

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017133.D
 Acq On : 10 Nov 2020 12:26
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK14

Quant Time: Nov 11 05:38:49 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	464204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136848	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	2.89	69	112440	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.84%
10) 1,1-Dichloroethene-d2	4.02	63	179344	17.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.60%
20) 2-Butanone-d5	7.08	46	51189	39.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.30%
24) Chloroform-d	7.65	84	260133	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	130368	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.80%
29) Benzene-d6	8.28	84	517381	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	9.27	67	144886	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.33	98	478900	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.36%
38) trans-1,3-Dichloropropene-	10.58	79	58268	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	40033	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114584	21.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	172002	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

Target Compounds

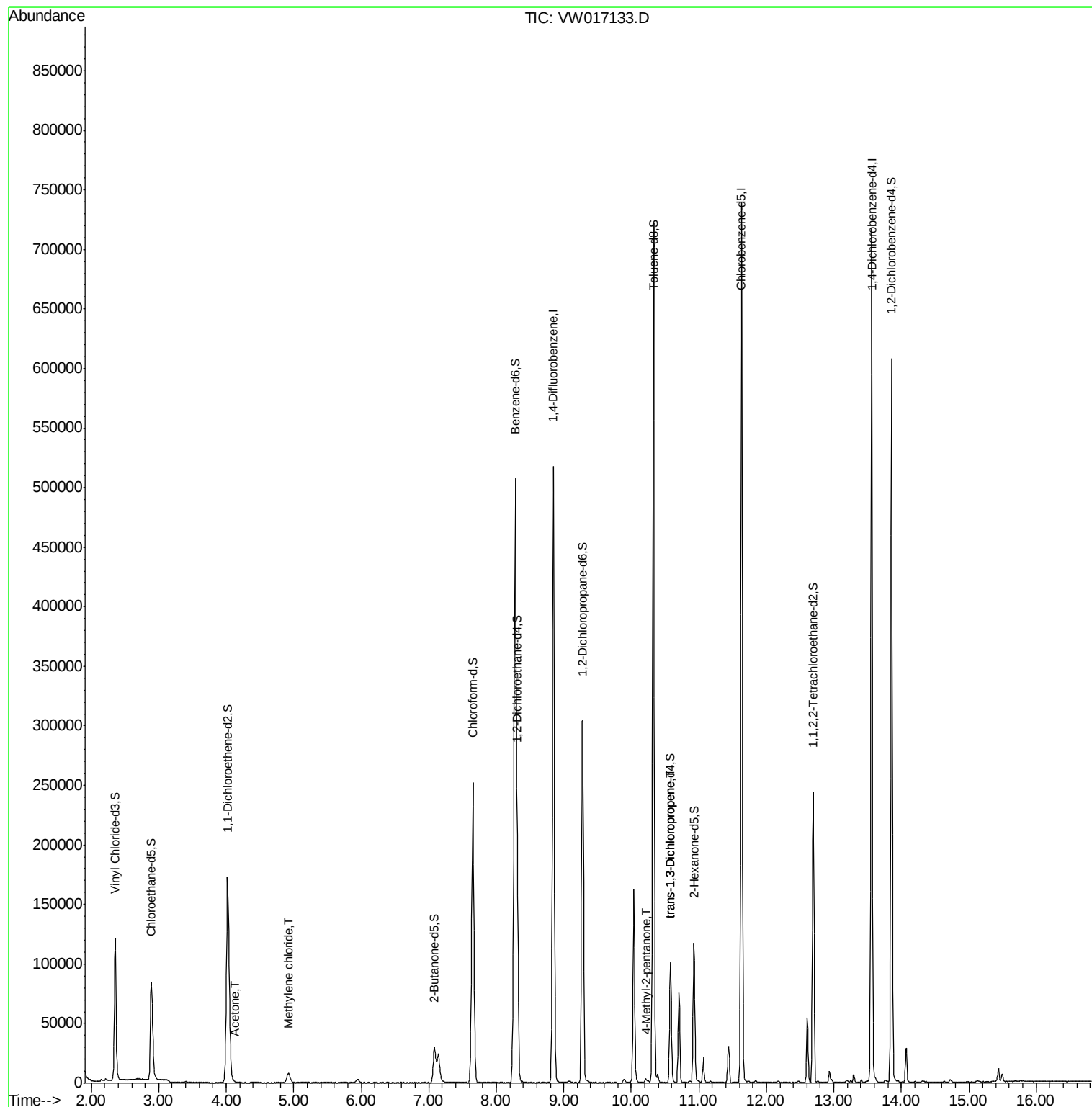
					Ovalue
13) Acetone	4.13	43	332	0.379 ug/L	70
16) Methylene chloride	4.92	84	7212	1.152 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	2479	0.758 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	2758	0.382 ug/L	98

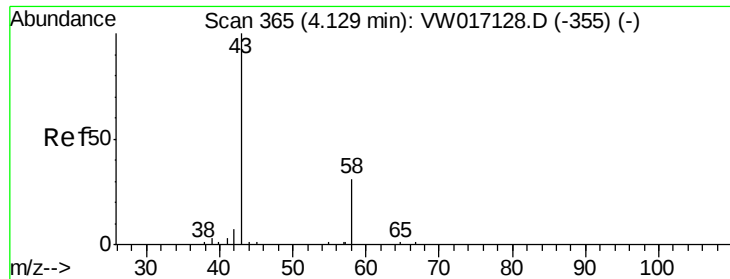
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.379 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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Acq: 10 Nov 2020 12:26

Instrument :

MSVOA_W

ClientSampleId :

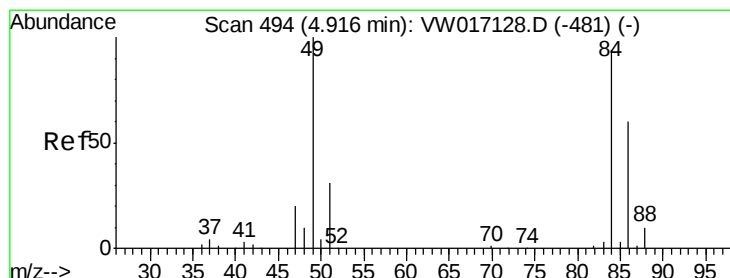
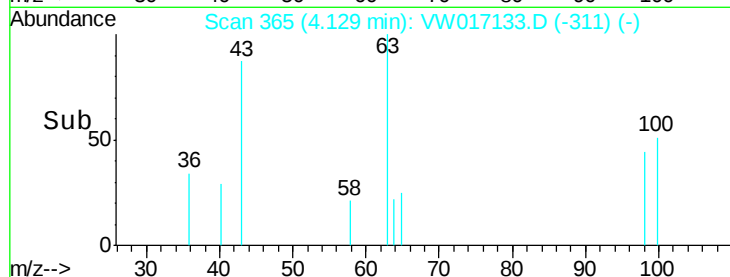
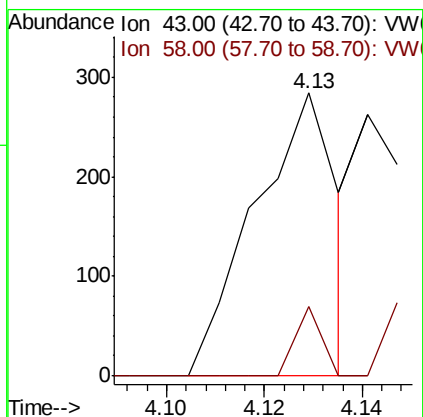
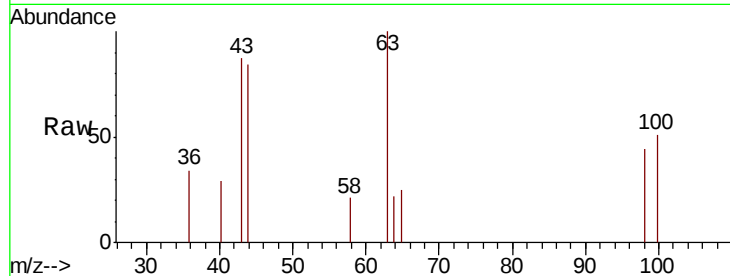
VIBLK14

Tot Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

58 17.5 0.0 69.2



#16

Methylene chloride

Concen: 1.152 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017133.D

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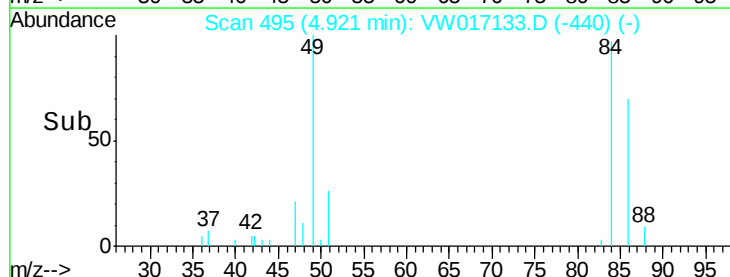
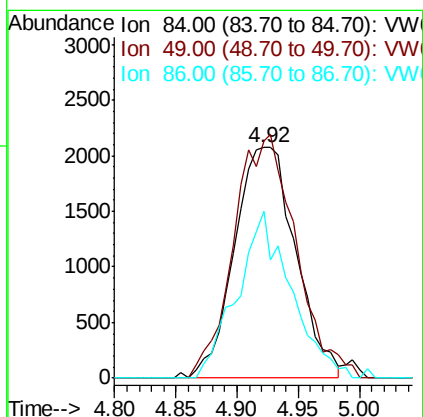
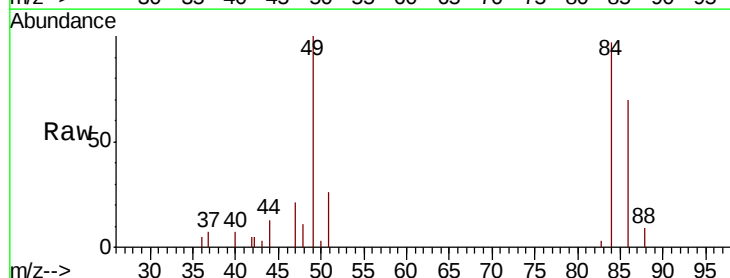
Tgt Ion: 84 Resp: 7212

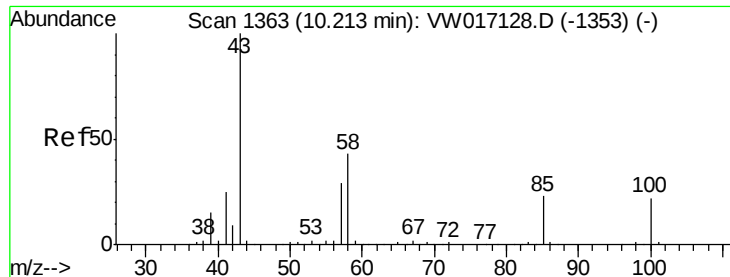
Ion Ratio Lower Upper

84 100

49 102.6 72.3 134.3

86 72.1 45.1 83.7





#43

4-Methyl-2-pentanone

Concen: 0.758 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

VIBLK14

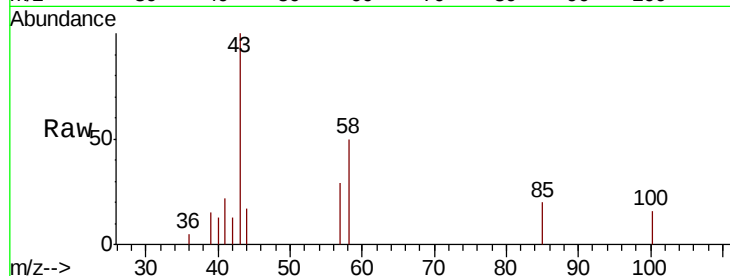
Tot Ion: 43 Resp: 2479

Ion Ratio Lower Upper

43 100

58 37.3 35.0 52.6

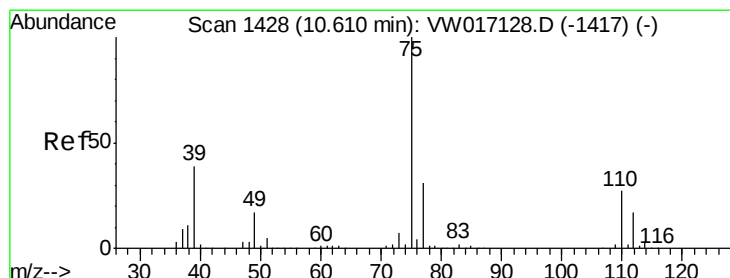
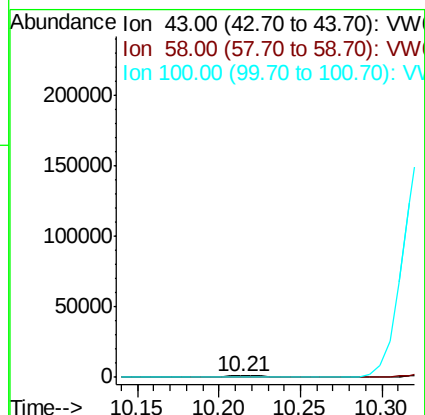
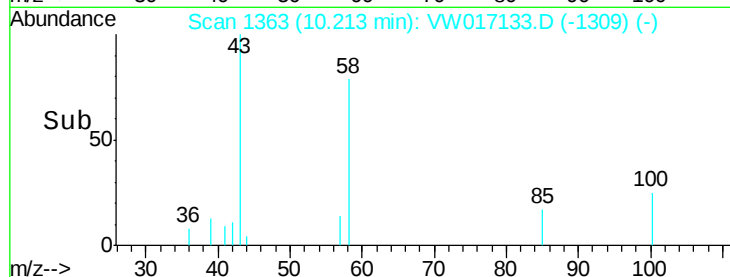
100 20.5 16.6 24.8



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: 0.382 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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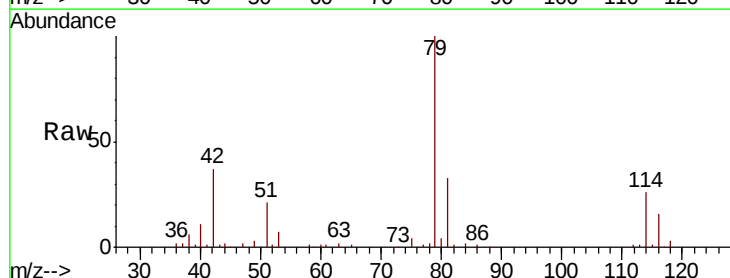
Acq: 10 Nov 2020 12:26

Tgt Ion: 75 Resp: 2758

Ion Ratio Lower Upper

75 100

77 32.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

