

Data File : VW014430.D
Acq On : 18 Dec 2019 14:07
Operator : SY/VA
Sample : K6257-10
Misc : 4.85G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFF05

Quant Time: Dec 19 01:10:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 01:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	733512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	689964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	280562	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	214627	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.28%
7) Chloroethane-d5	2.88	69	194250	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
10) 1,1-Dichloroethene-d2	4.01	63	326917	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.07	46	163822	56.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.20%
24) Chloroform-d	7.65	84	493377	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.49	65	82	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	980899	24.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.04%
33) 1,2-Dichloropropane-d6	9.27	67	327008	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.12%
37) Toluene-d8	10.32	98	849706	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.57	79	121985	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.92	63	120493	48.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	263482	25.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	281362	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds

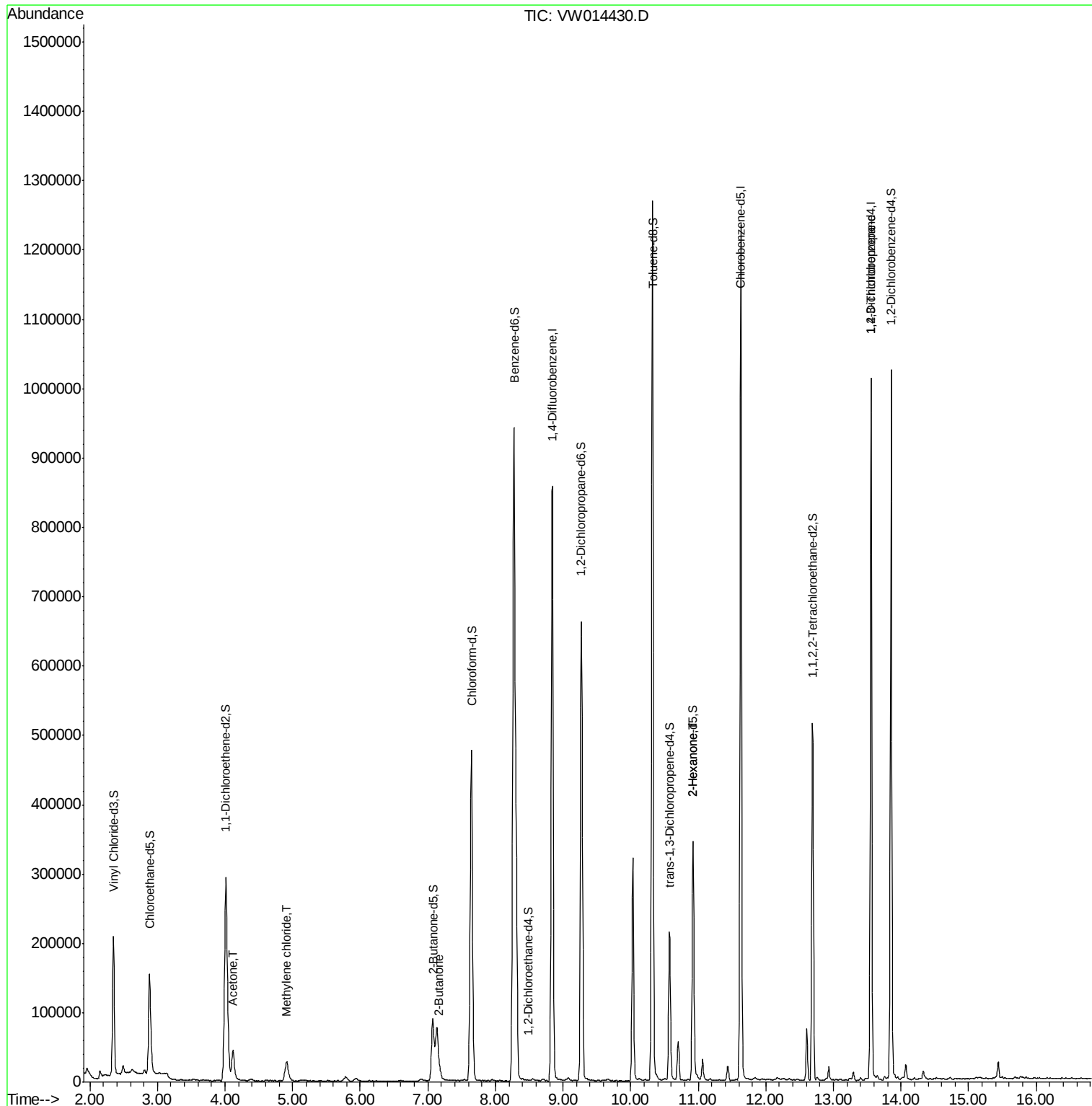
					Qvalue
13) Acetone	4.12	43	76378	27.369	ug/L 99
16) Methylene chloride	4.92	84	23539	2.093	ug/L 92
21) 2-Butanone	7.17	43	23479	6.267	ug/L 89
49) 2-Hexanone	10.92	43	14982	2.843	ug/L # 67
59) 1,2,3-Trichloropropane	13.55	75	32628	4.207	ug/L 92

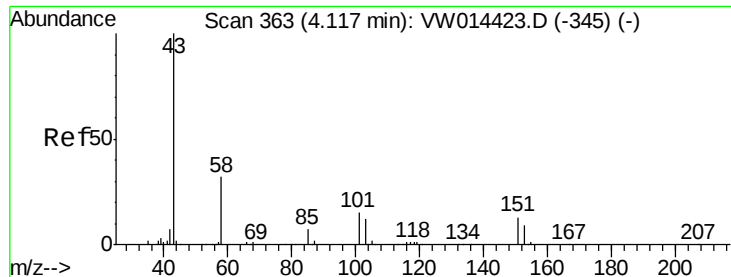
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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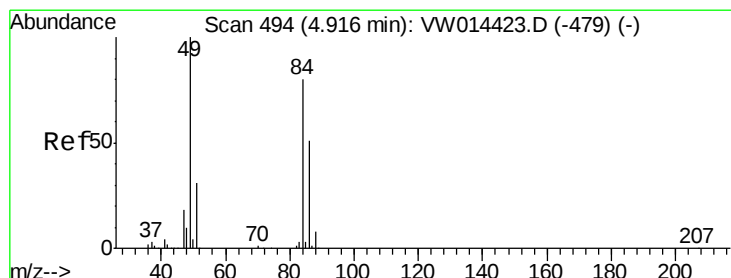
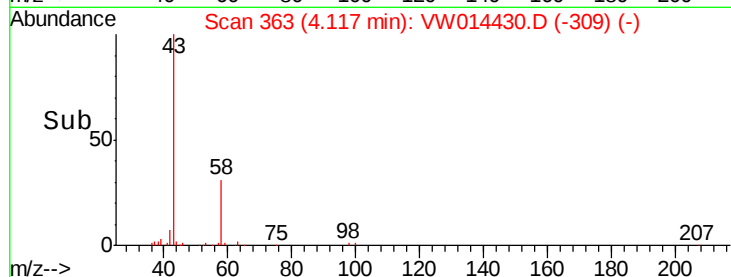
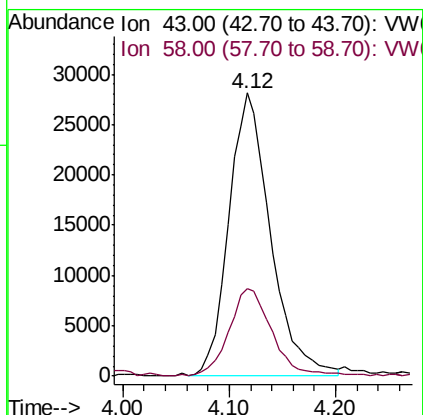
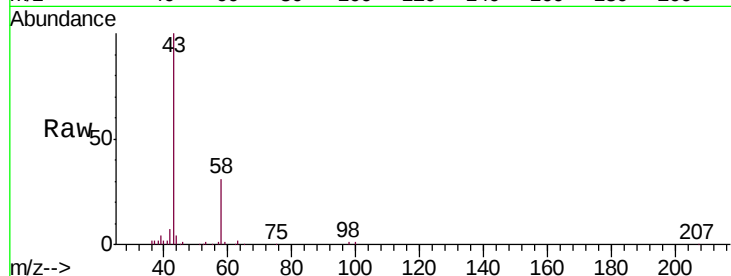




#13
Acetone
Concen: 27.369 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014430.D
Acq: 18 Dec 2019 14:07

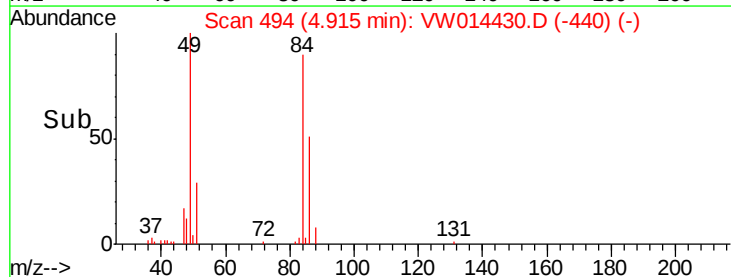
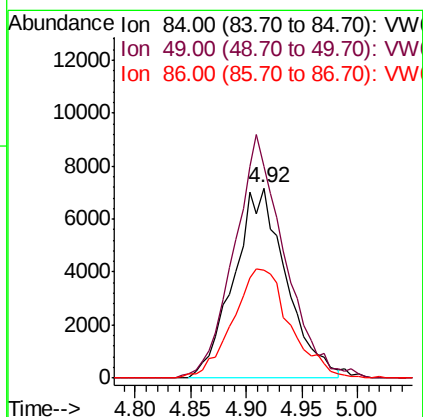
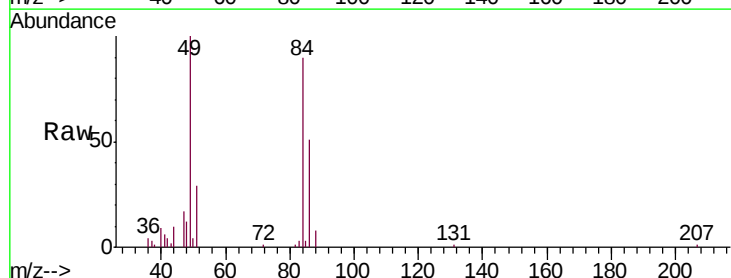
Instrument :
MSVOA_W
ClientSampled :
BFF05

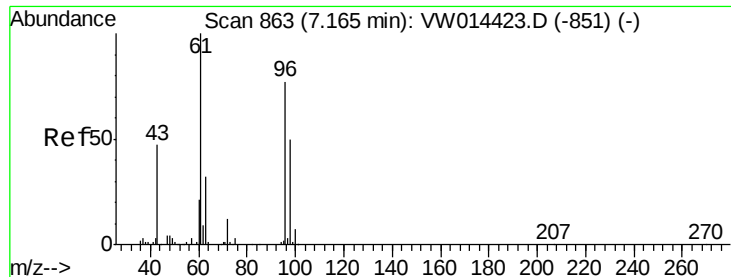
Tgt Ion: 43 Resp: 76378
Ion Ratio Lower Upper
43 100
58 32.1 0.0 65.4



#16
Methylene chloride
Concen: 2.093 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014430.D
Acq: 18 Dec 2019 14:07

Tgt Ion: 84 Resp: 23539
Ion Ratio Lower Upper
84 100
49 111.1 84.2 156.4
86 56.6 43.7 81.1





#21

2-Butanone

Concen: 6.267 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014430.D

Acq: 18 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

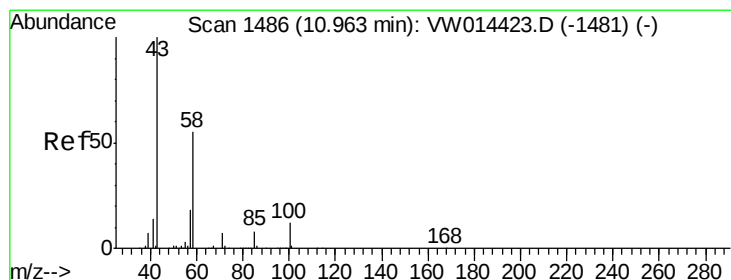
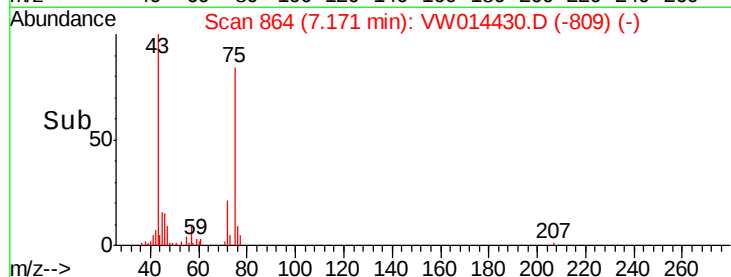
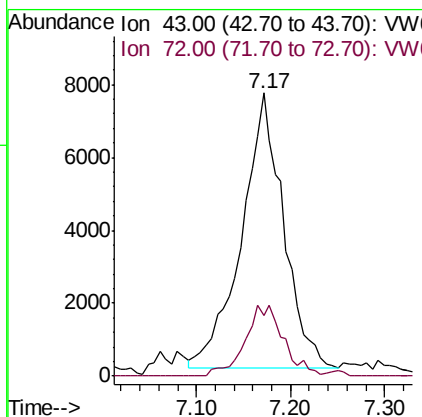
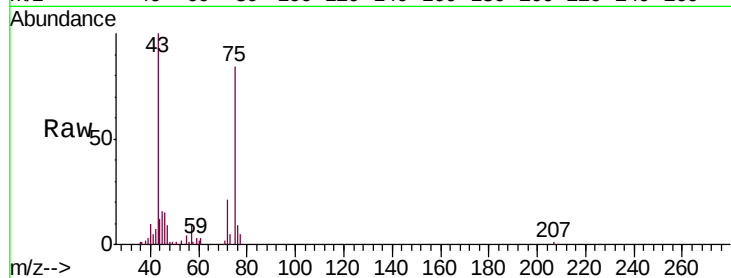
BFF05

Tgt Ion: 43 Resp: 23479

Ion Ratio Lower Upper

43 100

72 22.2 14.1 42.2



#49

2-Hexanone

Concen: 2.843 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014430.D

Acq: 18 Dec 2019 14:07

Tgt Ion: 43 Resp: 14982

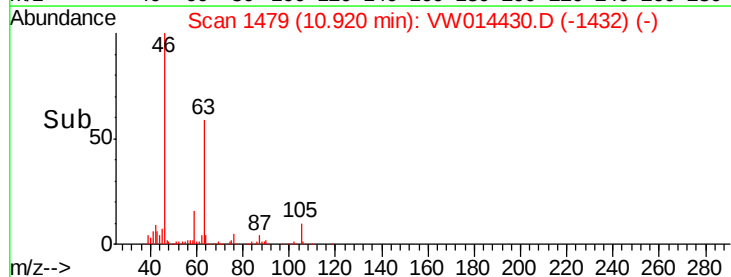
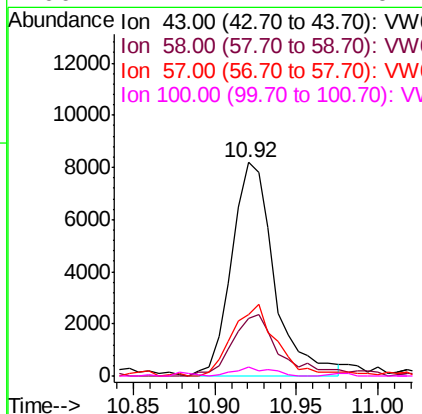
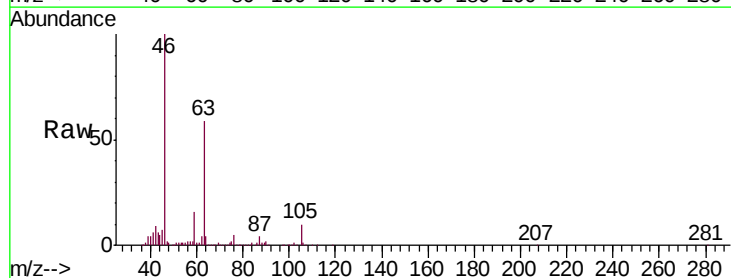
Ion Ratio Lower Upper

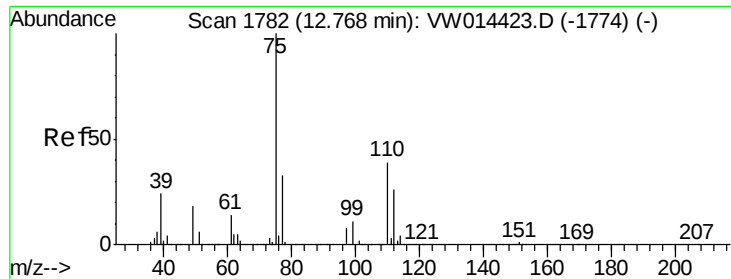
43 100

58 29.8 44.4 66.6#

57 33.5 16.5 24.7#

100 2.4 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 4.207 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014430.D

Acq: 18 Dec 2019 14:07

Instrument :

MSVOA_W

ClientSampleId :

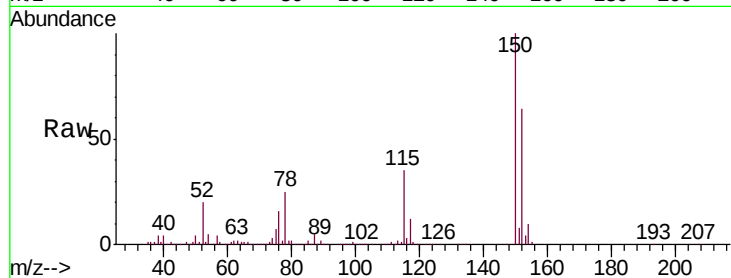
BFF05

Tgt Ion: 75 Resp: 32628

Ion Ratio Lower Upper

75 100

77 36.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

