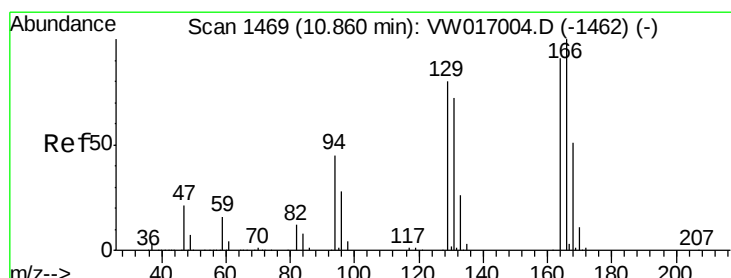
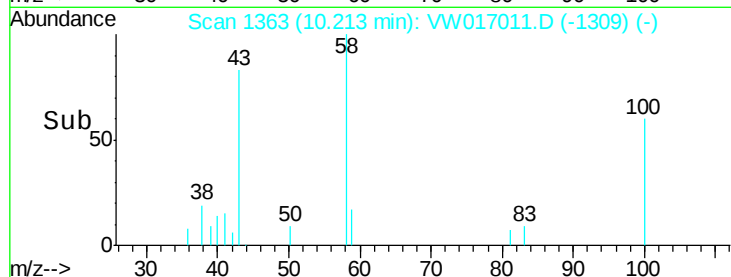
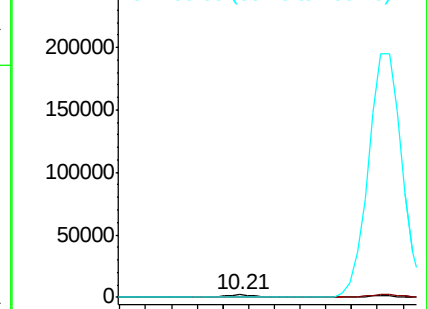


Abundance

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



#47

Tetrachloroethene

Concen: 2.353 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017011.D

Acq: 28 Oct 2020 14:33

Tgt Ion: 164 Resp: 15473

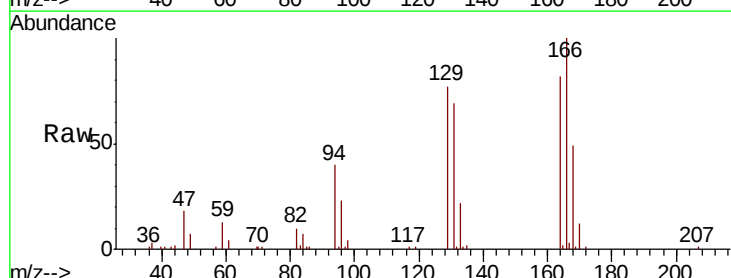
Ion Ratio Lower Upper

164 100

129 93.7 64.0 119.0

131 83.8 61.7 114.5

166 122.3 94.6 175.8



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

